(R)
Statistics/Data Analysis

User: Mark R. Beissinger
Project: The Revolutionary City

```
. *              mimrgns from http://fmwww.bc.edu/RePEc/bocode/m
      name:  <unnamed>
       log:  C:\Users\mbeissin\Desktop\Stata files for book\Logfiles\chapter9.log
  log type:  text
 opened on:  25 Jan 2022, 22:56:31

. * ============================================================================
. * STATISTICAL RESULTS APPEARING IN CHAPTER 9
. * STATA Do file for Chapter 9
. * Results reported in Chapter 9
. * Author: Mark R. Beissinger
. * Date:  January 2022
. * Princeton, NJ
. * ============================================================================
. * WARNING: THIS DO FILE CAN TAKE SOME TIME TO COMPLETE EXECUTION
. * ============================================================================
. * BEFORE RUNNING, YOU MUST SET THE DEFAULT PATH FOR WHERE THE DATA
. *   FILES RESIDE
. * ============================================================================
. * For this do-file to execute properly, you must first install the following
. *       Stata package:
. *              mimrgns from http://fmwww.bc.edu/RePEc/bocode/m
. * ============================================================================
. * The following datafiles are used for this chapter:
. *   revolutionaryeps.dta--Cross-sectional dataset of revolutionary episodes
. *   matcheddiffindifflong.dta--Panel dataset of successful revolutions and
. *              matched cases for pre-revolutionary and post-revolutionary periods
. *   simplediffindifflong.dta--Panel dataset of successful and failed urban
. *              civic and social revolutionary episodes for pre-revolutionary
. *              and post-revolutionary periods
. *   fullsamplediffindifflong.dta--Panel dataset of all revolutionary episodes
. *              for pre-revolutonary and post-revolutionary periods
. * ============================================================================
. * See Appendix 4H of The Revolutionary City for details on how the matched
. *    samples were created
. * ============================================================================
. * Output produced:  Logfiles\chapter9.log
. *                                    Outputfiles\figure9_2.pdf
. *                                    Outputfiles\figure9 2.pdf
. *       --All output from this chapter has been combined into a single file and can
. *              be found in a pdf file (chapter9.pdf) under the "Outputfiles" folder
. * ============================================================================
. *
. * ****************************************************************************
. * PLEASE READ--IMPORTANT EXPLANATION OF WHAT FOLLOWS
. * ****************************************************************************
. *
. * In Chapter 9 of The Revolutionary City, the diff-and-diff analyses were
. * not used as a way of estimating treatment effects. The reasons for this
. * are detailed in Appendix 4G (pp. 488-492), which provides a discussion of
. * the ways in which revolutions violate the various assumptions of the
. * diff-in-diff model necessary for estimating treatment effects. Instead,
. * the diff-and-diff setup in Chapter 9 was used for purposes of controlled
. * comparison--for describing the evolution of the particular variables examined,
. * to identify trends before and after revolution, and to compare these
. * between different types of revolutions, between succcessful and failed
. * revolutionary episodes, and between countries experiencing revolutionary
. * contention and matched counterparts that did not.
. *
. * Indeed, many of the comparisons presented in Chapter 9 do not involve "treatment"
. * at all, but rather compare patterns of development after different types of
. * revolutions, or patterns of development in societies experiencing successful
. * revolutions with those that experienced failed ones.  There was no "treatment"
. * effect that could be estimated in these cases, and the purpose instead was to
. * describe the different trajectories of the variables of interest under these
. * constrasting conditions. The closest this chapter comes to potentially
. * identifying a treatment effect for revolution was in its matched case
. * comparisons that compared societies experiencing revolutionary contention with
. * societies that were similar in many respects but did not experience revolutionary
. * contention over the period. There are considerable issues involved
. * in such comparisons, though they are about the best that can be done to estimate
. * the counterfactual of what might have happened had revolution never occurred.
. * However, I did not estimate a "treatment" effect in these cases, preferring
. * instead to use the setup to compare rather than identify causaion. The
. * quasi-"treatment" variable (revny) used in these specifications actually included
. * both treatment and pre-treatment years rather than differentiating between
. * "treatment" and pre-"treatment" years, as a normal diff-in-diff setup would do.
. * The year prior to revolutionary onset was used as the base for the comparison.
. * The setup also included a unit-time control.
. *
. * In the robustness tests for this chapter, I explore the extent to which a
. * "treatment"  effect (ATET) can be estimated for all of the matched comparisons
. * conducted in the chapter, as well as the extent to which some of the key statistical
. * assumptions for estimating a treatment effect for revolution hold (Please note
. * that, as detailed in The Revolutionary City, there are other statistical
. * assumptions necessary for identifying treatment effects that are not tested
. * here and that may not hold true for many of the revolutionary episodes in the
. * sample).
. *
```

```
 85 . * ****************************************************************************
 86 .
 87 .
 88 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 89 . * INITIAL SET UP OF PROGRAMS USED FOR MULTIPLE IMPUTATION
 90 . *       Programs are called in analyses below
 91 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 92 .
 93 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 94 . * Simple comparisons of social vs. urban civic--chp9simpmultimp
 95 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 96 .
 97 . quietly{

 98 .
 99 .
100 . * ++++++++++++++++++++++
101 . * ANALYSIS BEGINS HERE
102 . * ++++++++++++++++++++++
103 .
104 . * ============================================================
105 . * SURVIVAL ANALYSES OF SUCCESSFUL AND UNSUCCESSFUL REVOLUTIONS
106 . * ============================================================
107 . * Analysis and Figure 9.2
108 . clear

109 . use revolutionaryeps.dta, clear

110 . * Establish data as survival data with reglastyr variable--previously carried out
111 . stset reglastyr, failure(died==1) origin (time endyear)

         failure event:  died == 1
    obs. time interval:  (origin, reglastyr]
     exit on or before:  failure
        t for analysis:  (time-origin)
                origin:  time endyear

    --------------------------------------------------------------------------------
            345  total observations
             19  event time missing (reglastyr>=.)                  PROBABLE ERROR
              7  observations end on or before enter()
    --------------------------------------------------------------------------------
            319  observations remaining, representing
            213  failures in single-record/single-failure data
           5937  total analysis time at risk and under observation
                                            at risk from t =         0
                                 earliest observed entry t =         0
                                      last observed exit t =        94

112 . * All social revolutionary
113 . stcox i.success  if leftist==1

              failure _d:  died == 1
       analysis time _t:  (reglastyr-origin)
                 origin:  time endyear

    Iteration 0:   log likelihood = -180.23986
    Iteration 1:   log likelihood = -176.60274
    Iteration 2:   log likelihood = -176.54117
    Iteration 3:   log likelihood =  -176.5411
    Refining estimates:
    Iteration 0:   log likelihood =  -176.5411

    Cox regression -- Breslow method for ties

    No. of subjects =           73                 Number of obs    =          73
    No. of failures =           50
    Time at risk    =         1430
                                                   LR chi2(1)       =        7.40
    Log likelihood  =    -176.5411                 Prob > chi2      =      0.0065

    ------------------------------------------------------------------------------
              _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         success |
            yes  |     .40296   .1451263    -2.52   0.012     .1989304    .8162491
    ------------------------------------------------------------------------------

114 . stcurve, survival  at1(success=0) at2(success=1) range(0 30) ylabel(0(.1)1) ylabel(, angle(0)) xlabel(0(5)30) xm
    > tick(1(1)30) outfile("Logfiles\surv1grph.dta", replace)

115 . * Test proportional hazards assumption
116 . estat phtest

          Test of proportional-hazards assumption

          Time:  Time
          ----------------------------------------------------------------
                      |                    chi2       df       Prob>chi2
          ------------+---------------------------------------------------
          global test |                    0.87        1          0.3503
          ----------------------------------------------------------------
```

```
117 . * All urban civic
118 . stcox i.success  if  urbancivic==1

           failure _d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -81.415128
Iteration 1:   log likelihood = -81.395029
Iteration 2:   log likelihood = -81.395023
Refining estimates:
Iteration 0:   log likelihood = -81.395023

Cox regression -- Breslow method for ties

No. of subjects =           51                 Number of obs    =          51
No. of failures =           24
Time at risk    =          649
                                               LR chi2(1)       =        0.04
Log likelihood  =   -81.395023                 Prob > chi2      =      0.8411

------------------------------------------------------------------------------
          _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     success |
         yes |   1.094602   .4963441     0.20   0.842     .4500716    2.662141
------------------------------------------------------------------------------

119 . stcurve, survival  at1(success=0) at2(success=1) range(0 30) ylabel(0(.1)1) ylabel(, angle(0)) xlabel(0(5)30) xm
    > tick(1(1)30) outfile("Logfiles\surv2grph.dta", replace)

120 . * Test proportional hazards assumption
121 . estat phtest

          Test of proportional-hazards assumption

          Time:  Time
          ----------------------------------------------------------------
                      |                     chi2       df       Prob>chi2
          ------------+---------------------------------------------------
          global test |                     0.14        1         0.7126
          ----------------------------------------------------------------

122 . * Combine
123 . use "Logfiles\surv1grph.dta", clear

124 . rename surv2 surv1_A

125 . rename surv3 surv2_A

126 . rename _t _tA

127 . append using "Logfiles\surv2grph.dta"

128 . rename surv2 surv1

129 . rename surv3 surv2

130 . twoway connected surv1 surv2 _t, sort msymbol(S S) lw(medthin medthin) lcolor(black black) mfcolor(white black)
    > mlcolor(black black) msize(medium medium) mlw(thin thin) || connected surv1_A surv2_A _tA, sort msymbol(O O) lw(
    > medthin medthin) lcolor(black black) mfcolor(white black) mlcolor(black black) msize(medlarge medlarge) mlw(thin
    >  thin) xsize(7.5) ysize(7) yline(.5 , lc(gray) lw(medthin)) plotregion(lcolor(black)) xtitle("Years in power aft
    > er episode", size(small)) ytitle("Probability of survival", xoffset(1) size(small)) ylabel(.20(.10)1.00, format(
    > %9.2fc) labsize(small)) ymtick(.2(.01)1) xlabel(0(5)30, labsize(small)) xmtick(0(1)30) legend(cols(2) pos(6) xof
    > fset(-5) label(1 "Failed urban civic") label(2 "Successful urban civic") label(3 "Failed social") label(4 "Succe
    > ssful social") size(small) order(3 4 1 2) symplacement(center) keygap(1) bmargin(zero))

131 . * graph was exported and edited by hand
132 . *   saved here as pdf
133 . graph export Logfiles\figure9_2.pdf, replace
    (file Logfiles\figure9_2.pdf written in PDF format)

134 . erase Logfiles\surv1grph.dta

135 . erase Logfiles\surv2grph.dta

136 .
137 .
138 . * Role of episode length, but not vanguard organization, communist parties, violence in revolutionary contention
    > , civil war
139 . * Regimes that result from episodes that last longer also last in power longer
140 . clear

141 . use revolutionaryeps.dta, clear

142 . * Establish data as survival data with reglastyr variable--previously carried out
143 . stset reglastyr, failure(died==1) origin (time endyear)

         failure event:  died == 1
    obs. time interval:  (origin, reglastyr]
     exit on or before:  failure
        t for analysis:  (time-origin)
                origin:  time endyear
```

```
------------------------------------------------------------------------------
        345  total observations
         19  event time missing (reglastyr>=.)                  PROBABLE ERROR
          7  observations end on or before enter()
------------------------------------------------------------------------------
        319  observations remaining, representing
        213  failures in single-record/single-failure data
       5937  total analysis time at risk and under observation
                                             at risk from t =         0
                                  earliest observed entry t =         0
                                       last observed exit t =        94

144 . * Testing for impact of social civil society repression, revolution, revolutionary organization, civil war, deat
    > hs, and episode duration
145 . * V-Dem measure of repression of civil society (higher scores stand for higher repression)
146 . stcox  c.vdcsrepressplus1##c.vdcsrepressplus1 if ongoing==0 & success==1

           failure _d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

    Iteration 0:   log likelihood = -290.00296
    Iteration 1:   log likelihood = -287.23446
    Iteration 2:   log likelihood = -287.20306
    Iteration 3:   log likelihood = -287.20305
    Refining estimates:
    Iteration 0:   log likelihood = -287.20305

    Cox regression -- Breslow method for ties

    No. of subjects =          112                 Number of obs    =         112
    No. of failures =           72
    Time at risk    =         1827
                                                   LR chi2(2)       =        5.60
    Log likelihood  =   -287.20305                 Prob > chi2      =      0.0608

    ------------------------------------------------------------------------------
                                      t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------------------------+---------------------------------------------------------------
                        vdcsrepressplus1 |   2.021256   .7163852     1.99   0.047     1.009098    4.048639
                                         |
    c.vdcsrepressplus1#c.vdcsrepressplus1 |   .8522745   .0851872    -1.60   0.110     .7006474    1.036715
    ------------------------------------------------------------------------------

147 . stcox  c.vdcsrepressplus2##c.vdcsrepressplus2 if ongoing==0 & success==1

           failure _d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

    Iteration 0:   log likelihood = -285.19477
    Iteration 1:   log likelihood =  -279.8221
    Iteration 2:   log likelihood = -279.78051
    Iteration 3:   log likelihood =  -279.7805
    Refining estimates:
    Iteration 0:   log likelihood =  -279.7805

    Cox regression -- Breslow method for ties

    No. of subjects =          111                 Number of obs    =         111
    No. of failures =           71
    Time at risk    =         1826
                                                   LR chi2(2)       =       10.83
    Log likelihood  =    -279.7805                 Prob > chi2      =      0.0045

    ------------------------------------------------------------------------------
                                      _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------------------------+---------------------------------------------------------------
                        vdcsrepressplus2 |   2.634929   .8286319     3.08   0.002     1.422601    4.880391
                                         |
    c.vdcsrepressplus2#c.vdcsrepressplus2 |   .7954035   .0663025    -2.75   0.006     .6755133    .9365719
    ------------------------------------------------------------------------------

148 . stcox  c.vdcsrepressplus3##c.vdcsrepressplus3 if ongoing==0 & success==1

           failure _d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

    Iteration 0:   log likelihood = -285.19477
    Iteration 1:   log likelihood = -279.83692
    Iteration 2:   log likelihood = -279.77467
    Iteration 3:   log likelihood = -279.77464
    Refining estimates:
    Iteration 0:   log likelihood = -279.77464

    Cox regression -- Breslow method for ties

    No. of subjects =          111                 Number of obs    =         111
    No. of failures =           71
    Time at risk    =         1826
                                                   LR chi2(2)       =       10.84
    Log likelihood  =   -279.77464                 Prob > chi2      =      0.0044
```

```
------------------------------------------------------------------------------------------------------------
                                  _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------------------------+------------------------------------------------------------------------
                  vdcsrepressplus3 |   2.588047   .8188926     3.01   0.003     1.392004    4.811757
                                   |
c.vdcsrepressplus3#c.vdcsrepressplus3 |   .8062018   .0666956    -2.60   0.009     .6855283    .9481175
------------------------------------------------------------------------------------------------------------

149 . stcox  c.vdcsrepressplus4##c.vdcsrepressplus4 if ongoing==0 & success==1

          failure _d:  died == 1
   analysis time _t:  (reglastyr-origin)
             origin:  time endyear

Iteration 0:   log likelihood = -285.01295
Iteration 1:   log likelihood = -280.47813
Iteration 2:   log likelihood = -280.40887
Iteration 3:   log likelihood = -280.40882
Refining estimates:
Iteration 0:   log likelihood = -280.40882

Cox regression -- Breslow method for ties

No. of subjects =          109                 Number of obs    =         109
No. of failures =           71
Time at risk    =         1824
                                               LR chi2(2)       =        9.21
Log likelihood  =   -280.40882                 Prob > chi2      =      0.0100

------------------------------------------------------------------------------------------------------------
                                  _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------------------------+------------------------------------------------------------------------
                  vdcsrepressplus4 |   2.256197   .7153418     2.57   0.010     1.211987    4.200064
                                   |
c.vdcsrepressplus4#c.vdcsrepressplus4 |   .8440969   .0696101    -2.06   0.040     .7181188    .9921751
------------------------------------------------------------------------------------------------------------

150 . stcox  c.vdcsrepressplus5##c.vdcsrepressplus5 if ongoing==0 & success==1

          failure _d:  died == 1
   analysis time _t:  (reglastyr-origin)
             origin:  time endyear

Iteration 0:   log likelihood = -280.06937
Iteration 1:   log likelihood = -275.13592
Iteration 2:   log likelihood = -275.05278
Iteration 3:   log likelihood = -275.05271
Refining estimates:
Iteration 0:   log likelihood = -275.05271

Cox regression -- Breslow method for ties

No. of subjects =          107                 Number of obs    =         107
No. of failures =           70
Time at risk    =         1820
                                               LR chi2(2)       =       10.03
Log likelihood  =   -275.05271                 Prob > chi2      =      0.0066

------------------------------------------------------------------------------------------------------------
                                  _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------------------------+------------------------------------------------------------------------
                  vdcsrepressplus5 |   2.402058   .7743547     2.72   0.007     1.276969    4.518419
                                   |
c.vdcsrepressplus5#c.vdcsrepressplus5 |   .8316261    .068973    -2.22   0.026      .706857    .9784185
------------------------------------------------------------------------------------------------------------

151 . stcox  c.vdcsrepressavg1to5##c.vdcsrepressavg1to5 if ongoing==0 & success==1

          failure _d:  died == 1
   analysis time _t:  (reglastyr-origin)
             origin:  time endyear

Iteration 0:   log likelihood = -280.06937
Iteration 1:   log likelihood = -274.58799
Iteration 2:   log likelihood = -274.49404
Iteration 3:   log likelihood = -274.49394
Refining estimates:
Iteration 0:   log likelihood = -274.49394

Cox regression -- Breslow method for ties

No. of subjects =          107                 Number of obs    =         107
No. of failures =           70
Time at risk    =         1820
                                               LR chi2(2)       =       11.15
Log likelihood  =   -274.49394                 Prob > chi2      =      0.0038

------------------------------------------------------------------------------------------------------------
                                      _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------------------------+------------------------------------------------------------------------
                    vdcsrepressavg1to5 |   2.858117   1.002363     2.99   0.003     1.437333    5.683329
                                       |
c.vdcsrepressavg1to5#c.vdcsrepressavg1to5 |   .7840111   .0733537    -2.60   0.009     .6526526     .941808
------------------------------------------------------------------------------------------------------------
```

```
152 . ttest vdcsrepressavg1to5 if  success==1, by(leftist)

    Two-sample t test with equal variances
    ------------------------------------------------------------------------------
    Variable |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
    ---------+--------------------------------------------------------------------
          no |      87    1.494253    .1292687    1.205738    1.237275     1.75123
         yes |      21    2.542857    .2589881    1.186833    2.002617    3.083097
    ---------+--------------------------------------------------------------------
    combined |     108    1.698148    .1219291    1.267124    1.456438    1.939858
    ---------+--------------------------------------------------------------------
        diff |           -1.048604    .2922921               -1.628102   -.4691069
    ------------------------------------------------------------------------------
        diff = mean(no) - mean(yes)                                   t =  -3.5875
    Ho: diff = 0                                     degrees of freedom =      106

        Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
     Pr(T < t) = 0.0003         Pr(|T| > |t|) = 0.0005          Pr(T > t) = 0.9997

153 . * Vanguard parties and communist rule
154 . * Revolutions based on vanguard parties and communist regimes have no relationship to longevity
155 . stcox  vanguard if ongoing==0 & success==1

            failure _d:  died == 1
      analysis time _t:  (reglastyr-origin)
                origin:  time endyear

    Iteration 0:   log likelihood = -310.84551
    Iteration 1:   log likelihood = -310.15172
    Iteration 2:   log likelihood = -310.13574
    Iteration 3:   log likelihood = -310.13573
    Refining estimates:
    Iteration 0:   log likelihood = -310.13573

    Cox regression -- Breslow method for ties

    No. of subjects =          119                 Number of obs    =         119
    No. of failures =           76
    Time at risk    =         1908
                                                   LR chi2(1)       =        1.42
    Log likelihood  =   -310.13573                 Prob > chi2      =      0.2335

    ------------------------------------------------------------------------------
              _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
        vanguard |   .6164123   .2668907    -1.12   0.264     .2638292     1.44019
    ------------------------------------------------------------------------------

156 . stcox  newregimecommunist if ongoing==0 & success==1

            failure _d:  died == 1
      analysis time _t:  (reglastyr-origin)
                origin:  time endyear

    Iteration 0:   log likelihood = -310.84551
    Iteration 1:   log likelihood = -310.37063
    Iteration 2:   log likelihood = -310.36106
    Iteration 3:   log likelihood = -310.36106
    Refining estimates:
    Iteration 0:   log likelihood = -310.36106

    Cox regression -- Breslow method for ties

    No. of subjects =          119                 Number of obs    =         119
    No. of failures =           76
    Time at risk    =         1908
                                                   LR chi2(1)       =        0.97
    Log likelihood  =   -310.36106                 Prob > chi2      =      0.3250

    ------------------------------------------------------------------------------
                     t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------------+----------------------------------------------------------
    newregimecommunist |    .642341   .3062161    -0.93   0.353     .2523374     1.63512
    ------------------------------------------------------------------------------

157 . * Testing for impact of social revolution, revolutionary organization, civil war, deaths in revolutionary conten
    > tion, and episode duration
158 . * Shows episode duration as the key factor
159 . stcox  leftist  if ongoing==0 & success==1

            failure _d:  died == 1
      analysis time _t:  (reglastyr-origin)
                origin:  time endyear

    Iteration 0:   log likelihood = -310.84551
    Iteration 1:   log likelihood = -307.46158
    Iteration 2:   log likelihood = -307.37623
    Iteration 3:   log likelihood = -307.37611
    Refining estimates:
    Iteration 0:   log likelihood = -307.37611

    Cox regression -- Breslow method for ties

    No. of subjects =          119                 Number of obs    =         119
    No. of failures =           76
    Time at risk    =         1908
                                                   LR chi2(1)       =        6.94
    Log likelihood  =   -307.37611                 Prob > chi2      =      0.0084
```

```
------------------------------------------------------------------------------
          _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     leftist |   .4540575   .1471241    -2.44   0.015     .2406045     .856876
------------------------------------------------------------------------------

160 . stcox  vanguard if ongoing==0 & success==1

           failure _d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -310.15172
Iteration 2:   log likelihood = -310.13574
Iteration 3:   log likelihood = -310.13573
Refining estimates:
Iteration 0:   log likelihood = -310.13573

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                                LR chi2(1)       =        1.42
Log likelihood  =   -310.13573                  Prob > chi2      =      0.2335

------------------------------------------------------------------------------
          _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    vanguard |   .6164123   .2668907    -1.12   0.264     .2638292     1.44019
------------------------------------------------------------------------------

161 . stcox  civilwar if ongoing==0 & success==1

           failure _d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -307.55672
Iteration 2:   log likelihood = -307.54771
Iteration 3:   log likelihood = -307.54771
Refining estimates:
Iteration 0:   log likelihood = -307.54771

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                                LR chi2(1)       =        6.60
Log likelihood  =   -307.54771                  Prob > chi2      =      0.0102

------------------------------------------------------------------------------
          _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    civilwar |   .5290732   .1352477    -2.49   0.013     .3205693    .8731916
------------------------------------------------------------------------------

162 . stcox  lndeaths if ongoing==0 & success==1

           failure  d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -309.49269
Iteration 2:   log likelihood =  -309.4921
Refining estimates:
Iteration 0:   log likelihood =  -309.4921

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                                LR chi2(1)       =        2.71
Log likelihood  =    -309.4921                  Prob > chi2      =      0.0999

------------------------------------------------------------------------------
          _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    lndeaths |    .959374   .0244398    -1.63   0.104      .912649    1.008491
------------------------------------------------------------------------------

163 . stcox  lnmonthsdur if ongoing==0 & success==1

           failure _d:  died == 1
     analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -300.99295
Iteration 2:   log likelihood = -300.90356
Iteration 3:   log likelihood = -300.90352
Refining estimates:
Iteration 0:   log likelihood = -300.90352

Cox regression -- Breslow method for ties
```

```
No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                               LR chi2(1)       =       19.88
Log likelihood  =   -300.90352                 Prob > chi2      =      0.0000

------------------------------------------------------------------------------
           _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
 lnmonthsdur |   .7078536   .0583737    -4.19   0.000     .6022107     .832029
------------------------------------------------------------------------------
```

```
164 . stcox  leftist vanguard if ongoing==0 & success==1

          failure _d:  died == 1
    analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -307.44708
Iteration 2:   log likelihood = -307.36164
Iteration 3:   log likelihood = -307.36152
Refining estimates:
Iteration 0:   log likelihood = -307.36152

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                               LR chi2(2)       =        6.97
Log likelihood  =   -307.36152                 Prob > chi2      =      0.0307

------------------------------------------------------------------------------
           _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
     leftist |   .4646189   .1625408    -2.19   0.028     .2340536    .9223133
    vanguard |   .9240054   .4309322    -0.17   0.865     .3704214    2.304904
------------------------------------------------------------------------------
```

```
165 . stcox  leftist civilwar if ongoing==0 & success==1

          failure _d:  died == 1
    analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -306.03657
Iteration 2:   log likelihood = -305.94499
Iteration 3:   log likelihood = -305.94485
Refining estimates:
Iteration 0:   log likelihood = -305.94485

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                               LR chi2(2)       =        9.80
Log likelihood  =   -305.94485                 Prob > chi2      =      0.0074

------------------------------------------------------------------------------
           _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
     leftist |   .5512502   .1911955    -1.72   0.086     .2793304    1.087876
    civilwar |   .6384297   .1734349    -1.65   0.099     .3748667      1.0873
------------------------------------------------------------------------------
```

```
166 . stcox  leftist lndeaths if ongoing==0 & success==1

          failure  d:  died == 1
    analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -307.32963
Iteration 2:   log likelihood = -307.24571
Iteration 3:   log likelihood = -307.24559
Refining estimates:
Iteration 0:   log likelihood = -307.24559

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                               LR chi2(2)       =        7.20
Log likelihood  =   -307.24559                 Prob > chi2      =      0.0273

------------------------------------------------------------------------------
           _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
     leftist |   .4881946   .1729041    -2.02   0.043     .2438498      .97738
    lndeaths |   .9858531   .0276209    -0.51   0.611     .9331768    1.041503
------------------------------------------------------------------------------
```

```
167 . stcox  leftist lnmonthsdur if ongoing==0 & success==1

          failure _d:  died == 1
    analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -300.78624
Iteration 2:   log likelihood = -300.64339
Iteration 3:   log likelihood = -300.64317
Refining estimates:
Iteration 0:   log likelihood = -300.64317

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                               LR chi2(2)       =       20.40
Log likelihood  =   -300.64317                 Prob > chi2      =      0.0000

------------------------------------------------------------------------------
          _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     leftist |   .7742147   .2791548    -0.71   0.478     .3818984     1.56955
 lnmonthsdur |   .7281831   .0661604    -3.49   0.000     .6094009    .8701179
------------------------------------------------------------------------------

168 . stcox  leftist  vanguard  civilwar lndeaths lnmonths  c.vdcsrepressavg1to5##c.vdcsrepressavg1to5 if ongoing==0 &
>  success==1

          failure _d:  died == 1
    analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -280.06937
Iteration 1:   log likelihood = -259.59085
Iteration 2:   log likelihood = -258.31556
Iteration 3:   log likelihood = -258.30656
Iteration 4:   log likelihood = -258.30656
Refining estimates:
Iteration 0:   log likelihood = -258.30656

Cox regression -- Breslow method for ties

No. of subjects =          107                 Number of obs    =         107
No. of failures =           70
Time at risk    =         1820
                                               LR chi2(7)       =       43.53
Log likelihood  =   -258.30656                 Prob > chi2      =      0.0000

------------------------------------------------------------------------------------------------------------
                                         _t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------------------------------------+---------------------------------------------------------------
                                   leftist |   .4991076   .2066972    -1.68   0.093     .2216579    1.123842
                                  vanguard |   .6600975   .3406222    -0.80   0.421     .2400893    1.814861
                                  civilwar |   1.181024   .7017314     0.28   0.779      .368552     3.78459
                                  lndeaths |   1.054684   .0526653     1.07   0.286     .9563522    1.163126
                                lnmonthsdur |    .581198   .1015319    -3.11   0.002     .4126902    .8185101
                             vdcsrepressavg1to5 |   2.732493   1.023311     2.68   0.007     1.311555    5.692874
                                                |
c.vdcsrepressavg1to5#c.vdcsrepressavg1to5 |   .8507068   .0826724    -1.66   0.096     .7031685    1.029201
------------------------------------------------------------------------------------------------------------

169 . * Figure 9.3--graphed at episode lengths of 2 mos, 4 mos, 7 mos, 1 yr, 2 yrs, 4 yrs, 10 yrs
170 . stcox  lnmonthsdur if ongoing==0 & success==1

          failure _d:  died == 1
    analysis time _t:  (reglastyr-origin)
              origin:  time endyear

Iteration 0:   log likelihood = -310.84551
Iteration 1:   log likelihood = -300.99295
Iteration 2:   log likelihood = -300.90356
Iteration 3:   log likelihood = -300.90352
Refining estimates:
Iteration 0:   log likelihood = -300.90352

Cox regression -- Breslow method for ties

No. of subjects =          119                 Number of obs    =         119
No. of failures =           76
Time at risk    =         1908
                                               LR chi2(1)       =       19.88
Log likelihood  =   -300.90352                 Prob > chi2      =      0.0000

------------------------------------------------------------------------------
           t | Haz. Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 lnmonthsdur |   .7078536   .0583737    -4.19   0.000     .6022107     .832029
------------------------------------------------------------------------------
```

```
171 . stcurve, survival at1(lnmonthsdur=.69314718) at2(lnmonthsdur=1.3862944) at3(lnmonthsdur=1.9459101) at4(lnmonthsd
    > ur=2.4849066) at5(lnmonthsdur=3.1780538) at6(lnmonthsdur=3.871201) at7(lnmonthsdur=4.7874917) range(0 30) ylabel
    > (0(.1)1) ylabel(, angle(0)) xlabel(0(5)30) xmtick(1(1)30) lpattern(solid solid solid solid solid solid solid) le
    > gend(off) title("") lw(medthin medthin medthin medthin medthin medthin medthin) lcolor(black black black black b
    > lack black black) xsize(7.75) ysize(7) yline(.5 , lc(gray)) plotregion(lcolor(black)) xtitle("Years in power aft
    > er episode", size(small)) ytitle("Probability of survival", xoffset(1) size(small)) ylabel(.00(.10)1.00, format(
    > %9.2fc) labsize(small)) ymtick(0(.01)1) xlabel(0(5)30, labsize(small)) xmtick(0(1)30)

172 . * graph was exported and then edited by hand
173 . *  saved here as pdf
174 . graph export Logfiles\figure9_3.pdf, replace
    (file Logfiles\figure9_3.pdf written in PDF format)

175 .
176 . * ============================================================
177 . * STATE CAPACITY IN SUCCESSFUL SOCIAL AND URBAN CIVIC REVOLUTIONS
178 . * ============================================================
179 . * V-Dem Territorial control
180 . * Multiple imputation
181 . clear

182 . use simplediffindifflong.dta, clear

183 . global yvar = "vdsvstterr"

184 . quietly: chp9simpmultimp

185 . * Successful urban civic vs. successful social
186 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        462

    Group variable: revid                           Number of groups  =         42
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.1122
                                                    Largest FMI       =     0.0975
                                                    Complete DF       =         41
    DF adjustment:   Small sample                   DF:     min       =      34.51
                                                            avg       =      37.84
                                                            max       =      39.14
    Model F test:       Equal FMI                   F(  19,   38.5)   =       3.03
    Within VCE type:       Robust                   Prob > F          =     0.0017

                                  (Within VCE adjusted for 42 clusters in revid)
    ------------------------------------------------------------------------------
      vdsvstterr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |   .3474397   .1744299     1.99   0.053    -.0053387    .7002182
              1  |   .3282826   .1742228     1.88   0.067    -.0240771    .6806423
              3  |  -1.982508   .9921987    -2.00   0.053    -3.989196    .0241793
              4  |  -.1188243    1.17407    -0.10   0.920    -2.494687    2.257038
              5  |  -.3268334   1.347496    -0.24   0.810    -3.056153    2.402486
              6  |  -.1984903    1.42072    -0.14   0.890    -3.079199    2.682219
              7  |   -.433469   1.547428    -0.28   0.781    -3.571585    2.704647
              8  |   -.704113   1.572148    -0.45   0.657    -3.897372    2.489146
              9  |  -.9955604   1.822896    -0.55   0.588    -4.697648    2.706527
             10  |  -1.270228   1.638871    -0.78   0.443    -4.595917     2.05546
                 |
    leftist#year |
           1  0  |  -1.019967   .8068414    -1.26   0.214    -2.653603    .6136696
           1  1  |  -.1691714   .4426303    -0.38   0.705     -1.06673    .7283867
           1  3  |  -2.192583   4.782512    -0.46   0.649    -11.86505    7.479882
           1  4  |   1.611832   4.650353     0.35   0.731    -7.793661    11.01733
           1  5  |   2.795564   4.999828     0.56   0.579    -7.317334    12.90846
           1  6  |   3.021067   5.014784     0.60   0.550    -7.122767     13.1649
           1  7  |   3.271431   5.136178     0.64   0.528    -7.118273    13.66113
           1  8  |   2.865152   5.378387     0.53   0.597    -8.015227    13.74553
           1  9  |    3.92583   5.354835     0.73   0.468    -6.907851    14.75951
           1 10  |   4.200498   5.295017     0.79   0.432    -6.511029    14.91202
                 |
           _cons |   87.23489   1.190837    73.26   0.000     84.82647    89.64332
    -------------+----------------------------------------------------------------
         sigma_u |  9.9268374
         sigma_e |  6.5092846
             rho |   .6993122   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

187 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        462
                                                    Average RVI       =  3519.0610
                                                    Largest FMI       =     0.1174
                                                    Complete DF       =         41
    DF adjustment:   Small sample                   DF:     min       =      33.37
                                                            avg       =      37.94
    Within VCE type: Delta-method                           max       =      39.14

    Expression   : Linear prediction, predict(xb)
```

```
1._at        : leftist         =           0
               year            =           0

2._at        : leftist         =           0
               year            =           1

3._at        : leftist         =           0
               year            =           2

4._at        : leftist         =           0
               year            =           3

5. at        : leftist         =           0
               year            =           4

6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8._at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10._at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16. at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19. at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21._at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   87.58233    1.21593    72.03   0.000     85.12316    90.04151
          2  |   87.56318    1.21167    72.27   0.000     85.11262    90.01374
          3  |   87.23489   1.190837    73.26   0.000     84.82647    89.64332
          4  |   85.25239   1.242469    68.62   0.000     82.73954    87.76524
          5  |   87.11607   1.218964    71.47   0.000     84.64947    89.58267
          6  |   86.90806   1.299144    66.90   0.000     84.27632     89.5398
          7  |    87.0364   1.315626    66.16   0.000     84.36732    89.70549
          8  |   86.80142   1.404277    61.81   0.000     83.95143    89.65142
          9  |   86.53078   1.435643    60.27   0.000     83.61128    89.45028
         10  |   86.23933   1.641518    52.54   0.000     82.90104    89.57763
         11  |   85.96467   1.539412    55.84   0.000     82.83894    89.09039
         12  |   86.56237   1.575414    54.95   0.000     83.37531    89.74943
         13  |   87.39401   1.369396    63.82   0.000     84.62386    90.16415
         14  |   87.23489   1.190837    73.26   0.000     84.82647    89.64332
         15  |    83.0598   4.128013    20.12   0.000     74.71104    91.40857
         16  |    88.7279   3.636383    24.40   0.000     81.37344    96.08236
         17  |   89.70362    3.89264    23.04   0.000     81.83089    97.57635
         18  |   90.05747   3.882219    23.20   0.000     82.20582    97.90913
         19  |   90.07286   3.964992    22.72   0.000      82.0538    98.09192
         20  |   89.39593   4.214308    21.21   0.000     80.87264    97.91923
         21  |   90.16516   4.125514    21.86   0.000     81.82145    98.50887
         22  |   90.16516   4.125514    21.86   0.000     81.82145    98.50887
------------------------------------------------------------------------------
```

```
188 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==1

m=1 data:
-> tab leftist if e(N_mi) & year==2 & success==1

     Social |
revolutiona |
 ry episode |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         29       69.05       69.05
          1 |         13       30.95      100.00
------------+-----------------------------------
      Total |         42      100.00

189 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 3.4 percent of observations

190 . * Complete case sample as robustness test
191 . use simplediffindifflong.dta, clear

192 . xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)
note: 1.leftist omitted because of collinearity

Fixed-effects (within) regression               Number of obs     =         445
Group variable: revid                           Number of groups  =          43

R-sq:                                           Obs per group:
     within  = 0.0548                                         min =           4
     between = 0.0018                                         avg =        10.3
     overall = 0.0085                                         max =          11

                                                F(19,42)          =           .
corr(u_i, Xb)  = -0.0622                        Prob > F          =           .

                                  (Std. Err. adjusted for 43 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  vdsvstterr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |   .3474397    .174532     1.99   0.053    -.0047802    .6996596
          1  |   .3282826   .1743249     1.88   0.067    -.0235192    .6800844
          3  |  -1.982508   .9927797    -2.00   0.052    -3.986019    .0210022
          4  |  -.0882998   1.191677    -0.07   0.941    -2.493202    2.316602
          5  |  -.2580434   1.340013    -0.19   0.848    -2.962299    2.446212
          6  |  -.0751068    1.37789    -0.05   0.957    -2.855802    2.705588
          7  |  -.3164838   1.350789    -0.23   0.816    -3.042486    2.409519
          8  |  -.4104675   1.339694    -0.31   0.761    -3.114079    2.293144
          9  |  -.5868523    1.56946    -0.37   0.710    -3.754152    2.580447
         10  |  -.4845214   1.351932    -0.36   0.722    -3.212831    2.243788
             |
leftist#year |
       1  0  |  -.6062855   1.056019    -0.57   0.569    -2.737418    1.524847
       1  1  |   .2683588   .7264658     0.37   0.714    -1.197708    1.734426
       1  3  |  -3.018748   4.747205    -0.64   0.528      -12.599      6.5615
       1  4  |   1.650278    4.64009     0.36   0.724    -7.713803    11.01436
       1  5  |   2.868907   4.975195     0.58   0.567    -7.171442    12.90926
       1  6  |   3.014542   4.980753     0.61   0.548    -7.037023    13.06611
       1  7  |   3.270205   5.052988     0.65   0.521    -6.927137    13.46755
       1  8  |   2.735617   5.270434     0.52   0.606    -7.900549    13.37178
       1  9  |   3.626288    5.23164     0.69   0.492    -6.931589    14.18416
       1 10  |   3.523957   5.170548     0.68   0.499    -6.910632    13.95855
             |
       _cons |   87.23754   1.231881    70.82   0.000      84.7515    89.72357
-------------+----------------------------------------------------------------
     sigma_u |  9.7000883
     sigma_e |  6.4630101
         rho |  .69255248   (fraction of variance due to u_i)
------------------------------------------------------------------------------

193 . margins leftist#year, noestimcheck

Adjusted predictions                            Number of obs     =         445
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
leftist#year |
       0  0  |   87.58498   1.251552    69.98   0.000     85.13198    90.03797
       0  1  |   87.56582   1.247778    70.18   0.000     85.12022    90.01142
       0  2  |   87.23754   1.231881    70.82   0.000     84.82309    89.65198
       0  3  |   85.25503   1.324442    64.37   0.000     82.65917    87.85089
       0  4  |   87.14924   1.356471    64.25   0.000      84.4906    89.80787
       0  5  |   86.97949   1.427539    60.93   0.000     84.18157    89.77742
       0  6  |   87.16243    1.41588    61.56   0.000     84.38736     89.9375
       0  7  |   86.92105   1.422401    61.11   0.000      84.1332    89.70891
       0  8  |   86.82707   1.417237    61.27   0.000     84.04933     89.6048
       0  9  |   86.65068    1.6047    54.00   0.000     83.50553    89.79584
       0 10  |   86.75301    1.51855    57.13   0.000     83.77671    89.72932
       1  0  |   86.97869   1.944324    44.73   0.000     83.16789    90.78949
       1  1  |   87.83418   1.733547    50.67   0.000     84.43649    91.23187
       1  2  |   87.23754   1.231881    70.82   0.000     84.82309    89.65198
       1  3  |   82.23628   4.005195    20.53   0.000     74.38624    90.08632
       1  4  |   88.79951   3.503103    25.35   0.000     81.93356    95.66547
       1  5  |    89.8484   3.747135    23.98   0.000     82.50415    97.19265
```

```
       1  6  |   90.17697   3.737211    24.13   0.000     82.85217    97.50177
       1  7  |   90.19126   3.815019    23.64   0.000     82.71396    97.66856
       1  8  |   89.56269   4.047931    22.13   0.000     81.62889    97.49648
       1  9  |   90.27697   3.960407    22.79   0.000     82.51471    98.03923
       1 10  |   90.27697   3.960407    22.79   0.000     82.51471    98.03923
------------------------------------------------------------------------------

194 .
195 . * Military expenditure in the wake of revolution
196 . * Multiple imputation
197 . clear

198 . use simplediffindifflong.dta, clear

199 . global yvar = "milex"

200 . quietly: chp9simpmultimp

201 . * Successful urban civic vs. successful social
202 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

    Imputations (20):
      .........10.........20 done

    Multiple-imputation estimates                   Imputations       =         20
    Fixed-effects (within) regression               Number of obs     =        451

    Group variable: revid                           Number of groups  =         41
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.5060
                                                    Largest FMI       =     0.3673
                                                    Complete DF       =         40
    DF adjustment:   Small sample                   DF:     min       =      21.67
                                                            avg       =      34.04
                                                            max       =      38.14
    Model F test:       Equal FMI                   F(  20,   35.4)   =       0.64
    Within VCE type:       Robust                   Prob > F          =     0.8569

                                (Within VCE adjusted for 41 clusters in revid)
------------------------------------------------------------------------------
       milex |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |  -321590.2   151042.5    -2.13   0.040    -627323.1   -15857.35
          1  |  -98538.29   44725.52    -2.20   0.034    -189069.5   -8007.081
          3  |  -215888.7   232705.4    -0.93   0.359    -686919.5    255142.1
          4  |  -95790.66   236555.6    -0.40   0.688    -575100.4    383519.1
          5  |  -48237.82   396090.3    -0.12   0.904    -853036.2    756560.5
          6  |   175880.6   492124.4     0.36   0.723    -827442.9     1179204
          7  |   533373.6   496153.9     1.08   0.291    -478389.5     1545137
          8  |   624393.1   566498.3     1.10   0.279    -532580.8     1781367
          9  |    429097   638932.4     0.67   0.507    -872253.1     1730447
         10  |   557334.5   762976.8     0.73   0.470    -996536.9     2111206
             |
leftist#year |
       1  0  |   64421.69    372814     0.17   0.864    -692990.6      821834
       1  1  |   199697.5   209824.6     0.95   0.352    -235839.8    635234.8
       1  3  |    130333    563029     0.23   0.818     -1010380     1271046
       1  4  |   -204872   619015.8    -0.33   0.743     -1459584     1049840
       1  5  |   312889.9   615719.6     0.51   0.614      -936379     1562159
       1  6  |   444012.7   914272.4     0.49   0.630     -1411635     2299660
       1  7  |  -60103.93   877069.2    -0.07   0.946     -1843880     1723672
       1  8  |   317339.7    1186956     0.27   0.791     -2094064     2728743
       1  9  |   26808.15   909819.2     0.03   0.977     -1823442     1877059
       1 10  |  -547931.6   973965.2    -0.56   0.577     -2528103     1432240
             |
       _cons |    1705679   230295.1     7.41   0.000      1239300     2172059
-------------+----------------------------------------------------------------
     sigma_u |  3463107.5
     sigma_e |  1603513.3
         rho |   .8234558   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

203 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         20
    Adjusted predictions                            Number of obs     =        451
                                                    Average RVI       =   104.3718
                                                    Largest FMI       =     0.3278
                                                    Complete DF       =         40
    DF adjustment:   Small sample                   DF:     min       =      23.39
                                                            avg       =      33.11
    Within VCE type: Delta-method                           max       =      37.87

    Expression   : Linear prediction, predict(xb)

    1._at        : leftist         =           0
                   year            =           0

    2._at        : leftist         =           0
                   year            =           1

    3._at        : leftist         =           0
                   year            =           2
```

```
4._at        : leftist         =           0
               year            =           3

5._at        : leftist         =           0
               year            =           4

6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8. at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10._at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19. at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21._at       : leftist         =           1
               year            =           9

22. at       : leftist         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	1384089	329841	4.20	0.000	716285.6	2051893
2	1607141	260767.3	6.16	0.000	1079110	2135172
3	1705679	230295.1	7.41	0.000	1239300	2172059
4	1489791	227832.3	6.54	0.000	1028394	1951188
5	1609889	201052.4	8.01	0.000	1201779	2017998
6	1657441	258242	6.42	0.000	1128482	2186401
7	1881560	345502.1	5.45	0.000	1168676	2594444
8	2239053	364135.3	6.15	0.000	1486935	2991171
9	2330072	438785.6	5.31	0.000	1423216	3236929
10	2134776	481754.9	4.43	0.000	1145830	3123723
11	2263014	604898.6	3.74	0.001	1023774	3502254
12	1448511	367761.1	3.94	0.000	702250.7	2194771
13	1806839	307152.4	5.88	0.000	1181911	2431766
14	1705679	230295.1	7.41	0.000	1239300	2172059
15	1620124	495378.5	3.27	0.002	616787.7	2623460
16	1405017	571210	2.46	0.019	248017.1	2562016
17	1970331	417780.9	4.72	0.000	1121864	2818799
18	2325573	700350.8	3.32	0.002	905592.3	3745553
19	2178949	644159.1	3.38	0.002	871228.7	3486669
20	2647412	968817.9	2.73	0.010	682641.5	4612183
21	2161584	584660.1	3.70	0.001	972593.8	3350575
22	1715082	598637.5	2.86	0.007	496443.4	2933721

```
204 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==1

m=1 data:
-> tab leftist if e(N_mi) & year==2 & success==1
```

Social revolutionary episode	Freq.	Percent	Cum.
0	28	68.29	68.29
1	13	31.71	100.00
Total	41	100.00	

```
205 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 11.1 percent of observations

206 . * Complete case sample as robustness test
207 . * Military expenditure in the wake of revolution
208 . use simplediffindifflong.dta, clear

209 . xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)
    note: 1.leftist omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =         414
    Group variable: revid                           Number of groups  =          43

    R-sq:                                           Obs per group:
         within  = 0.0566                                         min =           4
         between = 0.0164                                         avg =         9.6
         overall = 0.0016                                         max =          11

                                                    F(20,42)          =        1.53
    corr(u_i, Xb)  = -0.1044                        Prob > F          =      0.1200

                                  (Std. Err. adjusted for 43 clusters in revid)
    ------------------------------------------------------------------------------
                 |               Robust
           milex |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |  -321590.2   151270.3    -2.13   0.039      -626866   -16314.44
              1  |  -98538.29   44792.96    -2.20   0.033    -188934.1   -8142.431
              3  |  -205086.9   232078.2    -0.88   0.382    -673439.6    263265.9
              4  |  -205303.2   242705.3    -0.85   0.402    -695102.3    284495.9
              5  |  -293841.2   339483.9    -0.87   0.392    -978947.4      391265
              6  |  -181628.7   383682.2    -0.47   0.638    -955930.7    592673.3
              7  |   251103.8   316078.9     0.79   0.431    -386769.2    888976.9
              8  |   206955.6   335840.7     0.62   0.541    -470798.2    884709.5
              9  |   18832.91     366051     0.05   0.959    -719887.9    757553.7
             10  |   97007.61   413127.6     0.23   0.815    -736717.7    930732.9
                 |
    leftist#year |
           1  0  |   105038.9   411026.5     0.26   0.800    -724446.2    934524.1
           1  1  |   318966.7   233303.4     1.37   0.179    -151858.6      789792
           1  3  |   278125.1   572589.6     0.49   0.630    -877407.4     1433658
           1  4  |   132476.8   618041.6     0.21   0.831     -1114782     1379735
           1  5  |   799617.7   617188.4     1.30   0.202    -445918.8     2045154
           1  6  |    1026516   892427.4     1.15   0.257    -774475.7     2827507
           1  7  |   543408.1   820600.1     0.66   0.511     -1112630     2199446
           1  8  |   958525.4    1095841     0.87   0.387     -1252971     3170022
           1  9  |   714131.1     737019     0.97   0.338    -773233.4     2201496
           1 10  |   248472.2   692299.6     0.36   0.721     -1148645     1645589
                 |
           _cons |    1392877     191562     7.27   0.000      1006289     1779465
    -------------+----------------------------------------------------------------
         sigma u |  2777104.9
         sigma_e |  1243975.7
             rho |  .83288217   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------

210 . margins leftist#year, noestimcheck

    Adjusted predictions                            Number of obs     =         414
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    leftist#year |
           0  0  |    1071287   228247.6     4.69   0.000     623929.6     1518644
           0  1  |    1294339   202753.2     6.38   0.000     896949.6     1691728
           0  2  |    1392877     191562     7.27   0.000      1017422     1768332
           0  3  |    1187790   217946.7     5.45   0.000     760622.3     1614958
           0  4  |    1187574   188076.7     6.31   0.000     818950.1     1556197
           0  5  |    1099036   258412.5     4.25   0.000     592556.5     1605515
           0  6  |    1211248   294622.8     4.11   0.000     633798.1     1788698
           0  7  |    1643981   258247.7     6.37   0.000      1137825     2150137
           0  8  |    1599833   280421.4     5.71   0.000      1050217     2149448
           0  9  |    1411710   275351.1     5.13   0.000     872031.6     1951388
           0 10  |    1489885   316782.7     4.70   0.000     869001.7     2110767
           1  0  |    1176326   363786.4     3.23   0.001     463317.3     1889334
           1  1  |    1613305   295421.4     5.46   0.000      1034290     2192321
           1  2  |    1392877     191562     7.27   0.000      1017422     1768332
           1  3  |    1465915   474085.3     3.09   0.002     536725.1     2395105
           1  4  |    1320050   540290.8     2.44   0.015     261099.9     2379001
           1  5  |    1898653   405671.5     4.68   0.000      1103552     2693755
           1  6  |    2237764   698490.3     3.20   0.001       868748     3606780
           1  7  |    2187389   650385.6     3.36   0.001     912656.4     3462121
           1  8  |    2558358   949292.3     2.70   0.007     697779.3     4418937
           1  9  |    2125841   534225.2     3.98   0.000      1078779     3172903
           1 10  |    1738357   499107.3     3.48   0.000     760124.4     2716589
    ------------------------------------------------------------------------------
```

```
211 .
212 . * State capacity (Hanson/Sigman) in the wake of successful social and urban civic revolutions, comparison w. mat
    > ched samples
213 . * WARNING--reduced sample size
214 . * Matched cases (successful vs. failed revolutions)
215 . * Multiple imputation
216 . clear

217 . use matcheddiffindifflong.dta, clear

218 . global yvar = "statecapacity"

219 . quietly: chp9matchmultimp

220 . * Successful social vs. matched cases
221 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pwei
    > ght=freqwt], fe cluster(revid)

    Imputations (20):
      .........10.........20 done

    Multiple-imputation estimates                   Imputations       =         20
    Fixed-effects (within) regression               Number of obs     =        209

    Group variable: diffid                          Number of groups  =         19
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.1998
                                                    Largest FMI       =     0.1798
                                                    Complete DF       =          3
                                                    DF:     min       =       1.86
                                                            avg       =       1.99
    DF adjustment:   Small sample                           max       =       2.00
                                                    F(   4,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                    (Within VCE adjusted for 4 clusters in revid)
    ------------------------------------------------------------------------------
    statecapac~y |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
              0  |  -.1286936   .0285434    -4.51   0.052    -.2609615    .0035744
              1  |  -.0268314   .0195123    -1.38   0.303    -.1107861    .0571233
              3  |   .0298018   .0310168     0.96   0.438    -.1036526    .1632563
              4  |   .1044343   .0402751     2.59   0.122    -.0688554    .2777239
              5  |    .142975   .0684878     2.09   0.172    -.1517043    .4376543
              6  |   .0997097   .0655811     1.52   0.268     -.182463    .3818825
              7  |   .0975179   .0728904     1.34   0.313    -.2161043    .4111402
              8  |   .0880563   .0743941     1.18   0.358    -.2320355    .4081481
              9  |    .082351   .0936281     0.88   0.472    -.3204981    .4852002
             10  |   .0590212   .1195592     0.49   0.670    -.4554005    .5734429
                 |
      revny#year |
            1  0 |  -.0543928   .1398662    -0.39   0.735     -.657893    .5491074
            1  1 |  -.0636533   .0858754    -0.74   0.536    -.4331455    .3058389
            1  3 |  -.4203568   .1424685    -2.95   0.098    -1.033349    .1926357
            1  4 |  -.5272475   .2216707    -2.38   0.140    -1.481019    .4265244
            1  5 |  -.5148711   .4860303    -1.06   0.400    -2.606091    1.576348
            1  6 |  -.0845423   .1799237    -0.47   0.685    -.8586913    .6896067
            1  7 |  -.0102627   .1815097    -0.06   0.960     -.791236    .7707106
            1  8 |   .1353009   .1720841     0.79   0.514     -.605117    .8757189
            1  9 |   .0870032   .2084538     0.42   0.717    -.8099011    .9839076
            1 10 |   -.069079   .2859395    -0.24   0.832    -1.299377    1.161219
                 |
           _cons |  -.4606239   .0859447    -5.36   0.033     -.830414   -.0908338
    -------------+----------------------------------------------------------------
         sigma u |  .66678505
         sigma_e |  .26962362
             rho |  .85946838   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

222 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         20
    Adjusted predictions                            Number of obs     =        209
                                                    Average RVI       =     0.2209
                                                    Largest FMI       =     0.1052
                                                    Complete DF       =          3
    DF adjustment:   Small sample                   DF:     min       =       1.99
                                                            avg       =       2.00
    Within VCE type: Delta-method                           max       =       2.00

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3
```

```
5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9. at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20. at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	-.5893175	.1120012	-5.26	0.035	-1.073354	-.1052808
2	-.4874553	.1010622	-4.82	0.040	-.922291	-.0526197
3	-.4606239	.0859447	-5.36	0.033	-.830414	-.0908338
4	-.4308221	.061972	-6.95	0.020	-.697466	-.1641782
5	-.3561896	.0666863	-5.34	0.033	-.6431175	-.0692618
6	-.3176489	.0308838	-10.29	0.009	-.450531	-.1847669
7	-.3609142	.0471234	-7.66	0.017	-.5636698	-.1581585
8	-.363106	.0441663	-8.22	0.014	-.553138	-.1730739
9	-.3725676	.0754203	-4.94	0.039	-.6970749	-.0480603
10	-.3782729	.0665094	-5.69	0.030	-.6644397	-.0921061
11	-.4016027	.1174059	-3.42	0.076	-.9067595	.1035541
12	-.6437103	.2199115	-2.93	0.100	-1.589913	.3024923
13	-.5511086	.1715057	-3.21	0.085	-1.289038	.1868209
14	-.4606239	.0859447	-5.36	0.033	-.830414	-.0908338
15	-.8511789	.1434058	-5.94	0.027	-1.468204	-.2341537
16	-.8834372	.1639578	-5.39	0.033	-1.588891	-.1779837
17	-.83252	.4555066	-1.83	0.209	-2.792407	1.127367
18	-.4454564	.1407239	-3.17	0.087	-1.050942	.1600295
19	-.3733687	.1463035	-2.55	0.125	-1.002862	.2561245
20	-.2372666	.127837	-1.86	0.205	-.7873049	.3127716
21	-.2912697	.1841175	-1.58	0.254	-1.083464	.5009242
22	-.4706818	.1930221	-2.44	0.135	-1.301189	.3598254

```
223 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 4 revolutions and 15 matched cases

224 . * Successful urban civic vs. matched cases
225 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [p
    > weight=freqwt], fe cluster(revid)

    Imputations (20):
      .........10.........20 done

    Multiple-imputation estimates                   Imputations       =         20
    Fixed-effects (within) regression               Number of obs     =        748
```

```
Group variable: diffid                          Number of groups  =         68
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.5353
                                                Largest FMI       =     0.3270
                                                Complete DF       =         20
DF adjustment:   Small sample                   DF:     min       =      12.21
                                                        avg       =      15.16
                                                        max       =      17.77
Model F test:       Equal FMI                   F(  20,   15.8)   =       2.81
Within VCE type:       Robust                   Prob > F          =     0.0207

                                 (Within VCE adjusted for 21 clusters in revid)
------------------------------------------------------------------------------
statecapac~y |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |   .0489014   .0413699     1.18   0.253    -.0380988    .1359016
           1 |   .0598749   .0309153     1.94   0.069    -.0052524    .1250022
           3 |   -.002011   .0544626    -0.04   0.971    -.1204485    .1164266
           4 |  -.0345312   .0619528    -0.56   0.587    -.1685766    .0995142
           5 |   .0349392   .0583834     0.60   0.560    -.0913287     .161207
           6 |    .024823   .0635157     0.39   0.702    -.1108369    .1604829
           7 |   .0777137   .0604599     1.29   0.217    -.0504312    .2058585
           8 |   .1007139   .0686242     1.47   0.162     -.044793    .2462208
           9 |   .1081574   .0751988     1.44   0.170    -.0512192    .2675341
          10 |   .0988759   .0785835     1.26   0.227    -.0678786    .2656303
             |
  revny#year |
        1  0 |  -.0838774   .0710777    -1.18   0.254    -.2333463    .0655914
        1  1 |   -.087006   .0488737    -1.78   0.093    -.1900323    .0160203
        1  3 |  -.1598128   .0599538    -2.67   0.020    -.2898069   -.0298187
        1  4 |  -.0638352      .1051    -0.61   0.553     -.287463    .1597925
        1  5 |   -.137622   .1099138    -1.25   0.230    -.3723294    .0970854
        1  6 |  -.1116067    .110574    -1.01   0.328    -.3466428    .1234295
        1  7 |  -.1310159   .1112197    -1.18   0.259    -.3704841    .1084523
        1  8 |  -.1574965   .1296928    -1.21   0.245    -.4363618    .1213689
        1  9 |  -.1847471   .1338072    -1.38   0.188    -.4703687    .1008745
        1 10 |  -.1442125   .1404148    -1.03   0.321    -.4447739    .1563489
             |
       _cons |  -.0138148   .0353415    -0.39   0.701    -.0881367    .0605072
-------------+----------------------------------------------------------------
     sigma_u |  .70717861
     sigma_e |  .22645359
         rho |  .90699523   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

226 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         20
Adjusted predictions                            Number of obs     =        748
                                                Average RVI       =    10.0069
                                                Largest FMI       =     0.5244
                                                Complete DF       =         20
DF adjustment:   Small sample                   DF:     min       =       8.60
                                                        avg       =      14.10
Within VCE type: Delta-method                           max       =      18.10

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0
```

```
13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17. at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.0350867	.0615988	0.57	0.576	-.0942769	.1644503
2	.0460601	.0516644	0.89	0.384	-.0624696	.1545899
3	-.0138148	.0353415	-0.39	0.701	-.0881367	.0605072
4	-.0158257	.049332	-0.32	0.754	-.1244261	.0927746
5	-.0483459	.0551278	-0.88	0.399	-.1697253	.0730334
6	.0211244	.0531508	0.40	0.698	-.0954382	.137687
7	.0110082	.0530774	0.21	0.839	-.1036573	.1256738
8	.0638989	.0533095	1.20	0.249	-.0494312	.1772291
9	.0868992	.0642063	1.35	0.195	-.0493101	.2231084
10	.0943427	.0694341	1.36	0.193	-.0528961	.2415814
11	.0850611	.0723084	1.18	0.257	-.0682382	.2383604
12	-.0487907	.0550002	-0.89	0.387	-.1643154	.0667339
13	-.0409458	.0404118	-1.01	0.324	-.1258884	.0439968
14	-.0138148	.0353415	-0.39	0.701	-.0881367	.0605072
15	-.1756386	.0506009	-3.47	0.006	-.2884247	-.0628524
16	-.1121812	.0911987	-1.23	0.237	-.3060314	.081669
17	-.1164976	.0775405	-1.50	0.158	-.2844783	.0514831
18	-.1005985	.0840285	-1.20	0.253	-.2825011	.0813042
19	-.067117	.0779028	-0.86	0.410	-.2417868	.1075528
20	-.0705973	.0878225	-0.80	0.443	-.2706801	.1294855
21	-.0904045	.0848374	-1.07	0.308	-.2755065	.0946976
22	-.0591514	.0924343	-0.64	0.534	-.2600646	.1417618

```
227 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 21 revolutions and 47 matched cases

228 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 11.4 percent of observations

229 . * Complete case sample as robustness test
230 . use matcheddiffindifflong.dta, clear

231 . xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], fe cluster(revid)
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       251
    Group variable: diffid                          Number of groups   =        25

    R-sq:  within  = 0.1446                         Obs per group: min =         7
           between = 0.0411                                        avg =      10.0
           overall = 0.0004                                        max =        11

                                                    F(5,5)             =         .
    corr(u_i, Xb)  = -0.1424                        Prob > F           =         .

                                  (Std. Err. adjusted for 6 clusters in revid)
```

statecapac~y	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.1199236	.0252679	-4.75	0.005	-.1848769	-.0549703
1	-.0267319	.0195684	-1.37	0.230	-.0770342	.0235703
3	.0293231	.0310731	0.94	0.389	-.0505528	.109199
4	.0729304	.0553913	1.32	0.245	-.0694574	.2153183
5	.1088128	.0707368	1.54	0.185	-.0730219	.2906476
6	.0967443	.0663617	1.46	0.205	-.073844	.2673325
7	.103083	.0726221	1.42	0.215	-.083598	.289764
8	.1053727	.0730708	1.44	0.209	-.0824617	.2932071
9	.1068888	.0916237	1.17	0.296	-.1286375	.342415
10	.0910044	.1068163	0.85	0.433	-.1835757	.3655845
revny#year						
1 0	-.0631628	.1312542	-0.48	0.651	-.4005626	.2742369

```
       1  1  |  -.0637528   .0802505    -0.79   0.463    -.2700433    .1425377
       1  3  |  -.2730678   .1924177    -1.42   0.215    -.7676933    .2215576
       1  4  |  -.4017309   .2193415    -1.83   0.127    -.9655661    .1621044
       1  5  |   -.319297   .3815381    -0.84   0.441    -1.300072    .6614779
       1  6  |  -.0703327    .175665    -0.40   0.705    -.5218939    .3812285
       1  7  |  -.1217493   .1890721    -0.64   0.548    -.6077745    .3642759
       1  8  |  -.0467865   .1993805    -0.23   0.824    -.5593105    .4657374
       1  9  |  -.0426811    .192923    -0.22   0.834    -.5386053    .4532432
       1 10  |   -.138702    .241312    -0.57   0.590    -.7590142    .4816101
             |
       _cons |  -.3798762   .0996512    -3.81   0.012    -.6360377   -.1237147
-------------+----------------------------------------------------------------
     sigma_u |  .66339212
     sigma_e |  .28495681
         rho |  .84423168   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
232 . margins revny#year, noestimcheck

Adjusted predictions                            Number of obs     =        251
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |  -.4997998   .1240206    -4.03   0.000    -.7428756    -.256724
       0  1  |  -.4066081   .1142685    -3.56   0.000    -.6305703   -.1826459
       0  2  |  -.3798762   .0996512    -3.81   0.000    -.5751889   -.1845635
       0  3  |  -.3505531   .0762418    -4.60   0.000    -.4999843   -.2011219
       0  4  |  -.3069458   .0837646    -3.66   0.000    -.4711213   -.1427702
       0  5  |  -.2710633    .058015    -4.67   0.000    -.3847707    -.157356
       0  6  |  -.2831319   .0597928    -4.74   0.000    -.4003237   -.1659401
       0  7  |  -.2767932   .0576648    -4.80   0.000    -.3898141   -.1637723
       0  8  |  -.2745035   .0786747    -3.49   0.000     -.428703    -.120304
       0  9  |  -.2729874   .0733081    -3.72   0.000    -.4166686   -.1293062
       0 10  |  -.2888718   .1067059    -2.71   0.007    -.4980115    -.079732
       1  0  |  -.5629626   .2236369    -2.52   0.012    -1.001283   -.1246424
       1  1  |  -.4703609   .1791453    -2.63   0.009    -.8214792   -.1192426
       1  2  |  -.3798762   .0996512    -3.81   0.000    -.5751889   -.1845635
       1  3  |  -.6236209   .1850711    -3.37   0.001    -.9863535   -.2608883
       1  4  |  -.7086766   .1596481    -4.44   0.000    -1.021581   -.3957721
       1  5  |  -.5903603   .3268273    -1.81   0.071     -1.23093    .0502093
       1  6  |  -.3534646   .1216412    -2.91   0.004    -.5918769   -.1150523
       1  7  |  -.3985425   .1424235    -2.80   0.005    -.6776874   -.1193976
       1  8  |  -.3212901   .1547045    -2.08   0.038    -.6245053   -.0180748
       1  9  |  -.3156685   .1475068    -2.14   0.032    -.6047764   -.0265605
       1 10  |  -.4275738   .1525091    -2.80   0.005    -.7264862   -.1286614
------------------------------------------------------------------------------
```

```
233 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 6 revolutions and 19 matched cases

234 . ttest $yvar if success==1 & leftist==1 & year>4 & year<=10, by(revny)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |     114   -.4697629    .0552359    .5897582   -.5791953   -.3603306
       1 |      36   -.2107216    .1282379    .7694275   -.4710584    .0496152
---------+--------------------------------------------------------------------
combined |     150    -.407593    .0526096    .6443333   -.5115503   -.3036358
---------+--------------------------------------------------------------------
    diff |           -.2590413     .121751               -.4996362   -.0184465
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -2.1276
Ho: diff = 0                                     degrees of freedom =      148

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0175         Pr(|T| > |t|) = 0.0350          Pr(T > t) = 0.9825

235 . xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], fe cluster(revid)
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       708
Group variable: diffid                          Number of groups   =        78

R-sq:  within  = 0.0691                         Obs per group: min =         2
       between = 0.0058                                        avg =       9.1
       overall = 0.0000                                        max =        11

                                                F(20,23)           =     87.27
corr(u_i, Xb)  = -0.0842                        Prob > F           =    0.0000

                                (Std. Err. adjusted for 24 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
statecapac~y |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   .0089381   .0390779     0.23   0.821    -.0719007    .0897769
          1  |   .0355401   .0299685     1.19   0.248    -.0264546    .0975347
          3  |   .0520394   .0477766     1.09   0.287    -.0467941    .1508729
          4  |   .0167516     .04617     0.36   0.720    -.0787582    .1122614
          5  |   .0780818   .0493549     1.58   0.127    -.0240167    .1801803
```

```
           6  |   .0797999   .0630706     1.27   0.218    -.0506715    .2102713
           7  |   .0920983    .061733     1.49   0.149    -.0356061    .2198027
           8  |   .1444504    .068762     2.10   0.047     .0022053    .2866956
           9  |    .162811   .0760731     2.14   0.043     .0054418    .3201802
          10  |   .1504337   .0766976     1.96   0.062    -.0082273    .3090947
              |
  revny#year |
       1  0  |  -.0621938   .0662471    -0.94   0.358    -.1992362    .0748487
       1  1  |  -.0809508    .049989    -1.62   0.119    -.1843609    .0224593
       1  3  |  -.2115167   .0469968    -4.50   0.000     -.308737   -.1142964
       1  4  |  -.1185767   .1059136    -1.12   0.274    -.3376757    .1005222
       1  5  |  -.1339842   .0735259    -1.82   0.081    -.2860841    .0181157
       1  6  |  -.1282872   .0809716    -1.58   0.127    -.2957897    .0392152
       1  7  |   -.094871   .0706743    -1.34   0.193     -.241072     .05133
       1  8  |  -.1547855   .0940053    -1.65   0.113    -.3492503    .0396794
       1  9  |  -.1891542    .103563    -1.83   0.081    -.4033906    .0250822
       1 10  |  -.1320369   .0939633    -1.41   0.173    -.3264147    .0623409
              |
       _cons |  -.1228426   .0329348    -3.73   0.001    -.1909734   -.0547117
-------------+----------------------------------------------------------------
     sigma_u |  .71676614
     sigma_e |  .19731867
         rho |  .92955405   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
236 . margins revny#year, noestimcheck

Adjusted predictions                            Number of obs     =        708
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |  -.1139045   .0534634    -2.13   0.033    -.2186908   -.0091181
       0  1  |  -.0873025   .0443501    -1.97   0.049    -.1742271   -.0003779
       0  2  |  -.1228426   .0329348    -3.73   0.000    -.1873936   -.0582915
       0  3  |  -.0708031    .042699    -1.66   0.097    -.1544916    .0128853
       0  4  |   -.106091   .0407986    -2.60   0.009    -.1860549   -.0261271
       0  5  |  -.0447608   .0374075    -1.20   0.231    -.1180781    .0285566
       0  6  |  -.0430427   .0450617    -0.96   0.339     -.131362    .0452767
       0  7  |  -.0307443   .0448686    -0.69   0.493    -.1186852    .0571966
       0  8  |   .0216079   .0546946     0.40   0.693    -.0855916    .1288074
       0  9  |   .0399684   .0597276     0.67   0.503    -.0770955    .1570324
       0 10  |   .0275911   .0581136     0.47   0.635    -.0863094    .1414917
       1  0  |  -.1760982    .049699    -3.54   0.000    -.2735065   -.0786899
       1  1  |  -.1682533   .0369242    -4.56   0.000    -.2406233   -.0958833
       1  2  |  -.1228426   .0329348    -3.73   0.000    -.1873936   -.0582915
       1  3  |  -.2823198   .0354821    -7.96   0.000    -.3518635   -.2127761
       1  4  |  -.2246677   .0983266    -2.28   0.022    -.4173842   -.0319512
       1  5  |  -.1787449   .0439514    -4.07   0.000    -.2648882   -.0926017
       1  6  |  -.1713299   .0548137    -3.13   0.002    -.2787628    -.063897
       1  7  |  -.1256153   .0410463    -3.06   0.002    -.2060646   -.0451659
       1  8  |  -.1331776   .0528443    -2.52   0.012    -.2367505   -.0296047
       1  9  |  -.1491858   .0637458    -2.34   0.019    -.2741252   -.0242464
       1 10  |  -.1044458   .0685865    -1.52   0.128    -.2388729    .0299813
------------------------------------------------------------------------------

237 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 24 revolutions and 54 matched cases

238 . ttest $yvar if success==1 & urbancivic==1 & year>4 & year<=10, by(revny)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |     271   -.1686725     .043696    .7193271   -.2547007   -.0826443
       1 |     103    -.241073     .074826    .7594009     -.38949    -.092656
---------+--------------------------------------------------------------------
combined |     374   -.1886117    .0377615    .7302724   -.2628638   -.1143596
---------+--------------------------------------------------------------------
    diff |            .0724005    .0845615               -.0938781    .2386791
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.8562
Ho: diff = 0                                     degrees of freedom =      372

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8038         Pr(|T| > |t|) = 0.3924          Pr(T > t) = 0.1962

239 .
240 . * ====================================================
241 . * ECONOMIC GROWTH--MATCHED SAMPLES, DATA FOR FIGURE 9.4
242 . * ====================================================
243 . * Matched cases (successful vs. failed revolutions)
244 . * Multiple imputation
```

```
245 . clear

246 . use matcheddiffindifflong.dta, clear

247 . global yvar = "gdpa1990index"

248 . quietly: chp9matchmultimp

249 . * Failed revolutions vs. matched counterparts
250 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==0 [pweight=freqwt],
    > fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =      2,332

    Group variable: diffid                          Number of groups  =        212
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0377
                                                    Largest FMI       =     0.0377
                                                    Complete DF       =         61
    DF adjustment:   Small sample                   DF:     min       =      56.55
                                                            avg       =      58.16
                                                            max       =      59.09
    Model F test:       Equal FMI                   F(  20,   58.9)   =       8.08
    Within VCE type:       Robust                   Prob > F          =     0.0000

                                  (Within VCE adjusted for 62 clusters in revid)
    ------------------------------------------------------------------------------
    gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
               0 |  -5.076296   .9890938    -5.13   0.000    -7.055963   -3.096629
               1 |  -1.985931   .5881864    -3.38   0.001    -3.163208   -.8086543
               3 |   8.066459   2.143081     3.76   0.000     3.777948    12.35497
               4 |   10.48338   2.171708     4.83   0.000     6.137537    14.82923
               5 |   12.15575   2.272405     5.35   0.000      7.60841    16.70309
               6 |   14.83552   2.428474     6.11   0.000     9.976067    19.69498
               7 |   17.40873   2.579417     6.75   0.000     12.24649    22.57097
               8 |   20.24163   2.740839     7.39   0.000       14.756    25.72726
               9 |   22.88374   2.972338     7.70   0.000     16.93481    28.83267
              10 |   24.99704    3.14818     7.94   0.000     18.69668     31.2974
                 |
      revny#year |
            1  0 |   2.294727   1.528443     1.50   0.139    -.7651013    5.354555
            1  1 |  -.2717305   .7656271    -0.35   0.724    -1.804649    1.261188
            1  3 |  -8.626884   2.004394    -4.30   0.000    -12.63945   -4.614318
            1  4 |  -7.955355   2.190543    -3.63   0.001     -12.3426   -3.568114
            1  5 |  -6.380778   2.589374    -2.46   0.017    -11.56609    -1.19547
            1  6 |  -6.429879   3.011269    -2.14   0.037    -12.45856   -.4012029
            1  7 |   -5.92674   3.454079    -1.72   0.092    -12.84089    .9874135
            1  8 |  -3.707734   3.746832    -0.99   0.326    -11.20742    3.791947
            1  9 |  -3.282946   3.863184    -0.85   0.399    -11.01601    4.450116
            1 10 |  -3.428246   3.956548    -0.87   0.390    -11.34728    4.490784
                 |
            cons |        100   1.767795    56.57   0.000     96.46277    103.5372
    -------------+----------------------------------------------------------------
         sigma_u |  18.714362
         sigma_e |  15.125817
             rho |  .60486468   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

251 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =      2,332
                                                    Average RVI       =     2.1113
                                                    Largest FMI       =     0.0547
                                                    Complete DF       =         61
    DF adjustment:   Small sample                   DF:     min       =      55.13
                                                            avg       =      57.98
    Within VCE type: Delta-method                           max       =      59.09

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3

    5._at        : revny           =           0
                   year            =           4

    6._at        : revny           =           0
                   year            =           5
```

```
7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22. at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |    94.9237   2.059836    46.08   0.000     90.80187    99.04554
          2  |   98.01407   1.847941    53.04   0.000     94.31637    101.7118
          3  |        100   1.767795    56.57   0.000     96.46277    103.5372
          4  |   108.0665   1.484281    72.81   0.000      105.096    111.0369
          5  |   110.4834    1.34914    81.89   0.000     107.7832    113.1836
          6  |   112.1558   1.314493    85.32   0.000     109.5248    114.7867
          7  |   114.8355   1.491146    77.01   0.000     111.8514    117.8196
          8  |   117.4087   1.581239    74.25   0.000      114.243    120.5745
          9  |   120.2416   1.699614    70.75   0.000     116.8383     123.645
         10  |   122.8837   1.935569    63.49   0.000     119.0083    126.7592
         11  |    124.997   2.122472    58.89   0.000     120.7484    129.2457
         12  |   97.21843   2.386869    40.73   0.000     92.44183     101.995
         13  |   97.74234   2.006118    48.72   0.000     93.72799    101.7567
         14  |        100   1.767795    56.57   0.000     96.46277    103.5372
         15  |   99.43958   1.546529    64.30   0.000     96.34337    102.5358
         16  |    102.528   1.354523    75.69   0.000     99.81365    105.2424
         17  |    105.775   1.687721    62.67   0.000      102.394    109.1559
         18  |   108.4056   1.984063    54.64   0.000     104.4322    112.3791
         19  |    111.482   2.372482    46.99   0.000     106.7334    116.2306
         20  |   116.5339   2.655328    43.89   0.000     111.2196    121.8482
         21  |   119.6008   2.794442    42.80   0.000     114.0073    125.1943
         22  |   121.5688   2.908797    41.79   0.000     115.7459    127.3917
------------------------------------------------------------------------------

252 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 62 revolutions and 150 matched cases

253 . * Results loaded into MS Excel and graphed
254 . * Successful revolutions vs. matched counterparts
255 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 [pweight=freqwt],
    > fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =      2,255
```

```
Group variable: diffid                          Number of groups  =        205
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.1472
                                                Largest FMI       =     0.1294
                                                Complete DF       =         58
DF adjustment:   Small sample                   DF:     min       =      45.57
                                                        avg       =      52.19
                                                        max       =      56.10
Model F test:       Equal FMI                   F(  20,   55.1)   =       5.67
Within VCE type:       Robust                   Prob > F          =     0.0000

                                 (Within VCE adjusted for 59 clusters in revid)
------------------------------------------------------------------------------
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -3.597883    .820408    -4.39   0.000    -5.247616   -1.948149
          1  |  -2.173357   .4547923    -4.78   0.000    -3.085444   -1.261271
          3  |   1.643821   .8616756     1.91   0.063    -.0906124    3.378255
          4  |    3.20263   1.317098     2.43   0.019     .5598761    5.845383
          5  |   5.469077   1.764396     3.10   0.003       1.9293    9.008855
          6  |   7.937022   2.218457     3.58   0.001     3.486931    12.38711
          7  |   11.16627   2.508665     4.45   0.000     6.134452    16.19809
          8  |   13.99499   2.875774     4.87   0.000       8.2269    19.76308
          9  |   17.38622   3.289109     5.29   0.000     10.79014     23.9823
         10  |   20.94226   3.683137     5.69   0.000     13.55639    28.32814
             |
  revny#year |
        1  0 |   2.542696   1.405491     1.81   0.077    -.2871321    5.372524
        1  1 |   1.844534   .8282619     2.23   0.030       .18365    3.505418
        1  3 |   -7.74092   2.180221    -3.55   0.001    -12.10977   -3.372066
        1  4 |  -8.695848   2.291635    -3.79   0.000    -13.28848   -4.103211
        1  5 |  -9.128577   2.503517    -3.65   0.001    -14.14762   -4.109534
        1  6 |  -9.448509    2.83255    -3.34   0.002    -15.12962   -3.767394
        1  7 |  -9.884099   2.785755    -3.55   0.001     -15.4773   -4.290897
        1  8 |  -11.11882   3.196515    -3.48   0.001     -17.5374   -4.700239
        1  9 |  -12.15464   3.609265    -3.37   0.001    -19.39823   -4.911056
        1 10 |  -13.68166    4.16186    -3.29   0.002     -22.0291   -5.334219
             |
       _cons |        100    1.38534    72.18   0.000     97.22494    102.7751
-------------+----------------------------------------------------------------
     sigma_u |  13.227109
     sigma_e |  12.865138
         rho |   .5138701   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

256 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =      2,255
                                                Average RVI       =     4.0410
                                                Largest FMI       =     0.1168
                                                Complete DF       =         58
DF adjustment:   Small sample                   DF:     min       =      46.79
                                                        avg       =      52.57
Within VCE type: Delta-method                           max       =      56.10

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0
```

```
13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17. at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   96.40212    1.82148    52.93   0.000     92.75152    100.0527
          2  |   97.82664   1.551084    63.07   0.000     94.71932     100.934
          3  |        100    1.38534    72.18   0.000     97.22494    102.7751
          4  |   101.6438   1.113452    91.29   0.000     99.40816    103.8795
          5  |   103.2026    1.07395    96.10   0.000     101.0452    105.3601
          6  |   105.4691   1.197104    88.10   0.000     103.0605    107.8776
          7  |    107.937    1.47536    73.16   0.000     104.9693    110.9047
          8  |   111.1663   1.626029    68.37   0.000     107.8954    114.4371
          9  |    113.995   1.982392    57.50   0.000     110.0102    117.9798
         10  |   117.3862   2.422125    48.46   0.000     112.5222    122.2502
         11  |   120.9423   2.827831    42.77   0.000     115.2657    126.6188
         12  |   98.94481    1.99657    49.56   0.000     94.94292    102.9467
         13  |   99.67118   1.690269    58.97   0.000     96.28499    103.0574
         14  |        100    1.38534    72.18   0.000     97.22494    102.7751
         15  |    93.9029   1.713675    54.80   0.000     90.46884    97.33696
         16  |   94.50678   1.634495    57.82   0.000     91.23141    97.78215
         17  |    96.3405   1.608512    59.89   0.000     93.11623    99.56477
         18  |   98.48851   1.768104    55.70   0.000     94.94388    102.0331
         19  |   101.2822   1.814388    55.82   0.000     97.64367    104.9207
         20  |   102.8762   1.898555    54.19   0.000     99.06669    106.6857
         21  |   105.2316   2.029825    51.84   0.000     101.1606    109.3026
         22  |   107.2606   2.419562    44.33   0.000     102.4094    112.1118
------------------------------------------------------------------------------

257 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 59 revolutions and 146 matched cases

258 . * Results loaded into MS Excel and graphed
259 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 5.8 percent of observations

260 . * Complete case sample as robustness test
261 . clear

262 . use matcheddiffindifflong.dta, clear

263 . xtreg $yvar i.revny##ib(2).year if success==0 [pweight=freqwt], fe cluster(revid)
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =      2265
    Group variable: diffid                          Number of groups   =       212

    R-sq:  within  = 0.2792                         Obs per group: min =         1
           between = 0.0089                                        avg =      10.7
           overall = 0.1146                                        max =        11

                                                    F(20,61)           =      8.78
    corr(u_i, Xb)  = -0.0080                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 62 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -5.031912   .9900469    -5.08   0.000    -7.011633   -3.052191
          1  |  -1.971844   .5888828    -3.35   0.001    -3.149388   -.7943001
          3  |   8.040806   2.164221     3.72   0.000     3.713179    12.36843
          4  |   10.50619    2.18714     4.80   0.000     6.132736    14.87965
          5  |   12.22487   2.272458     5.38   0.000     7.680814    16.76893
          6  |   15.00213   2.441314     6.15   0.000     10.12042    19.88384
          7  |   17.58778   2.584202     6.81   0.000     12.42035    22.75521
          8  |   20.46794   2.727811     7.50   0.000     15.01334    25.92253
          9  |   22.82941   3.050795     7.48   0.000     16.72897    28.92985
         10  |   24.85155   3.268069     7.60   0.000     18.31665    31.38646
```

```
             |
  revny#year |
       1  0  |   2.271421   1.523408     1.49   0.141    -.7748206    5.317663
       1  1  |  -.2778345   .7587976    -0.37   0.716    -1.795144    1.239475
       1  3  |  -8.644305   2.000433    -4.32   0.000    -12.64442   -4.644192
       1  4  |   -8.00617   2.157447    -3.71   0.000    -12.32025   -3.692089
       1  5  |  -6.446684   2.546016    -2.53   0.014    -11.53776    -1.35561
       1  6  |  -6.836805     2.9908    -2.29   0.026    -12.81728   -.8563309
       1  7  |  -6.511324   3.484629    -1.87   0.066    -13.47927    .4566223
       1  8  |   -4.23271   3.804617    -1.11   0.270    -11.84051    3.375093
       1  9  |  -3.483195   3.954662    -0.88   0.382    -11.39103    4.424639
       1 10  |  -3.887198   4.061143    -0.96   0.342    -12.00795     4.23356
             |
       _cons |   99.95995   1.781974    56.10   0.000     96.39667    103.5232
-------------+----------------------------------------------------------------
     sigma_u |  18.522611
     sigma_e |  15.210867
         rho |  .59723661   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
264 . margins revny#year

Adjusted predictions                            Number of obs     =      2,265
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   94.92803   2.070771    45.84   0.000      90.8694    98.98667
       0  1  |    97.9881   1.860048    52.68   0.000     94.34247    101.6337
       0  2  |          .  (not estimable)
       0  3  |   108.0008   1.489346    72.52   0.000     105.0817    110.9198
       0  4  |   110.4661   1.359103    81.28   0.000     107.8023    113.1299
       0  5  |   112.1848   1.312759    85.46   0.000     109.6119    114.7578
       0  6  |   114.9621   1.495544    76.87   0.000     112.0309    117.8933
       0  7  |   117.5477   1.569561    74.89   0.000     114.4714     120.624
       0  8  |   120.4279   1.664235    72.36   0.000      117.166    123.6897
       0  9  |   122.7894   1.993947    61.58   0.000     118.8813    126.6974
       0 10  |   124.8115   2.229996    55.97   0.000     120.4408    129.1822
       1  0  |   97.19945   2.397064    40.55   0.000      92.5013    101.8976
       1  1  |   97.71027   2.019175    48.39   0.000     93.75276    101.6678
       1  2  |          .  (not estimable)
       1  3  |   99.35645   1.548094    64.18   0.000     96.32224    102.3907
       1  4  |     102.46   1.328865    77.10   0.000     99.85544    105.0645
       1  5  |   105.7381   1.662345    63.61   0.000       102.48    108.9963
       1  6  |   108.1253   1.982166    54.55   0.000     104.2403    112.0102
       1  7  |   111.0364   2.443526    45.44   0.000     106.2472    115.8256
       1  8  |   116.1952   2.752849    42.21   0.000     110.7997    121.5907
       1  9  |   119.3062   2.887262    41.32   0.000     113.6472    124.9651
       1 10  |   120.9243    2.99137    40.42   0.000     115.0613    126.7873
------------------------------------------------------------------------------
```

```
265 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 62 revolutions and 150 matched cases

266 . xtreg $yvar i.revny##ib(2).year if success==1 [pweight=freqwt], fe cluster(revid)
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =      2146
Group variable: diffid                          Number of groups   =       205

R-sq:  within  = 0.2083                         Obs per group: min =         1
       between = 0.0302                                        avg =      10.5
       overall = 0.0877                                        max =        11

                                                F(20,58)           =      7.62
corr(u_i, Xb)  = -0.0382                        Prob > F           =    0.0000

                                (Std. Err. adjusted for 59 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -3.273165   .8254694    -3.97   0.000    -4.925522   -1.620809
          1  |  -2.114007   .4411302    -4.79   0.000    -2.997025   -1.230989
          3  |   1.637565   .7910502     2.07   0.043     .0541058    3.221024
          4  |   3.135128   1.290289     2.43   0.018     .5523335    5.717923
          5  |   5.372326   1.741874     3.08   0.003     1.885586    8.859066
          6  |    7.92053   2.265922     3.50   0.001     3.384794    12.45627
          7  |   11.17685   2.572319     4.35   0.000     6.027791     16.3259
          8  |   14.08852   2.987417     4.72   0.000     8.108559    20.06849
          9  |   17.83397   3.495963     5.10   0.000     10.83604    24.83191
         10  |   21.70015   3.925603     5.53   0.000      13.8422     29.5581
             |
  revny#year |
       1  0  |   2.926187   1.258163     2.33   0.024     .4077006    5.444673
       1  1  |   1.806588   .8094492     2.23   0.030     .1862988    3.426876
       1  3  |  -7.771652   2.173061    -3.58   0.001    -12.12151   -3.421797
       1  4  |  -8.756124   2.259692    -3.87   0.000    -13.27939   -4.232858
       1  5  |  -9.175603   2.438309    -3.76   0.000    -14.05641   -4.294798
       1  6  |  -9.660897   2.771436    -3.49   0.001    -15.20853   -4.113264
       1  7  |  -10.08027   2.682069    -3.76   0.000    -15.44901    -4.71152
       1  8  |  -10.87054   2.921638    -3.72   0.000    -16.71883   -5.022243
       1  9  |  -12.10754   3.438268    -3.52   0.001    -18.98998   -5.225096
```

```
       1 10  |  -13.83209   4.082677    -3.39   0.001    -22.00446   -5.659726
             |
        _cons |   100.0268    1.42571    70.16   0.000     97.17293    102.8807
-------------+----------------------------------------------------------------
     sigma_u |  12.811402
     sigma_e |  12.699572
         rho |  .50438349   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
267 . margins revny#year

Adjusted predictions                            Number of obs     =      2,146
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |   96.75364   1.860146    52.01   0.000     93.10782    100.3995
        0  1 |    97.9128   1.591283    61.53   0.000     94.79394    101.0317
        0  2 |          .  (not estimable)
        0  3 |   101.6644   1.083702    93.81   0.000     99.54035    103.7884
        0  4 |   103.1619   1.021329   101.01   0.000     101.1602    105.1637
        0  5 |   105.3991   1.113686    94.64   0.000     103.2163    107.5819
        0  6 |   107.9473   1.423825    75.82   0.000     105.1567     110.738
        0  7 |   111.2037   1.569161    70.87   0.000     108.1282    114.2792
        0  8 |   114.1153   1.976457    57.74   0.000     110.2415    117.9891
        0  9 |   117.8608   2.518119    46.81   0.000     112.9254    122.7962
        0 10 |    121.727   2.972195    40.96   0.000     115.9016    127.5524
        1  0 |   99.67982   1.952571    51.05   0.000     95.85286    103.5068
        1  1 |   99.71938   1.747718    57.06   0.000     96.29392    103.1448
        1  2 |          .  (not estimable)
        1  3 |   93.89272   1.708246    54.96   0.000     90.54462    97.24082
        1  4 |   94.40581   1.606405    58.77   0.000     91.25731     97.5543
        1  5 |   96.22352   1.559833    61.69   0.000     93.16631    99.28074
        1  6 |   98.28644   1.779704    55.23   0.000     94.79828    101.7746
        1  7 |   101.1234   1.844093    54.84   0.000     97.50903    104.7377
        1  8 |   103.2448    1.72789    59.75   0.000     99.85819    106.6314
        1  9 |   105.7532   1.907743    55.43   0.000     102.0141    109.4923
        1 10 |   107.8949   2.320069    46.51   0.000     103.3476    112.4421
------------------------------------------------------------------------------
```

```
268 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 59 revolutions and 146 matched cases

269 .
270 . * ================================================================
271 . * ECONOMIC GROWTH, SOCIAL AND URBAN CIVIC EPISODES--MATCHED SAMPLES,
272 . *    FIGURES 9.5 AND 9.6
273 . * ================================================================
274 . * Social revs. vs. urban civic revs--matched samples
275 . * Multiple imputation
276 . clear

277 . use matcheddiffindifflong.dta, clear

278 . global yvar = "gdpa1990index"

279 . quietly: chp9matchmultimp

280 . * Failed social vs. matched counterparts
281 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==0 & leftist==1 [pwei
> ght=freqwt], fe cluster(revid)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        836

Group variable: diffid                          Number of groups  =         76
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.1673
                                                Largest FMI       =     0.0976
                                                Complete DF       =         22
DF adjustment:   Small sample                   DF:     min       =      18.28
                                                        avg       =      19.41
                                                        max       =      20.24
Model F test:       Equal FMI                   F(  20,   19.5)   =       4.87
Within VCE type:        Robust                  Prob > F          =     0.0005

                                 (Within VCE adjusted for 23 clusters in revid)
------------------------------------------------------------------------------
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -5.111599    1.55509    -3.29   0.004    -8.360256   -1.862942
          1  |   -1.93504   1.105846    -1.75   0.096    -4.243181    .3731017
          3  |   13.20028   4.477277     2.95   0.008     3.866387    22.53416
          4  |   15.26065   4.863403     3.14   0.005     5.121754    25.39954
          5  |    17.9359   4.991004     3.59   0.002     7.531144    28.34065
          6  |   21.02456   5.083968     4.14   0.001     10.42523    31.62389
          7  |   23.46659   5.283042     4.44   0.000     12.45208     34.4811
```

```
           8  |   25.15386   5.548708     4.53   0.000     13.58617    36.72154
           9  |    27.9571   5.911939     4.73   0.000     15.63228    40.28192
          10  |    29.9964   6.198509     4.84   0.000      17.0732     42.9196
              |
  revny#year |
        1  0  |    3.06095   1.939955     1.58   0.132    -1.010233    7.132134
        1  1  |   .9219464   1.183802     0.78   0.446     -1.56043    3.404323
        1  3  |  -10.19836   3.012154    -3.39   0.003    -16.50436   -3.892352
        1  4  |  -9.488841   3.512762    -2.70   0.014    -16.85876   -2.118924
        1  5  |  -9.923211    3.82686    -2.59   0.018    -17.95139   -1.895029
        1  6  |  -10.67996   4.138053    -2.58   0.018    -19.35086   -2.009066
        1  7  |  -11.57734   4.211949    -2.75   0.013    -20.41401   -2.740665
        1  8  |  -8.711986   4.769589    -1.83   0.084    -18.69967    1.275698
        1  9  |  -7.800836   5.023554    -1.55   0.137    -18.31789    2.716214
        1 10  |  -9.693298   5.333266    -1.82   0.085    -20.84662    1.460028
              |
       _cons  |        100   2.936747    34.05   0.000     93.87871    106.1213
-------------+----------------------------------------------------------------
     sigma_u |  22.040237
     sigma_e |  15.144915
         rho |  .67926797   (fraction of variance due to u i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

282 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        836
                                                Average RVI       =     3.0841
                                                Largest FMI       =     0.2027
                                                Complete DF       =         22
DF adjustment:   Small sample                   DF:     min       =      15.70
                                                        avg       =      19.02
Within VCE type: Delta-method                           max       =      20.24

Expression   : Linear prediction, predict(xb)

1. at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9._at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12. at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15. at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20._at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9
```

22._at   : revny   =   1
               year   =   10

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	94.8884	3.496903	27.13	0.000	87.59655	102.1802
2	98.06496	3.15223	31.11	0.000	91.49348	104.6364
3	100	2.936747	34.05	0.000	93.87871	106.1213
4	113.2003	2.543523	44.51	0.000	107.8958	118.5047
5	115.2606	2.615985	44.06	0.000	109.8047	120.7166
6	117.9359	2.591004	45.52	0.000	112.5321	123.3397
7	121.0246	2.747769	44.04	0.000	115.2926	126.7566
8	123.4666	2.752122	44.86	0.000	117.7249	129.2083
9	125.1539	3.070627	40.76	0.000	118.7497	131.558
10	127.9571	3.514969	36.40	0.000	120.627	135.2872
11	129.9964	3.864337	33.64	0.000	121.9365	138.0563
12	97.94935	3.31487	29.55	0.000	91.02893	104.8698
13	98.98691	3.074689	32.19	0.000	92.5744	105.3994
14	100	2.936747	34.05	0.000	93.87871	106.1213
15	103.0019	2.279051	45.20	0.000	98.22284	107.781
16	105.7718	1.963956	53.86	0.000	101.6021	109.9415
17	108.0127	2.216622	48.73	0.000	103.3063	112.7191
18	110.3446	2.352049	46.91	0.000	105.3626	115.3266
19	111.8893	2.387016	46.87	0.000	106.8351	116.9434
20	116.4419	2.992776	38.91	0.000	110.1497	122.734
21	120.1563	3.585943	33.51	0.000	112.6379	127.6746
22	120.3031	3.418402	35.19	0.000	113.1436	127.4626

283 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 23 revolutions and 53 matched cases

284 . * Results loaded into MS Excel and graphed
285 . * Successful social vs. matched counterparts
286 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pwei
> ght=freqwt], fe cluster(revid)

Imputations (10):
  ....10 done

Multiple-imputation estimates — Imputations = 10
Fixed-effects (within) regression — Number of obs = 374

Group variable: diffid — Number of groups = 34
Obs per group:
min = 11
avg = 11.0
max = 11
Average RVI = 0.5783
Largest FMI = 0.3229
Complete DF = 8
DF: min = 4.73
avg = 5.96
max = 6.55
DF adjustment: Small sample
F(17, .) = .
Within VCE type: Robust — Prob > F = .

(Within VCE adjusted for 9 clusters in revid)

gdpa1990in~x	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-5.349538	1.43098	-3.74	0.009	-8.843667	-1.855409
1	-2.762325	1.01157	-2.73	0.033	-5.214542	-.3101076
3	5.542415	2.505683	2.21	0.077	-.8571711	11.942
4	9.840961	3.064522	3.21	0.021	2.155705	17.52622
5	12.35079	3.487705	3.54	0.014	3.665067	21.03651
6	15.29486	3.693852	4.14	0.007	6.062832	24.5269
7	14.78415	4.041295	3.66	0.012	4.715398	24.85291
8	14.95915	4.128856	3.62	0.014	4.537971	25.38034
9	17.60559	4.47611	3.93	0.010	6.189072	29.0221
10	19.86866	4.214084	4.71	0.006	8.846248	30.89107
revny#year						
1 0	5.467693	2.380722	2.30	0.059	-.2762765	11.21166
1 1	4.847628	2.517079	1.93	0.099	-1.198915	10.89417
1 3	-13.90867	8.589948	-1.62	0.153	-34.58989	6.772542
1 4	-19.56279	9.832714	-1.99	0.090	-43.22477	4.099185
1 5	-19.94526	10.09323	-1.98	0.092	-44.24041	4.349883
1 6	-18.96574	9.62394	-1.97	0.093	-42.1599	4.228424
1 7	-13.92359	9.138488	-1.52	0.176	-35.9755	8.128324
1 8	-10.70503	9.724046	-1.10	0.311	-34.19438	12.78431
1 9	-11.29643	10.61873	-1.06	0.326	-36.97323	14.38037
1 10	-12.17958	11.42878	-1.07	0.326	-39.80963	15.45046
_cons	100	3.298063	30.32	0.000	92.09018	107.9098
sigma_u	12.977964					
sigma_e	12.233465					
rho	.52950451	(fraction of variance due to u_i)				

Note: sigma_u and sigma_e are combined in the original metric.

```
287 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =  1077.7756
                                                Largest FMI       =     0.2535
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       5.18
                                                        avg       =       6.22
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9. at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20. at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   94.65046   2.392866    39.56   0.000     88.87756    100.4234
          2  |   97.23768   3.217204    30.22   0.000     89.51417    104.9612
          3  |        100   3.298063    30.32   0.000     92.09018    107.9098
          4  |   105.5424   3.617015    29.18   0.000     96.64725    114.4376
          5  |    109.841   4.076956    26.94   0.000     99.84165    119.8403
          6  |   112.3508   4.466343    25.15   0.000     101.4125     123.289
          7  |   115.2949   4.021394    28.67   0.000     105.3224    125.2673
          8  |   114.7842   4.161979    27.58   0.000     104.4424     125.126
          9  |   114.9592   4.563401    25.19   0.000     103.5729    126.3454
         10  |   117.6056   5.162016    22.78   0.000      104.689    130.5221
         11  |   119.8687   4.838111    24.78   0.000     107.5605    132.1768
         12  |   100.1182   3.539397    28.29   0.000     91.62954    108.6068
         13  |   102.0853    4.29864    23.75   0.000     91.77578    112.3948
         14  |        100   3.298063    30.32   0.000     92.09018    107.9098
         15  |   91.63374   5.675859    16.14   0.000      78.0212    105.2463
         16  |   90.27817    6.51631    13.85   0.000     74.64995    105.9064
         17  |   92.40553   6.521013    14.17   0.000     76.76603     108.045
         18  |   96.32913   6.204431    15.53   0.000     81.44889    111.2094
```

```
         19  |   100.8606   5.481236    18.40   0.000     87.71479    114.0063
         20  |   104.2541   5.834057    17.87   0.000     90.26216    118.2461
         21  |   106.3092   6.342657    16.76   0.000     91.09741    121.5209
         22  |   107.6891   7.460089    14.44   0.000     89.79737    125.5808
------------------------------------------------------------------------------

288 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

289 . * Results loaded into MS Excel and graphed
290 . * Failed urban civic vs. matched counterparts
291 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==0 & urbancivic==1 [p
> weight=freqwt], fe cluster(revid)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        418

Group variable: diffid                          Number of groups  =         38
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          9
                                                DF:     min       =       7.50
                                                        avg       =       7.50
DF adjustment:   Small sample                           max       =       7.50
                                                F(   9,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 10 clusters in revid)
------------------------------------------------------------------------------
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -6.420183    1.61025    -3.99   0.005    -10.17696   -2.663407
          1  |  -3.195277   .9252625    -3.45   0.010    -5.353951   -1.036603
          3  |   1.656634   1.141306     1.45   0.187    -1.006079    4.319347
          4  |   4.535625   1.959155     2.32   0.051    -.0351612    9.106412
          5  |   7.330144     2.8857     2.54   0.037     .5976917     14.0626
          6  |   9.219765   3.451697     2.67   0.030     1.166819    17.27271
          7  |   11.07964   3.300371     3.36   0.011     3.379747    18.77954
          8  |   14.33858   3.878004     3.70   0.007     5.291041    23.38611
          9  |   17.27174    4.58786     3.76   0.006     6.568078    27.97539
         10  |    19.8754   5.463444     3.64   0.007     7.128966    32.62183
             |
  revny#year |
        1  0 |   .4422484   2.148995     0.21   0.842    -4.571442    5.455939
        1  1 |  -.5043287   1.277798    -0.39   0.704    -3.485481    2.476824
        1  3 |  -1.951914    2.84672    -0.69   0.514    -8.593424    4.689596
        1  4 |  -1.707425   6.293974    -0.27   0.793    -16.39152    12.97667
        1  5 |   1.376675   9.305784     0.15   0.886    -20.33409    23.08744
        1  6 |    5.57811   10.93911     0.51   0.625    -19.94326    31.09948
        1  7 |   9.865873   12.78546     0.77   0.464     -19.9631    39.69485
        1  8 |   11.53636   13.09313     0.88   0.406    -19.01042    42.08315
        1  9 |   12.05935   12.72811     0.95   0.373    -17.63584    41.75454
        1 10 |   10.77231   12.60306     0.85   0.419    -18.63114    40.17575
             |
       _cons |        100   5.036928    19.85   0.000     88.24865    111.7514
-------------+----------------------------------------------------------------
     sigma_u |  14.655124
     sigma_e |  16.999991
         rho |   .4263288   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

292 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        418
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          9
DF adjustment:   Small sample                   DF:     min       =       7.50
                                                        avg       =       7.50
Within VCE type: Delta-method                           max       =       7.50

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4
```

```
6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10. at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
          at |
           1  |   93.57982   6.214868    15.06   0.000     79.08028    108.0793
           2  |   96.80472   5.723138    16.91   0.000     83.45242     110.157
           3  |        100   5.036928    19.85   0.000     88.24865    111.7514
           4  |   101.6566   4.273393    23.79   0.000     91.68664    111.6266
           5  |   104.5356   3.634381    28.76   0.000     96.05647    113.0148
           6  |   107.3301   2.885952    37.19   0.000     100.5971    114.0632
           7  |   109.2198   3.112085    35.10   0.000     101.9591    116.4804
           8  |   111.0796   3.357448    33.08   0.000     103.2466    118.9127
           9  |   114.3386   3.114166    36.72   0.000     107.0731     121.604
          10  |   117.2717   3.020027    38.83   0.000     110.2259    124.3176
          11  |   119.8754    3.42994    34.95   0.000     111.8732    127.8776
          12  |   94.02206   6.591052    14.27   0.000     78.64488    109.3993
          13  |   96.30039   5.855401    16.45   0.000     82.63951    109.9613
          14  |        100   5.036928    19.85   0.000     88.24865    111.7514
          15  |   99.70472   2.979528    33.46   0.000     92.75336    106.6561
          16  |   102.8282   3.342275    30.77   0.000     95.03054    110.6259
          17  |   108.7068   6.669188    16.30   0.000     93.14734    124.2663
          18  |   114.7979   8.243305    13.93   0.000     95.56592    134.0298
          19  |   120.9455   9.715786    12.45   0.000      98.2782    143.6128
          20  |   125.8749   10.44561    12.05   0.000     101.5049     150.245
          21  |   129.3311   10.44078    12.39   0.000     104.9723    153.6898
          22  |   130.6477   10.71208    12.20   0.000      105.656    155.6394
------------------------------------------------------------------------------

293 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 10 revolutions and 28 matched cases

294 . * Results loaded into MS Excel and graphed
295 . * Successful urban civic vs. matched counterparts
296 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [p
    > weight=freqwt], fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946
```

```
Group variable: diffid                          Number of groups  =         86
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2946
                                                Largest FMI       =     0.1466
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      19.46
                                                        avg       =      22.14
                                                        max       =      23.21
Model F test:       Equal FMI                   F(  20,   21.7)   =       5.15
Within VCE type:       Robust                   Prob > F          =     0.0002

                                 (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |  -4.513877   1.070246    -4.22   0.000    -6.726719   -2.301036
           1 |  -2.624019   .4858332    -5.40   0.000    -3.628529    -1.61951
           3 |   1.584373    .910634     1.74   0.095    -.2984555    3.467201
           4 |   3.111967   1.740949     1.79   0.087     -.487622    6.711556
           5 |   4.832891   2.526596     1.91   0.068    -.3911021    10.05688
           6 |   7.563388   3.230406     2.34   0.028     .8819009    14.24488
           7 |   11.16076   3.869954     2.88   0.008     3.156428    19.16508
           8 |   14.43775   4.481916     3.22   0.004     5.163217    23.71229
           9 |   17.96598   5.062699     3.55   0.002      7.47864    28.45333
          10 |   21.61282   5.638263     3.83   0.001     9.934608    33.29103
             |
  revny#year |
        1  0 |   1.155486   1.761164     0.66   0.519    -2.505544    4.816515
        1  1 |   1.392254   .8671567     1.61   0.123    -.4104327    3.194941
        1  3 |  -2.171501   1.334844    -1.63   0.120    -4.960932    .6179307
        1  4 |  -2.682483   1.835789    -1.46   0.158    -6.493885    1.128919
        1  5 |  -2.954671   2.377398    -1.24   0.227    -7.890116    1.980775
        1  6 |  -4.076352   3.443647    -1.18   0.249    -11.21967    3.066967
        1  7 |  -5.244372   3.980597    -1.32   0.202    -13.50967    3.020927
        1  8 |  -6.780488   4.921509    -1.38   0.183    -17.01972    3.458746
        1  9 |   -8.62952   5.730886    -1.51   0.147    -20.55429    3.295249
        1 10 |   -9.04003   6.420691    -1.41   0.173    -22.36949    4.289435
             |
       _cons |        100   2.016228    49.60   0.000     95.83124    104.1688
-------------+----------------------------------------------------------------
     sigma_u |  12.265333
     sigma_e |  12.516536
         rho |  .48986447   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

297 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        946
                                                Average RVI       =    21.2698
                                                Largest FMI       =     0.1785
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      18.51
                                                        avg       =      21.96
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0
```

```
13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17. at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

_at	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1	95.48612	2.858497	33.40	0.000	89.57589	101.3964
2	97.37598	2.348318	41.47	0.000	92.52059	102.2314
3	100	2.016228	49.60	0.000	95.83124	104.1688
4	101.5844	1.472737	68.98	0.000	98.53934	104.6294
5	103.112	1.127896	91.42	0.000	100.7799	105.444
6	104.8329	1.404135	74.66	0.000	101.9297	107.7361
7	107.5634	1.861818	57.77	0.000	103.7097	111.417
8	111.1608	2.343941	47.42	0.000	106.3096	116.0119
9	114.4378	3.009143	38.03	0.000	108.2038	120.6717
10	117.966	3.69546	31.92	0.000	110.2958	125.6362
11	121.6128	4.336645	28.04	0.000	112.6179	130.6078
12	96.64161	2.833521	34.11	0.000	90.7725	102.5107
13	98.76824	2.321012	42.55	0.000	93.96637	103.5701
14	100	2.016228	49.60	0.000	95.83124	104.1688
15	99.41287	1.461839	68.01	0.000	96.365	102.4607
16	100.4295	1.357597	73.98	0.000	97.5978	103.2612
17	101.8782	1.465453	69.52	0.000	98.80546	104.951
18	103.487	2.336806	44.29	0.000	98.62448	108.3496
19	105.9164	2.858346	37.06	0.000	99.97252	111.8603
20	107.6573	3.076699	34.99	0.000	101.2437	114.0708
21	109.3365	3.513453	31.12	0.000	102.0353	116.6376
22	112.5728	4.060508	27.72	0.000	104.1429	121.0027

```
298 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

299 . * Results loaded into MS Excel and graphed
300 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 5.8 percent of observations

301 .
302 . * Complete case sample as robustness test
303 . use matcheddiffindifflong.dta, clear

304 . * To obtain values for failed social
305 . xtreg gdpa1990index i.revny##ib(2).year if success==0 & leftist==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       811
    Group variable: diffid                          Number of groups   =        76

    R-sq:  within  = 0.3319                         Obs per group: min =         1
           between = 0.0301                                        avg =      10.7
           overall = 0.1267                                        max =        11

                                                    F(20,22)           =     11.25
    corr(u_i, Xb)  = -0.0002                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 23 clusters in revid)
```

gdpa1990in~x	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-4.9813	1.544008	-3.23	0.004	-8.183377	-1.779224
1	-1.90405	1.11105	-1.71	0.101	-4.208226	.4001259
3	13.20131	4.570488	2.89	0.009	3.722699	22.67992
4	15.4192	4.951883	3.11	0.005	5.149624	25.68878
5	18.25311	4.99827	3.65	0.001	7.887331	28.61888
6	21.54105	5.002021	4.31	0.000	11.16749	31.9146
7	24.1657	5.105111	4.73	0.000	13.57834	34.75305
8	25.97092	5.319344	4.88	0.000	14.93928	37.00257
9	27.95671	6.035919	4.63	0.000	15.43898	40.47444
10	29.97986	6.320434	4.74	0.000	16.87208	43.08764

```
             |
  revny#year |
       1  0  |   3.022319    1.86612     1.62   0.120    -.8477763    6.892415
       1  1  |   .9696623   1.129878     0.86   0.400    -1.373562    3.312886
       1  3  |   -10.1569   2.930734    -3.47   0.002    -16.23487   -4.078929
       1  4  |  -9.577599   3.336144    -2.87   0.009    -16.49634    -2.65886
       1  5  |  -10.12979    3.53256    -2.87   0.009    -17.45587    -2.80371
       1  6  |  -11.13466   3.810735    -2.92   0.008    -19.03764   -3.231681
       1  7  |  -12.32165   3.758886    -3.28   0.003     -20.1171   -4.526199
       1  8  |  -9.495773   4.427292    -2.14   0.043    -18.67741   -.3141323
       1  9  |  -7.675632   4.927919    -1.56   0.134    -17.89551    2.544246
       1 10  |  -9.453588   5.307696    -1.78   0.089    -20.46108      1.5539
             |
       _cons |   100.1317   2.967505    33.74   0.000     93.97745    106.2859
-------------+----------------------------------------------------------------
     sigma_u |  21.787695
     sigma_e |  15.237621
         rho |  .67153942   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
306 . margins i.revny#ib(2).year

Adjusted predictions                            Number of obs     =        811
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   95.15038   3.512109    27.09   0.000     88.26677     102.034
       0  1  |   98.22763   3.177436    30.91   0.000     91.99997    104.4553
       0  2  |          .  (not estimable)
       0  3  |    113.333   2.563172    44.22   0.000     108.3093    118.3567
       0  4  |   115.5509   2.689309    42.97   0.000     110.2799    120.8218
       0  5  |   118.3848   2.590902    45.69   0.000     113.3067    123.4629
       0  6  |   121.6727   2.648766    45.94   0.000     116.4812    126.8642
       0  7  |   124.2974   2.521394    49.30   0.000     119.3555    129.2392
       0  8  |   126.1026   2.791892    45.17   0.000     120.6306    131.5746
       0  9  |   128.0884   3.625079    35.33   0.000     120.9834    135.1934
       0 10  |   130.1115   3.968746    32.78   0.000     122.3329    137.8901
       1  0  |    98.1727   3.295133    29.79   0.000     91.71435     104.631
       1  1  |   99.19729   3.099269    32.01   0.000     93.12283    105.2717
       1  2  |          .  (not estimable)
       1  3  |   103.1761   2.198288    46.93   0.000     98.86752    107.4847
       1  4  |   105.9733   1.749394    60.58   0.000     102.5445     109.402
       1  5  |    108.255   1.960674    55.21   0.000     104.4121    112.0978
       1  6  |   110.5381   2.124066    52.04   0.000      106.375    114.7012
       1  7  |   111.9757   2.172358    51.55   0.000      107.718    116.2335
       1  8  |   116.6068   2.899954    40.21   0.000      110.923    122.2906
       1  9  |   120.4128    3.55577    33.86   0.000     113.4436    127.3819
       1 10  |   120.6579   3.428294    35.19   0.000     113.9386    127.3773
------------------------------------------------------------------------------
```

```
307 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 23 revolutions and 53 matched cases
```

```
308 . * To obtain values for successful social
309 . xtreg gdpa1990index i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       364
Group variable: diffid                          Number of groups   =        34

R-sq:  within  = 0.2752                         Obs per group: min =         1
       between = 0.1010                                        avg =      10.7
       overall = 0.2061                                        max =        11

                                                F(8,8)             =         .
corr(u_i, Xb)  = -0.0122                        Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -5.291655   1.368281    -3.87   0.005    -8.446916   -2.136394
          1  |  -2.704751   .9832091    -2.75   0.025    -4.972035   -.4374669
          3  |   5.702635   2.082843     2.74   0.026     .8995912    10.50568
          4  |   10.01113    2.75139     3.64   0.007     3.666411    16.35584
          5  |   12.40643   3.195369     3.88   0.005     5.037893    19.77496
          6  |   15.20981   3.348375     4.54   0.002     7.488445    22.93118
          7  |    14.3849   3.685914     3.90   0.005     5.885167    22.88463
          8  |   14.43823    3.54869     4.07   0.004     6.254931    22.62152
          9  |   17.08422   3.748663     4.56   0.002     8.439791    25.72866
         10  |   19.41474   3.259187     5.96   0.000     11.89904    26.93043
             |
  revny#year |
       1  0  |   5.409811   2.317062     2.33   0.048      .066657    10.75296
       1  1  |   4.790055   2.497275     1.92   0.091    -.9686713    10.54878
       1  3  |  -14.06889   8.590733    -1.64   0.140    -33.87916    5.741375
       1  4  |  -19.73296   9.858648    -2.00   0.080    -42.46704    3.001124
       1  5  |   -20.0009   10.03808    -1.99   0.081    -43.14875    3.146953
       1  6  |  -18.88069    9.43897    -2.00   0.080    -40.64699    2.885618
       1  7  |  -13.52433   8.800646    -1.54   0.163    -33.81866    6.769993
       1  8  |  -10.18411   9.404723    -1.08   0.310    -31.87144    11.50322
```

```
       1  9  |  -10.77507   10.34103    -1.04   0.328    -34.62152    13.07138
       1 10  |  -11.72566   11.14165    -1.05   0.323    -37.41835    13.96703
             |
       _cons |        100   3.372693    29.65   0.000     92.22256    107.7774
-------------+----------------------------------------------------------------
     sigma_u |  12.610283
     sigma_e |  12.177786
         rho |  .51744249   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
310 . margins i.revny#ib(2).year

Adjusted predictions                            Number of obs     =        364
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   94.70834   2.379223    39.81   0.000     90.04515    99.37154
       0  1  |   97.29525   3.294124    29.54   0.000     90.83889    103.7516
       0  2  |          .  (not estimable)
       0  3  |   105.7026   3.570598    29.60   0.000     98.70439    112.7009
       0  4  |   110.0111     4.0762    26.99   0.000     102.0219    118.0003
       0  5  |   112.4064   4.433291    25.36   0.000     103.7173    121.0955
       0  6  |   115.2098   3.828087    30.10   0.000     107.7069    122.7127
       0  7  |   114.3849   3.822292    29.93   0.000     106.8933    121.8765
       0  8  |   114.4382    4.06841    28.13   0.000     106.4643    122.4122
       0  9  |   117.0842   4.615563    25.37   0.000     108.0379    126.1306
       0 10  |   119.4147   4.128242    28.93   0.000     111.3235    127.5059
       1  0  |   100.1182   3.626726    27.61   0.000      93.0099    107.2264
       1  1  |   102.0853   4.392066    23.24   0.000     93.47701    110.6936
       1  2  |          .  (not estimable)
       1  3  |   91.63374   5.536151    16.55   0.000     80.78309    102.4844
       1  4  |   90.27817   6.376488    14.16   0.000     77.78048    102.7759
       1  5  |   92.40553   6.387166    14.47   0.000     79.88691    104.9241
       1  6  |   96.32913   6.071461    15.87   0.000     84.42928     108.229
       1  7  |   100.8606   5.358209    18.82   0.000     90.35867    111.3625
       1  8  |   104.2541    5.74673    18.14   0.000     92.99074    115.5175
       1  9  |   106.3092   6.274349    16.94   0.000     94.01166    118.6067
       1 10  |   107.6891   7.399164    14.55   0.000     93.18698    122.1912
------------------------------------------------------------------------------
```

```
311 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases
```

```
312 . * To obtain values for failed urban civic
313 . xtreg gdpa1990index i.revny##ib(2).year if success==0 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       418
Group variable: diffid                          Number of groups   =        38

R-sq:  within  = 0.3216                         Obs per group: min =        11
       between = 0.0289                                        avg =      11.0
       overall = 0.1882                                        max =        11

                                                F(9,9)             =         .
corr(u_i, Xb)  = 0.0080                         Prob > F           =         .

                                  (Std. Err. adjusted for 10 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -6.416378   1.610816    -3.98   0.003     -10.0603   -2.772458
          1  |  -3.195542   .9261798    -3.45   0.007    -5.290706   -1.100378
          3  |    1.66055   1.140886     1.46   0.180     -.920313    4.241414
          4  |    4.53414   1.960985     2.31   0.046     .0980826    8.970197
          5  |   7.337672   2.886306     2.54   0.032     .8083946    13.86695
          6  |   9.231779   3.450291     2.68   0.025     1.426679    17.03688
          7  |   11.08965   3.300145     3.36   0.008     3.624208     18.5551
          8  |   14.35036   3.877723     3.70   0.005     5.578342    23.12238
          9  |   17.28588   4.587384     3.77   0.004     6.908494    27.66326
         10  |   19.89424   5.461355     3.64   0.005     7.539799    32.24868
             |
  revny#year |
       1  0  |   .4384427   2.148519     0.20   0.843    -4.421845    5.298731
       1  1  |  -.5040635   1.277804    -0.39   0.702    -3.394658    2.386531
       1  3  |  -1.955831   2.845544    -0.69   0.509    -8.392898    4.481237
       1  4  |  -1.705939   6.292287    -0.27   0.792    -15.94008     12.5282
       1  5  |   1.369147   9.304831     0.15   0.886    -19.67984    22.41814
       1  6  |   5.566096   10.93838     0.51   0.623    -19.17823    30.31043
       1  7  |   9.855863   12.78484     0.77   0.461    -19.06546    38.77718
       1  8  |   11.52458   13.09206     0.88   0.402    -18.09172    41.14088
       1  9  |   12.04521   12.72687     0.95   0.369    -16.74496    40.83538
       1 10  |   10.75346   12.60109     0.85   0.416     -17.7522    39.25912
             |
       _cons |        100   5.038648    19.85   0.000     88.60179    111.3982
-------------+----------------------------------------------------------------
     sigma_u |  14.655258
     sigma_e |  17.002838
         rho |  .42625136   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
314 . margins i.revny#ib(2).year

Adjusted predictions                            Number of obs     =        418
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   93.58362   6.218632    15.05   0.000     81.39533    105.7719
       0  1  |   96.80446   5.725585    16.91   0.000     85.58252    108.0264
       0  2  |          .  (not estimable)
       0  3  |   101.6606   4.275231    23.78   0.000     93.28125    110.0398
       0  4  |   104.5341   3.633822    28.77   0.000     97.41198    111.6563
       0  5  |   107.3377   2.886948    37.18   0.000     101.6794     112.996
       0  6  |   109.2318   3.112553    35.09   0.000     103.1313    115.3323
       0  7  |   111.0897   3.358776    33.07   0.000     104.5066    117.6727
       0  8  |   114.3504   3.114979    36.71   0.000     108.2451    120.4556
       0  9  |   117.2859    3.02006    38.84   0.000     111.3667    123.2051
       0 10  |   119.8942   3.428026    34.97   0.000     113.1754    126.6131
       1  0  |   94.02206   6.592801    14.26   0.000     81.10041    106.9437
       1  1  |   96.30039    5.85705    16.44   0.000     84.82079      107.78
       1  2  |          .  (not estimable)
       1  3  |   99.70472   2.979914    33.46   0.000     93.86419    105.5452
       1  4  |   102.8282   3.341129    30.78   0.000     96.27971    109.3767
       1  5  |   108.7068   6.667433    16.30   0.000     95.63889    121.7747
       1  6  |   114.7979   8.241492    13.93   0.000     98.64485    130.9509
       1  7  |   120.9455   9.713832    12.45   0.000     101.9068    139.9843
       1  8  |   125.8749   10.44361    12.05   0.000     105.4058     146.344
       1  9  |   129.3311   10.43887    12.39   0.000     108.8713    149.7909
       1 10  |   130.6477   10.71014    12.20   0.000     109.6562    151.6392
------------------------------------------------------------------------------

315 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 10 revolutions and 28 matched cases

316 . * To obtain values for successful urban civic
317 . xtreg gdpa1990index i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       879
Group variable: diffid                          Number of groups   =        86

R-sq:  within  = 0.2760                         Obs per group: min =         1
       between = 0.0380                                        avg =      10.2
       overall = 0.1330                                        max =        11

                                                F(20,25)           =     13.48
corr(u_i, Xb)  = -0.0107                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -4.513645    1.07155    -4.21   0.000    -6.720543   -2.306746
          1  |   -2.62352    .486523    -5.39   0.000    -3.625533   -1.621507
          3  |   1.583529   .9119049     1.74   0.095    -.2945746    3.461632
          4  |   3.109555   1.743428     1.78   0.087     -.481102    6.700213
          5  |   4.829466   2.530286     1.91   0.068    -.3817553    10.04069
          6  |    7.86601   3.462008     2.27   0.032     .7358702    14.99615
          7  |   11.74061   4.166398     2.82   0.009     3.159754    20.32147
          8  |   15.35488    4.93681     3.11   0.005     5.187334    25.52243
          9  |   19.99211   5.775704     3.46   0.002      8.09683     31.8874
         10  |   24.16781    6.42487     3.76   0.001     10.93554    37.40008
             |
  revny#year |
       1  0  |   .9661188   1.686369     0.57   0.572    -2.507024    4.439261
       1  1  |   1.405294   .8297169     1.69   0.103      -.30354    3.114128
       1  3  |  -2.036071   1.208508    -1.68   0.104    -4.525039    .4528976
       1  4  |  -2.739606    1.76092    -1.56   0.132    -6.366289    .8870767
       1  5  |  -3.063302   2.251238    -1.36   0.186    -7.699813    1.573209
       1  6  |  -4.474564   3.401385    -1.32   0.200    -11.47985    2.530719
       1  7  |  -5.861933   3.999539    -1.47   0.155    -14.09914    2.375272
       1  8  |  -6.303668   4.163908    -1.51   0.143     -14.8794    2.272062
       1  9  |  -8.796536   5.226895    -1.68   0.105    -19.56153    1.968457
       1 10  |  -9.075329   6.155323    -1.47   0.153    -21.75245    3.601797
             |
       _cons |   100.1822   2.051304    48.84   0.000     95.95748     104.407
-------------+----------------------------------------------------------------
     sigma_u |   11.60514
     sigma_e |  12.228745
         rho |  .47385324   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
318 . margins i.revny#ib(2).year

Adjusted predictions                            Number of obs     =        879
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   95.66858   2.911845    32.85   0.000     89.96147    101.3757
       0  1  |    97.5587   2.387565    40.86   0.000     92.87916    102.2382
       0  2  |          .  (not estimable)
       0  3  |   101.7658   1.448822    70.24   0.000     98.92611    104.6054
       0  4  |   103.2918   .9936447   103.95   0.000     101.3443    105.2393
       0  5  |   105.0117   1.236655    84.92   0.000     102.5879    107.4355
       0  6  |   108.0482   1.834916    58.88   0.000     104.4519    111.6446
       0  7  |   111.9228   2.430967    46.04   0.000     107.1582    116.6874
       0  8  |   115.5371   3.255711    35.49   0.000      109.156    121.9182
       0  9  |   120.1743   4.193702    28.66   0.000     111.9548    128.3938
       0 10  |    124.35   4.945284    25.15   0.000     114.6575    134.0426
       1  0  |    96.6347   2.837555    34.06   0.000     91.07319    102.1962
       1  1  |     98.964   2.380276    41.58   0.000     94.29874    103.6293
       1  2  |          .  (not estimable)
       1  3  |   99.72968   1.450602    68.75   0.000     96.88655    102.5728
       1  4  |   100.5522    1.33949    75.07   0.000     97.92682    103.1775
       1  5  |   101.9484   1.383271    73.70   0.000     99.23722    104.6595
       1  6  |   103.5737   2.552515    40.58   0.000     98.57083    108.5765
       1  7  |   106.0609   3.185898    33.29   0.000     99.81666    112.3051
       1  8  |   109.2334   2.543241    42.95   0.000     104.2488    114.2181
       1  9  |   111.3778   3.289945    33.85   0.000     104.9296     117.826
       1 10  |   115.2747   3.858336    29.88   0.000     107.7125    122.8369
------------------------------------------------------------------------------

319 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

320 .
321 . *=========================================================================
322 . * RELATIONSHIP BETWEEN NUMBER OF DEATHS IN REVOLUTIONARY CONTENTION AND
323 . *    ECONOMIC DECLINE AFTER REVOLUTION
324 . *=========================================================================
325 . * Complete case sample only
326 . clear

327 . use fullsamplediffindifflong.dta, clear

328 . xtreg D.gdpa1990pc lndeaths if year==2 | year==3, re vce(robust)

Random-effects GLS regression                   Number of obs     =        324
Group variable: revid                           Number of groups  =        163

R-sq:                                           Obs per group:
     within  =      .                                         min =          1
     between = 0.0566                                         avg =        2.0
     overall = 0.0311                                         max =          2

                                                Wald chi2(1)      =       9.40
corr(u_i, X)   = 0 (assumed)                    Prob > chi2       =     0.0022

                               (Std. Err. adjusted for 163 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
D.gdpa1990pc |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    lndeaths |  -22.11499    7.21401    -3.07   0.002    -36.25419   -7.975789
       _cons |   154.5861   43.24897     3.57   0.000     69.81966    239.3525
-------------+----------------------------------------------------------------
     sigma_u |   125.9983
     sigma_e |  489.57868
         rho |  .06212003   (fraction of variance due to u_i)
------------------------------------------------------------------------------

329 .
330 . *=========================================================================
331 . * RELATIONSHIP BETWEEN HENISZ MEASURE OF POLITICAL CONSTRAINTS AND
332 . *    POST-REVOLUTIONARY SOCIAL REVOLUTIONARY AND URBAN CIVIC GOVERNANCE
333 . *=========================================================================
334 . * Successsful social vs. successful urban civic
335 . * Multiple imputation
336 . clear

337 . use simplediffindifflong.dta, clear

338 . global yvar = "polconiii"

339 . quietly: chp9simpmultimp
```

```
340 . * Successful social  vs. successful urban civic
341 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        440

    Group variable: revid                           Number of groups  =         40
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.3532
                                                    Largest FMI       =     0.1710
                                                    Complete DF       =         39
                                                    DF:     min       =      28.81
                                                            avg       =      35.29
    DF adjustment:   Small sample                   max       =      37.14
                                                    F(  18,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 40 clusters in revid)
------------------------------------------------------------------------------
   polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |   .0354255   .0276748     1.28   0.208    -.0206417    .0914927
          1  |   .0134914   .0186926     0.72   0.475    -.0243784    .0513612
          3  |  -.0050385   .0396223    -0.13   0.899    -.0853104    .0752335
          4  |   .1264596   .0468786     2.70   0.011     .0314239    .2214953
          5  |   .2273635   .0511515     4.44   0.000     .1236219    .3311052
          6  |   .2437309   .0503179     4.84   0.000     .1416788    .3457831
          7  |   .2571787   .0541111     4.75   0.000     .1474239    .3669334
          8  |   .2548308   .0542885     4.69   0.000     .1447392    .3649224
          9  |   .2021972   .0559218     3.62   0.001     .0886304     .315764
         10  |     .20594   .0582065     3.54   0.001     .0874973    .3243826
             |
leftist#year |
       1  0  |  -.0372507   .0329889    -1.13   0.268    -.1047377    .0302364
       1  1  |  -.0124721   .0187201    -0.67   0.509    -.0503977    .0254535
       1  3  |   .0030303   .0396727     0.08   0.940    -.0773439    .0834045
       1  4  |  -.0810276   .0584027    -1.39   0.174    -.1993963     .037341
       1  5  |   -.179468   .0632251    -2.84   0.007    -.3076444   -.0512916
       1  6  |  -.1915605   .0634252    -3.02   0.005    -.3202253   -.0628956
       1  7  |  -.2042284   .0668093    -3.06   0.004    -.3398425   -.0686142
       1  8  |  -.1699615   .0702237    -2.42   0.021    -.3125698   -.0273533
       1  9  |  -.1165994   .0712548    -1.64   0.111    -.2614064    .0282075
       1 10  |  -.1247681   .0769868    -1.62   0.116    -.2822687    .0327325
             |
       _cons |    .098995   .0221895     4.46   0.000     .0540406    .1439495
-------------+----------------------------------------------------------------
     sigma_u |  .11949058
     sigma_e |  .14802053
         rho |  .39454981   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

342 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        440
                                                    Average RVI       =    11.1062
                                                    Largest FMI       =     0.2339
                                                    Complete DF       =         39
    DF adjustment:   Small sample                   DF:     min       =      25.36
                                                            avg       =      34.32
    Within VCE type: Delta-method                           max       =      37.14

    Expression   : Linear prediction, predict(xb)

    1._at        : leftist         =           0
                   year            =           0

    2._at        : leftist         =           0
                   year            =           1

    3._at        : leftist         =           0
                   year            =           2

    4._at        : leftist         =           0
                   year            =           3

    5._at        : leftist         =           0
                   year            =           4

    6._at        : leftist         =           0
                   year            =           5

    7._at        : leftist         =           0
                   year            =           6

    8. at        : leftist         =           0
                   year            =           7

    9._at        : leftist         =           0
                   year            =           8
```

```
10._at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14. at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21._at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.1344206	.0318646	4.22	0.000	.0698651	.198976
2	.1124864	.0265789	4.23	0.000	.0586395	.1663334
3	.098995	.0221895	4.46	0.000	.0540406	.1439495
4	.0939566	.0359612	2.61	0.013	.0211018	.1668114
5	.2254546	.0366998	6.14	0.000	.1510186	.2998907
6	.3263586	.0362633	9.00	0.000	.252713	.4000041
7	.342726	.0355192	9.65	0.000	.2705875	.4148645
8	.3561737	.0373115	9.55	0.000	.2803665	.4319809
9	.3538259	.0364475	9.71	0.000	.2798033	.4278484
10	.3011922	.040234	7.49	0.000	.2192186	.3831658
11	.304935	.0426733	7.15	0.000	.2175646	.3923053
12	.0971699	.0282021	3.45	0.002	.0391283	.1552115
13	.1000144	.0221419	4.52	0.000	.0551565	.1448722
14	.098995	.0221895	4.46	0.000	.0540406	.1439495
15	.0969869	.0224181	4.33	0.000	.0515695	.1424043
16	.144427	.0351181	4.11	0.000	.0732802	.2155738
17	.1468906	.037004	3.97	0.000	.0719231	.221858
18	.1511655	.0384126	3.94	0.000	.0731694	.2291615
19	.1519453	.0381221	3.99	0.000	.0745766	.2293141
20	.1838643	.0437027	4.21	0.000	.0948458	.2728828
21	.1845928	.0440465	4.19	0.000	.0947769	.2744087
22	.1801669	.0468513	3.85	0.001	.084196	.2761377

```
343 . * Successful social vs. failed social
344 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if leftist==1, fe vce(robust)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        572

Group variable: revid                           Number of groups  =         52
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2723
                                                Largest FMI       =     0.2036
                                                Complete DF       =         51
                                                DF:     min       =      34.33
                                                        avg       =      47.32
DF adjustment:   Small sample                   max               =      49.11
                                                F(  18,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .
```

```
                                (Within VCE adjusted for 52 clusters in revid)
------------------------------------------------------------------------------
   polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |  -.0515747   .0249522    -2.07   0.044    -.1017455   -.0014039
          1  |  -.0249894   .0170919    -1.46   0.150    -.0593554    .0093765
          3  |   .0345766   .0326886     1.06   0.295    -.0311099    .1002631
          4  |   .0332121   .0321955     1.03   0.307    -.0314836    .0979077
          5  |    .029404   .0356401     0.83   0.413    -.0422133    .1010213
          6  |   .0294441   .0367633     0.80   0.427    -.0444304    .1033185
          7  |   .0210182   .0354526     0.59   0.556    -.0502225    .0922589
          8  |   .0407927   .0327338     1.25   0.219    -.0249846    .1065701
          9  |   .0579057    .033093     1.75   0.086    -.0085934    .1244048
         10  |   .0780824    .036035     2.17   0.035     .0056715    .1504933
             |
success#year |
       1  0  |   .0497496   .0305912     1.63   0.113     -.012397    .1118961
       1  1  |   .0260088   .0171215     1.52   0.135    -.0084166    .0604342
       1  3  |  -.0365847   .0327487    -1.12   0.269     -.102392    .0292225
       1  4  |   .0122199   .0472178     0.26   0.797    -.0826624    .1071022
       1  5  |   .0184915   .0512645     0.36   0.720    -.0845224    .1215054
       1  6  |   .0227264   .0532261     0.43   0.671    -.0843162    .1297689
       1  7  |   .0319321   .0520782     0.61   0.543    -.0727866    .1366508
       1  8  |   .0440765    .055022     0.80   0.427    -.0667496    .1549027
       1  9  |    .027692   .0554318     0.50   0.620    -.0840099     .139394
       1 10  |   .0030894   .0595774     0.05   0.959    -.1171725    .1233513
             |
       _cons |   .1688794    .018832     8.97   0.000     .1310373    .2067216
-------------+----------------------------------------------------------------
     sigma_u |  .19782641
     sigma_e |  .11530843
         rho |  .74641045   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

345 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        572
                                                Average RVI       =     2.0380
                                                Largest FMI       =     0.2793
                                                Complete DF       =         51
DF adjustment:   Small sample                   DF:     min       =      28.61
                                                        avg       =      46.48
Within VCE type: Delta-method                           max       =      49.11

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4
```

```
17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21. at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.1173048	.0238609	4.92	0.000	.069325	.1652845
2	.14389	.0234792	6.13	0.000	.0966955	.1910845
3	.1688794	.018832	8.97	0.000	.1310373	.2067216
4	.203456	.0216212	9.41	0.000	.1600091	.246903
5	.2020915	.0214458	9.42	0.000	.1589971	.245186
6	.1982834	.0200065	9.91	0.000	.1580811	.2384858
7	.1983235	.0205424	9.65	0.000	.1570443	.2396027
8	.1898976	.0194414	9.77	0.000	.150831	.2289643
9	.2096722	.0181751	11.54	0.000	.17315	.2461943
10	.2267852	.019012	11.93	0.000	.1885813	.264989
11	.2469619	.0225911	10.93	0.000	.2015659	.2923578
12	.1670543	.0256869	6.50	0.000	.1144879	.2196208
13	.1698988	.0187957	9.04	0.000	.1321295	.2076681
14	.1688794	.018832	8.97	0.000	.1310373	.2067216
15	.1668713	.0190594	8.76	0.000	.1285721	.2051705
16	.2143114	.0345012	6.21	0.000	.1449825	.2836403
17	.216775	.0364864	5.94	0.000	.143457	.2900929
18	.2210499	.0379623	5.82	0.000	.1446265	.2974733
19	.2218297	.0376573	5.89	0.000	.1460511	.2976084
20	.2537487	.0433675	5.85	0.000	.166209	.3412885
21	.2544772	.0436916	5.82	0.000	.1661995	.3427549
22	.2500513	.0465484	5.37	0.000	.1556259	.3444767

```
346 . * Successful urban civic vs. failed urban civic
347 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if urbancivic==1, fe vce(robus
    > t)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        528

    Group variable: revid                           Number of groups  =         48
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.2670
                                                    Largest FMI       =     0.2667
                                                    Complete DF       =         47
    DF adjustment:   Small sample                   DF:     min       =      27.62
                                                            avg       =      40.02
                                                            max       =      44.17
    Model F test:       Equal FMI                   F(  19,   43.3)   =       2.74
    Within VCE type:        Robust                  Prob > F          =     0.0030

                                   (Within VCE adjusted for 48 clusters in revid)
```

polconiii	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.success	0	(omitted)				
year						
0	-.0170944	.0174155	-0.98	0.333	-.0523984	.0182096
1	-.0170944	.0174155	-0.98	0.333	-.0523984	.0182096
3	.0158567	.0226718	0.70	0.490	-.0306128	.0623262
4	.0242243	.0240252	1.01	0.320	-.0245072	.0729559
5	.065695	.0311104	2.11	0.042	.0025211	.1288689
6	.0668983	.0268885	2.49	0.017	.012585	.1212116
7	.0407818	.0371921	1.10	0.279	-.034274	.1158377
8	.0651409	.0433832	1.50	0.141	-.0225688	.1528507
9	.0890893	.0450464	1.98	0.055	-.0018159	.1799946
10	.0927236	.0458826	2.02	0.050	.0000186	.1854286
success#year						
1 0	.0525199	.0325562	1.61	0.114	-.0131299	.1181697
1 1	.0305858	.0254651	1.20	0.237	-.0208188	.0819904
1 3	-.0208951	.0454411	-0.46	0.648	-.1126247	.0708344
1 4	.1022353	.0525156	1.95	0.058	-.003704	.2081745
1 5	.1616685	.0597143	2.71	0.010	.0411017	.2822353
1 6	.1768326	.0569881	3.10	0.003	.0618769	.2917883
1 7	.2163969	.0657595	3.29	0.002	.0837266	.3490671
1 8	.1896899	.070001	2.71	0.010	.0483111	.3310686
1 9	.1131078	.0726004	1.56	0.127	-.0336083	.259824
1 10	.1132163	.071468	1.58	0.120	-.0308239	.2572566
_cons	.1324027	.0199029	6.65	0.000	.0922954	.17251

```
-------------+----------------------------------------------------------------
     sigma_u |  .14094653
     sigma_e |  .14321441
         rho |  .49201954   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

348 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        528
                                                Average RVI       =     2.1717
                                                Largest FMI       =     0.1552
                                                Complete DF       =         47
DF adjustment:   Small sample                   DF:     min       =      35.43
                                                        avg       =      41.59
Within VCE type: Delta-method                           max       =      44.85

Expression   : Linear prediction, predict(xb)

1. at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4. at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15. at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .1153083   .0215488     5.35   0.000     .0718724    .1587443
          2  |   .1153083   .0215488     5.35   0.000     .0718724    .1587443
          3  |   .1324027   .0199029     6.65   0.000     .0922954      .17251
          4  |   .1482594   .0259277     5.72   0.000     .0956943    .2008245
          5  |    .156627   .0269615     5.81   0.000     .1021364    .2111177
          6  |   .1980977   .0307513     6.44   0.000     .1358471    .2603483
          7  |    .199301   .0264938     7.52   0.000     .1458528    .2527492
          8  |   .1731845   .0331273     5.23   0.000     .1063732    .2399958
          9  |   .1975436   .0393007     5.03   0.000     .1179977    .2770896
         10  |   .2214921   .0409018     5.42   0.000     .1388764    .3041077
         11  |   .2251263   .0414242     5.43   0.000     .1413775    .3088751
```

```
          12  |   .1678282   .0308667     5.44   0.000     .1056497    .2300068
          13  |   .1458941   .0250974     5.81   0.000     .0953311    .1964571
          14  |   .1324027   .0199029     6.65   0.000     .0922954      .17251
          15  |   .1273642   .0362474     3.51   0.001     .0543516    .2003769
          16  |   .2588623   .0382335     6.77   0.000     .1817801    .3359445
          17  |   .3597662   .0386727     9.30   0.000     .2817483    .4377842
          18  |   .3761336   .0379646     9.91   0.000     .2995334    .4527339
          19  |   .3895814   .0403941     9.64   0.000     .3080205    .4711422
          20  |   .3872335   .0395908     9.78   0.000     .3073529    .4671141
          21  |   .3345999    .042802     7.82   0.000     .2480439    .4211559
          22  |   .3383427   .0451204     7.50   0.000      .246783    .4299023
------------------------------------------------------------------------------

349 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.8 percent of observations

350 . * Complete case sample as robustness test
351 . clear

352 . use simplediffindifflong.dta, clear

353 . xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)
    note: 1.leftist omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =        417
    Group variable: revid                           Number of groups  =         41

    R-sq:                                           Obs per group:
         within  = 0.3091                                         min =          4
         between = 0.4444                                         avg =       10.2
         overall = 0.3398                                         max =         11

                                                    F(17,40)          =          .
    corr(u_i, Xb)  = 0.1991                         Prob > F          =          .

                                   (Std. Err. adjusted for 41 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |   .0354255   .0277027     1.28   0.208    -.0205638    .0914149
          1  |   .0134914   .0187114     0.72   0.475    -.0243258    .0513086
          3  |  -.0050385   .0396623    -0.13   0.900    -.0851989     .075122
          4  |    .128501    .047679     2.70   0.010     .0321381    .2248639
          5  |   .2333739   .0511403     4.56   0.000     .1300154    .3367323
          6  |   .2618177   .0514035     5.09   0.000     .1579273    .3657081
          7  |   .2672882   .0556927     4.80   0.000      .154729    .3798473
          8  |   .2625014   .0562424     4.67   0.000     .1488313    .3761714
          9  |   .2005487   .0578691     3.47   0.001      .083591    .3175064
         10  |   .2094801   .0598736     3.50   0.001     .0884711    .3304891
             |
leftist#year |
       1  0  |  -.0376385   .0280389    -1.34   0.187    -.0943071    .0190301
       1  1  |  -.0124721    .018739    -0.67   0.510     -.050345    .0254009
       1  3  |  -.0088408    .041482    -0.21   0.832     -.092679    .0749973
       1  4  |   -.079669   .0589553    -1.35   0.184    -.1988222    .0394842
       1  5  |  -.1822543   .0630135    -2.89   0.006    -.3096094   -.0548992
       1  6  |   -.207854   .0642337    -3.24   0.002    -.3376753   -.0780328
       1  7  |  -.2133245    .067715    -3.15   0.003    -.3501817   -.0764673
       1  8  |  -.1800385   .0701458    -2.57   0.014    -.3218084   -.0382685
       1  9  |  -.1141456   .0712037    -1.60   0.117    -.2580537    .0297625
       1 10  |  -.1313494   .0729827    -1.80   0.079    -.2788529    .0161541
             |
       _cons |   .1004389   .0213228     4.71   0.000     .0573439     .143534
-------------+----------------------------------------------------------------
     sigma_u |  .11902509
     sigma_e |  .14457643
         rho |  .40397059   (fraction of variance due to u_i)
------------------------------------------------------------------------------

354 . margins leftist#year, noestimcheck

    Adjusted predictions                            Number of obs     =        417
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
leftist#year |
       0  0  |   .1358645   .0310974     4.37   0.000     .0749147    .1968142
       0  1  |   .1139303    .026423     4.31   0.000     .0621421    .1657185
       0  2  |   .1004389   .0213228     4.71   0.000     .0586469    .1422309
       0  3  |   .0954005   .0357475     2.67   0.008     .0253366    .1654643
       0  4  |   .2289399   .0375959     6.09   0.000     .1552533    .3026266
       0  5  |   .3338128   .0371014     9.00   0.000     .2610954    .4065302
       0  6  |   .3622566   .0379613     9.54   0.000     .2878538    .4366594
       0  7  |   .3677271   .0400011     9.19   0.000     .2893264    .4461278
       0  8  |   .3629403   .0395063     9.19   0.000     .2855094    .4403713
       0  9  |   .3009876   .0429286     7.01   0.000     .2168491    .3851262
       0 10  |    .309919   .0445816     6.95   0.000     .2225407    .3972973
       1  0  |    .098226   .0221951     4.43   0.000     .0547243    .1417276
       1  1  |   .1014583   .0212644     4.77   0.000     .0597808    .1431358
       1  2  |   .1004389   .0213228     4.71   0.000     .0586469    .1422309
       1  3  |   .0865596   .0239196     3.62   0.000      .039678    .1334413
       1  4  |   .1492709   .0336279     4.44   0.000     .0833614    .2151804
```

```
       1  5  |   .1515585   .0353694     4.29   0.000     .0822358    .2208813
       1  6  |   .1544026    .036782     4.20   0.000     .0823111    .2264941
       1  7  |   .1544026    .036782     4.20   0.000     .0823111    .2264941
       1  8  |   .1829018   .0398817     4.59   0.000     .1047351    .2610686
       1  9  |    .186842   .0395843     4.72   0.000     .1092582    .2644258
       1 10  |   .1785697   .0397505     4.49   0.000     .1006601    .2564792
-------------------------------------------------------------------------------

355 . * Successful urban civic vs. failed urban civic
356 . xtreg $yvar i.success##ib(2).year if urbancivic==1, fe vce(robust)
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =        483
    Group variable: revid                           Number of groups  =         48

    R-sq:                                           Obs per group:
         within  = 0.2935                                         min =          2
         between = 0.1350                                         avg =       10.1
         overall = 0.2295                                         max =         11

                                                    F(19,47)          =          .
    corr(u_i, Xb)  = 0.0287                         Prob > F          =          .

                                  (Std. Err. adjusted for 48 clusters in revid)
-------------------------------------------------------------------------------
                    |               Robust
       polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------------+-----------------------------------------------------------
       1.success |          0  (omitted)
                  |
            year |
              0  |  -.0174691   .0159736    -1.09   0.280    -.0496037    .0146656
              1  |  -.0174691   .0159736    -1.09   0.280    -.0496037    .0146656
              3  |   .0168864   .0176363     0.96   0.343    -.0185933    .0523661
              4  |   .0241755   .0218326     1.11   0.274    -.0197461    .0680971
              5  |   .0653974   .0277691     2.36   0.023     .0095332    .1212617
              6  |   .0670983   .0262972     2.55   0.014     .0141952    .1200015
              7  |   .0448971   .0382196     1.17   0.246    -.0319909     .121785
              8  |   .0724922   .0455108     1.59   0.118    -.0190637    .1640481
              9  |   .0814448   .0476758     1.71   0.094    -.0144665     .177356
             10  |   .0958678    .047818     2.00   0.051    -.0003297    .1920653
                  |
    success#year |
       1  0  |   .0528946   .0318521     1.66   0.103    -.0111835    .1169728
       1  1  |   .0309605   .0245276     1.26   0.213    -.0183827    .0803037
       1  3  |  -.0219248   .0432164    -0.51   0.614     -.108865    .0650154
       1  4  |   .1043255   .0522124     2.00   0.052    -.0007124    .2093634
       1  5  |   .1679764   .0579574     2.90   0.006     .0513812    .2845717
       1  6  |   .1947194   .0574994     3.39   0.001     .0790454    .3103933
       1  7  |   .2223911   .0673047     3.30   0.002     .0869915    .3577907
       1  8  |   .1900092     .07212     2.63   0.011     .0449225     .335096
       1  9  |    .119104   .0747444     1.59   0.118    -.0312624    .2694703
       1 10  |   .1136123   .0763797     1.49   0.144    -.0400438    .2672684
                  |
             cons |   .1289659   .0193237     6.67   0.000     .0900916    .1678401
-------------------+-----------------------------------------------------------
          sigma_u |  .14284196
          sigma_e |  .14145827
              rho |  .50486689   (fraction of variance due to u_i)
-------------------------------------------------------------------------------

357 . margins success#year, noestimcheck

    Adjusted predictions                            Number of obs     =        483
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

-------------------------------------------------------------------------------
                    |            Delta-method
                    |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------------+----------------------------------------------------------
    success#year |
       0  0  |   .1114968   .0207076     5.38   0.000     .0709106     .152083
       0  1  |   .1114968   .0207076     5.38   0.000     .0709106     .152083
       0  2  |   .1289659   .0193237     6.67   0.000     .0910921    .1668396
       0  3  |   .1458522   .0225507     6.47   0.000     .1016536    .1900509
       0  4  |   .1531414   .0253251     6.05   0.000     .1035051    .2027777
       0  5  |   .1943633   .0281301     6.91   0.000     .1392294    .2494972
       0  6  |   .1960642   .0264196     7.42   0.000     .1442827    .2478457
       0  7  |   .1738629   .0341776     5.09   0.000      .106876    .2408499
       0  8  |    .201458   .0406746     4.95   0.000     .1217372    .2811789
       0  9  |   .2104106   .0428215     4.91   0.000     .1264821    .2943392
       0 10  |   .2248336   .0429167     5.24   0.000     .1407184    .3089489
       1  0  |   .1643914   .0302475     5.43   0.000     .1051075    .2236753
       1  1  |   .1424573   .0250755     5.68   0.000     .0933101    .1916044
       1  2  |   .1289659   .0193237     6.67   0.000     .0910921    .1668396
       1  3  |   .1239274   .0359082     3.45   0.001     .0535487    .1943061
       1  4  |   .2574669   .0387284     6.65   0.000     .1815606    .3333732
       1  5  |   .3623397   .0389176     9.31   0.000     .2860626    .4386169
       1  6  |   .3907836   .0396658     9.85   0.000       .31304    .4685271
       1  7  |    .396254   .0420873     9.42   0.000     .3137644    .4787437
       1  8  |   .3914673   .0417858     9.37   0.000     .3095685     .473366
       1  9  |   .3295146   .0448572     7.35   0.000      .241596    .4174331
       1 10  |    .338446   .0465581     7.27   0.000     .2471937    .4296983
-------------------------------------------------------------------------------
```

```
358 .
359 . * Matched samples
360 . * Multiple imputation
361 . clear

362 . use matcheddiffindifflong.dta, clear

363 . global yvar = "polconiii"

364 . quietly: chp9matchmultimp

365 . * Successful social vs. matched counterparts
366 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pwei
    > ght=freqwt], fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.7516
                                                    Largest FMI       =     0.5741
                                                    Complete DF       =          8
                                                    DF:     min       =       3.12
                                                            avg       =       4.85
    DF adjustment:   Small sample                   max       =       6.55
                                                    F(  17,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                    (Within VCE adjusted for 9 clusters in revid)
    ------------------------------------------------------------------------------
       polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
              0  |  -.0134213   .0140002    -0.96   0.373    -.0472169    .0203744
              1  |  -.0123821   .0141578    -0.87   0.413     -.046337    .0215728
              3  |   .0502487   .0448209     1.12   0.317    -.0677735    .1682709
              4  |   .0347785   .0445717     0.78   0.473    -.0826341    .1521912
              5  |   .0415831   .0508041     0.82   0.453    -.0918946    .1750608
              6  |   .0649678   .0416602     1.56   0.187    -.0463155     .176251
              7  |   .0259684    .040367     0.64   0.560    -.0926657    .1446026
              8  |   .0242263    .052161     0.46   0.664    -.1152038    .1636564
              9  |   .0242731   .0540067     0.45   0.675    -.1216356    .1701818
             10  |   .0429519   .0617391     0.70   0.522    -.1227954    .2086992
                 |
      revny#year |
            1  0 |    .016823    .024026     0.70   0.523    -.0505159     .084162
            1  1 |   .0138544   .0140683     0.98   0.360    -.0198859    .0475948
            1  3 |  -.0531493   .0449723    -1.18   0.294    -.1714599    .0651613
            1  4 |  -.0183018   .0425094    -0.43   0.687    -.1319162    .0953127
            1  5 |  -.0251063   .0519053    -0.48   0.650    -.1607214    .1105087
            1  6 |    -.04287   .0432374    -0.99   0.372    -.1584601    .0727201
            1  7 |  -.0022601   .0460769    -0.05   0.964    -.1458455    .1413254
            1  8 |   .0416899   .0801664     0.52   0.624    -.1616327    .2450125
            1  9 |   .0471476   .0795932     0.59   0.578    -.1540686    .2483637
            1 10 |   .0258334   .0871786     0.30   0.779    -.1960598    .2477265
                 |
           _cons |   .0417146   .0139794     2.98   0.022     .0081874    .0752417
    -------------+----------------------------------------------------------------
         sigma_u |  .11771995
         sigma_e |  .09569449
             rho |  .60211746   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

367 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        374
                                                    Average RVI       =     4.6273
                                                    Largest FMI       =     0.6777
                                                    Complete DF       =          8
    DF adjustment:   Small sample                   DF:     min       =       2.47
                                                            avg       =       5.01
    Within VCE type: Delta-method                           max       =       6.55

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3

    5._at        : revny           =           0
                   year            =           4
```

```
6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10. at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	.0282933	.0195987	1.44	0.196	-.0188627	.0754494
2	.0293325	.0195222	1.50	0.180	-.0174881	.0761531
3	.0417146	.0139794	2.98	0.022	.0081874	.0752417
4	.0919633	.0410032	2.24	0.084	-.0192374	.203164
5	.0764931	.0383862	1.99	0.118	-.030545	.1835313
6	.0832977	.0435752	1.91	0.129	-.0378698	.2044651
7	.1066823	.0337796	3.16	0.043	.0055702	.2077945
8	.067683	.0344099	1.97	0.163	-.0564911	.1918571
9	.0659409	.0445663	1.48	0.219	-.0624561	.1943378
10	.0659877	.0466394	1.41	0.238	-.070202	.2021774
11	.0846665	.0531292	1.59	0.193	-.0689603	.2382933
12	.0451163	.0212127	2.13	0.101	-.0138926	.1041253
13	.043187	.0131924	3.27	0.015	.0115474	.0748266
14	.0417146	.0139794	2.98	0.022	.0081874	.0752417
15	.038814	.0158416	2.45	0.046	.0008206	.0768073
16	.0581913	.0147425	3.95	0.006	.022834	.0935487
17	.0581913	.0147425	3.95	0.006	.022834	.0935487
18	.0638123	.0241118	2.65	0.063	-.005706	.1333307
19	.0654229	.0268907	2.43	0.083	-.0148032	.1456491
20	.1076308	.0459848	2.34	0.057	-.0040914	.2193529
21	.1131353	.0463523	2.44	0.050	.0003098	.2259608
22	.1104999	.0486277	2.27	0.065	-.0093088	.2303086

```
368 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

369 . * Successful urban civic vs. matched counterparts
370 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [p
    > weight=freqwt], fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        869
```

```
Group variable: diffid                          Number of groups  =         79
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.3195
                                                Largest FMI       =     0.1277
                                                Complete DF       =         23
DF adjustment:   Small sample                   DF:     min       =      18.38
                                                        avg       =      20.46
                                                        max       =      21.23
Model F test:       Equal FMI                   F(  20,   19.6)   =       4.36
Within VCE type:       Robust                   Prob > F          =     0.0010

                                 (Within VCE adjusted for 24 clusters in revid)
------------------------------------------------------------------------------
   polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |   .0003397    .015378     0.02   0.983    -.0316252    .0323045
           1 |    .000055   .0088932     0.01   0.995    -.0184356    .0185457
           3 |   .0267868   .0105107     2.55   0.019      .004943    .0486306
           4 |   .0827585   .0402875     2.05   0.052    -.0009686    .1664856
           5 |   .0519838   .0179195     2.90   0.009     .0146322    .0893355
           6 |   .1026954   .0418856     2.45   0.023     .0153885    .1900023
           7 |   .0957351   .0439023     2.18   0.041     .0043685    .1871017
           8 |   .0823876   .0404968     2.03   0.055    -.0020677    .1668429
           9 |   .0784716    .044543     1.76   0.093    -.0144173    .1713604
          10 |   .0779394    .048425     1.61   0.123     -.023074    .1789527
             |
  revny#year |
        1  0 |   .0395141   .0287804     1.37   0.184    -.0203016    .0993297
        1  1 |   .0151228   .0186367     0.81   0.426    -.0236127    .0538584
        1  3 |  -.0324551   .0466362    -0.70   0.494    -.1293763    .0644661
        1  4 |   .0639837   .0661965     0.97   0.345    -.0736791    .2016466
        1  5 |   .2080077   .0499901     4.16   0.000     .1039488    .3120666
        1  6 |   .1695748   .0627557     2.70   0.014     .0385445    .3006051
        1  7 |   .1908925   .0673827     2.83   0.010     .0504685    .3313166
        1  8 |   .2007639   .0644988     3.11   0.006      .065457    .3360707
        1  9 |   .1449107   .0645394     2.25   0.037     .0098158    .2800057
        1 10 |    .148163   .0697979     2.12   0.047     .0024018    .2939242
             |
       _cons |   .1269011   .0204188     6.21   0.000     .0844661    .1693361
-------------+----------------------------------------------------------------
     sigma_u |  .15841886
     sigma_e |  .14983854
         rho |   .5278134   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

371 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        869
                                                Average RVI       =     1.4685
                                                Largest FMI       =     0.2156
                                                Complete DF       =         23
DF adjustment:   Small sample                   DF:     min       =      16.06
                                                        avg       =      20.10
Within VCE type: Delta-method                           max       =      21.23

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0
```

```
13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17. at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .1272408   .0219749     5.79   0.000     .0815677    .1729138
          2  |   .1269561   .0195695     6.49   0.000     .0862822      .16763
          3  |   .1269011   .0204188     6.21   0.000     .0844661    .1693361
          4  |   .1536879   .0213396     7.20   0.000     .1093392    .1980366
          5  |   .2096596   .0328613     6.38   0.000      .141366    .2779532
          6  |   .1788849   .0178502    10.02   0.000     .1416769     .216093
          7  |   .2295965   .0340116     6.75   0.000     .1585718    .3006212
          8  |   .2226362   .0357466     6.23   0.000     .1481847    .2970877
          9  |   .2092887   .0313425     6.68   0.000     .1437339    .2748435
         10  |   .2053727   .0352209     5.83   0.000     .1317368    .2790086
         11  |   .2048405   .0406044     5.04   0.000     .1199778    .2897032
         12  |   .1667548   .0342652     4.87   0.000     .0955436    .2379661
         13  |   .1420789   .0275887     5.15   0.000      .084743    .1994149
         14  |   .1269011   .0204188     6.21   0.000     .0844661    .1693361
         15  |   .1212328   .0402609     3.01   0.007     .0375611    .2049046
         16  |   .2736433    .043745     6.26   0.000     .1825872    .3646995
         17  |   .3868927   .0381222    10.15   0.000     .3075788    .4662066
         18  |   .3991713   .0388095    10.29   0.000     .3182422    .4801004
         19  |   .4135287   .0413046    10.01   0.000       .32725    .4998075
         20  |   .4100525   .0446296     9.19   0.000     .3154691    .5046359
         21  |   .3502834   .0447414     7.83   0.000     .2555575    .4450093
         22  |   .3530035   .0428279     8.24   0.000     .2634435    .4425635
------------------------------------------------------------------------------

372 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 24 revolutions and 55 matched cases

373 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 6.8 percent of observations

374 . * Complete case sample as robustness test
375 . use matcheddiffindifflong.dta, clear

376 . xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], fe cluster(revid)
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       357
    Group variable: diffid                          Number of groups   =        34

    R-sq:  within  = 0.0722                         Obs per group: min =         3
           between = 0.0184                                        avg =      10.5
           overall = 0.0269                                        max =        11

                                                    F(7,8)             =         .
    corr(u_i, Xb)  = 0.0084                         Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0045226   .0156379    -0.29   0.780    -.0405836    .0315385
          1  |  -.0123821    .014177    -0.87   0.408    -.0450742    .0203101
          3  |    .050186   .0355812     1.41   0.196    -.0318643    .1322363
          4  |   .0220869   .0314851     0.70   0.503    -.0505177    .0946916
          5  |   .0372972   .0401716     0.93   0.380    -.0553386    .1299331
          6  |   .0571646   .0300302     1.90   0.093    -.0120853    .1264145
          7  |   .0214802   .0202168     1.06   0.319      -.02514    .0681003
          8  |   .0160811   .0381098     0.42   0.684    -.0718002    .1039623
          9  |   .0164803   .0380661     0.43   0.676    -.0713002    .1042607
         10  |   .0286716   .0425879     0.67   0.520    -.0695363    .1268796
             |
  revny#year |
       1  0  |   .0033876   .0168073     0.20   0.845      -.03537    .0421452
```

```
       1  1  |   .0138544   .0140874     0.98   0.354    -.0186311      .04634
       1  3  |  -.0530866   .0357668    -1.48   0.176    -.1355651    .0293918
       1  4  |  -.0056102   .0354166    -0.16   0.878    -.0872811    .0760608
       1  5  |  -.0208205   .0433219    -0.48   0.644     -.120721     .07908
       1  6  |  -.0392614   .0340442    -1.15   0.282    -.1177674    .0392446
       1  7  |  -.0035769   .0255189    -0.14   0.892    -.0624237    .0552698
       1  8  |    .049065   .0760012     0.65   0.537     -.126194     .224324
       1  9  |   .0509107   .0762628     0.67   0.523    -.1249517    .2267731
       1 10  |   .0387193   .0801533     0.48   0.642    -.1461145    .2235532
             |
       _cons |   .0447058   .0097735     4.57   0.002     .0221681    .0672434
-------------+----------------------------------------------------------------
     sigma u |  .11684495
     sigma e |  .09170434
         rho |  .61882317   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
377 . margins revny#year, noestimcheck

Adjusted predictions                            Number of obs     =        357
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .0401832   .0189642     2.12   0.034     .0030141    .0773523
       0  1  |   .0323237   .0172345     1.88   0.061    -.0014553    .0661027
       0  2  |   .0447058   .0097735     4.57   0.000     .0255501    .0638614
       0  3  |   .0948918    .032004     2.96   0.003     .0321651    .1576184
       0  4  |   .0667927   .0296075     2.26   0.024     .0087631    .1248223
       0  5  |    .082003   .0349859     2.34   0.019     .0134319    .1505741
       0  6  |   .1018704   .0230706     4.42   0.000     .0566529    .1470879
       0  7  |   .0661859    .015725     4.21   0.000     .0353655    .0970064
       0  8  |   .0607868   .0336269     1.81   0.071    -.0051207    .1266944
       0  9  |    .061186   .0336219     1.82   0.069    -.0047117    .1270837
       0 10  |   .0733774   .0372826     1.97   0.049     .0003049     .14645
       1  0  |   .0435708   .0105245     4.14   0.000     .0229431    .0641984
       1  1  |   .0461781   .0090451     5.11   0.000     .0284501    .0639062
       1  2  |   .0447058   .0097735     4.57   0.000     .0255501    .0638614
       1  3  |   .0418051   .0116604     3.59   0.000     .0189513     .064659
       1  4  |   .0611825   .0142852     4.28   0.000      .033184     .089181
       1  5  |   .0611825   .0142852     4.28   0.000      .033184     .089181
       1  6  |    .062609   .0148222     4.22   0.000      .033558      .09166
       1  7  |    .062609   .0148222     4.22   0.000      .033558      .09166
       1  8  |   .1098518   .0486034     2.26   0.024     .0145909    .2051127
       1  9  |   .1120967   .0489146     2.29   0.022     .0162259    .2079676
       1 10  |   .1120967   .0489146     2.29   0.022     .0162259    .2079676
------------------------------------------------------------------------------
```

```
378 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

379 . xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], fe cluster(revid)
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       840
Group variable: diffid                          Number of groups   =        84

R-sq:  within  = 0.3077                         Obs per group: min =         4
       between = 0.0535                                        avg =      10.0
       overall = 0.1361                                        max =        11

                                                F(20,25)           =     23.67
corr(u_i, Xb)  = -0.0507                        Prob > F           =    0.0000

                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   polconiii |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0004237   .0148184    -0.03   0.977    -.0309428    .0300954
          1  |  -.0008501   .0085739    -0.10   0.922    -.0185083    .0168081
          3  |    .024761    .010261     2.41   0.023     .0036281    .0458939
          4  |   .0515406   .0235926     2.18   0.039     .0029507    .1001306
          5  |    .043397   .0170136     2.55   0.017     .0083569    .0784371
          6  |   .0694908   .0258952     2.68   0.013     .0161587     .122823
          7  |    .063705   .0291816     2.18   0.039     .0036044    .1238057
          8  |   .0629093   .0308307     2.04   0.052    -.0005877    .1264063
          9  |    .060831   .0371572     1.64   0.114    -.0156958    .1373577
         10  |   .0653711   .0431925     1.51   0.143    -.0235856    .1543277
             |
  revny#year |
       1  0  |   .0402774   .0285808     1.41   0.171    -.0185858    .0991407
       1  1  |    .016028    .018538     0.86   0.395    -.0221517    .0542077
       1  3  |  -.0304293   .0464874    -0.65   0.519     -.126172    .0653134
       1  4  |   .1014699   .0533849     1.90   0.069    -.0084784    .2114182
       1  5  |   .2230102    .050186     4.44   0.000     .1196502    .3263702
       1  6  |   .2315692   .0496164     4.67   0.000     .1293824     .333756
       1  7  |   .2448776   .0579327     4.23   0.000     .1255629    .3641924
       1  8  |   .2401686   .0555317     4.32   0.000     .1257989    .3545383
       1  9  |   .1740384   .0599407     2.90   0.008     .0505883    .2974886
       1 10  |   .1781028   .0690027     2.58   0.016     .0359891    .3202164
             |
       _cons |   .1269546   .0179133     7.09   0.000     .0900616    .1638477
```

```
------------+----------------------------------------------------------------
     sigma_u |   .1678707
     sigma_e |  .14127956
         rho |  .58538195   (fraction of variance due to u_i)
------------------------------------------------------------------------------

380 . margins revny#year, noestimcheck

Adjusted predictions                            Number of obs     =        840
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |   .1265309   .0201835     6.27   0.000      .086972    .1660898
        0  1 |   .1261045   .0181648     6.94   0.000     .0905021    .1617069
        0  2 |   .1269546   .0179133     7.09   0.000     .0918453     .162064
        0  3 |   .1517157   .0184406     8.23   0.000     .1155728    .1878585
        0  4 |   .1784953   .0196063     9.10   0.000     .1400676    .2169229
        0  5 |   .1703517   .0151935    11.21   0.000      .140573    .2001304
        0  6 |   .1964455   .0206128     9.53   0.000     .1560451    .2368458
        0  7 |   .1906597   .0235969     8.08   0.000     .1444106    .2369088
        0  8 |   .1898639    .023764     7.99   0.000     .1432874    .2364405
        0  9 |   .1877856   .0300896     6.24   0.000     .1288111    .2467602
        0 10 |   .1923257   .0379816     5.06   0.000      .117883    .2667684
        1  0 |   .1668084   .0329573     5.06   0.000     .1022132    .2314035
        1  1 |   .1421325   .0266028     5.34   0.000      .089992    .1942729
        1  2 |   .1269546   .0179133     7.09   0.000     .0918453     .162064
        1  3 |   .1212864   .0393676     3.08   0.002     .0441272    .1984455
        1  4 |   .2799652    .042991     6.51   0.000     .1957043     .364226
        1  5 |   .3933618   .0392871    10.01   0.000     .3163606    .4703631
        1  6 |   .4280147   .0381997    11.20   0.000     .3531447    .5028847
        1  7 |   .4355373   .0419933    10.37   0.000     .3532321    .5178426
        1  8 |   .4300325   .0415801    10.34   0.000      .348537    .5115281
        1  9 |   .3618241   .0457484     7.91   0.000     .2721589    .4514892
        1 10 |   .3704285   .0474577     7.81   0.000      .277413    .4634439
------------------------------------------------------------------------------

381 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 26 revolutions and 58 matched cases

382 .
383 . *=====================================================================
384 . * HIGHER LEVELS OF CORRUPTION IN URBAN CIVIC REVOLUTIONS (FIGURE 9.7)
385 . *    AND INFLUENCE ON ECONOMIC GROWTH
386 . *=====================================================================
387 . * Figure 9.7: continuing high levels of corruption after revolution
388 . clear

389 . use simplediffindifflong.dta, clear

390 . * Multiple imputation
391 . global yvar = "vdcorr"

392 . quietly: chp9simpmultimp

393 . * Successful social vs. failed social
394 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if leftist==1, fe vce(robust)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        594

Group variable: revid                           Number of groups  =         54
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0997
                                                Largest FMI       =     0.0870
                                                Complete DF       =         53
DF adjustment:   Small sample                   DF:     min       =      45.36
                                                        avg       =      50.63
                                                        max       =      51.11
Model F test:       Equal FMI                   F(  20,   50.5)   =       1.39
Within VCE type:        Robust                  Prob > F          =     0.1727

                                 (Within VCE adjusted for 54 clusters in revid)
------------------------------------------------------------------------------
      vdcorr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |  -.0134613   .0084393    -1.60   0.117     -.030403    .0034803
          1  |  -.0075503   .0054207    -1.39   0.170    -.0184322    .0033316
          3  |    .015219   .0199227     0.76   0.448    -.0247754    .0552134
          4  |   .0160876   .0200424     0.80   0.426    -.0241471    .0563223
          5  |   .0208558   .0193677     1.08   0.287    -.0180246    .0597362
          6  |   .0185637   .0190968     0.97   0.336    -.0197727    .0569001
          7  |   .0207609   .0191751     1.08   0.284    -.0177327    .0592546
          8  |   .0213281   .0198391     1.08   0.287    -.0184986    .0611548
          9  |   .0184858   .0202413     0.91   0.365    -.0221482    .0591198
         10  |   .0271101   .0205948     1.32   0.194    -.0142336    .0684538
             |
```

```
success#year |
       1  0  |   .0131117   .0093649     1.40   0.168    -.0057305    .0319539
       1  1  |   .0108888    .006301     1.73   0.091    -.0017994    .0235769
       1  3  |  -.0975744   .0475217    -2.05   0.045    -.1929732   -.0021755
       1  4  |  -.1301395   .0691443    -1.88   0.066    -.2689454    .0086664
       1  5  |  -.1363718   .0689042    -1.98   0.053    -.2746958    .0019522
       1  6  |  -.1346445   .0688046    -1.96   0.056    -.2727685    .0034794
       1  7  |  -.1346983   .0684308    -1.97   0.054     -.272072    .0026754
       1  8  |  -.1084502   .0688551    -1.58   0.121    -.2466755    .0297751
       1  9  |  -.0988172   .0682268    -1.45   0.154    -.2357813    .0381469
       1 10  |  -.0922039   .0707094    -1.30   0.198    -.2341517    .0497439
             |
        cons |   .5156505   .0154539    33.37   0.000     .4846271    .5466739
-------------+----------------------------------------------------------------
     sigma_u |  .23865465
     sigma_e |  .08413209
         rho |  .88946216   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

395 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        594
                                                Average RVI       =     0.2155
                                                Largest FMI       =     0.0251
                                                Complete DF       =         53
DF adjustment:   Small sample                   DF:     min       =      49.79
                                                        avg       =      51.01
Within VCE type: Delta-method                           max       =      51.11

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.5021892	.0172677	29.08	0.000	.4675245	.5368539
2	.5081002	.0164235	30.94	0.000	.4751303	.5410701
3	.5156505	.0154539	33.37	0.000	.4846271	.5466739
4	.5308695	.0160697	33.04	0.000	.4986098	.5631291
5	.5317381	.0157617	33.74	0.000	.5000967	.5633795
6	.5365063	.0149195	35.96	0.000	.5065558	.5664568
7	.5342142	.0148321	36.02	0.000	.5044389	.5639895
8	.5364114	.0148759	36.06	0.000	.5065483	.5662745
9	.5369785	.0153541	34.97	0.000	.5061555	.5678016
10	.5341363	.0156983	34.03	0.000	.5026221	.5656504
11	.5427606	.0161147	33.68	0.000	.5104107	.5751105
12	.5153008	.0157301	32.76	0.000	.4837027	.5468989
13	.5189889	.0155766	33.32	0.000	.4877081	.5502697
14	.5156505	.0154539	33.37	0.000	.4846271	.5466739
15	.4332951	.0355888	12.18	0.000	.3618512	.504739
16	.4015986	.055753	7.20	0.000	.2896754	.5135217
17	.4001345	.0557135	7.18	0.000	.2882907	.5119783
18	.3995697	.0556883	7.18	0.000	.2877764	.5113629
19	.4017131	.0552533	7.27	0.000	.2907931	.5126332
20	.4285283	.0555973	7.71	0.000	.3169178	.5401388
21	.4353191	.0548482	7.94	0.000	.3252123	.5454259
22	.4505567	.0580523	7.76	0.000	.3340177	.5670956

```
396 . * Results loaded into MS Excel and graphed
397 . mi xeq 1: tab success if e(N_mi) & year==2 & leftist==1

m=1 data:
-> tab success if e(N_mi) & year==2 & leftist==1
```

Whether episode was successful	Freq.	Percent	Cum.
0	40	74.07	74.07
1	14	25.93	100.00
Total	54	100.00	

```
398 . * Successful urban civic vs. failed urban civic
399 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if urbancivic==1, fe vce(robus
    > t)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        539

Group variable: revid                           Number of groups  =         49
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.1395
                                                Largest FMI       =     0.0846
                                                Complete DF       =         48
DF adjustment:   Small sample                   DF:     min       =      41.27
                                                        avg       =      45.42
                                                        max       =      46.12
Model F test:       Equal FMI                   F(  20,   45.3)   =       1.91
Within VCE type:       Robust                   Prob > F          =     0.0358

                                (Within VCE adjusted for 49 clusters in revid)
```

vdcorr	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.success	0	(omitted)				
year						
0	-.0107733	.0078244	-1.38	0.175	-.026522	.0049754
1	-.0020519	.002801	-0.73	0.468	-.0076895	.0035857
3	.0205324	.0095729	2.14	0.037	.0012644	.0398004
4	.0117585	.0112804	1.04	0.303	-.0109462	.0344631
5	.0046104	.0153443	0.30	0.765	-.026274	.0354948
6	-.0045286	.0196771	-0.23	0.819	-.0441339	.0350767
7	-.0190205	.0273396	-0.70	0.490	-.0740566	.0360157
8	-.0198474	.0273252	-0.73	0.471	-.0749003	.0352054
9	-.0167528	.0321688	-0.52	0.605	-.0816069	.0481013
10	-.022619	.0328572	-0.69	0.495	-.0889624	.0437244
success#year						
1 0	.0119613	.00944	1.27	0.211	-.0070392	.0309618
1 1	.0031618	.0064095	0.49	0.624	-.009739	.0160626
1 3	-.0559986	.0310753	-1.80	0.078	-.1185456	.0065484
1 4	-.0893925	.0391564	-2.28	0.027	-.1682049	-.0105801
1 5	-.0820959	.0421141	-1.95	0.057	-.1668638	.0026721
1 6	-.0664219	.0462727	-1.44	0.158	-.1595631	.0267193
1 7	-.0506373	.0508099	-1.00	0.324	-.1529319	.0516572
1 8	-.044748	.0510127	-0.88	0.385	-.1474873	.0579913
1 9	-.0455831	.0555003	-0.82	0.416	-.15739	.0662238
1 10	-.0321444	.0559242	-0.57	0.568	-.1448541	.0805654
_cons	.7012511	.0177136	39.59	0.000	.6655979	.7369043
sigma_u	.20460365					
sigma_e	.0963782					

```
         rho |  .81840662   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

400 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        539
                                                Average RVI       =     4.3346
                                                Largest FMI       =     0.0869
                                                Complete DF       =         48
DF adjustment:   Small sample                   DF:     min       =      41.11
                                                        avg       =      45.33
Within VCE type: Delta-method                           max       =      46.12

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .6904778   .0191924    35.98   0.000     .6518482    .7291073
          2  |   .6991992    .017753    39.38   0.000     .6634667    .7349317
          3  |   .7012511   .0177136    39.59   0.000     .6655979    .7369043
          4  |   .7217835   .0180619    39.96   0.000     .6854292    .7581378
          5  |   .7130096   .0185129    38.51   0.000     .6757477    .7502715
          6  |   .7058615   .0199393    35.40   0.000     .6657286    .7459943
          7  |   .6967225   .0220238    31.63   0.000     .6523939    .7410512
          8  |   .6822306   .0273129    24.98   0.000     .6272481    .7372131
          9  |   .6814037   .0274165    24.85   0.000     .6261673      .73664
         10  |   .6844983   .0315139    21.72   0.000      .620959    .7480376
         11  |   .6786321   .0324149    20.94   0.000      .613174    .7440902
         12  |   .7024391   .0188295    37.31   0.000     .6645398    .7403383
         13  |    .702361   .0186743    37.61   0.000     .6647742    .7399479
         14  |   .7012511   .0177136    39.59   0.000     .6655979    .7369043
```

```
          15  |   .6657849   .0214359    31.06   0.000     .6226396    .7089302
          16  |   .6236171   .0223051    27.96   0.000     .5787223    .6685118
          17  |   .6237656   .0236458    26.38   0.000     .5761678    .6713634
          18  |   .6303006   .0260743    24.17   0.000     .5778092     .682792
          19  |   .6315933   .0270753    23.33   0.000     .5770612    .6861254
          20  |   .6366557   .0271908    23.41   0.000     .5818926    .6914188
          21  |   .6389152   .0299909    21.30   0.000      .578444    .6993863
          22  |   .6464877   .0300659    21.50   0.000     .5858917    .7070837
------------------------------------------------------------------------------

401 . * Results loaded into MS Excel and graphed
402 . mi xeq 1: tab success if e(N_mi) & year==2 & urbancivic==1

m=1 data:
-> tab success if e(N_mi) & year==2 & urbancivic==1

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         20       40.82       40.82
          1 |         29       59.18      100.00
------------+-----------------------------------
      Total |         49      100.00

403 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 2.9 percent of observations

404 . * Complete case sample as robustness test
405 . clear

406 . use simplediffindifflong.dta, clear

407 . xtreg $yvar i.success##ib(2).year if leftist==1, fe vce(robust)
note: 1.success omitted because of collinearity

Fixed-effects (within) regression               Number of obs     =         592
Group variable: revid                           Number of groups  =          54

R-sq:                                           Obs per group:
     within  = 0.0988                                         min =           9
     between = 0.0018                                         avg =        11.0
     overall = 0.0075                                         max =          11

                                                F(20,53)          =        2.01
corr(u_i, Xb)  = -0.0979                        Prob > F          =      0.0221

                                  (Std. Err. adjusted for 54 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
      vdcorr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |  -.0134613   .0084398    -1.59   0.117    -.0303893    .0034667
          1  |  -.0075503    .005421    -1.39   0.169    -.0184234    .0033228
          3  |    .015219   .0199238     0.76   0.448    -.0247432    .0551812
          4  |   .0160876   .0200436     0.80   0.426    -.0241147    .0562899
          5  |   .0208558   .0193689     1.08   0.286    -.0179932    .0597048
          6  |   .0185637   .0190979     0.97   0.335    -.0197418    .0568692
          7  |   .0207609   .0191762     1.08   0.284    -.0177017    .0592236
          8  |   .0213281   .0198403     1.07   0.287    -.0184666    .0611227
          9  |   .0184858   .0202425     0.91   0.365    -.0221154     .059087
         10  |   .0271101    .020596     1.32   0.194    -.0142003    .0684205
             |
success#year |
       1  0  |   .0174892   .0096372     1.81   0.075    -.0018406    .0368191
       1  1  |   .0132457   .0074128     1.79   0.080    -.0016224    .0281139
       1  3  |  -.0975744   .0475245    -2.05   0.045    -.1928964   -.0022524
       1  4  |  -.1301395   .0691484    -1.88   0.065    -.2688336    .0085546
       1  5  |  -.1363718   .0689083    -1.98   0.053    -.2745843    .0018408
       1  6  |  -.1346445   .0688087    -1.96   0.056    -.2726573    .0033682
       1  7  |  -.1346983   .0684349    -1.97   0.054    -.2719613    .0025647
       1  8  |  -.1084502   .0688591    -1.57   0.121    -.2465641    .0296638
       1  9  |  -.0988172   .0682309    -1.45   0.153     -.235671    .0380366
       1 10  |  -.0922039   .0707136    -1.30   0.198    -.2340374    .0496295
             |
       _cons |   .5163872   .0153756    33.58   0.000     .4855476    .5472267
-------------+----------------------------------------------------------------
     sigma_u |  .23847018
     sigma_e |  .08423872
         rho |  .88906039   (fraction of variance due to u_i)
------------------------------------------------------------------------------

408 . margins success#year, noestimcheck

Adjusted predictions                            Number of obs     =         592
Model VCE    : Robust

Expression   : Linear prediction, predict()
```

```
------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |   .5029258   .0171967    29.25   0.000     .4692209    .5366308
       0  1  |   .5088369   .0163501    31.12   0.000     .4767912    .5408825
       0  2  |   .5163872   .0153756    33.58   0.000     .4862516    .5465228
       0  3  |   .5316062   .0159546    33.32   0.000     .5003358    .5628766
       0  4  |   .5324748   .0156427    34.04   0.000     .5018156    .5631339
       0  5  |    .537243   .0147936    36.32   0.000      .508248     .566238
       0  6  |   .5349509   .0147065    36.38   0.000     .5061267     .563775
       0  7  |   .5371481   .0147504    36.42   0.000     .5082378    .5660584
       0  8  |   .5377152   .0152313    35.30   0.000     .5078624    .5675681
       0  9  |    .534873   .0155777    34.34   0.000     .5043411    .5654048
       0 10  |   .5434973   .0159971    33.97   0.000     .5121435    .5748511
       1  0  |   .5204151   .0184512    28.20   0.000     .4842513    .5565788
       1  1  |   .5220826   .0186434    28.00   0.000     .4855422     .558623
       1  2  |   .5163872   .0153756    33.58   0.000     .4862516    .5465228
       1  3  |   .4340318   .0356564    12.17   0.000     .3641464    .5039171
       1  4  |   .4023353    .055895     7.20   0.000      .292783    .5118875
       1  5  |   .4008712    .055855     7.18   0.000     .2913974     .510345
       1  6  |   .4003063   .0558314     7.17   0.000     .2908788    .5097339
       1  7  |   .4024498   .0553977     7.26   0.000     .2938722    .5110274
       1  8  |    .429265   .0557461     7.70   0.000     .3200048    .5385253
       1  9  |   .4360557   .0549982     7.93   0.000     .3282612    .5438503
       1 10  |   .4512933   .0581942     7.75   0.000     .3372348    .5653519
------------------------------------------------------------------------------

409 . xtreg $yvar i.success##ib(2).year if urbancivic==1, fe vce(robust)
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =         508
    Group variable: revid                           Number of groups  =          49

    R-sq:                                           Obs per group:
         within  = 0.0718                                         min =           5
         between = 0.0016                                         avg =        10.4
         overall = 0.0037                                         max =          11

                                                    F(20,48)          =        2.42
    corr(u_i, Xb)  = -0.0966                        Prob > F          =      0.0062

                                  (Std. Err. adjusted for 49 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
      vdcorr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |  -.0107733   .0078337    -1.38   0.175     -.026524    .0049774
          1  |  -.0020519   .0028043    -0.73   0.468    -.0076902    .0035865
          3  |   .0205324   .0095843     2.14   0.037      .001262    .0398028
          4  |   .0117585   .0112937     1.04   0.303    -.0109491     .034466
          5  |   .0046104   .0153625     0.30   0.765     -.026278    .0354987
          6  |  -.0045286   .0197004    -0.23   0.819    -.0441389    .0350817
          7  |   -.010031   .0253318    -0.40   0.694     -.060964     .040902
          8  |  -.0162109   .0246193    -0.66   0.513    -.0657113    .0332895
          9  |  -.0103164   .0297483    -0.35   0.730    -.0701293    .0494965
         10  |   -.022852   .0327139    -0.70   0.488    -.0886277    .0429238
             |
success#year |
       1  0  |   .0119613   .0094512     1.27   0.212    -.0070416    .0309642
       1  1  |   .0031618   .0064171     0.49   0.624    -.0097406    .0160643
       1  3  |  -.0559986    .031112    -1.80   0.078    -.1185535    .0065563
       1  4  |  -.0893925   .0392027    -2.28   0.027    -.1682149   -.0105701
       1  5  |  -.0818992   .0430542    -1.90   0.063    -.1684655     .004667
       1  6  |  -.0663141    .04722    -1.40   0.167    -.1612562     .028628
       1  7  |  -.0581875    .052085    -1.12   0.269    -.1629114    .0465364
       1  8  |  -.0467959   .0517924    -0.90   0.371    -.1509315    .0573397
       1  9  |  -.0518506   .0570939    -0.91   0.368    -.1666455    .0629443
       1 10  |  -.0270014   .0589015    -0.46   0.649    -.1454309    .0914281
             |
       _cons |   .7073163   .0173969    40.66   0.000     .6723375     .742295
-------------+----------------------------------------------------------------
     sigma_u |  .20477154
     sigma_e |  .09673279
         rho |   .8175573   (fraction of variance due to u_i)
------------------------------------------------------------------------------

410 . margins success#year, noestimcheck

    Adjusted predictions                            Number of obs     =         508
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |    .696543   .0190277    36.61   0.000     .6592494    .7338365
       0  1  |   .7052644   .0175915    40.09   0.000     .6707856    .7397432
       0  2  |   .7073163   .0173969    40.66   0.000     .6732191    .7414135
       0  3  |   .7278487   .0178319    40.82   0.000     .6928988    .7627985
       0  4  |   .7190747   .0184195    39.04   0.000     .6829732    .7551763
       0  5  |   .7119267   .0202993    35.07   0.000     .6721408    .7517125
       0  6  |   .7027877   .0224621    31.29   0.000     .6587629    .7468125
       0  7  |   .6972852   .0260999    26.72   0.000     .6461304    .7484401
```

```
       0  8  |   .6911054   .0256754    26.92   0.000     .6407824    .7414283
       0  9  |   .6969999   .0298423    23.36   0.000     .6385101    .7554897
       0 10  |   .6844643      .0326    21.00   0.000     .6205695    .7483592
       1  0  |   .7085042   .0187169    37.85   0.000     .6718197    .7451888
       1  1  |   .7084262   .0185799    38.13   0.000     .6720103    .7448421
       1  2  |   .7073163   .0173969    40.66   0.000     .6732191    .7414135
       1  3  |   .6718501   .0212535    31.61   0.000     .6301941    .7135061
       1  4  |   .6296822   .0223236    28.21   0.000     .5859287    .6734357
       1  5  |   .6300274   .0246025    25.61   0.000     .5818074    .6782475
       1  6  |   .6364736   .0271247    23.46   0.000     .5833102     .689637
       1  7  |   .6390978   .0297141    21.51   0.000     .5808592    .6973363
       1  8  |   .6443095   .0297679    21.64   0.000     .5859654    .7026535
       1  9  |   .6451493   .0331947    19.44   0.000      .580089    .7102096
       1 10  |   .6574629   .0340566    19.31   0.000     .5907132    .7242126
------------------------------------------------------------------------------

411 .
412 . * Matched samples
413 . * Multiple imputation
414 . clear

415 . use matcheddiffindifflong.dta, clear

416 . global yvar = "vdcorr"

417 . quietly: chp9matchmultimp

418 . * Successful social vs. matched counterparts
419 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pwei
> ght=freqwt], fe cluster(revid)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        374

Group variable: diffid                          Number of groups  =         34
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
                                                DF:     min       =       6.55
                                                        avg       =       6.55
DF adjustment:   Small sample                           max       =       6.55
                                                F(   8,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
      vdcorr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0070499   .0064623    -1.09   0.314    -.0225486    .0084488
          1  |  -.0000706   .0041732    -0.02   0.987    -.0100792    .0099381
          3  |  -.0147115   .0154411    -0.95   0.375    -.0517442    .0223212
          4  |   -.013902   .0154683    -0.90   0.401    -.0509999    .0231959
          5  |  -.0144537   .0155162    -0.93   0.385    -.0516667    .0227592
          6  |  -.0141605   .0179411    -0.79   0.458    -.0571891    .0288681
          7  |  -.0081919   .0215432    -0.38   0.716    -.0598594    .0434756
          8  |  -.0059316   .0202727    -0.29   0.779     -.054552    .0426888
          9  |   .0081824   .0203901     0.40   0.701    -.0407196    .0570844
         10  |   .0106096   .0201321     0.53   0.616    -.0376737    .0588929
             |
  revny#year |
       1  0  |    .009508   .0076378     1.24   0.256    -.0088099    .0278258
       1  1  |   .0049373   .0066397     0.74   0.483    -.0109869    .0208615
       1  3  |  -.0787071   .0597884    -1.32   0.232     -.222099    .0646848
       1  4  |  -.1398952   .0879375    -1.59   0.159    -.3507979    .0710074
       1  5  |  -.1411367   .0877069    -1.61   0.155    -.3514863    .0692128
       1  6  |    -.14143   .0863904    -1.64   0.149     -.348622     .065762
       1  7  |  -.1462973   .0806805    -1.81   0.116    -.3397952    .0472006
       1  8  |  -.1365154   .0850064    -1.61   0.155    -.3403883    .0673574
       1  9  |  -.1400661   .0919364    -1.52   0.174    -.3605592     .080427
       1 10  |  -.1424933   .0914497    -1.56   0.166    -.3618193    .0768327
             |
       _cons |   .6415186   .0355073    18.07   0.000     .5563608    .7266765
-------------+----------------------------------------------------------------
     sigma_u |  .21071808
     sigma_e |   .0963876
         rho |  .82696767   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.
```

```
420 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.55
                                                        avg       =       6.55
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9. at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20. at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .6344687   .0365916    17.34   0.000     .5467103    .7222272
          2  |   .6414481   .0368312    17.42   0.000     .5531149    .7297813
          3  |   .6415186   .0355073    18.07   0.000     .5563608    .7266765
          4  |   .6268072   .0345974    18.12   0.000     .5438315    .7097829
          5  |   .6276166   .0295394    21.25   0.000     .5567715    .6984617
          6  |   .6270649   .0302564    20.73   0.000     .5545002    .6996296
          7  |   .6273582   .0291926    21.49   0.000     .5573448    .6973715
          8  |   .6333268   .0233361    27.14   0.000     .5773593    .6892943
          9  |   .6355871   .0249854    25.44   0.000     .5756639    .6955102
         10  |   .6497011   .0331708    19.59   0.000     .5701468    .7292553
         11  |   .6521282   .0326014    20.00   0.000     .5739396    .7303169
         12  |   .6439767   .0346046    18.61   0.000     .5609837    .7269698
         13  |   .6463854   .0346473    18.66   0.000       .56329    .7294808
         14  |   .6415186   .0355073    18.07   0.000     .5563608    .7266765
         15  |   .5481001   .0325133    16.86   0.000     .4701228    .6260774
         16  |   .4877214   .0593508     8.22   0.000     .3453789    .6300639
         17  |   .4859282   .0586016     8.29   0.000     .3453827    .6264737
         18  |   .4859282   .0586016     8.29   0.000     .3453827    .6264737
```

```
          19  |   .4870295   .0584851     8.33   0.000     .3467633    .6272957
          20  |   .4990716   .0617533     8.08   0.000     .3509672    .6471761
          21  |    .509635   .0610816     8.34   0.000     .3631415    .6561284
          22  |    .509635   .0610816     8.34   0.000     .3631415    .6561284
------------------------------------------------------------------------------

421 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

422 . * Successful urban civic vs. matched counterparts
423 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [p
    > weight=freqwt], fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946

    Group variable: diffid                          Number of groups  =         86
                                                    Obs per group:
                                                                  min =         11
                                                                avg =       11.0
                                                                max =         11
                                                    Average RVI       =     0.3241
                                                    Largest FMI       =     0.1306
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      19.92
                                                            avg       =      22.65
                                                            max       =      23.21
    Model F test:       Equal FMI                   F(  20,   21.6)   =       2.52
    Within VCE type:        Robust                  Prob > F          =     0.0195

                                  (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
      vdcorr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |           0  (omitted)
             |
        year |
          0  |  -.0101999   .0086865    -1.17   0.252    -.0281601    .0077604
          1  |  -.0073904   .0053715    -1.38   0.182    -.0184965    .0037156
          3  |   .0012458   .0035423     0.35   0.728    -.0060781    .0085698
          4  |  -.0074681   .0060826    -1.23   0.232    -.0200444    .0051082
          5  |  -.0027706   .0080191    -0.35   0.733    -.0193509    .0138096
          6  |   .0084261   .0111938     0.75   0.459    -.0147196    .0315717
          7  |   .0071816   .0118285     0.61   0.550    -.0173365    .0316996
          8  |   .0096555   .0128781     0.75   0.462    -.0171109    .0364219
          9  |   .0091743   .0132571     0.69   0.496    -.0183945    .0367432
         10  |   .0058773    .013945     0.42   0.678    -.0232186    .0349732
             |
  revny#year |
       1  0  |   .0132933   .0085896     1.55   0.135    -.0044666    .0310533
       1  1  |   .0101349   .0076718     1.32   0.199    -.0057274    .0259973
       1  3  |  -.0551206   .0278657    -1.98   0.060    -.1127357    .0024946
       1  4  |  -.0760883   .0257259    -2.96   0.007    -.1292792   -.0228974
       1  5  |  -.0734762   .0329279    -2.23   0.036    -.1415632   -.0053891
       1  6  |  -.0796288   .0350997    -2.27   0.033    -.1522213   -.0070363
       1  7  |  -.0783791   .0360808    -2.17   0.040    -.1530349   -.0037233
       1  8  |  -.0740914   .0356822    -2.08   0.049    -.1479425   -.0002404
       1  9  |   -.072899   .0388868    -1.87   0.074    -.1534968    .0076988
       1 10  |  -.0701653    .039968    -1.76   0.093    -.1530883    .0127576
             |
       _cons |   .6927901    .009202    75.29   0.000      .673764    .7118162
-------------+----------------------------------------------------------------
     sigma_u |  .21030436
     sigma_e |  .06653124
         rho |  .90902339   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

424 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        946
                                                    Average RVI       =     5.3244
                                                    Largest FMI       =     0.1070
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      20.61
                                                            avg       =      22.67
    Within VCE type: Delta-method                           max       =      23.21

    Expression   : Linear prediction, predict(xb)

    1._at        : revny          =           0
                   year           =           0

    2._at        : revny          =           0
                   year           =           1

    3._at        : revny          =           0
                   year           =           2

    4._at        : revny          =           0
                   year           =           3

    5._at        : revny          =           0
                   year           =           4
```

```
6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10. at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
          at |
           1  |   .6825902   .0136207    50.11   0.000     .6544281    .7107523
           2  |   .6853997   .0115854    59.16   0.000     .6614457    .7093537
           3  |   .6927901    .009202    75.29   0.000      .673764    .7118162
           4  |   .6940359   .0100168    69.29   0.000     .6733252    .7147467
           5  |    .685322   .0106233    64.51   0.000     .6633573    .7072866
           6  |   .6900195   .0135657    50.87   0.000     .6619711    .7180678
           7  |   .7012162    .015122    46.37   0.000      .669949    .7324834
           8  |   .6999717   .0156075    44.85   0.000     .6676577    .7322856
           9  |   .7024456   .0162674    43.18   0.000     .6687099    .7361813
          10  |   .7019644   .0167516    41.90   0.000     .6672145    .7367144
          11  |   .6986674   .0172221    40.57   0.000     .6628691    .7344657
          12  |   .6958836   .0102149    68.12   0.000     .6747633    .7170038
          13  |   .6955346    .010372    67.06   0.000     .6740895    .7169797
          14  |   .6927901    .009202    75.29   0.000      .673764    .7118162
          15  |   .6389154   .0197472    32.35   0.000     .5980861    .6797446
          16  |   .6092337   .0172041    35.41   0.000     .5736625    .6448048
          17  |   .6165433    .020173    30.56   0.000      .574825    .6582616
          18  |   .6215874   .0209581    29.66   0.000     .5782226    .6649521
          19  |   .6215926   .0217313    28.60   0.000     .5765745    .6666106
          20  |   .6283542   .0209157    30.04   0.000     .5849805    .6717278
          21  |   .6290654   .0242816    25.91   0.000      .578612    .6795188
          22  |    .628502   .0256577    24.50   0.000     .5750819    .6819222
------------------------------------------------------------------------------

425 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

426 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 4.1 percent of observations

427 . * Complete case sample as robustness test
428 . use matcheddiffindifflong.dta, clear

429 . xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], fe cluster(revid)
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       374
Group variable: diffid                          Number of groups   =        34

R-sq:  within  = 0.2162                         Obs per group: min =        11
       between = 0.0267                                        avg =      11.0
       overall = 0.0459                                        max =        11

                                                F(8,8)             =         .
corr(u_i, Xb)  = -0.0292                        Prob > F           =         .
```

(Std. Err. adjusted for 9 clusters in revid)

vdcorr	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0070499	.0064623	-1.09	0.307	-.021952	.0078522
1	-.0000706	.0041732	-0.02	0.987	-.0096939	.0095528
3	-.0147115	.0154411	-0.95	0.369	-.0503187	.0208957
4	-.013902	.0154683	-0.90	0.395	-.0495719	.0217679
5	-.0144537	.0155162	-0.93	0.379	-.0502342	.0213268
6	-.0141605	.0179411	-0.79	0.453	-.0555328	.0272118
7	-.0081919	.0215432	-0.38	0.714	-.0578705	.0414868
8	-.0059316	.0202727	-0.29	0.777	-.0526805	.0408173
9	.0081824	.0203901	0.40	0.699	-.0388372	.055202
10	.0106096	.0201321	0.53	0.612	-.0358151	.0570343
revny#year						
1 0	.009508	.0076378	1.24	0.248	-.0081047	.0271207
1 1	.0049373	.0066397	0.74	0.478	-.0103739	.0202485
1 3	-.0787071	.0597884	-1.32	0.224	-.2165793	.0591651
1 4	-.1398952	.0879375	-1.59	0.150	-.3426795	.0628891
1 5	-.1411367	.0877069	-1.61	0.146	-.3433893	.0611158
1 6	-.14143	.0863904	-1.64	0.140	-.3406465	.0577866
1 7	-.1462973	.0806805	-1.81	0.107	-.3323469	.0397522
1 8	-.1365154	.0850064	-1.61	0.147	-.3325406	.0595097
1 9	-.1400661	.0919364	-1.52	0.166	-.3520717	.0719395
1 10	-.1424933	.0914497	-1.56	0.158	-.3533767	.0683901
_cons	.6415186	.0355073	18.07	0.000	.5596388	.7233985
sigma_u	.21071808					
sigma_e	.0963876					
rho	.82696767	(fraction of variance due to u_i)				

430 . margins revny#year, noestimcheck

Adjusted predictions Number of obs = 374
Model VCE : Robust

Expression : Linear prediction, predict()

revny#year	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
0 0	.6344687	.0365916	17.34	0.000	.5627506	.7061869
0 1	.6414481	.0368312	17.42	0.000	.5692602	.713636
0 2	.6415186	.0355073	18.07	0.000	.5719257	.7111116
0 3	.6268072	.0345974	18.12	0.000	.5589976	.6946168
0 4	.6276166	.0295394	21.25	0.000	.5697204	.6855129
0 5	.6270649	.0302564	20.73	0.000	.5677634	.6863664
0 6	.6273582	.0291926	21.49	0.000	.5701416	.6845747
0 7	.6333268	.0233361	27.14	0.000	.5875889	.6790647
0 8	.6355871	.0249854	25.44	0.000	.5866165	.6845576
0 9	.6497011	.0331708	19.59	0.000	.5846876	.7147146
0 10	.6521282	.0326014	20.00	0.000	.5882307	.7160258
1 0	.6439767	.0346046	18.61	0.000	.576153	.7118005
1 1	.6463854	.0346473	18.66	0.000	.578478	.7142928
1 2	.6415186	.0355073	18.07	0.000	.5719257	.7111116
1 3	.5481001	.0325133	16.86	0.000	.4843753	.6118249
1 4	.4877214	.0593508	8.22	0.000	.3713959	.6040469
1 5	.4859282	.0586016	8.29	0.000	.3710713	.6007851
1 6	.4859282	.0586016	8.29	0.000	.3710713	.6007851
1 7	.4870295	.0584851	8.33	0.000	.3724008	.6016582
1 8	.4990716	.0617533	8.08	0.000	.3780373	.6201059
1 9	.509635	.0610816	8.34	0.000	.3899172	.6293527
1 10	.509635	.0610816	8.34	0.000	.3899172	.6293527

431 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

432 . xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], fe cluster(revid)
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression Number of obs = 892
Group variable: diffid Number of groups = 86

R-sq: within = 0.1259 Obs per group: min = 5
between = 0.0050 avg = 10.4
overall = 0.0000 max = 11

F(20,25) = 13.60
corr(u_i, Xb) = -0.1497 Prob > F = 0.0000

(Std. Err. adjusted for 26 clusters in revid)

vdcorr	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0102021	.0086988	-1.17	0.252	-.0281176	.0077135
1	-.0073912	.005379	-1.37	0.182	-.0184694	.0036871
3	.0012428	.0035471	0.35	0.729	-.0060627	.0085483
4	-.0074776	.0060904	-1.23	0.231	-.0200211	.0050658
5	-.0027846	.0080289	-0.35	0.732	-.0193205	.0137513
6	.008445	.0112873	0.75	0.461	-.0148017	.0316918
7	.0117396	.0117135	1.00	0.326	-.0123849	.035864
8	.0150471	.0123064	1.22	0.233	-.0102985	.0403927
9	.0188187	.0117828	1.60	0.123	-.0054485	.0430858
10	.0139427	.0132	1.06	0.301	-.0132431	.0411285
revny#year						
1 0	.0132955	.0086004	1.55	0.135	-.0044174	.0310085
1 1	.0101357	.0076792	1.32	0.199	-.00568	.0259513
1 3	-.0551175	.0278843	-1.98	0.059	-.1125463	.0023112
1 4	-.0760788	.0257442	-2.96	0.007	-.1291	-.0230576
1 5	-.073554	.0336635	-2.18	0.038	-.1428853	-.0042227
1 6	-.0799	.0358182	-2.23	0.035	-.153669	-.006131
1 7	-.0791266	.0361478	-2.19	0.038	-.1535744	-.0046789
1 8	-.0752352	.0351901	-2.14	0.042	-.1477106	-.0027598
1 9	-.0789551	.0391769	-2.02	0.055	-.1596414	.0017311
1 10	-.0675329	.0372814	-1.81	0.082	-.1443155	.0092497
_cons	.7027162	.0089744	78.30	0.000	.6842331	.7211993
sigma_u	.21030725					
sigma_e	.06624673					
rho	.90973199	(fraction of variance due to u_i)				

433 . margins revny#year, noestimcheck

Adjusted predictions Number of obs = 892
Model VCE : Robust

Expression : Linear prediction, predict()

revny#year	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
0 0	.6925141	.0134063	51.66	0.000	.6662382	.71879
0 1	.695325	.0113437	61.30	0.000	.6730918	.7175583
0 2	.7027162	.0089744	78.30	0.000	.6851267	.7203057
0 3	.703959	.0097751	72.02	0.000	.6848001	.7231179
0 4	.6952385	.0105374	65.98	0.000	.6745856	.7158915
0 5	.6999316	.0133495	52.43	0.000	.6737672	.7260961
0 6	.7111612	.0148166	48.00	0.000	.6821213	.7402011
0 7	.7144558	.0148283	48.18	0.000	.6853928	.7435188
0 8	.7177633	.0150477	47.70	0.000	.6882703	.7472562
0 9	.7215349	.0149132	48.38	0.000	.6923056	.7507642
0 10	.7166589	.0161198	44.46	0.000	.6850646	.7482532
1 0	.7058097	.0098304	71.80	0.000	.6865423	.725077
1 1	.7054607	.0100018	70.53	0.000	.6858576	.7250638
1 2	.7027162	.0089744	78.30	0.000	.6851267	.7203057
1 3	.6488415	.0198199	32.74	0.000	.6099952	.6876877
1 4	.6191598	.0176208	35.14	0.000	.5846236	.6536959
1 5	.6263776	.0213255	29.37	0.000	.5845805	.6681747
1 6	.6312612	.0219455	28.76	0.000	.5882487	.6742737
1 7	.6353291	.0227649	27.91	0.000	.5907108	.6799474
1 8	.6425281	.0214888	29.90	0.000	.6004108	.6846454
1 9	.6425798	.0261972	24.53	0.000	.5912343	.6939252
1 10	.649126	.0246783	26.30	0.000	.6007573	.6974946

434 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

435 .
436 . * Negative effect of corruption on economic growth after successful revolution
437 . * Complete case sample
438 . use simplediffindifflong.dta, clear

439 . xtreg gdpa1990index vdcorr if success==1 & year>2, fe

Fixed-effects (within) regression Number of obs = 314
Group variable: revid Number of groups = 42

R-sq: Obs per group:
within = 0.0177 min = 3
between = 0.0118 avg = 7.5
overall = 0.0095 max = 8

F(1,271) = 4.89
corr(u_i, Xb) = -0.1243 Prob > F = 0.0279

```
------------------------------------------------------------------------------
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      vdcorr |  -19.55403   8.843763    -2.21   0.028    -36.96524   -2.142815
        cons |   116.9694   5.353364    21.85   0.000       106.43    127.5089
-------------+----------------------------------------------------------------
     sigma_u |  19.633373
     sigma_e |   10.28105
         rho |  .78479929   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(41, 271) = 27.81                     Prob > F = 0.0000

440 . * Negative effect of corruption on growth is especially evident after successful urban civic revolutions
441 . xtreg gdpa1990index vdcorr if success==1 & urbancivic==0 & year>2, fe

Fixed-effects (within) regression               Number of obs     =       112
Group variable: revid                           Number of groups  =        14

R-sq:                                           Obs per group:
     within  = 0.0198                                         min =         8
     between = 0.0262                                         avg =       8.0
     overall = 0.0157                                         max =         8

                                                F(1,97)           =      1.96
corr(u_i, Xb)  = -0.3334                        Prob > F          =    0.1645

------------------------------------------------------------------------------
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      vdcorr |    20.9279   14.94236     1.40   0.165    -8.728553    50.58436
       _cons |   93.25151   7.064562    13.20   0.000     79.23031    107.2727
-------------+----------------------------------------------------------------
     sigma_u |  25.197416
     sigma_e |  10.822725
         rho |  .84424873   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(13, 97) = 38.54                     Prob > F = 0.0000

442 . xtreg gdpa1990index vdcorr if success==1 & urbancivic==1 & year>2, fe

Fixed-effects (within) regression               Number of obs     =       202
Group variable: revid                           Number of groups  =        28

R-sq:                                           Obs per group:
     within  = 0.0963                                         min =         3
     between = 0.0166                                         avg =       7.2
     overall = 0.0247                                         max =         8

                                                F(1,173)          =     18.44
corr(u_i, Xb)  = -0.3202                        Prob > F          =    0.0000

------------------------------------------------------------------------------
gdpa1990in~x |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      vdcorr |  -45.23857   10.53561    -4.29   0.000    -66.03346   -24.44369
       _cons |   136.9834   7.154233    19.15   0.000     122.8626    151.1042
-------------+----------------------------------------------------------------
     sigma_u |  18.644276
     sigma_e |  9.5801363
         rho |  .79112083   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(27, 173) = 24.53                     Prob > F = 0.0000

443 .
444 .
445 . *=============================================
446 . *IMPACT OF REVOLUTION ON INVESTMENT AS % OF GDP
447 . *=============================================
448 . * Impact of revolutionary successs/failure on investment
449 . * Multiple imputation
450 . clear

451 . use simplediffindifflong.dta, clear

452 . global yvar = "investtogdp"

453 . quietly: chp9simpmultimp

454 . * Successful social vs. successful urban civic
455 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        363

Group variable: revid                           Number of groups  =         33
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.1806
                                                Largest FMI       =     0.2242
                                                Complete DF       =         32
                                                DF:     min       =      21.62
                                                        avg       =      28.19
DF adjustment:   Small sample                   max               =      30.17
                                                F(  18,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .
```

(Within VCE adjusted for 33 clusters in revid)

investtogdp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.leftist	0	(omitted)				
year						
0	.6638702	1.022652	0.65	0.521	-1.424167	2.751907
1	.288627	.5299431	0.54	0.590	-.7934033	1.370657
3	-2.478512	1.060015	-2.34	0.026	-4.642836	-.3141875
4	-2.913363	1.573287	-1.85	0.075	-6.14205	.3153233
5	-1.535828	1.536206	-1.00	0.328	-4.724954	1.653299
6	-.4010048	1.560262	-0.26	0.799	-3.623366	2.821356
7	.214741	1.856357	0.12	0.909	-3.587805	4.017287
8	-.6669977	1.838017	-0.36	0.719	-4.429284	3.095289
9	-2.007009	2.667022	-0.75	0.459	-7.490465	3.476447
10	-1.077323	2.280074	-0.47	0.641	-5.767173	3.612526
leftist#year						
1 0	.1777424	3.0381	0.06	0.954	-6.051671	6.407156
1 1	2.264773	3.464129	0.65	0.518	-4.808238	9.337783
1 3	-6.793012	3.852689	-1.76	0.088	-14.65938	1.073353
1 4	-.9658957	2.959372	-0.33	0.746	-7.015215	5.083424
1 5	-.7760565	2.994205	-0.26	0.797	-6.90654	5.354427
1 6	-2.182205	3.563511	-0.61	0.545	-9.468599	5.104189
1 7	-1.987855	2.599474	-0.76	0.451	-7.303253	3.327542
1 8	-1.264897	3.058118	-0.41	0.682	-7.513939	4.984145
1 9	-1.530545	4.31781	-0.35	0.726	-10.36509	7.303997
1 10	-4.293263	4.282781	-1.00	0.324	-13.05151	4.464982
_cons	23.52513	.9485593	24.80	0.000	21.58838	25.46189
sigma_u	7.3771292					
sigma_e	5.7607601					
rho	.6211966	(fraction of variance due to u_i)				

Note: sigma_u and sigma_e are combined in the original metric.

```
456 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        363
                                                Average RVI       =    14.7676
                                                Largest FMI       =     0.4323
                                                Complete DF       =         32
DF adjustment:   Small sample                   DF:     min       =      13.93
                                                        avg       =      27.19
Within VCE type: Delta-method                           max       =      30.17

Expression   : Linear prediction, predict(xb)

1._at        : leftist         =           0
               year            =           0

2._at        : leftist         =           0
               year            =           1

3._at        : leftist         =           0
               year            =           2

4._at        : leftist         =           0
               year            =           3

5._at        : leftist         =           0
               year            =           4

6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8._at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10._at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4
```

```
17._at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21. at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10
```

_at	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1	24.189	1.216676	19.88	0.000	21.70481	26.67319
2	23.81376	.9964382	23.90	0.000	21.77925	25.84827
3	23.52513	.9485593	24.80	0.000	21.58838	25.46189
4	21.04662	1.042687	20.18	0.000	18.91768	23.17556
5	20.61177	1.186826	17.37	0.000	18.16186	23.06168
6	21.98931	1.106424	19.87	0.000	19.61521	24.3634
7	23.12413	1.075771	21.50	0.000	20.84474	25.40352
8	23.73987	1.253434	18.94	0.000	21.15757	26.32218
9	22.85814	1.242766	18.39	0.000	20.30357	25.4127
10	21.51812	2.078915	10.35	0.000	17.21328	25.82297
11	22.44781	1.692456	13.26	0.000	18.93143	25.96419
12	24.36675	2.861425	8.52	0.000	18.49551	30.23798
13	26.07853	3.547892	7.35	0.000	18.8345	33.32257
14	23.52513	.9485593	24.80	0.000	21.58838	25.46189
15	14.25361	3.431388	4.15	0.000	7.24745	21.25977
16	19.64587	2.503199	7.85	0.000	14.53488	24.75687
17	21.21325	2.403509	8.83	0.000	16.3058	26.1207
18	20.94192	2.893538	7.24	0.000	15.03394	26.84991
19	21.75202	1.638861	13.27	0.000	18.40581	25.09822
20	21.59324	2.196728	9.83	0.000	17.10799	26.07849
21	19.98758	3.114942	6.42	0.000	13.62753	26.34762
22	18.15455	3.320856	5.47	0.000	11.37407	24.93502

```
457 . mi xeq 1: tab success if e(N_mi) & year==2 & success==1

    m=1 data:
    -> tab success if e(N_mi) & year==2 & success==1
```

Whether episode was successful	Freq.	Percent	Cum.
1	33	100.00	100.00
Total	33	100.00	

```
458 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 7.7 percent of observations

459 . * Complete case sample as robustness test
460 . clear

461 . use simplediffindifflong.dta, clear

462 . xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)
    note: 1.leftist omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =        350
    Group variable: revid                           Number of groups  =         36

    R-sq:                                           Obs per group:
         within  = 0.1115                                         min =          2
         between = 0.0124                                         avg =        9.7
         overall = 0.0472                                         max =         11

                                                    F(19,35)          =          .
    corr(u_i, Xb)  = -0.0074                        Prob > F          =          .

                                  (Std. Err. adjusted for 36 clusters in revid)
```

investtogdp	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.leftist	0	(omitted)				
year						
0	.6638702	1.022437	0.65	0.520	-1.411788	2.739529
1	.288627	.5298318	0.54	0.589	-.7869887	1.364243
3	-2.478512	1.059793	-2.34	0.025	-4.630005	-.3270184
4	-2.788535	1.532917	-1.82	0.077	-5.900523	.3234524
5	-1.45482	1.311544	-1.11	0.275	-4.117397	1.207756
6	-.0832264	1.445572	-0.06	0.954	-3.017894	2.851441
7	1.038807	1.921615	0.54	0.592	-2.862279	4.939892
8	.063216	1.924747	0.03	0.974	-3.844228	3.97066
9	-1.071513	2.777292	-0.39	0.702	-6.709716	4.56669
10	-.0587495	2.311382	-0.03	0.980	-4.751104	4.633605
leftist#year						

```
       1  0  |   .9670619   3.084869     0.31   0.756    -5.295554    7.229678
       1  1  |   2.264773   3.463402     0.65   0.517    -4.766307    9.295852
       1  3  |  -6.188663   3.731126    -1.66   0.106    -13.76325    1.385925
       1  4  |  -1.085515   2.837262    -0.38   0.704    -6.845464    4.674434
       1  5  |  -1.026008   2.854225    -0.36   0.721    -6.820393    4.768378
       1  6  |  -2.869784   3.414612    -0.84   0.406    -9.801814    4.062246
       1  7  |  -3.187466   2.767609    -1.15   0.257    -8.806012     2.43108
       1  8  |  -2.114983   3.147761    -0.67   0.506    -8.505278    4.275312
       1  9  |  -2.474278    4.26147    -0.58   0.565    -11.12552    6.176966
       1 10  |  -4.878997   4.137588    -1.18   0.246    -13.27875    3.520754
             |
      _cons  |   23.36121   .9489537    24.62   0.000     21.43474    25.28769
-------------+----------------------------------------------------------------
     sigma_u |  7.4726782
     sigma_e |  5.5843563
         rho |  .64165823   (fraction of variance due to u_i)
------------------------------------------------------------------------------

463 . margins leftist#year, noestimcheck

Adjusted predictions                            Number of obs     =        350
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
leftist#year |
       0  0  |   24.02508    1.24131    19.35   0.000     21.59216    26.45801
       0  1  |   23.64984   1.008169    23.46   0.000     21.67387    25.62582
       0  2  |   23.36121   .9489537    24.62   0.000      21.5013    25.22113
       0  3  |    20.8827   1.061494    19.67   0.000     18.80221    22.96319
       0  4  |   20.57268   1.203136    17.10   0.000     18.21458    22.93078
       0  5  |   21.90639    .948496    23.10   0.000     20.04738    23.76541
       0  6  |   23.27799   1.013727    22.96   0.000     21.29112    25.26486
       0  7  |   24.40002   1.378743    17.70   0.000     21.69773    27.10231
       0  8  |   23.42443   1.395623    16.78   0.000     20.68906     26.1598
       0  9  |    22.2897   2.220873    10.04   0.000     17.93687    26.64253
       0 10  |   23.30246   1.760693    13.23   0.000     19.85157    26.75336
       1  0  |   24.99215   2.906049     8.60   0.000     19.29639     30.6879
       1  1  |   25.91461   3.575549     7.25   0.000     18.90667    32.92256
       1  2  |   23.36121   .9489537    24.62   0.000      21.5013    25.22113
       1  3  |   14.69404   3.202332     4.59   0.000     8.417584    20.97049
       1  4  |   19.48716   2.296835     8.48   0.000     14.98545    23.98888
       1  5  |   20.88039   2.254138     9.26   0.000     16.46236    25.29842
       1  6  |    20.4082   2.663058     7.66   0.000     15.18871     25.6277
       1  7  |   21.21255   1.656688    12.80   0.000     17.96551     24.4596
       1  8  |   21.30945   2.110704    10.10   0.000     17.17254    25.44635
       1  9  |   19.81542   2.830364     7.00   0.000     14.26801    25.36283
       1 10  |   18.42347   3.012471     6.12   0.000     12.51913     24.3278
------------------------------------------------------------------------------

464 .
465 . * Matched samples
466 . * Multiple imputation
467 . clear

468 . use matcheddiffindifflong.dta, clear

469 . global yvar = "investtogdp"

470 . quietly: chp9matchmultimp

471 . * Successful social vs. matched counterparts
472 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if leftist==1 & success==1 [pwei
    > ght=freqwt], fe cluster(revid)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        231

Group variable: diffid                          Number of groups  =         21
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          4
                                                DF:     min       =       2.86
                                                        avg       =       2.86
DF adjustment:   Small sample                           max       =       2.86
                                                F(   4,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 5 clusters in revid)
------------------------------------------------------------------------------
 investtogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -1.712683    .942201    -1.82   0.171    -4.797813    1.372448
          1  |   .8388817   1.273746     0.66   0.559    -3.331854    5.009617
          3  |     .24838   1.597849     0.16   0.887    -4.983595    5.480355
          4  |    1.37725   1.700177     0.81   0.480    -4.189789    6.944288
          5  |   2.558727   2.173184     1.18   0.328    -4.557119    9.674574
```

```
           6  |   2.012301    2.00337     1.00   0.392    -4.547508     8.57211
           7  |    1.76809   4.408514     0.40   0.716    -12.66709    16.20327
           8  |   1.162386   4.833602     0.24   0.826     -14.6647    16.98947
           9  |   .9006194   4.442066     0.20   0.853    -13.64442    15.44566
          10  |   1.712627   4.437256     0.39   0.726    -12.81666    16.24192
              |
  revny#year |
       1  0  |    3.02599   4.004027     0.76   0.507    -10.08474    16.13672
       1  1  |   4.034872   6.360628     0.63   0.573    -16.79228    24.86203
       1  3  |  -12.92545   4.577317    -2.82   0.070    -27.91336    2.062455
       1  4  |  -6.596341    3.96877    -1.66   0.200    -19.59163    6.398945
       1  5  |   -7.81726   3.342175    -2.34   0.106    -18.76083    3.126311
       1  6  |  -9.003565   2.963129    -3.04   0.060      -18.706    .6988655
       1  7  |  -6.036894   4.157117    -1.45   0.247     -19.6489    7.575113
       1  8  |  -6.767239   4.847105    -1.40   0.261    -22.63853    9.104055
       1  9  |  -8.846448   5.596655    -1.58   0.217    -27.17206    9.479163
       1 10  |  -11.68963   4.513053    -2.59   0.085    -26.46711    3.087848
              |
       _cons |   23.55084   2.150962    10.95   0.002     16.50776    30.59392
-------------+----------------------------------------------------------------
     sigma_u |  10.073768
     sigma_e |    5.81308
         rho |  .75019423   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

473 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        231
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          4
DF adjustment:   Small sample                   DF:     min       =       2.86
                                                        avg       =       2.86
Within VCE type: Delta-method                           max       =       2.86

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8
```

```
21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	21.83816	1.992071	10.96	0.002	15.31534	28.36097
2	24.38972	2.038642	11.96	0.002	17.71442	31.06502
3	23.55084	2.150962	10.95	0.002	16.50776	30.59392
4	23.79922	1.085376	21.93	0.000	20.24528	27.35316
5	24.92809	1.072641	23.24	0.000	21.41585	28.44033
6	26.10957	.9760456	26.75	0.000	22.91362	29.30552
7	25.56314	.4636455	55.14	0.000	24.04499	27.08129
8	25.31893	2.76105	9.17	0.003	16.27818	34.35967
9	24.71323	3.208844	7.70	0.005	14.20623	35.22022
10	24.45146	2.89063	8.46	0.004	14.98642	33.9165
11	25.26347	2.602043	9.71	0.003	16.74337	33.78356
12	24.86415	3.809775	6.53	0.008	12.38947	37.33882
13	28.42459	5.592163	5.08	0.017	10.11369	46.7355
14	23.55084	2.150962	10.95	0.002	16.50776	30.59392
15	10.87377	3.684128	2.95	0.064	-1.189493	22.93703
16	18.33175	3.841473	4.77	0.020	5.75328	30.91021
17	18.29231	2.867248	6.38	0.009	8.903826	27.68079
18	16.55957	2.54682	6.50	0.009	8.220302	24.89885
19	19.28203	1.515662	12.72	0.001	14.31917	24.2449
20	17.94599	1.963999	9.14	0.003	11.51509	24.37688
21	15.60501	3.44644	4.53	0.022	4.320034	26.88999
22	13.57383	3.361367	4.04	0.030	2.567417	24.58025

```
474 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 5 revolutions and 16 matched cases

475 . * Successful urban civic vs. matched counterparts
476 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if urbancivic==1 & success==1 [p
    > weight=freqwt], fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        759

    Group variable: diffid                          Number of groups  =         69
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.3842
                                                    Largest FMI       =     0.3746
                                                    Complete DF       =         21
    DF adjustment:   Small sample                   DF:     min       =      11.11
                                                            avg       =      16.27
                                                            max       =      19.25
    Model F test:       Equal FMI                   F(  20,   17.4)   =       0.95
    Within VCE type:        Robust                  Prob > F          =     0.5449

                                  (Within VCE adjusted for 22 clusters in revid)
```

investtogdp	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0357973	.3880183	-0.09	0.927	-.8472158	.7756212
1	.067164	.5116349	0.13	0.897	-1.00276	1.137088
3	-.8779437	.6513613	-1.35	0.193	-2.240061	.4841739
4	-.7458742	.8080272	-0.92	0.368	-2.444243	.9524943
5	-.4572318	.8296857	-0.55	0.589	-2.209252	1.294789
6	-.0651727	.9030002	-0.07	0.943	-1.97957	1.849225
7	.3692759	1.123843	0.33	0.748	-2.058194	2.796746
8	.1910972	1.269796	0.15	0.883	-2.600402	2.982596
9	-.5895764	1.538744	-0.38	0.708	-3.939685	2.760532
10	-.8440094	1.800154	-0.47	0.647	-4.717318	3.0293
revny#year						
1 0	.8149115	1.232764	0.66	0.516	-1.763027	3.39285
1 1	-.0793352	.6989415	-0.11	0.911	-1.540952	1.382281
1 3	-1.075608	.8271113	-1.30	0.209	-2.805252	.6540352
1 4	-1.652261	1.056057	-1.56	0.135	-3.872994	.5684725
1 5	-1.328209	1.131087	-1.17	0.258	-3.73189	1.075471
1 6	-.4783502	1.482241	-0.32	0.751	-3.627654	2.670954
1 7	-.6137956	1.889434	-0.32	0.749	-4.603986	3.376395
1 8	-.6328608	2.13843	-0.30	0.772	-5.22489	3.959169
1 9	-.9637282	2.545531	-0.38	0.711	-6.416165	4.488709
1 10	.1772486	2.385313	0.07	0.942	-4.986645	5.341142
_cons	23.43388	.7420267	31.58	0.000	21.88217	24.9856
sigma_u	6.8354261					
sigma_e	4.461536					
rho	.70124875	(fraction of variance due to u i)				

```
    Note: sigma_u and sigma_e are combined in the original metric.
```

```
477 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        759
                                                Average RVI       =     4.1217
                                                Largest FMI       =     0.5123
                                                Complete DF       =         21
DF adjustment:   Small sample                   DF:     min       =       8.40
                                                        avg       =      16.22
Within VCE type: Delta-method                           max       =      19.25

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9. at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20. at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   23.39809   .9375307    24.96   0.000     21.43754    25.35864
          2  |   23.50105   1.022239    22.99   0.000     21.36336    25.63874
          3  |   23.43388   .7420267    31.58   0.000     21.88217     24.9856
          4  |   22.55594    .741408    30.42   0.000     21.00552    24.10636
          5  |   22.68801   .6512814    34.84   0.000      21.3143    24.06172
          6  |   22.97665   .6617471    34.72   0.000     21.56794    24.38537
          7  |   23.36871   .7312858    31.96   0.000     21.80105    24.93637
          8  |   23.80316   .8961568    26.56   0.000     21.79501    25.81131
          9  |   23.62498   1.081466    21.85   0.000     21.15147    26.09849
         10  |   22.84431   1.314051    17.38   0.000     19.89927    25.78934
         11  |   22.58987   1.546154    14.61   0.000     19.20374    25.97601
         12  |     24.213   1.105475    21.90   0.000     21.90124    26.52475
         13  |   23.42171   .6760546    34.64   0.000     22.00796    24.83547
         14  |   23.43388   .7420267    31.58   0.000     21.88217     24.9856
         15  |   21.48033   .6796707    31.60   0.000     20.05901    22.90165
         16  |   21.03575   .8586604    24.50   0.000     19.23036    22.84114
         17  |   21.64844   .8048997    26.90   0.000     19.94994    23.34694
         18  |   22.89036   1.088697    21.03   0.000     20.58648    25.19424
```

```
          19  |   23.18936   1.449265    16.00   0.000     20.13714    26.24159
          20  |   22.99212   1.451739    15.84   0.000     19.91284     26.0714
          21  |   21.88058   1.867298    11.72   0.000     17.95121    25.80995
          22  |   22.76712   1.744706    13.05   0.000     19.05561    26.47863
------------------------------------------------------------------------------

478 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 22 revolutions and 47 matched cases

479 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 8.2 percent of observations

480 . * Complete case sample as robustness test
481 . clear

482 . use matcheddiffindifflong.dta, clear

483 . xtreg  $yvar i.revny##ib(2).year if leftist==1 & success==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       285
    Group variable: diffid                          Number of groups   =        28

    R-sq:  within  = 0.2953                         Obs per group: min =         2
           between = 0.0458                                        avg =      10.2
           overall = 0.0007                                        max =        11

                                                    F(6,6)             =         .
    corr(u_i, Xb)  = -0.3176                        Prob > F           =         .

                                   (Std. Err. adjusted for 7 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
 investtogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.9930182   1.118042    -0.89   0.409     -3.72877    1.742733
          1  |   .5265916   1.159445     0.45   0.666    -2.310469    3.363652
          3  |   .3700493   1.383294     0.27   0.798    -3.014748    3.754847
          4  |    1.80893   1.633099     1.11   0.310    -2.187121     5.80498
          5  |    2.44361   1.984351     1.23   0.264    -2.411922    7.299142
          6  |   1.705225   1.862204     0.92   0.395    -2.851422    6.261873
          7  |   1.293283   3.802728     0.34   0.745    -8.011657    10.59822
          8  |   .6647021   4.125687     0.16   0.877     -9.43049    10.75989
          9  |   .0391448   3.821569     0.01   0.992    -9.311897    9.390187
         10  |   1.633354   3.806568     0.43   0.683    -7.680981    10.94769
             |
  revny#year |
       1  0  |   2.306326     3.8776     0.59   0.574     -7.18182    11.79447
       1  1  |   4.347162   5.940611     0.73   0.492    -10.18899    18.88331
       1  3  |  -13.04712   4.449117    -2.93   0.026    -23.93372   -2.160524
       1  4  |  -7.028021   3.939365    -1.78   0.125     -16.6673    2.611257
       1  5  |  -7.702143   3.222161    -2.39   0.054    -15.58649    .1822003
       1  6  |  -9.008313   2.922746    -3.08   0.022    -16.16001   -1.856611
       1  7  |  -6.067196   3.701745    -1.64   0.152    -15.12504    2.990649
       1  8  |  -6.178795   4.236063    -1.46   0.195    -16.54407    4.186477
       1  9  |  -7.853211   4.898328    -1.60   0.160    -19.83899    4.132565
       1 10  |  -11.01595   4.128719    -2.67   0.037    -21.11856   -.9133387
             |
       _cons |   23.52532   2.037233    11.55   0.000     18.54038    28.51025
-------------+----------------------------------------------------------------
     sigma_u |  9.3852619
     sigma_e |  5.5213561
         rho |  .74288812   (fraction of variance due to u_i)
------------------------------------------------------------------------------

484 . margins revny#year, noestimcheck

    Adjusted predictions                            Number of obs     =        285
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |    22.5323   2.059011    10.94   0.000     18.49671    26.56789
       0  1  |   24.05191   1.914471    12.56   0.000     20.29961     27.8042
       0  2  |   23.52532   2.037233    11.55   0.000     19.53241    27.51822
       0  3  |   23.89536   1.072878    22.27   0.000     21.79256    25.99817
       0  4  |   25.33424   1.089492    23.25   0.000     23.19888    27.46961
       0  5  |   25.96893   .9102019    28.53   0.000     24.18496    27.75289
       0  6  |   25.23054   .5730551    44.03   0.000     24.10737    26.35371
       0  7  |    24.8186   2.300235    10.79   0.000     20.31022    29.32698
       0  8  |   24.19002   2.635176     9.18   0.000     19.02517    29.35487
       0  9  |   23.56446   2.392076     9.85   0.000     18.87608    28.25284
       0 10  |   25.15867   2.141351    11.75   0.000      20.9617    29.35564
       1  0  |   24.83862   3.654555     6.80   0.000     17.67583    32.00142
       1  1  |   28.39907   5.365341     5.29   0.000     17.88319    38.91494
       1  2  |   23.52532   2.037233    11.55   0.000     19.53241    27.51822
       1  3  |   10.84824    3.55294     3.05   0.002     3.884611    17.81188
       1  4  |   18.30622   3.670177     4.99   0.000     11.11281    25.49964
       1  5  |   18.26678   2.722011     6.71   0.000     12.93174    23.60183
       1  6  |   16.22223   2.417692     6.71   0.000     11.48364    20.96082
       1  7  |    18.7514   1.604416    11.69   0.000     15.60681      21.896
       1  8  |   18.01122    1.92053     9.38   0.000     14.24705    21.77539
       1  9  |   15.71125   3.125663     5.03   0.000     9.585062    21.83744
```

```
       1 10  |   14.14272   3.114762     4.54   0.000     8.037897    20.24754
------------------------------------------------------------------------------

485 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 7 revolutions and 21 matched cases

486 . xtreg  $yvar i.revny##ib(2).year if urbancivic==1 & success==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       779
Group variable: diffid                          Number of groups   =        80

R-sq:  within  = 0.0348                         Obs per group: min =         2
       between = 0.0053                                        avg =       9.7
       overall = 0.0018                                        max =        11

                                                F(20,25)           =      6.52
corr(u_i, Xb)  = -0.0712                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
 investtogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0775517   .3950794    -0.20   0.846     -.891233    .7361295
          1  |    .044053   .4975835     0.09   0.930    -.9807393    1.068845
          3  |  -.4799673   .6333257    -0.76   0.456    -1.784326    .8243914
          4  |   -.46334   .7338825    -0.63   0.534    -1.974799    1.048119
          5  |  -.2090701   .6409368    -0.33   0.747    -1.529104    1.110964
          6  |   .0125369   .8185156     0.02   0.988    -1.673227    1.698301
          7  |   .4883197   1.060215     0.46   0.649    -1.695235    2.671874
          8  |   .4641689   .9933269     0.47   0.644    -1.581626    2.509964
          9  |   .5664389   1.292359     0.44   0.665    -2.095225    3.228103
         10  |   .6963702   1.568461     0.44   0.661    -2.533936    3.926677
             |
  revny#year |
       1  0  |   .8566659   1.226422     0.70   0.491    -1.669198     3.38253
       1  1  |  -.0562242     .67898    -0.08   0.935     -1.45461    1.342161
       1  3  |  -1.473585   .8370594    -1.76   0.091    -3.197541    .2503713
       1  4  |  -1.865951   1.119829    -1.67   0.108    -4.172283    .4403804
       1  5  |  -1.424575   1.146239    -1.24   0.225    -3.785299     .936149
       1  6  |  -.1197306   1.499611    -0.08   0.937    -3.208237    2.968776
       1  7  |   .2767563   2.053389     0.13   0.894    -3.952277     4.50579
       1  8  |  -.3285149   2.007537    -0.16   0.871    -4.463116    3.806086
       1  9  |  -1.801718   2.541528    -0.71   0.485    -7.036092    3.432657
       1 10  |  -.9915326   2.254518    -0.44   0.664    -5.634799    3.651734
             |
       _cons |   22.96837    .721844    31.82   0.000     21.48171    24.45504
-------------+----------------------------------------------------------------
     sigma_u |  7.1721507
     sigma_e |  4.2870076
         rho |  .73676721   (fraction of variance due to u i)
------------------------------------------------------------------------------

487 . margins revny#year, noestimcheck

Adjusted predictions                            Number of obs     =        779
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   22.89082   .8697345    26.32   0.000     21.18617    24.59547
       0  1  |   23.01242   .8885336    25.90   0.000     21.27093    24.75392
       0  2  |   22.96837    .721844    31.82   0.000     21.55358    24.38316
       0  3  |    22.4884    .718006    31.32   0.000     21.08114    23.89567
       0  4  |   22.50503   .5500222    40.92   0.000     21.42701    23.58306
       0  5  |    22.7593   .5291153    43.01   0.000     21.72225    23.79635
       0  6  |   22.98091   .6535848    35.16   0.000     21.69991    24.26191
       0  7  |   23.45669   .7878407    29.77   0.000     21.91255    25.00083
       0  8  |   23.43254   .7638076    30.68   0.000     21.93551    24.92958
       0  9  |   23.53481   1.007072    23.37   0.000     21.56099    25.50863
       0 10  |   23.66474   1.259559    18.79   0.000     21.19605    26.13343
       1  0  |   23.74749    1.09485    21.69   0.000     21.60162    25.89335
       1  1  |    22.9562   .6573903    34.92   0.000     21.66774    24.24466
       1  2  |   22.96837    .721844    31.82   0.000     21.55358    24.38316
       1  3  |   21.01482    .680409    30.89   0.000     19.68124     22.3484
       1  4  |   20.63908   .9386947    21.99   0.000     18.79927    22.47889
       1  5  |   21.33473   .8812295    24.21   0.000     19.60755     23.0619
       1  6  |   22.86118   1.134765    20.15   0.000     20.63708    25.08528
       1  7  |   23.73345   1.617953    14.67   0.000     20.56232    26.90458
       1  8  |   23.10403   1.525212    15.15   0.000     20.11467    26.09339
       1  9  |   21.73309   2.181187     9.96   0.000     17.45805    26.00814
       1 10  |   22.67321   1.937242    11.70   0.000     18.87629    26.47013
------------------------------------------------------------------------------
```

```
488 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
    Regression contained 26 revolutions and 54 matched cases

489 .
490 . *=================================================================
491 . * EFFECT OF SOCIAL AND URBAN CIVIC REVOLUTIONS ON PROPERTY RIGHTS
492 . *=================================================================
493 . * Matched samples
494 . * Multiple imputation
495 . clear

496 . use matcheddiffindifflong.dta, clear

497 . global yvar = "vdproprts"

498 . quietly: chp9matchmultimp

499 . * Successful social vs. matched counterparts
500 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if leftist==1 & success==1 [pwei
    > ght=freqwt], fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
                                                    DF:     min       =       6.55
                                                            avg       =       6.55
    DF adjustment:   Small sample                           max       =       6.55
                                                    F(   8,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 9 clusters in revid)
    ------------------------------------------------------------------------------
       vdproprts |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
              0  |  -.0089631   .0092135    -0.97   0.365    -.0310602    .0131339
              1  |   6.30e-16          .        .       .            .           .
              3  |   .0166836   .0139683     1.19   0.274    -.0168169    .0501842
              4  |   .0172703   .0143655     1.20   0.271    -.0171829    .0517236
              5  |   .0193066   .0145553     1.33   0.229    -.0156016    .0542148
              6  |   .0195287   .0144803     1.35   0.222    -.0151998    .0542572
              7  |   .0205268   .0143562     1.43   0.199    -.0139041    .0549576
              8  |   .0253644   .0145937     1.74   0.129    -.0096361    .0603649
              9  |   .0281758   .0144572     1.95   0.095    -.0064972    .0628489
             10  |   .0281758   .0144572     1.95   0.095    -.0064972    .0628489
                 |
      revny#year |
           1  0  |   .0160925   .0110325     1.46   0.191    -.0103671    .0425521
           1  1  |  -7.35e-16          .        .       .            .           .
           1  3  |  -.0044651    .066703    -0.07   0.949    -.1644403    .1555102
           1  4  |  -.0332093   .0696921    -0.48   0.649    -.2003536     .133935
           1  5  |  -.0279746   .0685326    -0.41   0.696    -.1923378    .1363887
           1  6  |  -.0524828   .0795907    -0.66   0.532    -.2433671    .1384015
           1  7  |  -.0543995   .0800669    -0.68   0.520    -.2464259    .1376269
           1  8  |  -.0628193   .0820323    -0.77   0.471    -.2595593    .1339207
           1  9  |  -.0780114   .0909672    -0.86   0.421    -.2961801    .1401572
           1 10  |  -.0780114   .0909672    -0.86   0.421    -.2961801    .1401572
                 |
           _cons |   .3909471   .0351648    11.12   0.000     .3066104    .4752837
    -------------+----------------------------------------------------------------
         sigma_u |  .21719799
         sigma_e |  .08858218
             rho |  .85738732   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

501 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        374
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
    DF adjustment:   Small sample                   DF:     min       =       6.55
                                                            avg       =       6.55
    Within VCE type: Delta-method                           max       =       6.55

    Expression   : Linear prediction, predict(xb)

    1._at        : revny          =           0
                   year           =           0

    2._at        : revny          =           0
                   year           =           1

    3._at        : revny          =           0
                   year           =           2
```

```
4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8. at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19. at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22. at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .3819839   .0361487    10.57   0.000     .2952878    .4686801
          2  |   .3909471   .0351648    11.12   0.000     .3066104    .4752837
          3  |   .3909471   .0351648    11.12   0.000     .3066104    .4752837
          4  |   .4076307   .0236873    17.21   0.000      .350821    .4644404
          5  |   .4082174   .0243402    16.77   0.000     .3498417    .4665931
          6  |   .4102537   .0247839    16.55   0.000     .3508138    .4696935
          7  |   .4104758   .0247416    16.59   0.000     .3511373    .4698142
          8  |   .4114738   .0249954    16.46   0.000     .3515267     .471421
          9  |   .4163115   .0274784    15.15   0.000     .3504093    .4822136
         10  |   .4191229   .0284616    14.73   0.000     .3508627    .4873831
         11  |   .4191229   .0284616    14.73   0.000     .3508627    .4873831
         12  |   .3980764   .0377961    10.53   0.000     .3074292    .4887237
         13  |   .3909471   .0351648    11.12   0.000     .3066104    .4752837
         14  |   .3909471   .0351648    11.12   0.000     .3066104    .4752837
         15  |   .4031656   .0447601     9.01   0.000     .2958165    .5105148
         16  |   .3750082   .0472062     7.94   0.000     .2617925    .4882238
         17  |   .3822791   .0453471     8.43   0.000     .2735222     .491036
         18  |   .3579929   .0552011     6.49   0.000     .2256027    .4903831
         19  |   .3570744   .0554466     6.44   0.000     .2240954    .4900533
         20  |   .3534922   .0549026     6.44   0.000      .221818    .4851663
         21  |   .3411115   .0630313     5.41   0.001      .189942    .4922809
         22  |   .3411115   .0630313     5.41   0.001      .189942    .4922809
------------------------------------------------------------------------------

502 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

503 . * Successful urban civic vs. matched counterparts
```

```
504 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.revny##ib(2).year if urbancivic==1 & success==1 [p
    > weight=freqwt], fe cluster(revid)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946

    Group variable: diffid                          Number of groups  =         86
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.3079
                                                    Largest FMI       =     0.0707
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      21.61
                                                            avg       =      23.07
                                                            max       =      23.21
    Model F test:       Equal FMI                   F(  20,   21.7)   =       2.25
    Within VCE type:        Robust                  Prob > F          =     0.0342

                                  (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
   vdproprts |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0141521   .0068172    -2.08   0.049    -.0282474   -.0000568
          1  |   -.013645    .006788    -2.01   0.056    -.0276798    .0003898
          3  |   .0184138   .0114401     1.61   0.121    -.0052397    .0420674
          4  |    .037429   .0171133     2.19   0.039     .0020455    .0728125
          5  |   .0433174   .0204885     2.11   0.045     .0009554    .0856795
          6  |   .0753412   .0344958     2.18   0.039     .0040155    .1466669
          7  |   .0778927   .0345338     2.26   0.034     .0064823     .149303
          8  |   .0754613   .0343091     2.20   0.038     .0045173    .1464053
          9  |   .0762642   .0339712     2.24   0.035     .0060031    .1465252
         10  |   .0770344   .0342459     2.25   0.034     .0061967    .1478721
             |
  revny#year |
        1  0 |   .0192657    .008924     2.16   0.041     .0008144     .037717
        1  1 |   .0191729    .008655     2.22   0.037     .0012779    .0370679
        1  3 |   .0193436   .0115822     1.67   0.108    -.0046038     .043291
        1  4 |   .0579287   .0177035     3.27   0.003      .021325    .0945325
        1  5 |   .0483974   .0278413     1.74   0.095    -.0091716    .1059665
        1  6 |    .030902   .0333686     0.93   0.364    -.0381149    .0999189
        1  7 |   .0251835   .0356328     0.71   0.487     -.048531     .098898
        1  8 |   .0280414   .0346904     0.81   0.427    -.0437167    .0997995
        1  9 |   .0357954   .0328671     1.09   0.288    -.0322431    .1038339
        1 10 |   .0411309   .0332561     1.24   0.229    -.0279102    .1101719
             |
       _cons |   .5831492   .0193994    30.06   0.000      .543039    .6232594
-------------+----------------------------------------------------------------
     sigma_u |  .19281518
     sigma_e |  .09642746
         rho |  .79993405   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

505 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        946
                                                    Average RVI       =     3.7177
                                                    Largest FMI       =     0.1027
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      20.73
                                                            avg       =      22.94
    Within VCE type: Delta-method                           max       =      23.21

    Expression   : Linear prediction, predict(xb)

    1._at        : revny          =           0
                   year           =           0

    2._at        : revny          =           0
                   year           =           1

    3._at        : revny          =           0
                   year           =           2

    4._at        : revny          =           0
                   year           =           3

    5._at        : revny          =           0
                   year           =           4

    6._at        : revny          =           0
                   year           =           5

    7._at        : revny          =           0
                   year           =           6

    8. at        : revny          =           0
                   year           =           7

    9._at        : revny          =           0
                   year           =           8
```

```
10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14. at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.5689971	.0237166	23.99	0.000	.5199606	.6180336
2	.5695042	.0237494	23.98	0.000	.5203998	.6186086
3	.5831492	.0193994	30.06	0.000	.543039	.6232594
4	.601563	.0116678	51.56	0.000	.5774387	.6256873
5	.6205782	.0083882	73.98	0.000	.6032347	.6379217
6	.6264666	.0101332	61.82	0.000	.6055153	.647418
7	.6584904	.020877	31.54	0.000	.6153216	.7016592
8	.6610419	.0210418	31.42	0.000	.6175223	.7045615
9	.6586105	.0204863	32.15	0.000	.6162419	.7009791
10	.6594134	.0199882	32.99	0.000	.6180468	.70078
11	.6601836	.0204716	32.25	0.000	.6178024	.7025648
12	.5882628	.0207833	28.30	0.000	.5452912	.6312344
13	.5886771	.0207674	28.35	0.000	.5457384	.6316157
14	.5831492	.0193994	30.06	0.000	.543039	.6232594
15	.6209066	.0181552	34.20	0.000	.583369	.6584443
16	.6785069	.0119839	56.62	0.000	.6537289	.7032849
17	.674864	.0212575	31.75	0.000	.6309062	.7188219
18	.6893924	.0213343	32.31	0.000	.6452546	.7335302
19	.6862253	.0235771	29.11	0.000	.6374174	.7350333
20	.6866519	.0234283	29.31	0.000	.6381599	.7351439
21	.6952088	.0225806	30.79	0.000	.6483945	.742023
22	.7013145	.0237497	29.53	0.000	.6518849	.750744

```
506 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

507 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.1 percent of observations

508 . * Complete case sample as robustness test
509 . clear

510 . use matcheddiffindifflong.dta, clear

511 . xtreg  $yvar i.revny##ib(2).year if leftist==1 & success==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       374
    Group variable: diffid                          Number of groups   =        34

    R-sq:  within  = 0.0435                         Obs per group: min =        11
           between = 0.1008                                        avg =      11.0
           overall = 0.0653                                        max =        11

                                                    F(10,8)            =         .
    corr(u_i, Xb)  = 0.1789                         Prob > F           =         .
```

(Std. Err. adjusted for 9 clusters in revid)

vdproprts	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0089631	.0092135	-0.97	0.359	-.0302096	.0122833
1	6.30e-16	4.54e-09	0.00	1.000	-1.05e-08	1.05e-08
3	.0166836	.0139683	1.19	0.267	-.0155274	.0488947
4	.0172703	.0143655	1.20	0.264	-.0158567	.0503974
5	.0193066	.0145553	1.33	0.221	-.0142579	.0528711
6	.0195287	.0144803	1.35	0.214	-.013863	.0529204
7	.0205268	.0143562	1.43	0.191	-.0125788	.0536323
8	.0253644	.0145937	1.74	0.120	-.0082888	.0590176
9	.0281758	.0144572	1.95	0.087	-.0051625	.0615142
10	.0281758	.0144572	1.95	0.087	-.0051625	.0615142
revny#year						
1 0	.0160925	.0110325	1.46	0.183	-.0093485	.0415336
1 1	-7.35e-16	5.21e-09	-0.00	1.000	-1.20e-08	1.20e-08
1 3	-.0044651	.066703	-0.07	0.948	-.1582824	.1493522
1 4	-.0332093	.0696921	-0.48	0.646	-.1939196	.1275011
1 5	-.0279746	.0685326	-0.41	0.694	-.1860109	.1300618
1 6	-.0524828	.0795907	-0.66	0.528	-.2360193	.1310537
1 7	-.0543995	.0800669	-0.68	0.516	-.2390342	.1302352
1 8	-.0628193	.0820323	-0.77	0.466	-.2519861	.1263475
1 9	-.0780114	.0909672	-0.86	0.416	-.2877821	.1317592
1 10	-.0780114	.0909672	-0.86	0.416	-.2877821	.1317592
_cons	.3909471	.0351648	11.12	0.000	.3098568	.4720373
sigma_u	.21719799					
sigma_e	.08858218					
rho	.85738732	(fraction of variance due to u_i)				

512 . margins revny#year, noestimcheck

Adjusted predictions Number of obs = 374
Model VCE : Robust

Expression : Linear prediction, predict()

revny#year	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
0 0	.3819839	.0361487	10.57	0.000	.3111339	.452834
0 1	.3909471	.0351648	11.12	0.000	.3220253	.4598689
0 2	.3909471	.0351648	11.12	0.000	.3220253	.4598689
0 3	.4076307	.0236873	17.21	0.000	.3612045	.4540569
0 4	.4082174	.0243402	16.77	0.000	.3605115	.4559233
0 5	.4102537	.0247839	16.55	0.000	.3616781	.4588293
0 6	.4104758	.0247416	16.59	0.000	.3619831	.4589684
0 7	.4114738	.0249954	16.46	0.000	.3624837	.460464
0 8	.4163115	.0274784	15.15	0.000	.3624547	.4701682
0 9	.4191229	.0284616	14.73	0.000	.3633391	.4749067
0 10	.4191229	.0284616	14.73	0.000	.3633391	.4749067
1 0	.3980764	.0377961	10.53	0.000	.3239975	.4721554
1 1	.3909471	.0351648	11.12	0.000	.3220253	.4598689
1 2	.3909471	.0351648	11.12	0.000	.3220253	.4598689
1 3	.4031656	.0447601	9.01	0.000	.3154375	.4908938
1 4	.3750082	.0472062	7.94	0.000	.2824858	.4675305
1 5	.3822791	.0453471	8.43	0.000	.2934005	.4711577
1 6	.3579929	.0552011	6.49	0.000	.2498007	.4661852
1 7	.3570744	.0554466	6.44	0.000	.248401	.4657477
1 8	.3534922	.0549026	6.44	0.000	.245885	.4610993
1 9	.3411115	.0630313	5.41	0.000	.2175724	.4646505
1 10	.3411115	.0630313	5.41	0.000	.2175724	.4646505

513 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

514 . xtreg $yvar i.revny##ib(2).year if urbancivic==1 & success==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression Number of obs = 892
Group variable: diffid Number of groups = 86

R-sq: within = 0.1685 Obs per group: min = 5
between = 0.0068 avg = 10.4
overall = 0.0304 max = 11

F(20,25) = 13.14
corr(u_i, Xb) = 0.0032 Prob > F = 0.0000

(Std. Err. adjusted for 26 clusters in revid)

vdproprts	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.014163	.006826	-2.07	0.048	-.0282214	-.0001045
1	-.0136555	.0067968	-2.01	0.055	-.0276537	.0003427
3	.0184278	.0114555	1.61	0.120	-.0051653	.0420208
4	.0374575	.0171352	2.19	0.038	.0021669	.0727481
5	.0433505	.0205149	2.11	0.045	.0010993	.0856017
6	.0759134	.0347567	2.18	0.039	.0043307	.1474961
7	.0852268	.0354586	2.40	0.024	.0121985	.1582551
8	.0824776	.0351869	2.34	0.027	.0100088	.1549465
9	.0803055	.0365695	2.20	0.038	.0049892	.1556218
10	.0809919	.0378932	2.14	0.043	.0029494	.1590345
revny#year						
1 0	.0192766	.0089317	2.16	0.041	.0008815	.0376717
1 1	.0191834	.0086634	2.21	0.036	.0013408	.0370259
1 3	.0193297	.0115888	1.67	0.108	-.0045378	.0431972
1 4	.0579002	.0177136	3.27	0.003	.0214184	.094382
1 5	.0433251	.0297944	1.45	0.158	-.0180376	.1046878
1 6	.0249554	.0366598	0.68	0.502	-.0505469	.1004578
1 7	.0016308	.0424434	0.04	0.970	-.085783	.0890446
1 8	.0051821	.0413839	0.13	0.901	-.0800495	.0904138
1 9	.0191499	.039416	0.49	0.631	-.0620289	.1003286
1 10	.0309805	.0384249	0.81	0.428	-.0481571	.1101181
_cons	.5807103	.0176126	32.97	0.000	.5444365	.616984
sigma_u	.19427192					
sigma_e	.09411701					
rho	.80991224	(fraction of variance due to u_i)				

```
515 . margins revny#year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()
```

revny#year	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
0 0	.5665473	.0223547	25.34	0.000	.5227329	.6103617
0 1	.5670548	.0223851	25.33	0.000	.5231809	.6109286
0 2	.5807103	.0176126	32.97	0.000	.5461903	.6152303
0 3	.599138	.0094598	63.33	0.000	.5805971	.617679
0 4	.6181678	.007807	79.18	0.000	.6028663	.6334693
0 5	.6240608	.0104614	59.65	0.000	.6035567	.6445649
0 6	.6566237	.0233116	28.17	0.000	.6109339	.7023135
0 7	.6659371	.0232921	28.59	0.000	.6202855	.7115887
0 8	.6631879	.0226894	29.23	0.000	.6187175	.7076584
0 9	.6610158	.0234783	28.15	0.000	.6149992	.7070323
0 10	.6617022	.025006	26.46	0.000	.6126913	.7107131
1 0	.5858239	.0186453	31.42	0.000	.5492799	.6223679
1 1	.5862381	.0186364	31.46	0.000	.5497115	.6227648
1 2	.5807103	.0176126	32.97	0.000	.5461903	.6152303
1 3	.6184677	.0156135	39.61	0.000	.5878658	.6490696
1 4	.676068	.0134201	50.38	0.000	.649765	.7023709
1 5	.6673859	.0238108	28.03	0.000	.6207176	.7140543
1 6	.6815792	.0237568	28.69	0.000	.6350168	.7281416
1 7	.6675679	.0252073	26.48	0.000	.6181624	.7169734
1 8	.66837	.025062	26.67	0.000	.6192495	.7174906
1 9	.6801656	.0235266	28.91	0.000	.6340544	.7262769
1 10	.6926827	.02334	29.68	0.000	.6469371	.7384283

```
516 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

517 .
518 . *==================================
519 . * EFFECT OF REVOLUTION ON INFLATION
520 . *==================================
521 . * Impact of revolutionary successs/failure on inflation
522 . * Multiple imputation
523 . clear

524 . use fullsamplediffindifflong.dta, clear

525 . * Must alter variable name due to reshaping of data during multiple imputation
526 . generate anninflatwi = anninflat2
    (276 missing values generated)
```

```
527 . global yvar = "anninflatwi"

528 . quietly: chp9fullmultimp

529 . * Successful vs. failed
530 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year, fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =      1,694

    Group variable: revid                           Number of groups  =        154
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0885
                                                    Largest FMI       =     0.0963
                                                    Complete DF       =       1520
    DF adjustment:   Small sample                   DF:     min       =     582.59
                                                            avg       =   1,217.77
                                                            max       =   1,515.38
    Model F test:       Equal FMI                   F(  20, 1451.9)   =       1.19
    Within VCE type: Conventional                   Prob > F          =     0.2510

    ------------------------------------------------------------------------------
     anninflatwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.success |          0  (omitted)
                 |
            year |
              0  |  -6.150507   5.902112    -1.04   0.298    -17.72802    5.427002
              1  |  -.4404109   5.882798    -0.07   0.940    -11.97979    11.09897
              3  |   1.283763   5.881526     0.22   0.827    -10.25311    12.82064
              4  |    .796721   5.958992     0.13   0.894    -10.89383    12.48727
              5  |  -.1688456   5.878035    -0.03   0.977    -11.69884    11.36115
              6  |   3.143714   5.921507     0.53   0.596    -8.472218    14.75965
              7  |    1.38923   5.921842     0.23   0.815    -10.22737    13.00583
              8  |  -3.687571   5.901803    -0.62   0.532    -15.26447    7.889328
              9  |   3.152699   6.155196     0.51   0.609    -8.935602      15.241
             10  |  -1.315327   6.135003    -0.21   0.830    -13.36217    10.73152
                 |
    success#year |
           1  0  |   2.001872   8.608105     0.23   0.816    -14.88337    18.88711
           1  1  |  -1.491501   8.590173    -0.17   0.862    -18.34142    15.35842
           1  3  |   4.286613   8.683252     0.49   0.622    -12.74748    21.32071
           1  4  |   11.50357    8.74108     1.32   0.188    -5.645961    28.65311
           1  5  |   9.101246   8.883731     1.02   0.306     -8.33616    26.53865
           1  6  |   7.288203   8.724414     0.84   0.404    -9.827986    24.40439
           1  7  |   9.833277   8.985831     1.09   0.274    -7.812705    27.47926
           1  8  |    .084603   8.654774     0.01   0.992    -16.89292    17.06213
           1  9  |  -6.399095   8.799533    -0.73   0.467    -23.66607    10.86788
           1 10  |   4.159078   9.014177     0.46   0.645    -13.54516    21.86332
                 |
           _cons |   17.68695   3.028641     5.84   0.000     11.74618    23.62773
    -------------+----------------------------------------------------------------
         sigma_u |  29.987852
         sigma_e |  37.556095
             rho |  .38934018   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

531 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =      1,694
                                                    Average RVI       =     0.0885
                                                    Largest FMI       =     0.2202
                                                    Complete DF       =       1520
    DF adjustment:   Small sample                   DF:     min       =     171.34
                                                            avg       =   1,057.13
    Within VCE type: Delta-method                           max       =   1,517.31

    Expression   : Linear prediction, predict(xb)

    1._at        : success         =           0
                   year            =           0

    2._at        : success         =           0
                   year            =           1

    3._at        : success         =           0
                   year            =           2

    4._at        : success         =           0
                   year            =           3

    5._at        : success         =           0
                   year            =           4

    6._at        : success         =           0
                   year            =           5

    7._at        : success         =           0
                   year            =           6

    8._at        : success         =           0
                   year            =           7
```

```
9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	11.53645	5.062531	2.28	0.023	1.605731	21.46716
2	17.24654	5.043758	3.42	0.001	7.352933	27.14015
3	17.68695	3.028641	5.84	0.000	11.74618	23.62773
4	18.97072	5.038851	3.76	0.000	9.086781	28.85465
5	18.48368	5.121107	3.61	0.000	8.43628	28.53107
6	17.51811	5.032786	3.48	0.001	7.646117	27.3901
7	20.83067	5.083326	4.10	0.000	10.85868	30.80265
8	19.07619	5.096928	3.74	0.000	9.077115	29.07526
9	13.99938	5.060589	2.77	0.006	4.072512	23.92626
10	20.83965	5.375682	3.88	0.000	10.27116	31.40815
11	16.37163	5.339157	3.07	0.002	5.879159	26.8641
12	13.53832	5.484982	2.47	0.014	2.77935	24.29729
13	15.75504	5.480579	2.87	0.004	5.00473	26.50536
14	17.68695	3.028641	5.84	0.000	11.74618	23.62773
15	23.25733	5.646103	4.12	0.000	12.17675	34.33791
16	29.98725	5.640182	5.32	0.000	18.91865	41.05586
17	26.61935	5.953796	4.47	0.000	14.90221	38.3365
18	28.11887	5.782141	4.86	0.000	16.76011	39.47763
19	28.90946	6.17318	4.68	0.000	16.72418	41.09474
20	14.08399	5.608615	2.51	0.012	3.07904	25.08893
21	14.44056	5.698138	2.53	0.011	3.254238	25.62688
22	20.53071	5.873182	3.50	0.001	8.982821	32.07859

```
532 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 7 percent of observations

533 . drop anninflatwi

534 . * Complete case sample as robustness check
535 . clear

536 . use fullsamplediffindifflong.dta, clear

537 . xtreg anninflat2 i.success##ib(2).year, fe
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =      1,649
    Group variable: revid                           Number of groups  =        166

    R-sq:                                           Obs per group:
         within  = 0.0206                                         min =          2
         between = 0.0028                                         avg =        9.9
         overall = 0.0140                                         max =         11

                                                    F(20,1463)        =       1.54
    corr(u_i, Xb)  = 0.0044                         Prob > F          =     0.0599
```

```
------------------------------------------------------------------------------
  anninflat2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |  -6.224617   6.152867    -1.01   0.312      -18.294    5.844767
          1  |  -.4746484   6.043856    -0.08   0.937     -12.3302     11.3809
          3  |   1.639003    5.99704     0.27   0.785    -10.12471    13.40272
          4  |   .4232036   6.017132     0.07   0.944    -11.37992    12.22633
          5  |   1.913331   5.968513     0.32   0.749    -9.794426    13.62109
          6  |   3.621326   6.015559     0.60   0.547    -8.178715    15.42137
          7  |   .0120186   6.016246     0.00   0.998    -11.78937    11.81341
          8  |  -5.103253   6.057477    -0.84   0.400    -16.98552    6.779014
          9  |   2.102292   6.112149     0.34   0.731    -9.887219     14.0918
         10  |   -.435836   6.112149    -0.07   0.943    -12.42535    11.55368
             |
success#year |
       1  0  |   2.020421   8.900362     0.23   0.820    -15.43841    19.47925
       1  1  |  -1.457263   8.807317    -0.17   0.869    -18.73358    15.81905
       1  3  |   4.843868   8.830415     0.55   0.583    -12.47776    22.16549
       1  4  |   14.11188   8.865899     1.59   0.112    -3.279354    31.50311
       1  5  |   7.634815    8.85292     0.86   0.389    -9.730956    25.00059
       1  6  |   5.761058   8.989122     0.64   0.522    -11.87189      23.394
       1  7  |   12.35158   8.952664     1.38   0.168    -5.209852      29.913
       1  8  |   1.501554   8.979913     0.17   0.867    -16.11332    19.11643
       1  9  |  -9.779034   9.037303    -1.08   0.279    -27.50649    7.948421
       1 10  |  -1.591533   9.037303    -0.18   0.860    -19.31899    16.13592
             |
        cons |   18.83105   3.126271     6.02   0.000      12.6986     24.9635
-------------+----------------------------------------------------------------
     sigma_u |  31.403934
     sigma_e |  38.437777
         rho |  .40030002   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(165, 1463) = 6.45                   Prob > F = 0.0000

538 . margins success#year, noestimcheck

Adjusted predictions                            Number of obs     =      1,649
Model VCE    : Conventional

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |   12.60643   5.259354     2.40   0.017     2.298286    22.91458
       0  1  |    18.3564   5.132435     3.58   0.000     8.297012    28.41579
       0  2  |   18.83105   3.126271     6.02   0.000     12.70367    24.95843
       0  3  |   20.47005   5.069522     4.04   0.000     10.53397    30.40613
       0  4  |   19.25425   5.092519     3.78   0.000     9.273097    29.23541
       0  5  |   20.74438   5.031304     4.12   0.000     10.88321    30.60555
       0  6  |   22.45237   5.080239     4.42   0.000     12.49529    32.40946
       0  7  |   18.84307   5.080473     3.71   0.000     8.885521    28.80061
       0  8  |   13.72779   5.127295     2.68   0.007     3.678482    23.77711
       0  9  |   20.93334     5.1876     4.04   0.000     10.76583    31.10085
       0 10  |   18.39521     5.1876     3.55   0.000     8.227702    28.56272
       1  0  |   14.62685   5.702573     2.56   0.010     3.450014    25.80369
       1  1  |   16.89914   5.674313     2.98   0.003     5.777686    28.02059
       1  2  |   18.83105   3.126271     6.02   0.000     12.70367    24.95843
       1  3  |   25.31392   5.739339     4.41   0.000     14.06502    36.56282
       1  4  |   33.36613   5.769105     5.78   0.000     22.05889    44.67337
       1  5  |   28.37919   5.799239     4.89   0.000     17.01289    39.74549
       1  6  |   28.21343   5.941253     4.75   0.000     16.56879    39.85807
       1  7  |   31.19464   5.883559     5.30   0.000     19.66308    42.72621
       1  8  |   15.22935   5.883757     2.59   0.010     3.697398     26.7613
       1  9  |   11.15431   5.916569     1.89   0.059    -.4419574    22.75057
       1 10  |   16.80368   5.916569     2.84   0.005     5.207416    28.39994
------------------------------------------------------------------------------

539 .
540 . * Impact of social and urban civic revolutions on inflation
541 . clear

542 . use simplediffindifflong.dta, clear

543 . * Must alter variable name due to reshaping of data
544 . generate anninflatwi = anninflat2
    (120 missing values generated)

545 . global yvar = "anninflatwi"

546 . quietly: chp9simpmultimp

547 . * Successful social vs. successful urban civic
548 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, re

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Random-effects GLS regression                   Number of obs     =        418
```

```
Group variable: revid                           Number of groups  =         38
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.1036
                                                Largest FMI       =     0.3152
DF adjustment:   Large sample                   DF:     min       =      99.02
                                                        avg       =   1.92e+53
                                                        max       =   1.62e+54
Model F test:       Equal FMI                   F(  21,19878.2)   =       1.12
Within VCE type: Conventional                   Prob > F          =     0.3149

------------------------------------------------------------------------------
 anninflatwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |   44.60061   22.48146     1.98   0.047     .5377532    88.66346
             |
        year |
           0 |   1.389824    14.4759     0.10   0.924    -26.98243    29.76207
           1 |   .4288596    14.4759     0.03   0.976    -27.94339    28.80111
           3 |   7.153734    14.4759     0.49   0.621    -21.21852    35.52598
           4 |   29.26588   14.61228     2.00   0.045     .6250214    57.90675
           5 |   16.90807   14.52333     1.16   0.244    -11.55729    45.37343
           6 |   17.39513   14.86414     1.17   0.242    -11.74847    46.53873
           7 |   19.19274   14.78331     1.30   0.194    -9.788603    48.17409
           8 |     5.6607   14.58373     0.39   0.698    -22.92372    34.24512
           9 |   4.628659   16.00939     0.29   0.773    -26.89017    36.14749
          10 |    17.1648   17.32039     0.99   0.324    -17.20254    51.53213
             |
leftist#year |
       1  0  |  -34.73492   26.90551    -1.29   0.197    -87.46874     17.9989
       1  1  |  -22.83417   26.90551    -0.85   0.396    -75.56799    29.89965
       1  3  |   17.52565   27.74252     0.63   0.528    -36.87454    71.92584
       1  4  |  -20.05429   27.56751    -0.73   0.467    -74.10198     33.9934
       1  5  |   -14.2738   28.21804    -0.51   0.613    -69.64162    41.09402
       1  6  |  -18.61487   27.52384    -0.68   0.499    -72.57493    35.34518
       1  7  |  -43.11319   27.32178    -1.58   0.115    -96.66947     10.4431
       1  8  |  -38.18129   27.10731    -1.41   0.159    -91.31221    14.94964
       1  9  |  -33.28845   27.79114    -1.20   0.231    -87.78691       21.21
       1 10  |  -28.73505   27.88853    -1.03   0.303    -83.43085    25.96075
             |
       _cons |   8.080523   12.09565     0.67   0.504    -15.62651    31.78755
-------------+----------------------------------------------------------------
     sigma_u |  33.476873
     sigma_e |  53.184749
         rho |  .28377074   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

549 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        418
                                                Average RVI       =     0.1036
                                                Largest FMI       =     0.4011
DF adjustment:   Large sample                   DF:     min       =      61.67
                                                        avg       =   5.99e+57
Within VCE type: Delta-method                           max       =   6.60e+58

Expression   : Linear prediction, predict(xb)

1. at        : leftist         =           0
               year            =           0

2._at        : leftist         =           0
               year            =           1

3._at        : leftist         =           0
               year            =           2

4._at        : leftist         =           0
               year            =           3

5._at        : leftist         =           0
               year            =           4

6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8._at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10._at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12. at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1
```

```
14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5

18. at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21._at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	9.470347	12.09565	0.78	0.434	-14.23668	33.17738
2	8.509382	12.09565	0.70	0.482	-15.19765	32.21641
3	8.080523	12.09565	0.67	0.504	-15.62651	31.78755
4	15.23426	12.09565	1.26	0.208	-8.472775	38.94129
5	37.34641	12.25853	3.05	0.002	13.31789	61.37493
6	24.98859	12.15236	2.06	0.040	1.170125	48.80706
7	25.47565	12.55769	2.03	0.043	.8457524	50.10556
8	27.27327	12.4619	2.19	0.029	2.837366	51.70917
9	13.74122	12.22449	1.12	0.261	-10.21974	37.70219
10	12.70918	13.89436	0.91	0.362	-14.7397	40.15806
11	25.24532	15.38664	1.64	0.106	-5.515439	56.00608
12	19.33603	18.95024	1.02	0.308	-17.80575	56.47781
13	30.27582	18.95024	1.60	0.110	-6.865958	67.4176
14	52.68113	18.95024	2.78	0.005	15.53935	89.82291
15	77.36051	20.12096	3.84	0.000	37.85635	116.8647
16	61.89273	20.21135	3.06	0.002	22.20119	101.5843
17	55.3154	20.87626	2.65	0.008	14.22752	96.40328
18	51.46139	19.55836	2.63	0.009	13.10837	89.8144
19	28.76069	19.43678	1.48	0.139	-9.347233	66.86861
20	20.16054	19.29092	1.05	0.296	-17.6552	57.97628
21	24.02134	19.77958	1.21	0.225	-14.7811	62.82377
22	41.11088	19.79543	2.08	0.038	2.276072	79.94568

```
550 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==1

    m=1 data:
    -> tab leftist if e(N_mi) & year==2 & success==1
```

Social revolutionary episode	Freq.	Percent	Cum.
0	27	71.05	71.05
1	11	28.95	100.00
Total	38	100.00	

```
551 . * Failed social vs. failed urban civic
552 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==0, re

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Random-effects GLS regression                   Number of obs     =        638

    Group variable: revid                           Number of groups  =         58
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0540
                                                    Largest FMI       =     0.2884
    DF adjustment:   Large sample                   DF:     min       =     117.83
                                                            avg       =   6.11e+53
                                                            max       =   2.27e+54
    Model F test:       Equal FMI                   F(  21,65587.4)   =       0.46
    Within VCE type: Conventional                   Prob > F          =     0.9827
```

anninflatwi	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.leftist	22.95846	15.63825	1.47	0.142	-7.691954	53.60887
year						
0	-2.0217	15.58654	-0.13	0.897	-32.57076	28.52736
1	-3.538957	15.58654	-0.23	0.820	-34.08801	27.0101
3	1.440822	15.58654	0.09	0.926	-29.10823	31.98988
4	3.860491	15.58654	0.25	0.804	-26.68856	34.40955
5	9.656262	15.58654	0.62	0.536	-20.89279	40.20532
6	6.780545	15.77513	0.43	0.667	-24.14048	37.70157
7	-1.669606	15.85777	-0.11	0.916	-32.75508	29.41586
8	-.0607098	16.23657	-0.00	0.997	-31.91018	31.78876
9	-.0161985	16.8001	-0.00	0.999	-33.02988	32.99749
10	-2.126449	18.32281	-0.12	0.908	-38.41115	34.15826
leftist#year						
1 0	-17.1935	19.30495	-0.89	0.373	-55.03064	20.64365
1 1	.2710601	19.25626	0.01	0.989	-37.47051	38.01263
1 3	-7.938335	19.25626	-0.41	0.680	-45.67991	29.80324
1 4	-9.548441	19.25626	-0.50	0.620	-47.29001	28.19313
1 5	-14.46028	19.25626	-0.75	0.453	-52.20186	23.28129
1 6	-9.144573	19.40922	-0.47	0.638	-47.18721	28.89806
1 7	-10.29312	19.47645	-0.53	0.597	-48.46886	27.88262
1 8	-17.27116	19.78609	-0.87	0.383	-56.06576	21.52343
1 9	-5.931996	20.25109	-0.29	0.770	-45.67249	33.8085
1 10	-12.64122	21.53111	-0.59	0.558	-55.06997	29.78754
cons	11.7628	12.65803	0.93	0.353	-13.04648	36.57208
sigma_u	27.837286					
sigma_e	49.288182					
rho	.24184039	(fraction of variance due to u_i)				

Note: sigma_u and sigma_e are combined in the original metric.

```
553 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        638
                                                Average RVI       =     0.0540
                                                Largest FMI       =     0.3848
DF adjustment:   Large sample                   DF:     min       =      66.92
                                                        avg       =   2.04e+56
Within VCE type: Delta-method                           max       =   1.17e+57

Expression   : Linear prediction, predict(xb)

1._at        : leftist         =           0
               year            =           0

2._at        : leftist         =           0
               year            =           1

3._at        : leftist         =           0
               year            =           2

4._at        : leftist         =           0
               year            =           3

5._at        : leftist         =           0
               year            =           4

6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8. at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10._at       : leftist         =           0
               year            =           9

11. at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5
```

```
18._at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21._at       : leftist         =           1
               year            =           9

22. at       : leftist         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	9.741099	12.65803	0.77	0.442	-15.06818	34.55038
2	8.223842	12.65803	0.65	0.516	-16.58544	33.03312
3	11.7628	12.65803	0.93	0.353	-13.04648	36.57208
4	13.20362	12.65803	1.04	0.297	-11.60566	38.0129
5	15.62329	12.65803	1.23	0.217	-9.185988	40.43257
6	21.41906	12.65803	1.69	0.091	-3.390217	46.22834
7	18.54334	12.88953	1.44	0.150	-6.72398	43.81067
8	10.09319	12.99055	0.78	0.437	-15.37657	35.56295
9	11.70209	13.45034	0.87	0.385	-14.70653	38.11071
10	11.7466	14.12547	0.83	0.406	-16.08402	39.57722
11	9.63635	15.90632	0.61	0.547	-22.11348	41.38618
12	15.50606	9.284778	1.67	0.095	-2.69293	33.70505
13	31.45336	9.183098	3.43	0.001	13.45482	49.4519
14	34.72126	9.183098	3.78	0.000	16.72272	52.7198
15	28.22375	9.183098	3.07	0.002	10.2252	46.22229
16	29.03331	9.183098	3.16	0.002	11.03477	47.03185
17	29.91724	9.183098	3.26	0.001	11.91869	47.91578
18	32.35723	9.183098	3.52	0.000	14.35869	50.35577
19	22.75853	9.183098	2.48	0.013	4.759986	40.75707
20	17.38938	9.183098	1.89	0.058	-.6091579	35.38793
21	28.77306	9.183098	3.13	0.002	10.77452	46.77161
22	19.95359	9.183098	2.17	0.030	1.955051	37.95214

```
554 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==0

    m=1 data:
    -> tab leftist if e(N_mi) & year==2 & success==0
```

Social revolutionary episode	Freq.	Percent	Cum.
0	20	34.48	34.48
1	38	65.52	100.00
Total	58	100.00	

```
555 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 5.4 percent of observations

556 . drop anninflatwi

557 . * Complete case sample as robustness test
558 . clear

559 . use simplediffindifflong.dta, clear

560 . xtreg anninflat2 i.leftist##ib(2).year if success==1, re

    Random-effects GLS regression                   Number of obs     =         396
    Group variable: revid                           Number of groups  =          41

    R-sq:                                           Obs per group:
         within  = 0.0630                                         min =           3
         between = 0.0952                                         avg =         9.7
         overall = 0.0700                                         max =          11

                                                    Wald chi2(21)     =       26.62
    corr(u_i, X)   = 0 (assumed)                    Prob > chi2       =      0.1839
```

anninflat2	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.leftist	50.12103	23.40316	2.14	0.032	4.251684	95.99038
year						
0	1.389824	15.5289	0.09	0.929	-29.04626	31.82591
1	.4288596	15.5289	0.03	0.978	-30.00723	30.86495
3	9.241529	15.4024	0.60	0.549	-20.94662	39.42968
4	34.7511	15.56313	2.23	0.026	4.247927	65.25428
5	18.65354	15.56313	1.20	0.231	-11.84964	49.15671
6	17.69823	16.13903	1.10	0.273	-13.93368	49.33015
7	17.02011	16.13903	1.05	0.292	-14.6118	48.65202
8	2.514359	16.13903	0.16	0.876	-29.11755	34.14627
9	3.018898	16.55547	0.18	0.855	-29.42923	35.46703
10	12.48132	16.55547	0.75	0.451	-19.96681	44.92946
leftist#year						
1 0	-34.73492	28.86265	-1.20	0.229	-91.30467	21.83483
1 1	-22.83417	28.86265	-0.79	0.429	-79.40392	33.73558
1 3	20.21915	29.38766	0.69	0.491	-37.3796	77.8179

```
       1  4  |  -28.00588   29.47221    -0.95   0.342    -85.77036     29.7586
       1  5  |  -15.91164   29.47221    -0.54   0.589    -73.67612    41.85283
       1  6  |  -20.40623   29.78034    -0.69   0.493    -78.77462    37.96216
       1  7  |   -22.0167   29.34438    -0.75   0.453    -79.53062    35.49722
       1  8  |  -14.38187   29.34438    -0.49   0.624    -71.89579    43.13205
       1  9  |  -40.92187   29.57546    -1.38   0.166    -98.88871    17.04497
       1 10  |    -34.951   29.57546    -1.18   0.237    -92.91784    23.01584
             |
       _cons |   9.004827   12.59254     0.72   0.475    -15.67609    33.68575
-------------+----------------------------------------------------------------
     sigma_u |  32.477648
     sigma_e |  56.498594
         rho |   .2483695   (fraction of variance due to u_i)
------------------------------------------------------------------------------

561 . margins leftist#year

Adjusted predictions                            Number of obs     =        396
Model VCE    : Conventional

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
leftist#year |
       0  0  |   10.39465   12.59254     0.83   0.409    -14.28627    35.07557
       0  1  |   9.433686   12.59254     0.75   0.454    -15.24723    34.11461
       0  2  |   9.004827   12.59254     0.72   0.475    -15.67609    33.68575
       0  3  |   18.24636   12.40426     1.47   0.141    -6.065541    42.55825
       0  4  |   43.75593   12.59994     3.47   0.001     19.06049    68.45136
       0  5  |   27.65836   12.59994     2.20   0.028     2.962925     52.3538
       0  6  |   26.70306    13.2472     2.02   0.044     .7390213     52.6671
       0  7  |   26.02494    13.2472     1.96   0.049     .0608977    51.98897
       0  8  |   11.51919    13.2472     0.87   0.385    -14.44485    37.48322
       0  9  |   12.02373   13.74317     0.87   0.382    -14.91239    38.95984
       0 10  |   21.48615   13.74317     1.56   0.118    -5.449965    48.42226
       1  0  |   25.78076   19.72653     1.31   0.191    -12.88252    64.44404
       1  1  |   36.72055   19.72653     1.86   0.063    -1.942731    75.38383
       1  2  |   59.12586   19.72653     3.00   0.003     20.46258    97.78914
       1  3  |   88.58654   20.57103     4.31   0.000     48.26806     128.905
       1  4  |   65.87108   20.57103     3.20   0.001      25.5526    106.1896
       1  5  |   61.86775   20.57103     3.01   0.003     21.54927    102.1862
       1  6  |   56.41786   20.57103     2.74   0.006     16.09938    96.73635
       1  7  |   54.12927    19.7412     2.74   0.006     15.43723     92.8213
       1  8  |   47.25835    19.7412     2.39   0.017     8.566315    85.95038
       1  9  |   21.22289    19.7412     1.08   0.282    -17.46914    59.91493
       1 10  |   36.65618    19.7412     1.86   0.063    -2.035854    75.34821
------------------------------------------------------------------------------

562 . xtreg anninflat2 i.leftist##ib(2).year if success==0, re

Random-effects GLS regression                   Number of obs     =        628
Group variable: revid                           Number of groups  =         60

R-sq:                                           Obs per group:
     within  = 0.0171                                         min =          2
     between = 0.0156                                         avg =       10.5
     overall = 0.0203                                         max =         11

                                                Wald chi2(21)     =      10.70
corr(u_i, X)   = 0 (assumed)                    Prob > chi2       =     0.9683

------------------------------------------------------------------------------
  anninflat2 |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |   19.19633   15.87545     1.21   0.227    -11.91898    50.31164
             |
        year |
          0  |    -2.0217   15.98607    -0.13   0.899    -33.35383    29.31043
          1  |  -3.538957   15.98607    -0.22   0.825    -34.87108    27.79317
          3  |   1.440822   15.98607     0.09   0.928     -29.8913    32.77295
          4  |   3.860491   15.98607     0.24   0.809    -27.47163    35.19262
          5  |   20.68226   15.81536     1.31   0.191    -10.31528    51.67979
          6  |    11.8254   16.03007     0.74   0.461    -19.59296    43.24376
          7  |   .5990687   16.26169     0.04   0.971    -31.27326     32.4714
          8  |  -3.043978   16.51309    -0.18   0.854    -35.40903    29.32107
          9  |   .9372613    17.0913     0.05   0.956    -32.56106    34.43559
         10  |  -3.226602    17.0913    -0.19   0.850    -36.72493    30.27172
             |
leftist#year |
       1  0  |  -14.93087   19.85127    -0.75   0.452    -53.83866    23.97691
       1  1  |   .2710601   19.74986     0.01   0.989    -38.43795    38.98007
       1  3  |  -7.938335   19.74986    -0.40   0.688    -46.64734    30.77067
       1  4  |  -9.548441   19.74986    -0.48   0.629    -48.25745    29.16057
       1  5  |  -25.48628   19.61193    -1.30   0.194    -63.92496    12.95241
       1  6  |  -14.18943   19.78549    -0.72   0.473    -52.96827    24.58941
       1  7  |   -12.5618   19.97361    -0.63   0.529    -51.70935    26.58575
       1  8  |   -14.2879   20.17881    -0.71   0.479    -53.83764    25.26184
       1  9  |  -7.549727    20.6207    -0.37   0.714    -47.96555     32.8661
       1 10  |  -11.90046    20.6207    -0.58   0.564    -52.31629    28.51536
             |
       _cons |   15.21861   12.83931     1.19   0.236    -9.945978    40.38319
-------------+----------------------------------------------------------------
     sigma_u |  27.413712
     sigma_e |  50.114152
         rho |  .23031733   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
563 . margins leftist#year

Adjusted predictions                            Number of obs     =        628
Model VCE    : Conventional

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
leftist#year |
       0  0  |   13.19691   12.83931     1.03   0.304    -11.96768    38.36149
       0  1  |   11.67965   12.83931     0.91   0.363    -13.48494    36.84424
       0  2  |   15.21861   12.83931     1.19   0.236    -9.945978    40.38319
       0  3  |   16.65943   12.83931     1.30   0.194    -8.505156    41.82402
       0  4  |    19.0791   12.83931     1.49   0.137    -6.085487    44.24368
       0  5  |   35.90086   12.57408     2.86   0.004     11.25612    60.54561
       0  6  |   27.04401   12.83919     2.11   0.035     1.879657    52.20836
       0  7  |   15.81768   13.12342     1.21   0.228    -9.903761    41.53911
       0  8  |   12.17463    13.4299     0.91   0.365    -14.14749    38.49675
       0  9  |   16.15587   14.12697     1.14   0.253    -11.53249    43.84423
       0 10  |   11.99201   14.12697     0.85   0.396    -15.69635    39.68036
       1  0  |   17.46236   9.549776     1.83   0.067    -1.254854    36.17958
       1  1  |   31.14704   9.337131     3.34   0.001      12.8466    49.44748
       1  2  |   34.41494   9.337131     3.69   0.000      16.1145    52.71538
       1  3  |   27.91742   9.337131     2.99   0.003     9.616984    46.21787
       1  4  |   28.72699   9.337131     3.08   0.002     10.42655    47.02743
       1  5  |   29.61092   9.337131     3.17   0.002     11.31048    47.91136
       1  6  |   32.05091   9.337131     3.43   0.001     13.75047    50.35135
       1  7  |   22.45221   9.337131     2.40   0.016     4.151766    40.75265
       1  8  |   17.08306   9.337131     1.83   0.067    -1.217377     35.3835
       1  9  |   27.80247   9.226853     3.01   0.003     9.718172    45.88677
       1 10  |   19.28787   9.226853     2.09   0.037      1.20357    37.37217
------------------------------------------------------------------------------

564 .
565 . * Comparison of successful urban civic with matched counterparts
566 . * Multiple imputation
567 . clear

568 . use matcheddiffindifflong.dta, clear

569 . * Must alter variable name due to reshaping of data
570 . generate anninflatwi = anninflat2
    (434 missing values generated)

571 . global yvar = "anninflatwi"

572 . quietly: chp9matchmultimp

573 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        858

    Group variable: diffid                          Number of groups  =         78
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.3930
                                                    Largest FMI       =     0.2059
                                                    Complete DF       =         24
    DF adjustment:   Small sample                   DF:     min       =      17.01
                                                            avg       =      21.50
                                                            max       =      22.22
    Model F test:       Equal FMI                   F(  20,   20.2)   =       1.10
    Within VCE type:        Robust                  Prob > F          =     0.4183

                                  (Within VCE adjusted for 25 clusters in revid)
------------------------------------------------------------------------------
 anninflatwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   -10.4598   9.218697    -1.13   0.269    -29.56713    8.647532
          1  |   -10.0762   8.675663    -1.16   0.258      -28.058    7.905595
          3  |   6.962128   7.477237     0.93   0.362    -8.535725    22.45998
          4  |   2.002628   11.42523     0.18   0.862    -21.67811    25.68337
          5  |   1.080547   11.43139     0.09   0.926    -22.61297    24.77407
          6  |   7.736038   13.64077     0.57   0.576    -20.54925    36.02133
          7  |   6.128853   13.67276     0.45   0.658     -22.2226    34.48031
          8  |    5.50314   15.03802     0.37   0.718    -25.70035    36.70663
          9  |   3.770692   14.44415     0.26   0.797    -26.23274    33.77412
         10  |  -6.901566   12.70002    -0.54   0.593    -33.30431    19.50118
             |
  revny#year |
       1  0  |   11.92603   8.491862     1.40   0.174    -5.674806    29.52687
       1  1  |   10.40411   8.199553     1.27   0.218     -6.59087    27.39909
       1  3  |   .5572629   9.354058     0.06   0.953    -18.83063    19.94515
       1  4  |   26.40371   18.92022     1.40   0.177    -12.82711    65.63452
       1  5  |   14.22887   14.31268     0.99   0.331    -15.44924    43.90697
       1  6  |   9.911349   15.51282     0.64   0.530    -22.29756    42.12026
       1  7  |   11.74295   15.85936     0.74   0.467    -21.21286    44.69875
       1  8  |   -1.62053   14.76438    -0.11   0.914    -32.38207    29.14101
```

```
       1  9  |   4.288396   15.97603     0.27   0.792    -29.41714    37.99393
       1 10  |   19.43254   19.48463     1.00   0.331    -21.37651     60.2416
             |
       _cons |   15.89543   5.937777     2.68   0.014     3.588371    28.20249
-------------+----------------------------------------------------------------
     sigma_u |  34.323804
     sigma_e |  38.594163
         rho |  .44163629   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

574 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        858
                                                Average RVI       =    13.0349
                                                Largest FMI       =     0.4511
                                                Complete DF       =         24
DF adjustment:   Small sample                   DF:     min       =      10.66
                                                        avg       =      20.81
Within VCE type: Delta-method                           max       =      22.22

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

```
------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   5.435635   6.617871     0.82   0.420    -8.281036    19.15231
          2  |   5.819228   5.844901     1.00   0.330     -6.29533    17.93379
          3  |   15.89543   5.937777     2.68   0.014     3.588371    28.20249
          4  |   22.85756   4.005473     5.71   0.000     14.55553    31.15959
          5  |   17.89806   6.713459     2.67   0.014     3.983265    31.81285
          6  |   16.97598   6.294676     2.70   0.013     3.929184    30.02277
          7  |   23.63147   8.627817     2.74   0.012     5.728388    41.53455
          8  |   22.02429   8.648994     2.55   0.018     4.077531    39.97104
          9  |   21.39857   10.77923     1.99   0.060    -.9943471    43.79149
         10  |   19.66612   10.38276     1.89   0.072    -1.954474    41.28672
         11  |   8.993866   9.581949     0.94   0.359    -10.98371    28.97144
         12  |   17.36167    5.50632     3.15   0.005     5.948876    28.77446
         13  |   16.22334   5.605478     2.89   0.008     4.605022    27.84165
         14  |   15.89543   5.937777     2.68   0.014     3.588371    28.20249
         15  |   23.41482   7.211092     3.25   0.004      8.4686     38.36105
         16  |   44.30176    14.0779     3.15   0.005     15.10181    73.50172
         17  |   31.20484   9.492261     3.29   0.003     11.51086    50.89883
         18  |   33.54282   9.374663     3.58   0.002     14.04707    53.03857
         19  |   33.76723   9.427721     3.58   0.002     14.13962    53.39485
         20  |   19.77804   5.819526     3.40   0.003      7.51018     32.0459
         21  |   23.95452   7.989064     3.00   0.013     6.302924    41.60611
         22  |   28.42641   12.54464     2.27   0.037     1.920123    54.93269
------------------------------------------------------------------------------
```

```
575 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 25 revolutions and 53 matched cases

576 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 6.9 percent of observations

577 . drop anninflatwi

578 . * Complete case sample as robustness check
579 . use matcheddiffindifflong.dta, clear

580 . xtreg anninflat2 i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       846
Group variable: diffid                          Number of groups   =        84

R-sq:  within  = 0.0473                         Obs per group: min =         4
       between = 0.0007                                        avg =      10.1
       overall = 0.0131                                        max =        11

                                                F(20,25)           =      2.34
corr(u_i, Xb)  = -0.0902                        Prob > F           =    0.0225

                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  anninflat2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   -10.4624   9.143425    -1.14   0.263    -29.29363     8.36884
          1  |  -10.03586   8.615149    -1.16   0.255    -27.77909    7.707373
          3  |   6.706168   7.425296     0.90   0.375    -8.586515    21.99885
          4  |   1.785249    11.3388     0.16   0.876    -21.56744    25.13794
          5  |   .3394449    11.2114     0.03   0.976    -22.75087    23.42976
          6  |   7.303666   13.86384     0.53   0.603    -21.24945    35.85678
          7  |   6.397787   13.97839     0.46   0.651    -22.39125    35.18682
          8  |    2.74279   15.28334     0.18   0.859    -28.73385    34.21943
          9  |   .5585319   14.48535     0.04   0.970     -29.2746    30.39166
         10  |  -12.80891   12.74629    -1.00   0.325    -39.06039    13.44257
             |
  revny#year |
        1  0 |   11.92863   8.433493     1.41   0.170    -5.440472    29.29774
        1  1 |   10.36376   8.133272     1.27   0.214    -6.387025    27.11455
        1  3 |   .8132227   9.297934     0.09   0.931    -18.33623    19.96268
        1  4 |   27.35194   18.99183     1.44   0.162    -11.76247    66.46635
        1  5 |   15.51341   14.12346     1.10   0.282    -13.57439    44.60121
        1  6 |   9.613855   16.26694     0.59   0.560    -23.88854    43.11625
        1  7 |   13.76097   16.34988     0.84   0.408    -19.91225    47.43418
        1  8 |   .6353355   14.80414     0.04   0.966    -29.85437    31.12504
        1  9 |   2.658149    15.2458     0.17   0.863    -28.74115    34.05745
        1 10 |   24.06042   21.05203     1.14   0.264    -19.29704    67.41789
             |
       _cons |   16.96721    5.97822     2.84   0.009     4.654838    29.27959
-------------+----------------------------------------------------------------
     sigma_u |  33.183631
     sigma_e |  38.690639
         rho |  .42382715   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
581 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        846
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   6.504815   6.454369     1.01   0.314    -6.145515    19.15515
       0  1  |   6.931353   5.674027     1.22   0.222    -4.189534    18.05224
       0  2  |   16.96721    5.97822     2.84   0.005     5.250117    28.68431
       0  3  |   23.67338   3.968529     5.97   0.000     15.89521    31.45155
       0  4  |   18.75246   6.516649     2.88   0.004     5.980064    31.52486
       0  5  |   17.30666   5.989958     2.89   0.004     5.566555    29.04676
       0  6  |   24.27088   8.778074     2.76   0.006      7.06617    41.47559
       0  7  |     23.365   8.865669     2.64   0.008     5.988607    40.74139
       0  8  |      19.71   10.95822     1.80   0.072    -1.767722    41.18773
       0  9  |   17.52574    10.2696     1.71   0.088    -2.602296    37.65378
       0 10  |    4.1583   9.552546     0.44   0.663    -14.56435    22.88095
       1  0  |   18.43345   5.569696     3.31   0.001     7.517044    29.34985
       1  1  |   17.29512    5.62362     3.08   0.002     6.273024    28.31721
       1  2  |   16.96721    5.97822     2.84   0.005     5.250117    28.68431
       1  3  |    24.4866   7.225127     3.39   0.001     10.32561    38.64759
       1  4  |    46.1044    14.3434     3.21   0.001     17.99185    74.21695
       1  5  |   32.82007   9.633842     3.41   0.001     13.93809    51.70205
       1  6  |   33.88473   10.09565     3.36   0.001     14.09762    53.67184
       1  7  |   37.12596   9.960559     3.73   0.000     17.60363     56.6483
       1  8  |   20.34534   5.440051     3.74   0.000     9.683033    31.00764
       1  9  |   20.18389    7.03749     2.87   0.004     6.390666    33.97712
       1 10  |   28.21872    13.7928     2.05   0.041     1.185337    55.25211
------------------------------------------------------------------------------

582 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
    Regression contained 26 revolutions and 58 matched cases

583 .
584 .
585 . *=========================================
586 . * EFFECT OF REVOLUTION ON GOVERNMENT DEBT
587 . *=========================================
588 . * Impact of revolutionary successs/failure on government debt
589 . * Multiple imputation
590 . clear

591 . use fullsamplediffindifflong.dta, clear

592 . * Must alter variable name due to reshaping of data
593 . global yvar = "debttogdp"

594 . quietly: chp9fullmultimp

595 . * Successful vs. failed
596 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year, fe

    Imputations (20):
      .........10.........20 done

    Multiple-imputation estimates                   Imputations       =         20
    Fixed-effects (within) regression               Number of obs     =      1,177

    Group variable: revid                           Number of groups  =        107
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0886
                                                    Largest FMI       =     0.1488
                                                    Complete DF       =       1050
    DF adjustment:   Small sample                   DF:     min       =     444.58
                                                            avg       =     872.59
                                                            max       =   1,035.57
    Model F test:       Equal FMI                   F(  20, 1031.9)   =       2.75
    Within VCE type: Conventional                   Prob > F          =     0.0001

------------------------------------------------------------------------------
   debttogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   .3941819   3.829519     0.10   0.918    -7.120337    7.908701
          1  |  -.5716846   3.834593    -0.15   0.882     -8.09621     6.95284
          3  |   3.144985   3.832973     0.82   0.412    -4.376344    10.66631
          4  |   2.781882   3.827693     0.73   0.468    -4.729037     10.2928
          5  |    .941884   3.831233     0.25   0.806    -6.576013    8.459781
          6  |   2.087471   3.890334     0.54   0.592    -5.547403    9.722344
          7  |  -.5797105    3.97883    -0.15   0.884     -8.39126    7.231839
          8  |  -2.672614   3.906964    -0.68   0.494    -10.34055    4.995325
          9  |  -1.199041   4.001863    -0.30   0.765    -9.056849    6.658767
         10  |   .6405652   4.063451     0.16   0.875    -7.341444    8.622575
             |
success#year |
       1  0  |  -2.011855   5.670049    -0.35   0.723    -13.13809    9.114376
       1  1  |   1.043371   5.672356     0.18   0.854    -10.08741    12.17416
       1  3  |   9.616937   5.673421     1.70   0.090     -1.51595    20.74982
       1  4  |   13.69817   5.702201     2.40   0.016     2.508406    24.88794
       1  5  |   16.78422   5.751283     2.92   0.004     5.497132    28.07131
```

```
       1  6  |   12.48384   5.773378     2.16   0.031     1.152816    23.81487
       1  7  |   13.55348   5.919327     2.29   0.022     1.930395    25.17657
       1  8  |   12.89087    5.81555     2.22   0.027      1.47577    24.30596
       1  9  |   8.537864   6.097678     1.40   0.162     -3.44599    20.52172
       1 10  |   4.958838   5.960629     0.83   0.406    -6.747441    16.66512
             |
       _cons |   47.46419   1.997009    23.77   0.000     43.54551    51.38288
-------------+----------------------------------------------------------------
     sigma_u |  34.429104
     sigma_e |  20.526473
         rho |  .73776294   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

597 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         20
Adjusted predictions                            Number of obs     =      1,177
                                                Average RVI       =     0.0886
                                                Largest FMI       =     0.2171
                                                Complete DF       =       1050
DF adjustment:   Small sample                   DF:     min       =     277.81
                                                        avg       =     822.72
Within VCE type: Delta-method                           max       =   1,035.12

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7. at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10. at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21. at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

```
------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   47.85837   3.268457    14.64   0.000     41.44482    54.27193
          2  |   46.89251   3.272966    14.33   0.000     40.47006    53.31495
          3  |   47.46419   1.997009    23.77   0.000     43.54551    51.38288
          4  |   50.60918   3.277393    15.44   0.000     44.17799    57.04036
          5  |   50.24607    3.26854    15.37   0.000     43.83235    56.65979
          6  |   48.40608   3.273816    14.79   0.000     41.98195     54.8302
          7  |   49.55166   3.330603    14.88   0.000     43.01505    56.08828
          8  |   46.88448   3.432773    13.66   0.000     40.14332    53.62564
          9  |   44.79158   3.362272    13.32   0.000     38.19184    51.39131
         10  |   46.26515   3.465912    13.35   0.000     39.45711    53.07319
         11  |   48.10476   3.507997    13.71   0.000     41.21145    54.99807
         12  |   45.84652   3.668776    12.50   0.000     38.64731    53.04573
         13  |   47.93588   3.666093    13.08   0.000     40.74197    55.12979
         14  |   47.46419   1.997009    23.77   0.000     43.54551    51.38288
         15  |   60.22611    3.69069    16.32   0.000     52.98358    67.46865
         16  |   63.94425   3.728694    17.15   0.000     56.62629     71.2622
         17  |    65.1903   3.777895    17.26   0.000     57.77417    72.60642
         18  |    62.0355   3.793584    16.35   0.000     54.58796    69.48305
         19  |   60.43797   3.800547    15.90   0.000     52.97646    67.89947
         20  |   57.68245      3.792    15.21   0.000     50.23807    65.12682
         21  |   54.80302    4.10489    13.35   0.000     46.72238    62.88366
         22  |    53.0636   4.009922    13.23   0.000     45.17782    60.94937
------------------------------------------------------------------------------

598 . mi xeq 1: tab success if e(N_mi) & year==2

    m=1 data:
    -> tab success if e(N_mi) & year==2

     Opposition |
        success |
        (binary |
        outcome |
      variable) |      Freq.     Percent        Cum.
    ------------+-----------------------------------
              0 |         58       54.21       54.21
              1 |         49       45.79      100.00
    ------------+-----------------------------------
          Total |        107      100.00

599 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 10.4 percent of observations

600 . * Complete case sample as robustness check
601 . clear

602 . use fullsamplediffindifflong.dta, clear

603 . xtreg $yvar i.success##ib(2).year, fe
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =      1,227
    Group variable: revid                           Number of groups  =        143

    R-sq:                                           Obs per group:
         within  = 0.0621                                         min =          1
         between = 0.0034                                         avg =        8.6
         overall = 0.0286                                         max =         11

                                                    F(20,1064)        =       3.52
    corr(u_i, Xb)  = 0.0379                         Prob > F          =     0.0000

    ------------------------------------------------------------------------------
       debttogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.success |          0  (omitted)
                 |
            year |
              0  |   .0450228   4.798309     0.01   0.993    -9.370199    9.460245
              1  |  -.8919403    4.82274    -0.18   0.853     -10.3551    8.571222
              3  |    3.60286   4.656433     0.77   0.439    -5.533975    12.73969
              4  |   .0164464   4.663294     0.00   0.997    -9.133851    9.166744
              5  |   .9152618   4.694264     0.19   0.845    -8.295805    10.12633
              6  |   2.055883   4.758243     0.43   0.666    -7.280724    11.39249
              7  |  -1.039915   4.759388    -0.22   0.827    -10.37877    8.298938
              8  |  -2.341255   4.710505    -0.50   0.619    -11.58419    6.901678
              9  |  -2.283991   4.721007    -0.48   0.629    -11.54753     6.97955
             10  |  -2.877226   4.799431    -0.60   0.549    -12.29465    6.540199
                 |
    success#year |
           1  0  |  -1.979037   7.108695    -0.28   0.781    -15.92769    11.96962
           1  1  |   1.182625   7.107324     0.17   0.868    -12.76334    15.12859
           1  3  |   16.56574   6.942551     2.39   0.017     2.943097    30.18839
           1  4  |   20.01755   6.941345     2.88   0.004     6.397266    33.63783
           1  5  |   17.55206   6.973474     2.52   0.012     3.868735    31.23538
           1  6  |   14.96741     6.9992     2.14   0.033     1.233612    28.70122
           1  7  |   12.10068   7.085772     1.71   0.088    -1.802992    26.00436
           1  8  |   8.031496   7.097946     1.13   0.258    -5.896066    21.95906
           1  9  |   2.450024   7.110231     0.34   0.730    -11.50164    16.40169
           1 10  |   1.400291   7.110075     0.20   0.844    -12.55107    15.35165
                 |
            cons |    52.1647   2.541956    20.52   0.000     47.17688    57.15251
    -------------+----------------------------------------------------------------
         sigma_u |  66.807553
         sigma_e |  25.214712
             rho |  .87531322   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
```

```
    F test that all u_i=0: F(142, 1064) = 32.50                 Prob > F = 0.0000

604 . margins success#year, noestimcheck

    Adjusted predictions                            Number of obs     =      1,227
    Model VCE    : Conventional

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    success#year |
           0  0  |   52.20972   4.085497    12.78   0.000      44.2023    60.21715
           0  1  |   51.27276   4.113506    12.46   0.000     43.21044    59.33508
           0  2  |    52.1647   2.541956    20.52   0.000     47.18256    57.14684
           0  3  |   55.76756   3.896123    14.31   0.000      48.1313    63.40382
           0  4  |   52.18114   3.900373    13.38   0.000     44.53655    59.82574
           0  5  |   53.07996   3.933312    13.49   0.000     45.37081    60.78911
           0  6  |   54.22058   3.993952    13.58   0.000     46.39258    62.04858
           0  7  |   51.12478   3.994229    12.80   0.000     43.29624    58.95333
           0  8  |   49.82344   3.927089    12.69   0.000     42.12649     57.5204
           0  9  |   49.88071   3.938105    12.67   0.000     42.16216    57.59925
           0 10  |   49.28747   4.024239    12.25   0.000     41.40011    57.17484
           1  0  |   50.23068   4.634524    10.84   0.000     41.14718    59.31418
           1  1  |   52.45538   4.603859    11.39   0.000     43.43199    61.47878
           1  2  |    52.1647   2.541956    20.52   0.000     47.18256    57.14684
           1  3  |    72.3333   4.513745    16.03   0.000     63.48652    81.18008
           1  4  |   72.19869   4.494356    16.06   0.000     63.38992    81.00747
           1  5  |   70.63202   4.502531    15.69   0.000     61.80722    79.45682
           1  6  |     69.188   4.465063    15.50   0.000     60.43663    77.93936
           1  7  |   63.22547    4.59156    13.77   0.000     54.22617    72.22476
           1  8  |   57.85494   4.656129    12.43   0.000     48.72909    66.98078
           1  9  |   52.33073   4.658206    11.23   0.000     43.20082    61.46065
           1 10  |   50.68776     4.5689    11.09   0.000     41.73288    59.64264
    ------------------------------------------------------------------------------

605 .
606 . * Impact of social and urban civic revolutions on government debt
607 . * Multiple imputation
608 . clear

609 . use simplediffindifflong.dta, clear

610 . global yvar = "debttogdp"

611 . quietly: chp9simpmultimp

612 . * Successful social vs. successful urban civic
613 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

    Imputations (20):
      .........10.........20 done

    Multiple-imputation estimates                   Imputations       =         20
    Fixed-effects (within) regression               Number of obs     =        286

    Group variable: revid                           Number of groups  =         26
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.3093
                                                    Largest FMI       =     0.2713
                                                    Complete DF       =         25
                                                    DF:     min       =      16.57
                                                            avg       =      21.68
    DF adjustment:   Small sample                   max       =      23.20
                                                    F(  14,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 26 clusters in revid)
    ------------------------------------------------------------------------------
       debttogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |   1.496789   2.589822     0.58   0.569    -3.882918    6.876495
              1  |   1.039906   1.822411     0.57   0.574    -2.748173    4.827985
              3  |   6.510816   3.312857     1.97   0.062    -.3486193    13.37025
              4  |   8.042179   4.403425     1.83   0.081    -1.069524    17.15388
              5  |   6.668048   4.579393     1.46   0.159    -2.816271    16.15237
              6  |    8.02627   6.090484     1.32   0.201    -4.608002    20.66054
              7  |   3.251363   6.041768     0.54   0.596    -9.338588    15.84131
              8  |   3.102529    6.01862     0.52   0.612    -9.540851    15.74591
              9  |   1.618009   6.780593     0.24   0.814    -12.71614    15.95216
             10  |  -.1098342   5.875428    -0.02   0.985    -12.45229    12.23262
                 |
    leftist#year |
           1  0  |  -2.204287   2.929197    -0.75   0.460    -8.282057    3.873483
           1  1  |  -1.714906   2.095997    -0.82   0.422    -6.065317    2.635506
           1  3  |   12.34785   13.16382     0.94   0.358     -14.9605    39.65621
           1  4  |   22.22782   19.66012     1.13   0.270    -18.42303    62.87867
           1  5  |   25.04695   19.35167     1.29   0.208    -14.96814    65.06204
           1  6  |   27.13623   21.33698     1.27   0.216     -16.9908    71.26326
           1  7  |   43.44864   32.49625     1.34   0.194    -23.75509    110.6524
           1  8  |   32.70247   31.28265     1.05   0.307    -32.00354    97.40848
           1  9  |   40.75199   35.73748     1.14   0.266    -33.17551    114.6795
           1 10  |   36.92234   21.28888     1.73   0.096    -7.131528     80.9762
```

```
             |
       _cons |   51.17431   3.586412    14.27   0.000     43.75272     58.5959
-------------+----------------------------------------------------------------
     sigma_u |  36.954134
     sigma_e |  18.316954
         rho |  .80277051   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

614 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         20
Adjusted predictions                            Number of obs     =        286
                                                Average RVI       =     3.9056
                                                Largest FMI       =     0.3413
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      14.79
                                                        avg       =      21.81
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : leftist         =           0
               year            =           0

2._at        : leftist         =           0
               year            =           1

3._at        : leftist         =           0
               year            =           2

4._at        : leftist         =           0
               year            =           3

5._at        : leftist         =           0
               year            =           4

6. at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8._at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10._at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17. at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20. at       : leftist         =           1
               year            =           8

21._at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |    52.6711   4.790257    11.00   0.000     42.76337    62.57883
          2  |   52.21422   4.165046    12.54   0.000     43.60239    60.82605
          3  |   51.17431   3.586412    14.27   0.000     43.75272     58.5959
          4  |   57.68513   3.340984    17.27   0.000     50.77708    64.59317
          5  |   59.21649   3.808902    15.55   0.000     51.34101    67.09197
          6  |   57.84236   3.867271    14.96   0.000     49.83816    65.84656
          7  |   59.20058   5.108976    11.59   0.000     48.60001    69.80115
          8  |   54.42567   4.803468    11.33   0.000     44.37865     64.4727
          9  |   54.27684   4.862157    11.16   0.000      43.9731    64.58058
```

```
          10  |   52.79232   5.787692     9.12   0.000      40.4412    65.14343
          11  |   51.06448   5.279133     9.67   0.000     39.93357    62.19538
          12  |   50.46681   4.562859    11.06   0.000     41.02773    59.90589
          13  |   50.49931   4.301849    11.74   0.000     41.59958    59.39904
          14  |   51.17431   3.586412    14.27   0.000     43.75272     58.5959
          15  |   70.03298   10.72729     6.53   0.000     47.73829    92.32766
          16  |   81.44431   16.80726     4.85   0.000      46.6923    116.1963
          17  |   82.88931   16.51336     5.02   0.000     48.74493    117.0337
          18  |   86.33681    18.1024     4.77   0.000     48.90704    123.7666
          19  |   97.87431   29.47936     3.32   0.003     36.92201    158.8266
          20  |   86.97931   28.31266     3.07   0.005     28.43924    145.5194
          21  |   93.54431   32.68587     2.86   0.009     25.96228    161.1263
          22  |   87.98681   18.12901     4.85   0.000     50.50204    125.4716
------------------------------------------------------------------------------

615 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==1

m=1 data:
-> tab leftist if e(N_mi) & year==2 & success==1

     Social |
revolutiona |
 ry episode |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         22       84.62       84.62
          1 |          4       15.38      100.00
------------+-----------------------------------
      Total |         26      100.00

616 . * Failed social vs. failed urban civic
617 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==0, fe vce(robust)

Imputations (20):
  .........10.........20 done

Multiple-imputation estimates                   Imputations       =         20
Fixed-effects (within) regression               Number of obs     =        462

Group variable: revid                           Number of groups  =         42
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.3491
                                                Largest FMI       =     0.1506
                                                Complete DF       =         41
DF adjustment:   Small sample                   DF:     min       =      32.49
                                                        avg       =      36.69
                                                        max       =      39.14
Model F test:       Equal FMI                   F(  20,   37.3)   =       1.07
Within VCE type:        Robust                  Prob > F          =     0.4197

                                (Within VCE adjusted for 42 clusters in revid)
------------------------------------------------------------------------------
   debttogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |   1.808421    2.47789     0.73   0.470    -3.203027    6.819869
          1  |       1.06   1.589433     0.67   0.509    -2.154573    4.274573
          3  |   .0252634   2.345204     0.01   0.991    -4.717832    4.768359
          4  |   1.433158   3.683046     0.39   0.699    -6.015675    8.881991
          5  |    1.77195   3.687982     0.48   0.634     -5.69041    9.234311
          6  |   4.392555   4.807108     0.91   0.367    -5.346574    14.13168
          7  |  -1.135209   5.162376    -0.22   0.827    -11.61101    9.340594
          8  |   1.246801   5.250275     0.24   0.814     -9.40782    11.90142
          9  |   1.904693   6.235904     0.31   0.762    -10.77883    14.58821
         10  |   3.606194   6.584419     0.55   0.588    -9.797925    17.01031
             |
leftist#year |
       1  0  |  -1.875975   3.059893    -0.61   0.544    -8.082123    4.330173
       1  1  |  -.6284184   2.224015    -0.28   0.779    -5.144532    3.887695
       1  3  |   6.744211   4.130213     1.63   0.111    -1.611421    15.09984
       1  4  |   2.862668   5.186897     0.55   0.584    -7.633831    13.35917
       1  5  |    .542644    5.04236     0.11   0.915    -9.667043    10.75233
       1  6  |  -2.321316   6.051407    -0.38   0.704    -14.60541     9.96278
       1  7  |   2.467961   6.292849     0.39   0.697    -10.30425    15.24017
       1  8  |   1.006914   6.771972     0.15   0.883    -12.71993    14.73375
       1  9  |   .9734936   8.030394     0.12   0.904    -15.32069    17.26767
       1 10  |  -1.513742   8.296718    -0.18   0.856    -18.35622    15.32873
             |
       _cons |   36.73338   1.900031    19.33   0.000     32.88904    40.57772
-------------+----------------------------------------------------------------
     sigma_u |  25.117456
     sigma_e |  12.480871
         rho |  .80198258   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.
```

```
618 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         20
    Adjusted predictions                            Number of obs     =        462
                                                    Average RVI       =     2.3267
                                                    Largest FMI       =     0.1954
                                                    Complete DF       =         41
    DF adjustment:   Small sample                   DF:     min       =      30.28
                                                            avg       =      36.50
    Within VCE type: Delta-method                           max       =      38.99

    Expression   : Linear prediction, predict(xb)

    1._at        : leftist         =           0
                   year            =           0

    2._at        : leftist         =           0
                   year            =           1

    3._at        : leftist         =           0
                   year            =           2

    4._at        : leftist         =           0
                   year            =           3

    5._at        : leftist         =           0
                   year            =           4

    6._at        : leftist         =           0
                   year            =           5

    7._at        : leftist         =           0
                   year            =           6

    8._at        : leftist         =           0
                   year            =           7

    9. at        : leftist         =           0
                   year            =           8

    10._at       : leftist         =           0
                   year            =           9

    11._at       : leftist         =           0
                   year            =          10

    12._at       : leftist         =           1
                   year            =           0

    13._at       : leftist         =           1
                   year            =           1

    14._at       : leftist         =           1
                   year            =           2

    15._at       : leftist         =           1
                   year            =           3

    16._at       : leftist         =           1
                   year            =           4

    17._at       : leftist         =           1
                   year            =           5

    18._at       : leftist         =           1
                   year            =           6

    19._at       : leftist         =           1
                   year            =           7

    20. at       : leftist         =           1
                   year            =           8

    21._at       : leftist         =           1
                   year            =           9

    22._at       : leftist         =           1
                   year            =          10

    ------------------------------------------------------------------------------
                 |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
             _at |
              1  |    38.5418   3.145985    12.25   0.000     32.17822    44.90539
              2  |   37.79338    2.57574    14.67   0.000     32.58288    43.00388
              3  |   36.73338   1.900031    19.33   0.000     32.88904    40.57772
              4  |   36.75865   2.189386    16.79   0.000     32.32932    41.18797
              5  |   38.16654   3.063095    12.46   0.000     31.97057    44.36251
              6  |   38.50533   2.913119    13.22   0.000     32.60923    44.40144
              7  |   41.12594   3.964328    10.37   0.000     33.08929    49.16259
              8  |   35.59817   4.220014     8.44   0.000     27.01546    44.18089
              9  |   37.98018    4.30581     8.82   0.000     29.22321    46.73716
             10  |   38.63808   5.333169     7.24   0.000     27.75895    49.51721
             11  |   40.33958   5.662854     7.12   0.000      28.7789    51.90025
             12  |   36.66583   2.600414    14.10   0.000     31.39132    41.94033
             13  |   37.16496   2.437514    15.25   0.000     32.22626    42.10367
             14  |   36.73338   1.900031    19.33   0.000     32.88904    40.57772
             15  |   43.50286   2.894977    15.03   0.000     37.64717    49.35854
             16  |   41.02921   2.937916    13.97   0.000     35.07712     46.9813
             17  |   39.04798   2.758912    14.15   0.000     33.45246    44.64349
             18  |   38.80462   2.725665    14.24   0.000     33.25834    44.35091
```

```
         19  |   38.06613   2.724477    13.97   0.000     32.52866    43.60361
         20  |    38.9871   3.280958    11.88   0.000      32.3476     45.6266
         21  |   39.61157   4.155416     9.53   0.000     31.20635    48.01679
         22  |   38.82584   4.200783     9.24   0.000     30.32629    47.32538
------------------------------------------------------------------------------

619 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==0

m=1 data:
-> tab leftist if e(N_mi) & year==2 & success==0

     Social |
revolutiona |
 ry episode |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         19       45.24       45.24
          1 |         23       54.76      100.00
------------+-----------------------------------
      Total |         42      100.00

620 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 10.4 percent of observations

621 . * Complete case sample as robustness check
622 . clear

623 . use simplediffindifflong.dta, clear

624 . xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)
note: 1.leftist omitted because of collinearity

Fixed-effects (within) regression               Number of obs     =        299
Group variable: revid                           Number of groups  =         33

R-sq:                                           Obs per group:
     within  = 0.1712                                         min =          1
     between = 0.0402                                         avg =        9.1
     overall = 0.0017                                         max =         11

                                                F(15,32)          =          .
corr(u_i, Xb)  = -0.2797                        Prob > F          =          .

                                  (Std. Err. adjusted for 33 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   debttogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |   2.632422   3.087672     0.85   0.400    -3.656961    8.921805
          1  |   2.395019   2.125454     1.13   0.268    -1.934389    6.724428
          3  |    13.8053   6.863599     2.01   0.053    -.1753967    27.78599
          4  |   9.692021   4.329137     2.24   0.032     .8738584    18.51018
          5  |   6.545753   4.452457     1.47   0.151    -2.523606    15.61511
          6  |    12.2287   7.646877     1.60   0.120    -3.347478    27.80488
          7  |   1.031905   5.765822     0.18   0.859    -10.71269     12.7765
          8  |  -4.332356   6.493659    -0.67   0.509    -17.55951    8.894794
          9  |  -4.895856   5.961589    -0.82   0.418    -17.03922    7.247503
         10  |  -7.344358    6.53563    -1.12   0.269      -20.657    5.968284
             |
leftist#year |
       1  0  |  -3.33992   3.374149    -0.99   0.330    -10.21284    3.532996
       1  1  | -3.070019   2.361582    -1.30   0.203    -7.880405    1.740367
       1  3  |  4.369963   17.19832     0.25   0.801    -30.66186    39.40179
       1  4  |  19.84202   20.80653     0.95   0.347    -22.53951    62.22354
       1  5  |  23.25662   20.51959     1.13   0.265    -18.54042    65.05365
       1  6  |    24.107   22.56319     1.07   0.293    -21.85272    70.06672
       1  7  |   43.2038   29.46421     1.47   0.152    -16.81284    103.2204
       1  8  |  43.33473   28.73566     1.51   0.141     -15.1979    101.8674
       1  9  |  45.15656   31.46472     1.44   0.161    -18.93498    109.2481
       1 10  |  43.96506   22.19915     1.98   0.056    -1.253124    89.18325
             |
       _cons |   50.1105   4.345028    11.53   0.000     41.25997    58.96103
-------------+----------------------------------------------------------------
     sigma_u |  43.088862
     sigma_e |   21.60606
         rho |  .79908436   (fraction of variance due to u_i)
------------------------------------------------------------------------------

625 . margins leftist#year, noestimcheck

Adjusted predictions                            Number of obs     =        299
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
leftist#year |
       0  0  |   52.74292   5.614881     9.39   0.000     41.73796    63.74789
       0  1  |   52.50552   4.913434    10.69   0.000     42.87537    62.13568
       0  2  |    50.1105   4.345028    11.53   0.000      41.5944     58.6266
       0  3  |    63.9158   7.568469     8.45   0.000     49.08187    78.74973
       0  4  |   59.80252   4.682183    12.77   0.000     50.62561    68.97943
       0  5  |   56.65626   4.645671    12.20   0.000     47.55091    65.7616
       0  6  |    62.3392   7.554629     8.25   0.000      47.5324     77.146
       0  7  |   51.14241   5.352834     9.55   0.000     40.65105    61.63377
       0  8  |   45.77815   6.124057     7.48   0.000     33.77522    57.78108
```

```
       0  9  |   45.21465   5.821338     7.77   0.000     33.80503    56.62426
       0 10  |   42.76614   6.600744     6.48   0.000     29.82892    55.70337
       1  0  |     49.403   5.426683     9.10   0.000      38.7669    60.03911
       1  1  |    49.4355   5.140749     9.62   0.000     39.35982    59.51119
       1  2  |    50.1105   4.345028    11.53   0.000      41.5944     58.6266
       1  3  |   68.28576   12.34825     5.53   0.000     44.08364    92.48788
       1  4  |   79.64454   16.83247     4.73   0.000     46.65351    112.6356
       1  5  |   79.91287   16.55953     4.83   0.000     47.45679     112.369
       1  6  |    86.4462   17.72897     4.88   0.000     51.69805    121.1944
       1  7  |   94.34621   25.31695     3.73   0.000     44.72591    143.9665
       1  8  |   89.11287   24.46361     3.64   0.000     41.16508    137.0607
       1  9  |    90.3712   27.35431     3.30   0.001     36.75774    143.9847
       1 10  |   86.73121   17.72318     4.89   0.000     51.99441     121.468
------------------------------------------------------------------------------

626 . xtreg $yvar i.leftist##ib(2).year if success==0, fe vce(robust)
    note: 1.leftist omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =         486
    Group variable: revid                           Number of groups  =          58

    R-sq:                                           Obs per group:
         within  = 0.0390                                         min =           1
         between = 0.0456                                         avg =         8.4
         overall = 0.0019                                         max =          11

                                                    F(20,57)          =        1.68
    corr(u_i, Xb)  = -0.0412                        Prob > F          =      0.0657

                                  (Std. Err. adjusted for 58 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   debttogdp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |   1.808421    2.46683     0.73   0.467     -3.13132    6.748163
          1  |       1.06   1.582338     0.67   0.506    -2.108577    4.228577
          3  |   .0252634   2.334736     0.01   0.991    -4.649965    4.700492
          4  |  -4.663888   7.106225    -0.66   0.514    -18.89386    9.566081
          5  |   2.693015   3.683983     0.73   0.468    -4.684034    10.07006
          6  |   8.348596   5.567599     1.50   0.139    -2.800329    19.49752
          7  |   3.325729   5.266158     0.63   0.530    -7.219571    13.87103
          8  |   2.255541   5.317467     0.42   0.673    -8.392503    12.90358
          9  |   2.334368    5.48502     0.43   0.672    -8.649196    13.31793
         10  |   2.596961   6.820852     0.38   0.705    -11.06156    16.25548
             |
leftist#year |
       1  0  |  -3.319342   3.250403    -1.02   0.311    -9.828163    3.189478
       1  1  |  -1.768309   2.608374    -0.68   0.501    -6.991487    3.454869
       1  3  |   6.350936   4.161792     1.53   0.133     -1.98291    14.68478
       1  4  |   7.641658   7.967911     0.96   0.342    -8.313808    23.59713
       1  5  |   .1753074   5.097481     0.03   0.973    -10.03222    10.38284
       1  6  |  -5.683569   6.581952    -0.86   0.391     -18.8637    7.496562
       1  7  |  -1.862916   6.390695    -0.29   0.772    -14.66006    10.93423
       1  8  |  -.5437069   6.921203    -0.08   0.938    -14.40318    13.31576
       1  9  |   2.269533   7.445126     0.30   0.762    -12.63907    17.17814
       1 10  |   .6878852   8.409003     0.08   0.935    -16.15085    17.52662
             |
       _cons |   36.62376   2.066986    17.72   0.000     32.48469    40.76283
-------------+----------------------------------------------------------------
     sigma_u |  29.958305
     sigma_e |  13.424575
         rho |  .83277723   (fraction of variance due to u_i)
------------------------------------------------------------------------------

627 . margins leftist#year, noestimcheck

    Adjusted predictions                            Number of obs     =         486
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
leftist#year |
       0  0  |   38.43218   3.308474    11.62   0.000     31.94769    44.91667
       0  1  |   37.68376   2.757473    13.67   0.000     32.27921    43.08831
       0  2  |   36.62376   2.066986    17.72   0.000     32.57254    40.67498
       0  3  |   36.64902   2.485684    14.74   0.000     31.77717    41.52087
       0  4  |   31.95987   7.022989     4.55   0.000     18.19506    45.72468
       0  5  |   39.31677   3.332483    11.80   0.000     32.78523    45.84832
       0  6  |   44.97236   5.098142     8.82   0.000     34.98018    54.96453
       0  7  |   39.94949   4.766436     8.38   0.000     30.60745    49.29153
       0  8  |    38.8793   4.731049     8.22   0.000     29.60661    48.15199
       0  9  |   38.95813   4.906281     7.94   0.000     29.34199    48.57426
       0 10  |   39.22072     6.1724     6.35   0.000     27.12304     51.3184
       1  0  |   35.11284   2.735972    12.83   0.000     29.75043    40.47524
       1  1  |   35.91545   2.583498    13.90   0.000     30.85189    40.97901
       1  2  |   36.62376   2.066986    17.72   0.000     32.57254    40.67498
       1  3  |   42.99996   2.515706    17.09   0.000     38.06927    47.93065
       1  4  |   39.60153   2.589741    15.29   0.000     34.52573    44.67733
       1  5  |   39.49208   2.472208    15.97   0.000     34.64664    44.33752
       1  6  |   39.28879    2.22575    17.65   0.000      34.9264    43.65118
       1  7  |   38.08657   2.236167    17.03   0.000     33.70377    42.46938
       1  8  |   38.33559   2.961682    12.94   0.000      32.5308    44.14038
       1  9  |   41.22766   3.688608    11.18   0.000     33.99812     48.4572
       1 10  |   39.90861   3.550176    11.24   0.000     32.95039    46.86682
```

```
. 
. 
. *=====================================================================
. * EFFECT OF REVOLUTION ON V-DEM EQUALITY OF RESOURCES INDEX--FIGURE 9.8
. *=====================================================================
. * Multiple imputation
. clear

. use matcheddiffindifflong.dta, clear

. global yvar = "vdeqdr"

. quietly: chp9matchmultimp

. * Successful social vs. matched counterparts
. mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
> ht=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        374

Group variable: diffid                          Number of groups  =         34
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
                                                DF:     min       =       6.55
                                                        avg       =       6.55
DF adjustment:   Small sample                           max       =       6.55
                                                F(   8,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
      vdeqdr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0057896   .0043907    -1.32   0.232    -.0163198    .0047407
          1  |   -.002092   .0011471    -1.82   0.114    -.0048431    .0006592
          3  |    .025013   .0159446     1.57   0.164    -.0132273    .0632532
          4  |   .0312814   .0171056     1.83   0.113    -.0097434    .0723061
          5  |   .0411686   .0204893     2.01   0.087    -.0079714    .0903087
          6  |   .0404315   .0208679     1.94   0.097    -.0096164    .0904795
          7  |    .044905   .0209157     2.15   0.072    -.0052576    .0950676
          8  |   .0501012   .0224015     2.24   0.063    -.0036249    .1038273
          9  |   .0520471   .0222821     2.34   0.055    -.0013924    .1054867
         10  |   .0529883   .0222522     2.38   0.051    -.0003797    .1063563
             |
  revny#year |
        1  0 |   .0057896   .0043907     1.32   0.232    -.0047407    .0163198
        1  1 |    .002092   .0011471     1.82   0.114    -.0006592    .0048431
        1  3 |   .1377183   .0782482     1.76   0.125    -.0499462    .3253827
        1  4 |   .2113567   .0866998     2.44   0.047     .0034225    .4192909
        1  5 |   .1991233   .0857247     2.32   0.056    -.0064723    .4047188
        1  6 |   .2081654    .087411     2.38   0.051    -.0014746    .4178053
        1  7 |   .2083358    .087228     2.39   0.051    -.0008651    .4175368
        1  8 |   .2083817   .0879175     2.37   0.052    -.0024728    .4192363
        1  9 |   .2051848   .0846184     2.42   0.048     .0022425    .4081271
        1 10 |   .2064173   .0857382     2.41   0.049     .0007894    .4120453
             |
        cons |   .2188421   .0328362     6.66   0.000     .1400903     .297594
-------------+----------------------------------------------------------------
     sigma_u |  .21710164
     sigma_e |  .09028569
         rho |  .85255384   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

. mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.55
                                                        avg       =       6.55
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2
```

```
4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8. at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19. at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22. at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .2130526   .0330527     6.45   0.000     .1337816    .2923236
          2  |   .2167502   .0333508     6.50   0.000     .1367641    .2967362
          3  |   .2188421   .0328362     6.66   0.000     .1400903     .297594
          4  |   .2438551   .0338067     7.21   0.000     .1627756    .3249346
          5  |   .2501235   .0326452     7.66   0.000     .1718299    .3284171
          6  |   .2600108   .0319198     8.15   0.000     .1834567    .3365649
          7  |   .2592737   .0323831     8.01   0.000     .1816085    .3369388
          8  |   .2637472   .0314592     8.38   0.000     .1882979    .3391965
          9  |   .2689433    .031121     8.64   0.000      .194305    .3435816
         10  |   .2708893   .0295651     9.16   0.000     .1999826     .341796
         11  |   .2718304   .0299503     9.08   0.000           .2    .3436608
         12  |   .2188421   .0328362     6.66   0.000     .1400903     .297594
         13  |   .2188421   .0328362     6.66   0.000     .1400903     .297594
         14  |   .2188421   .0328362     6.66   0.000     .1400903     .297594
         15  |   .3815733   .0553406     6.89   0.000     .2488486    .5142981
         16  |   .4614802   .0550594     8.38   0.000     .3294299    .5935306
         17  |    .459134   .0553944     8.29   0.000     .3262803    .5919877
         18  |    .467439   .0562631     8.31   0.000      .332502    .6023761
         19  |    .472083   .0572585     8.24   0.000     .3347587    .6094073
         20  |    .477325   .0586848     8.13   0.000     .3365799    .6180702
         21  |   .4760741   .0568899     8.37   0.000     .3396338    .6125144
         22  |   .4782477   .0573239     8.34   0.000     .3407665     .615729
------------------------------------------------------------------------------

641 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

642 . * Results loaded into MS Excel and graphed
```

```
643 . * Successful urban civic vs. matched counterparts
644 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946

    Group variable: diffid                          Number of groups  =         86
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.2710
                                                    Largest FMI       =     0.1022
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      20.74
                                                            avg       =      22.89
                                                            max       =      23.21
    Model F test:       Equal FMI                   F(  20,   21.9)   =       3.50
    Within VCE type:       Robust                   Prob > F          =     0.0028

                                   (Within VCE adjusted for 26 clusters in revid)
    ------------------------------------------------------------------------------
          vdeqdr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
               0 |  -.0083772   .0021062    -3.98   0.001     -.012732   -.0040224
               1 |  -.0050431   .0016962    -2.97   0.007    -.0085502    -.001536
               3 |  -.0086753   .0062016    -1.40   0.175    -.0214976    .0041471
               4 |  -.0070277    .005578    -1.26   0.220    -.0185609    .0045054
               5 |  -.0130119   .0067976    -1.91   0.068    -.0270666    .0010428
               6 |  -.0201575   .0099138    -2.03   0.054    -.0406566    .0003416
               7 |  -.0159129   .0113135    -1.41   0.173    -.0393193    .0074935
               8 |  -.0193108   .0118755    -1.63   0.118    -.0438817      .00526
               9 |  -.0172248   .0116727    -1.48   0.154    -.0414034    .0069538
              10 |  -.0153271   .0114965    -1.33   0.196    -.0391742    .0085199
                 |
      revny#year |
            1  0 |   .0051378   .0041834     1.23   0.232    -.0035117    .0137873
            1  1 |   .0053334    .004483     1.19   0.246    -.0039357    .0146024
            1  3 |   .0260384   .0110547     2.36   0.027     .0031817    .0488951
            1  4 |   .0520592   .0161504     3.22   0.004     .0186667    .0854517
            1  5 |   .0578094   .0154867     3.73   0.001      .025786    .0898327
            1  6 |   .0561417   .0181472     3.09   0.005     .0186112    .0936722
            1  7 |   .0469918   .0202645     2.32   0.030     .0050582    .0889255
            1  8 |   .0528396   .0213513     2.47   0.021     .0086434    .0970358
            1  9 |   .0452581   .0209875     2.16   0.042     .0017803     .088736
            1 10 |   .0501826   .0223276     2.25   0.036     .0037146    .0966507
                 |
            cons |   .5026533   .0068793    73.07   0.000     .4884296     .516877
    -------------+----------------------------------------------------------------
         sigma_u |  .25539835
         sigma_e |  .04663117
             rho |  .96773923   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

645 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        946
                                                    Average RVI       =     3.7736
                                                    Largest FMI       =     0.1449
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      19.51
                                                            avg       =      22.69
    Within VCE type: Delta-method                           max       =      23.21

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3

    5._at        : revny           =           0
                   year            =           4

    6._at        : revny           =           0
                   year            =           5

    7._at        : revny           =           0
                   year            =           6

    8._at        : revny           =           0
                   year            =           7
```

```
9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13. at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	.4942761	.0073205	67.52	0.000	.4791403	.5094118
2	.4976102	.0068445	72.70	0.000	.4834584	.511762
3	.5026533	.0068793	73.07	0.000	.4884296	.516877
4	.493978	.0078748	62.73	0.000	.4776961	.5102598
5	.4956255	.007051	70.29	0.000	.4810468	.5102043
6	.4896413	.0063925	76.60	0.000	.4764242	.5028585
7	.4824958	.0081464	59.23	0.000	.4656505	.499341
8	.4867404	.0094808	51.34	0.000	.4671201	.5063606
9	.4833424	.0100956	47.88	0.000	.4624484	.5042365
10	.4854285	.0098684	49.19	0.000	.4649702	.5058868
11	.4873261	.0101352	48.08	0.000	.4662796	.5083727
12	.4994138	.0077537	64.41	0.000	.4833822	.5154455
13	.5029435	.0075993	66.18	0.000	.4872313	.5186558
14	.5026533	.0068793	73.07	0.000	.4884296	.516877
15	.5200164	.0086432	60.16	0.000	.5021457	.5378871
16	.5476848	.0116044	47.20	0.000	.5236915	.571678
17	.5474507	.010787	50.75	0.000	.5251431	.5697584
18	.5386375	.0118426	45.48	0.000	.5141407	.5631342
19	.5337322	.0126596	42.16	0.000	.5075077	.5599566
20	.536182	.0132463	40.48	0.000	.5087104	.5636537
21	.5306866	.0135725	39.10	0.000	.5024806	.5588927
22	.5375088	.0147049	36.55	0.000	.506785	.5682326

```
646 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

647 . * Results loaded into MS Excel and graphed
648 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.1 percent of observations

649 . * Complete case sample as robustness check
650 . clear

651 . use matcheddiffindifflong.dta, clear

652 . xtreg vdeqdr i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       374
    Group variable: diffid                          Number of groups   =        34

    R-sq:  within  = 0.4742                         Obs per group: min =        11
           between = 0.0207                                        avg =      11.0
           overall = 0.0720                                        max =        11

                                                    F(8,8)             =         .
    corr(u_i, Xb)  = -0.1133                        Prob > F           =         .
```

(Std. Err. adjusted for 9 clusters in revid)

vdeqdr	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0057896	.0043907	-1.32	0.224	-.0159145	.0043354
1	-.002092	.0011471	-1.82	0.106	-.0047372	.0005533
3	.025013	.0159446	1.57	0.155	-.0117553	.0617813
4	.0312814	.0171056	1.83	0.105	-.0081642	.0707269
5	.0411686	.0204893	2.01	0.079	-.0060799	.0884171
6	.0404315	.0208679	1.94	0.089	-.0076899	.088553
7	.044905	.0209157	2.15	0.064	-.0033266	.0931367
8	.0501012	.0224015	2.24	0.056	-.0015568	.1017592
9	.0520471	.0222821	2.34	0.048	.0006646	.1034297
10	.0529883	.0222522	2.38	0.044	.0016746	.104302
revny#year						
1 0	.0057896	.0043907	1.32	0.224	-.0043354	.0159145
1 1	.002092	.0011471	1.82	0.106	-.0005533	.0047372
1 3	.1377183	.0782482	1.76	0.116	-.0427224	.3181589
1 4	.2113567	.0866998	2.44	0.041	.0114266	.4112869
1 5	.1991233	.0857247	2.32	0.049	.0014417	.3968048
1 6	.2081654	.087411	2.38	0.044	.0065952	.4097356
1 7	.2083358	.087228	2.39	0.044	.0071877	.409484
1 8	.2083817	.0879175	2.37	0.045	.0056436	.4111198
1 9	.2051848	.0846184	2.42	0.042	.0100545	.4003152
1 10	.2064173	.0857382	2.41	0.043	.0087046	.40413
_cons	.2188421	.0328362	6.66	0.000	.1431217	.2945626
sigma_u	.21710164					
sigma_e	.09028569					
rho	.85255384	(fraction of variance due to u_i)				

653 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions Number of obs = 374
Model VCE : Robust

Expression : Linear prediction, predict()

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
revny#year						
0 0	.2130526	.0330527	6.45	0.000	.1482705	.2778346
0 1	.2167502	.0333508	6.50	0.000	.1513837	.2821166
0 2	.2188421	.0328362	6.66	0.000	.1544844	.2831999
0 3	.2438551	.0338067	7.21	0.000	.1775951	.3101151
0 4	.2501235	.0326452	7.66	0.000	.1861402	.3141068
0 5	.2600108	.0319198	8.15	0.000	.197449	.3225725
0 6	.2592737	.0323831	8.01	0.000	.195804	.3227434
0 7	.2637472	.0314592	8.38	0.000	.2020883	.325406
0 8	.2689433	.031121	8.64	0.000	.2079472	.3299394
0 9	.2708893	.0295651	9.16	0.000	.2129428	.3288358
0 10	.2718304	.0299503	9.08	0.000	.213129	.3305318
1 0	.2188421	.0328362	6.66	0.000	.1544844	.2831999
1 1	.2188421	.0328362	6.66	0.000	.1544844	.2831999
1 2	.2188421	.0328362	6.66	0.000	.1544844	.2831999
1 3	.3815733	.0553406	6.89	0.000	.2731077	.490039
1 4	.4614802	.0550594	8.38	0.000	.3535657	.5693947
1 5	.459134	.0553944	8.29	0.000	.350563	.5677051
1 6	.467439	.0562631	8.31	0.000	.3571654	.5777127
1 7	.472083	.0572585	8.24	0.000	.3598585	.5843075
1 8	.477325	.0586848	8.13	0.000	.3623049	.5923452
1 9	.4760741	.0568899	8.37	0.000	.364572	.5875762
1 10	.4782477	.0573239	8.34	0.000	.365895	.5906005

654 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

655 . xtreg vdeqdr i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression Number of obs = 892
Group variable: diffid Number of groups = 86

R-sq: within = 0.0978 Obs per group: min = 5
between = 0.0015 avg = 10.4
overall = 0.0004 max = 11

F(20,25) = 11.20
corr(u_i, Xb) = -0.1062 Prob > F = 0.0000

```
                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
      vdeqdr |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |  -.0083841    .002108    -3.98   0.001    -.0127255   -.0040427
           1 |   -.005044   .0016985    -2.97   0.006    -.0085422   -.0015459
           3 |   -.008681   .0062101    -1.40   0.174    -.0214709    .0041089
           4 |  -.0070301   .0055859    -1.26   0.220    -.0185346    .0044744
           5 |  -.0130196   .0068068    -1.91   0.067    -.0270385    .0009993
           6 |  -.0202523   .0099872    -2.03   0.053    -.0408212    .0003167
           7 |  -.0151035   .0118385    -1.28   0.214    -.0394852    .0092783
           8 |  -.0191319   .0124004    -1.54   0.135     -.044671    .0064072
           9 |  -.0224496   .0116466    -1.93   0.065    -.0464363    .0015371
          10 |  -.0188214   .0113916    -1.65   0.111    -.0422829      .00464
             |
  revny#year |
        1  0 |   .0051447   .0041866     1.23   0.231    -.0034779    .0137672
        1  1 |   .0053343   .0044869     1.19   0.246    -.0039066    .0145752
        1  3 |   .0260441   .0110631     2.35   0.027     .0032592    .0488291
        1  4 |   .0520616   .0161617     3.22   0.004     .0187759    .0853473
        1  5 |   .0591034   .0159514     3.71   0.001     .0262509    .0919559
        1  6 |   .0574066   .0188444     3.05   0.005     .0185959    .0962173
        1  7 |    .051334   .0221603     2.32   0.029     .0056941    .0969739
        1  8 |   .0579071   .0231622     2.50   0.019     .0102037    .1056105
        1  9 |   .0592987   .0215406     2.75   0.011     .0149349    .1036625
        1 10 |   .0673491   .0224571     3.00   0.006     .0210978    .1136004
             |
       _cons |   .4929331   .0066841    73.75   0.000     .4791669    .5066993
-------------+----------------------------------------------------------------
     sigma_u |  .25602008
     sigma_e |  .04635074
         rho |  .96826352   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
656 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |    .484549   .0071138    68.11   0.000     .4706063    .4984917
        0  1 |   .4878891   .0066244    73.65   0.000     .4749054    .5008727
        0  2 |   .4929331   .0066841    73.75   0.000     .4798325    .5060337
        0  3 |   .4842521   .0075741    63.93   0.000      .469407    .4990971
        0  4 |    .485903   .0068418    71.02   0.000     .4724934    .4993126
        0  5 |   .4799135    .006277    76.46   0.000     .4676108    .4922161
        0  6 |   .4726808   .0082829    57.07   0.000     .4564467     .488915
        0  7 |   .4778296   .0101594    47.03   0.000     .4579176    .4977416
        0  8 |   .4738012   .0107838    43.94   0.000     .4526654     .494937
        0  9 |   .4704835   .0097019    48.49   0.000     .4514683    .4894988
        0 10 |   .4741117   .0099422    47.69   0.000     .4546253     .493598
        1  0 |   .4896937   .0076462    64.04   0.000     .4747073      .50468
        1  1 |   .4932234   .0075113    65.66   0.000     .4785016    .5079452
        1  2 |   .4929331   .0066841    73.75   0.000     .4798325    .5060337
        1  3 |   .5102962    .008625    59.16   0.000     .4933916    .5272009
        1  4 |   .5379646   .0118016    45.58   0.000     .5148339    .5610953
        1  5 |   .5390169   .0113793    47.37   0.000     .5167139    .5613199
        1  6 |   .5300875   .0124657    42.52   0.000     .5056551    .5545198
        1  7 |   .5291636   .0140143    37.76   0.000     .5016961    .5566312
        1  8 |   .5317083    .014471    36.74   0.000     .5033457    .5600709
        1  9 |   .5297822   .0145181    36.49   0.000     .5013274    .5582371
        1 10 |   .5414608   .0150267    36.03   0.000     .5120089    .5709126
------------------------------------------------------------------------------

657 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

658 .
659 . *=========================================
660 . * EFFECT OF REVOLUTION ON HEALTH EQUALITY
661 . *=========================================
662 . * Multiple imputation
663 . clear

664 . use matcheddiffindifflong.dta, clear

665 . global yvar = "vdhealtheq"

666 . quietly: chp9matchmultimp
```

```
667 . * Successful social vs. matched counterparts
668 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
                                                    DF:     min       =       6.55
                                                            avg       =       6.55
    DF adjustment:   Small sample                           max       =       6.55
                                                    F(   8,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                    (Within VCE adjusted for 9 clusters in revid)
    ------------------------------------------------------------------------------
      vdhealtheq |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
               0 |  -.0576532   .0309694    -1.86   0.108    -.1319278    .0166214
               1 |  -.0431164    .030023    -1.44   0.197    -.1151214    .0288885
               3 |   .0193815   .0423772     0.46   0.662    -.0822527    .1210156
               4 |    .065967   .0537345     1.23   0.262    -.0629058    .1948398
               5 |   .1150433   .0478485     2.40   0.050     .0002871    .2297994
               6 |   .1150433   .0478485     2.40   0.050     .0002871    .2297994
               7 |   .1150433   .0478485     2.40   0.050     .0002871    .2297994
               8 |   .1503615   .0724384     2.08   0.079    -.0233692    .3240922
               9 |   .1534324   .0732906     2.09   0.077    -.0223422     .329207
              10 |    .160322   .0754142     2.13   0.074    -.0205456    .3411896
                 |
      revny#year |
            1  0 |   .0576532   .0309694     1.86   0.108    -.0166214    .1319278
            1  1 |   .0431164    .030023     1.44   0.197    -.0288885    .1151214
            1  3 |   .6472717   .3452772     1.87   0.106    -.1808146    1.475358
            1  4 |   1.036603   .4527012     2.29   0.058    -.0491211    2.122327
            1  5 |   .9875266   .4344964     2.27   0.060    -.0545363     2.02959
            1  6 |   1.010981   .4322269     2.34   0.054    -.0256386    2.047601
            1  7 |   1.010981   .4322269     2.34   0.054    -.0256386    2.047601
            1  8 |     .99945   .4244603     2.35   0.053    -.0185431    2.017443
            1  9 |   1.013417   .4171524     2.43   0.048     .0129506    2.013883
            1 10 |   1.007401   .4199082     2.40   0.050     .0003251    2.014477
                 |
            cons |  -1.269935   .1600339    -7.94   0.000    -1.653748   -.8861216
    -------------+----------------------------------------------------------------
         sigma_u |  1.0525765
         sigma_e |  .44108353
             rho |  .85062658   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

669 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        374
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
    DF adjustment:   Small sample                   DF:     min       =       6.55
                                                            avg       =       6.55
    Within VCE type: Delta-method                           max       =       6.55

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3

    5._at        : revny           =           0
                   year            =           4

    6._at        : revny           =           0
                   year            =           5

    7._at        : revny           =           0
                   year            =           6

    8._at        : revny           =           0
                   year            =           7
```

```
9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13. at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	-1.327588	.164152	-8.09	0.000	-1.721277	-.9338982
2	-1.313051	.1643329	-7.99	0.000	-1.707175	-.9189274
3	-1.269935	.1600339	-7.94	0.000	-1.653748	-.8861216
4	-1.250553	.1801896	-6.94	0.000	-1.682706	-.8184002
5	-1.203968	.1634286	-7.37	0.000	-1.595922	-.8120129
6	-1.154891	.1439357	-8.02	0.000	-1.500096	-.809687
7	-1.154891	.1439357	-8.02	0.000	-1.500096	-.809687
8	-1.154891	.1439357	-8.02	0.000	-1.500096	-.809687
9	-1.119573	.1448665	-7.73	0.000	-1.46701	-.7721362
10	-1.116502	.142632	-7.83	0.000	-1.45858	-.7744245
11	-1.109613	.145748	-7.61	0.000	-1.459163	-.7600618
12	-1.269935	.1600339	-7.94	0.000	-1.653748	-.8861216
13	-1.269935	.1600339	-7.94	0.000	-1.653748	-.8861216
14	-1.269935	.1600339	-7.94	0.000	-1.653748	-.8861216
15	-.6032814	.2190793	-2.75	0.030	-1.128704	-.0778584
16	-.1673647	.2927116	-0.57	0.587	-.8693816	.5346523
17	-.1673647	.2927116	-0.57	0.587	-.8693816	.5346523
18	-.1439101	.290608	-0.50	0.637	-.8408819	.5530618
19	-.1439101	.290608	-0.50	0.637	-.8408819	.5530618
20	-.120123	.2866726	-0.42	0.689	-.8076565	.5674105
21	-.1030852	.2820942	-0.37	0.726	-.7796383	.5734679
22	-.1022117	.2822672	-0.36	0.729	-.7791797	.5747563

```
670 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

671 . * Successful urban civic vs. matched counterparts
672 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946

    Group variable: diffid                          Number of groups  =         86
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.2844
                                                    Largest FMI       =     0.0847
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      21.23
                                                            avg       =      22.99
                                                            max       =      23.21
    Model F test:       Equal FMI                   F(  20,   21.8)   =       2.41
    Within VCE type:        Robust                  Prob > F          =     0.0243
```

(Within VCE adjusted for 26 clusters in revid)

vdhealtheq	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0260372	.0118902	-2.19	0.039	-.0506215	-.0014529
1	-.0268664	.0118731	-2.26	0.033	-.0514153	-.0023175
3	-.0374189	.036014	-1.04	0.310	-.1118815	.0370436
4	-.0829428	.0547251	-1.52	0.143	-.1960925	.0302069
5	-.0987982	.0566075	-1.75	0.094	-.21584	.0182437
6	-.1572275	.0750101	-2.10	0.047	-.3123242	-.0021307
7	-.132656	.0807537	-1.64	0.114	-.2996812	.0343692
8	-.1370939	.0810512	-1.69	0.104	-.3047416	.0305539
9	-.1309116	.0808988	-1.62	0.119	-.2983155	.0364923
10	-.1157414	.079434	-1.46	0.159	-.2803275	.0488447
revny#year						
1 0	.0319661	.0213547	1.50	0.148	-.0121869	.0761191
1 1	.0329187	.021508	1.53	0.139	-.0115513	.0773887
1 3	.0649084	.0788975	0.82	0.419	-.0982203	.2280371
1 4	.2456832	.1081549	2.27	0.033	.022062	.4693043
1 5	.246141	.1054021	2.34	0.029	.028198	.4640839
1 6	.3186949	.1217701	2.62	0.015	.0668813	.5705085
1 7	.2996513	.1266751	2.37	0.027	.0375748	.5617278
1 8	.2677563	.1326755	2.02	0.055	-.0067604	.5422731
1 9	.2458094	.133162	1.85	0.078	-.0298365	.5214554
1 10	.2338814	.1403731	1.67	0.110	-.0578466	.5256093
_cons	-.0226213	.0452675	-0.50	0.622	-.1162165	.0709739
sigma_u	1.2297149					
sigma_e	.29237881					
rho	.9464942	(fraction of variance due to u_i)				

Note: sigma_u and sigma_e are combined in the original metric.

673 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates Imputations = 10
Adjusted predictions Number of obs = 946
Average RVI = 2.6808
Largest FMI = 0.1097
Complete DF = 25
DF adjustment: Small sample DF: min = 20.53
avg = 22.85
Within VCE type: Delta-method max = 23.21

Expression : Linear prediction, predict(xb)

1._at : revny = 0
year = 0

2._at : revny = 0
year = 1

3._at : revny = 0
year = 2

4._at : revny = 0
year = 3

5._at : revny = 0
year = 4

6._at : revny = 0
year = 5

7._at : revny = 0
year = 6

8._at : revny = 0
year = 7

9._at : revny = 0
year = 8

10._at : revny = 0
year = 9

11._at : revny = 0
year = 10

12._at : revny = 1
year = 0

13._at : revny = 1
year = 1

14._at : revny = 1
year = 2

15._at : revny = 1
year = 3

16._at : revny = 1
year = 4

```
17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	-.0486585	.0479614	-1.01	0.321	-.1478236	.0505067
2	-.0494877	.0471551	-1.05	0.305	-.1469855	.0480102
3	-.0226213	.0452675	-0.50	0.622	-.1162165	.0709739
4	-.0600402	.0493154	-1.22	0.236	-.1620049	.0419244
5	-.105564	.0503256	-2.10	0.047	-.2096174	-.0015107
6	-.1214194	.0465785	-2.61	0.016	-.2177253	-.0251136
7	-.1798488	.0574585	-3.13	0.005	-.2986576	-.06104
8	-.1552773	.0625439	-2.48	0.021	-.2846701	-.0258844
9	-.1597152	.0628239	-2.54	0.018	-.2896966	-.0297338
10	-.1535329	.0628928	-2.44	0.023	-.2837529	-.0233129
11	-.1383627	.0628833	-2.20	0.039	-.2688501	-.0078752
12	-.0166923	.046617	-0.36	0.724	-.1130777	.079693
13	-.016569	.0465648	-0.36	0.725	-.1128464	.0797083
14	-.0226213	.0452675	-0.50	0.622	-.1162165	.0709739
15	.0048682	.0531731	0.09	0.928	-.1050725	.1148089
16	.1401191	.0721658	1.94	0.064	-.0090909	.2893292
17	.1247215	.0643963	1.94	0.065	-.0084466	.2578896
18	.1388461	.0763487	1.82	0.082	-.0190625	.2967548
19	.1443741	.0802463	1.80	0.085	-.0217783	.3105265
20	.1080412	.0828033	1.30	0.205	-.0634571	.2795394
21	.0922766	.0852541	1.08	0.291	-.0845182	.2690714
22	.0955187	.0920825	1.04	0.312	-.0962453	.2872826

```
674 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

675 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.1 percent of observations

676 . * Complete case sample as robustness check
677 . clear

678 . use matcheddiffindifflong.dta, clear

679 . xtreg vdhealtheq i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       374
    Group variable: diffid                          Number of groups   =        34

    R-sq:  within  = 0.4321                         Obs per group: min =        11
           between = 0.0403                                        avg =      11.0
           overall = 0.0860                                        max =        11

                                                    F(8,8)             =         .
    corr(u_i, Xb)  = -0.0751                        Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
```

vdhealtheq	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0576532	.0309694	-1.86	0.100	-.1290687	.0137623
1	-.0431164	.030023	-1.44	0.189	-.1123497	.0261168
3	.0193815	.0423772	0.46	0.660	-.0783404	.1171034
4	.065967	.0537345	1.23	0.254	-.057945	.1898791
5	.1150433	.0478485	2.40	0.043	.0047045	.2253821
6	.1150433	.0478485	2.40	0.043	.0047045	.2253821
7	.1150433	.0478485	2.40	0.043	.0047045	.2253821
8	.1503615	.0724384	2.08	0.072	-.0166817	.3174048
9	.1534324	.0732906	2.09	0.070	-.0155761	.3224409
10	.160322	.0754142	2.13	0.066	-.0135835	.3342274
revny#year						
1 0	.0576532	.0309694	1.86	0.100	-.0137623	.1290687
1 1	.0431164	.030023	1.44	0.189	-.0261168	.1123497
1 3	.6472717	.3452772	1.87	0.098	-.1489389	1.443482
1 4	1.036603	.4527012	2.29	0.051	-.0073281	2.080534
1 5	.9875266	.4344964	2.27	0.053	-.0144239	1.989477
1 6	1.010981	.4322269	2.34	0.047	.0142642	2.007698
1 7	1.010981	.4322269	2.34	0.047	.0142642	2.007698
1 8	.99945	.4244603	2.35	0.046	.0206428	1.978257
1 9	1.013417	.4171524	2.43	0.041	.0514618	1.975372
1 10	1.007401	.4199082	2.40	0.043	.0390907	1.975711

```
       _cons |  -1.269935   .1600339    -7.94   0.000    -1.638973   -.9008958
-------------+----------------------------------------------------------------
     sigma_u |  1.0525765
     sigma_e |  .44108353
         rho |  .85062658   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
680 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |  -1.327588    .164152    -8.09   0.000     -1.64932   -1.005856
        0  1 |  -1.313051   .1643329    -7.99   0.000    -1.635138   -.9909643
        0  2 |  -1.269935   .1600339    -7.94   0.000    -1.583595   -.9562739
        0  3 |  -1.250553   .1801896    -6.94   0.000    -1.603718    -.897388
        0  4 |  -1.203968   .1634286    -7.37   0.000    -1.524282   -.8836534
        0  5 |  -1.154891   .1439357    -8.02   0.000       -1.437   -.8727825
        0  6 |  -1.154891   .1439357    -8.02   0.000       -1.437   -.8727825
        0  7 |  -1.154891   .1439357    -8.02   0.000       -1.437   -.8727825
        0  8 |  -1.119573   .1448665    -7.73   0.000    -1.403506   -.8356398
        0  9 |  -1.116502    .142632    -7.83   0.000    -1.396056   -.8369486
        0 10 |  -1.109613    .145748    -7.61   0.000    -1.395273   -.8239518
        1  0 |  -1.269935   .1600339    -7.94   0.000    -1.583595   -.9562739
        1  1 |  -1.269935   .1600339    -7.94   0.000    -1.583595   -.9562739
        1  2 |  -1.269935   .1600339    -7.94   0.000    -1.583595   -.9562739
        1  3 |  -.6032814   .2190793    -2.75   0.006    -1.032669   -.1738939
        1  4 |  -.1673647   .2927116    -0.57   0.567    -.7410688    .4063394
        1  5 |  -.1673647   .2927116    -0.57   0.567    -.7410688    .4063394
        1  6 |  -.1439101    .290608    -0.50   0.620    -.7134912     .425671
        1  7 |  -.1439101    .290608    -0.50   0.620    -.7134912     .425671
        1  8 |   -.120123   .2866726    -0.42   0.675    -.6819909    .4417449
        1  9 |  -.1030852   .2820942    -0.37   0.715    -.6559796    .4498092
        1 10 |  -.1022117   .2822672    -0.36   0.717    -.6554452    .4510218
------------------------------------------------------------------------------
```

```
681 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

682 . xtreg vdhealtheq i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       892
Group variable: diffid                          Number of groups   =        86

R-sq:  within  = 0.0552                         Obs per group: min =         5
       between = 0.0018                                        avg =      10.4
       overall = 0.0004                                        max =        11

                                                F(20,25)           =     19.84
corr(u_i, Xb)  = -0.1135                        Prob > F           =    0.0000

                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  vdhealtheq |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0260479   .0119063    -2.19   0.038    -.0505694   -.0015264
          1  |  -.0268871   .0118882    -2.26   0.033    -.0513712    -.002403
          3  |  -.0374462   .0360642    -1.04   0.309    -.1117219    .0368295
          4  |   -.083006   .0547993    -1.51   0.142    -.1958673    .0298552
          5  |  -.0988736   .0566829    -1.74   0.093    -.2156143     .017867
          6  |  -.1580932    .075533    -2.09   0.047    -.3136564     -.00253
          7  |  -.1154174   .0835065    -1.38   0.179    -.2874023    .0565676
          8  |  -.1224393   .0837814    -1.46   0.156    -.2949904    .0501118
          9  |  -.1394989   .0842123    -1.66   0.110    -.3129373    .0339395
         10  |  -.1194024   .0831988    -1.44   0.164    -.2907535    .0519487
             |
  revny#year |
        1  0 |   .0319769   .0213759     1.50   0.147    -.0120476    .0760014
        1  1 |   .0329393   .0215286     1.53   0.139    -.0113997    .0772784
        1  3 |   .0649357    .078964     0.82   0.419    -.0976938    .2275652
        1  4 |   .2457464   .1082385     2.27   0.032     .0228251    .4686678
        1  5 |   .2512313   .1086315     2.31   0.029     .0275004    .4749621
        1  6 |   .3266906   .1264243     2.58   0.016     .0663149    .5870662
        1  7 |   .3135173   .1414993     2.22   0.036      .022094    .6049407
        1  8 |   .2788038   .1472629     1.89   0.070    -.0244898    .5820974
        1  9 |   .3126225   .1440305     2.17   0.040      .015986    .6092589
        1 10 |   .3224276   .1477368     2.18   0.039      .018158    .6266972
             |
       _cons |  -.0749628   .0443433    -1.69   0.103    -.1662895    .0163639
-------------+----------------------------------------------------------------
     sigma_u |  1.2321853
     sigma_e |  .29303745
         rho |  .94646956   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
683 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |  -.1010107   .0472084    -2.14   0.032    -.1935375    -.008484
       0  1  |  -.1018499   .0463719    -2.20   0.028     -.192737   -.0109627
       0  2  |  -.0749628   .0443433    -1.69   0.091     -.161874    .0119485
       0  3  |   -.112409   .0480832    -2.34   0.019    -.2066502   -.0181677
       0  4  |  -.1579688   .0494904    -3.19   0.001    -.2549683   -.0609693
       0  5  |  -.1738364   .0456774    -3.81   0.000    -.2633625   -.0843103
       0  6  |   -.233056   .0590691    -3.95   0.000    -.3488292   -.1172828
       0  7  |  -.1903801   .0665092    -2.86   0.004    -.3207358   -.0600245
       0  8  |   -.197402    .066655    -2.96   0.003    -.3280434   -.0667607
       0  9  |  -.2144616   .0666153    -3.22   0.001    -.3450253    -.083898
       0 10  |  -.1943652    .066271    -2.93   0.003    -.3242539   -.0644765
       1  0  |  -.0690338   .0457772    -1.51   0.132    -.1587554    .0206878
       1  1  |  -.0689105   .0457535    -1.51   0.132    -.1585858    .0207648
       1  2  |  -.0749628   .0443433    -1.69   0.091     -.161874    .0119485
       1  3  |  -.0474733   .0531411    -0.89   0.372    -.1516279    .0566813
       1  4  |   .0877776   .0730778     1.20   0.230    -.0554522    .2310074
       1  5  |   .0773949   .0678984     1.14   0.254    -.0556836    .2104733
       1  6  |   .0936346   .0803887     1.16   0.244    -.0639243    .2511935
       1  7  |   .1231372   .0912022     1.35   0.177    -.0556158    .3018902
       1  8  |   .0814018   .0944345     0.86   0.389    -.1036864    .2664899
       1  9  |   .0981608    .093653     1.05   0.295    -.0853957    .2817173
       1 10  |   .1280624    .098395     1.30   0.193    -.0647882    .3209131
------------------------------------------------------------------------------

684 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

685 .
686 . *=============================================
687 . * EFFECT OF REVOLUTION ON EDUCATIONAL EQUALITY
688 . *=============================================
689 . * Multiple imputation
690 . clear

691 . use matcheddiffindifflong.dta, clear

692 . global yvar = "vdeduceq"

693 . quietly: chp9matchmultimp

694 . * Successful social vs. matched counterparts
695 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
                                                    DF:     min       =       6.55
                                                            avg       =       6.55
    DF adjustment:   Small sample                   max               =       6.55
                                                    F(   8,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
    vdeduceq |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0059316   .0433753    -0.14   0.895    -.1099596    .0980965
          1  |  -.0058682   .0060322    -0.97   0.365    -.0203354    .0085989
          3  |   .2750964   .2157818     1.27   0.246    -.2424182    .7926109
          4  |   .3697637   .2271468     1.63   0.151    -.1750077    .9145351
          5  |   .4032096   .2247338     1.79   0.119    -.1357748     .942194
          6  |   .3965739   .2270837     1.75   0.127    -.1480461     .941194
          7  |   .4680201   .2235097     2.09   0.077    -.0680285    1.004069
          8  |   .4793824   .2085493     2.30   0.058    -.0207863    .9795511
          9  |   .4859727   .2079395     2.34   0.055    -.0127335    .9846789
         10  |   .4910349   .2056719     2.39   0.051    -.0022329    .9843027
             |
  revny#year |
       1  0  |   .0059316   .0433753     0.14   0.895    -.0980965    .1099596
       1  1  |   .0058682   .0060322     0.97   0.365    -.0085989    .0203354
       1  3  |   .5425878    .380067     1.43   0.199    -.3689357    1.454111
       1  4  |   .7334093   .4435562     1.65   0.145    -.3303818      1.7972
       1  5  |   .6956086   .4459129     1.56   0.166    -.3738348    1.765052
       1  6  |   .7643506   .4434784     1.72   0.131    -.2992539    1.827955
```

```
       1  7  |   .7154837   .4500419     1.59   0.159    -.3638622     1.79483
       1  8  |   .7365028   .4243269     1.74   0.129    -.2811704    1.754176
       1  9  |   .7444524   .4170415     1.79   0.120    -.2557479    1.744653
       1 10  |   .7393902   .4147296     1.78   0.121    -.2552654    1.734046
             |
       _cons |  -1.543187   .1835869    -8.41   0.000    -1.983488   -1.102886
-------------+----------------------------------------------------------------
     sigma_u |  1.0653093
     sigma_e |   .4825019
         rho |  .82978031   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

696 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.55
                                                        avg       =       6.55
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2. at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13. at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

```
------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |  -1.549119   .1914659    -8.09   0.000    -2.008316   -1.089921
          2  |  -1.549055   .1819287    -8.51   0.000    -1.985379   -1.112731
          3  |  -1.543187   .1835869    -8.41   0.000    -1.983488   -1.102886
          4  |  -1.268091   .1869778    -6.78   0.000    -1.716524   -.8196575
          5  |  -1.173423   .1904556    -6.16   0.001    -1.630197   -.7166492
          6  |  -1.139977   .1907277    -5.98   0.001    -1.597404   -.6825507
          7  |  -1.146613   .1935855    -5.92   0.001    -1.610894   -.6823324
          8  |  -1.075167   .1990678    -5.40   0.001    -1.552596    -.597738
          9  |  -1.063805   .1757993    -6.05   0.001    -1.485428   -.6421811
         10  |  -1.057214   .1709636    -6.18   0.001     -1.46724   -.6471883
         11  |  -1.052152   .1681152    -6.26   0.001    -1.455347   -.6489574
         12  |  -1.543187   .1835869    -8.41   0.000    -1.983488   -1.102886
         13  |  -1.543187   .1835869    -8.41   0.000    -1.983488   -1.102886
         14  |  -1.543187   .1835869    -8.41   0.000    -1.983488   -1.102886
         15  |  -.7255029   .2528077    -2.87   0.026    -1.331818   -.1191882
         16  |   -.440014   .2796047    -1.57   0.163    -1.110596    .2305685
         17  |  -.4443689   .2805501    -1.58   0.160    -1.117219     .228481
         18  |  -.3822624   .2695136    -1.42   0.202    -1.028643    .2641183
         19  |  -.3596832   .2691672    -1.34   0.226    -1.005233    .2858667
         20  |  -.3273018   .2665409    -1.23   0.262     -.966553    .3119493
         21  |  -.3127619   .2667426    -1.17   0.282    -.9524969    .3269731
         22  |  -.3127619   .2667426    -1.17   0.282    -.9524969    .3269731
------------------------------------------------------------------------------
```

```
697 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

698 . * Successful urban civic vs. matched counterparts
699 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946

    Group variable: diffid                          Number of groups  =         86
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.2990
                                                    Largest FMI       =     0.1265
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      20.05
                                                            avg       =      22.84
                                                            max       =      23.21
    Model F test:       Equal FMI                   F(  20,   21.7)   =       2.53
    Within VCE type:       Robust                   Prob > F          =     0.0190

                                  (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
    vdeduceq |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |  -.0430942   .0180679    -2.39   0.026    -.0804514    -.005737
           1 |  -.0371928    .013764    -2.70   0.013    -.0656513   -.0087343
           3 |  -.0197733   .0291313    -0.68   0.504    -.0800054    .0404587
           4 |   .0051014   .0164319     0.31   0.759    -.0288732     .039076
           5 |  -.0358774   .0324447    -1.11   0.280    -.1029601    .0312054
           6 |  -.0757907   .0587993    -1.29   0.210    -.1973728    .0457913
           7 |  -.0608915   .0623016    -0.98   0.339    -.1897906    .0680076
           8 |  -.0758553    .070761    -1.07   0.295    -.2222478    .0705372
           9 |  -.0616419   .0684752    -0.90   0.378    -.2034652    .0801814
          10 |  -.0614726   .0695227    -0.88   0.386    -.2056182    .0826731
             |
  revny#year |
        1  0 |    .063373   .0312346     2.03   0.054    -.0012077    .1279537
        1  1 |   .0600718   .0287383     2.09   0.048     .0006525    .1194911
        1  3 |   .0701437   .0708823     0.99   0.333    -.0764127    .2167001
        1  4 |   .1742684   .0861297     2.02   0.055    -.0038134    .3523503
        1  5 |   .1961792   .0853913     2.30   0.031     .0195908    .3727675
        1  6 |   .2087617   .0997667     2.09   0.048     .0024142    .4151093
        1  7 |   .1458829   .1061728     1.37   0.183     -.073869    .3656348
        1  8 |   .1763507   .1052172     1.68   0.107    -.0414863    .3941878
        1  9 |   .1568641   .1040137     1.51   0.146    -.0587728     .372501
        1 10 |   .2014726   .1127975     1.79   0.089    -.0337848    .4367301
             |
       _cons |   .0042013   .0355848     0.12   0.907    -.0693739    .0777765
-------------+----------------------------------------------------------------
     sigma_u |  1.3443202
     sigma_e |  .25639618
         rho |  .96490056   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.
```

```
700 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        946
                                                Average RVI       =     3.6115
                                                Largest FMI       =     0.1499
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      19.36
                                                        avg       =      22.63
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9. at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20. at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |  -.0388929    .039461    -0.99   0.334    -.1204825    .0426967
          2  |  -.0329915   .0382188    -0.86   0.397    -.1120128    .0460299
          3  |   .0042013   .0355848     0.12   0.907    -.0693739    .0777765
          4  |   -.015572   .0453615    -0.34   0.734    -.1093615    .0782174
          5  |   .0093027   .0350491     0.27   0.793    -.0631649    .0817703
          6  |  -.0316761    .034464    -0.92   0.367    -.1029339    .0395818
          7  |  -.0715894   .0459969    -1.56   0.133    -.1667038    .0235249
          8  |  -.0566902   .0496714    -1.14   0.266    -.1594988    .0461184
          9  |   -.071654   .0577312    -1.24   0.227    -.1911275    .0478195
         10  |  -.0574406   .0552946    -1.04   0.310    -.1720854    .0572042
         11  |  -.0572713   .0554166    -1.03   0.313    -.1723943    .0578518
         12  |   .0244801   .0456133     0.54   0.597      -.06983    .1187903
         13  |   .0270803   .0453931     0.60   0.557    -.0667745    .1209351
         14  |   .0042013   .0355848     0.12   0.907    -.0693739    .0777765
         15  |   .0545716    .049513     1.10   0.282    -.0478015    .1569448
         16  |   .1835711   .0679993     2.70   0.013     .0429756    .3241666
         17  |   .1645031   .0608645     2.70   0.013     .0386124    .2903938
         18  |   .1371723   .0664317     2.06   0.050    -.0002634    .2746081
```

```
          19  |   .0891927   .0689551     1.29   0.209    -.0536915    .2320769
          20  |   .1046967   .0647464     1.62   0.120     -.029675    .2390685
          21  |   .0994235   .0675912     1.47   0.156    -.0412223    .2400693
          22  |   .1442014   .0779101     1.85   0.080    -.0186622     .307065
------------------------------------------------------------------------------

701 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

702 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 4.1 percent of observations

703 . * Complete case sample as robustness check
704 . clear

705 . use matcheddiffindifflong.dta, clear

706 . xtreg vdeduceq i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       374
Group variable: diffid                          Number of groups   =        34

R-sq:  within  = 0.4333                         Obs per group: min =        11
       between = 0.0138                                        avg =      11.0
       overall = 0.0679                                        max =        11

                                                F(8,8)             =         .
corr(u_i, Xb)  = -0.0583                        Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
    vdeduceq |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0059316   .0433753    -0.14   0.895    -.1059552    .0940921
          1  |  -.0058682   .0060322    -0.97   0.359    -.0197785     .008042
          3  |   .2750964   .2157818     1.27   0.238    -.2224974    .7726901
          4  |   .3697637   .2271468     1.63   0.142    -.1540377    .8935651
          5  |   .4032096   .2247338     1.79   0.111    -.1150276    .9214467
          6  |   .3965739   .2270837     1.75   0.119    -.1270819    .9202298
          7  |   .4680201   .2235097     2.09   0.070    -.0473942    .9834344
          8  |   .4793824   .2085493     2.30   0.051    -.0015332     .960298
          9  |   .4859727   .2079395     2.34   0.048     .0064633    .9654821
         10  |   .4910349   .2056719     2.39   0.044     .0167546    .9653152
             |
  revny#year |
       1  0  |   .0059316   .0433753     0.14   0.895    -.0940921    .1059552
       1  1  |   .0058682   .0060322     0.97   0.359     -.008042    .0197785
       1  3  |   .5425878    .380067     1.43   0.191    -.3338482    1.419024
       1  4  |   .7334093   .4435562     1.65   0.137    -.2894331    1.756252
       1  5  |   .6956086   .4459129     1.56   0.157    -.3326684    1.723886
       1  6  |   .7643506   .4434784     1.72   0.123    -.2583123    1.787014
       1  7  |   .7154837   .4500419     1.59   0.151    -.3223147    1.753282
       1  8  |   .7365028   .4243269     1.74   0.121    -.2419969    1.715002
       1  9  |   .7444524   .4170415     1.79   0.112     -.217247    1.706152
       1 10  |   .7393902   .4147296     1.78   0.112    -.2169779    1.695758
             |
       _cons |  -1.543187   .1835869    -8.41   0.000    -1.966539   -1.119835
-------------+----------------------------------------------------------------
     sigma_u |  1.0653093
     sigma_e |   .4825019
         rho |  .82978031   (fraction of variance due to u_i)
------------------------------------------------------------------------------

707 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |  -1.549119   .1914659    -8.09   0.000    -1.924385   -1.173852
       0  1  |  -1.549055   .1819287    -8.51   0.000    -1.905629   -1.192481
       0  2  |  -1.543187   .1835869    -8.41   0.000    -1.903011   -1.183363
       0  3  |  -1.268091   .1869778    -6.78   0.000     -1.63456    -.901621
       0  4  |  -1.173423   .1904556    -6.16   0.000    -1.546709   -.8001372
       0  5  |  -1.139977   .1907277    -5.98   0.000    -1.513797    -.766158
       0  6  |  -1.146613   .1935855    -5.92   0.000    -1.526034   -.7671925
       0  7  |  -1.075167   .1990678    -5.40   0.000    -1.465333   -.6850012
       0  8  |  -1.063805   .1757993    -6.05   0.000    -1.408365   -.7192444
       0  9  |  -1.057214   .1709636    -6.18   0.000    -1.392297   -.7221318
       0 10  |  -1.052152   .1681152    -6.26   0.000    -1.381652   -.7226523
       1  0  |  -1.543187   .1835869    -8.41   0.000    -1.903011   -1.183363
       1  1  |  -1.543187   .1835869    -8.41   0.000    -1.903011   -1.183363
       1  2  |  -1.543187   .1835869    -8.41   0.000    -1.903011   -1.183363
       1  3  |  -.7255029   .2528077    -2.87   0.004    -1.220997   -.2300089
       1  4  |   -.440014   .2796047    -1.57   0.116    -.9880291    .1080012
       1  5  |  -.4443689   .2805501    -1.58   0.113     -.994237    .1054992
       1  6  |  -.3822624   .2695136    -1.42   0.156    -.9104994    .1459745
       1  7  |  -.3596832   .2691672    -1.34   0.181    -.8872412    .1678748
       1  8  |  -.3273018   .2665409    -1.23   0.219    -.8497123    .1951086
       1  9  |  -.3127619   .2667426    -1.17   0.241    -.8355678    .2100439
```

```
       1 10  |  -.3127619   .2667426    -1.17   0.241    -.8355678    .2100439
------------------------------------------------------------------------------
```

```
708 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases
```

```
709 . xtreg vdeduceq i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       892
Group variable: diffid                          Number of groups   =        86

R-sq:  within  = 0.0489                         Obs per group: min =         5
       between = 0.0000                                        avg =      10.4
       overall = 0.0000                                        max =        11

                                                F(20,25)           =     17.27
corr(u_i, Xb)  = -0.0535                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
    vdeduceq |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0431126    .018092    -2.38   0.025    -.0803739   -.0058514
          1  |  -.0372067   .0137821    -2.70   0.012    -.0655914    -.008822
          3  |  -.0197886   .0291725    -0.68   0.504    -.0798704    .0402933
          4  |   .0051053   .0164553     0.31   0.759     -.028785    .0389956
          5  |   -.035905   .0324898    -1.11   0.280    -.1028189    .0310089
          6  |  -.0761564   .0593203    -1.28   0.211    -.1983289    .0460161
          7  |  -.0519826   .0628519    -0.83   0.416    -.1814285    .0774633
          8  |  -.0678811   .0715062    -0.95   0.352     -.215151    .0793887
          9  |  -.0861194   .0679659    -1.27   0.217    -.2260977    .0538589
         10  |  -.0745998   .0703606    -1.06   0.299    -.2195102    .0703106
             |
  revny#year |
       1  0  |   .0633915   .0312642     2.03   0.053    -.0009984    .1277813
       1  1  |   .0600857   .0287637     2.09   0.047     .0008458    .1193257
       1  3  |   .0701589   .0709378     0.99   0.332    -.0759402     .216258
       1  4  |   .1742645    .086185     2.02   0.054    -.0032368    .3517658
       1  5  |   .2034072   .0886264     2.30   0.030     .0208777    .3859366
       1  6  |   .2168301   .1044171     2.08   0.048     .0017791    .4318811
       1  7  |   .1747286   .1177827     1.48   0.150    -.0678493    .4173066
       1  8  |   .2091897   .1170005     1.79   0.086    -.0317773    .4501568
       1  9  |   .2343944   .1114803     2.10   0.046     .0047963    .4639924
       1 10  |   .2947301    .115526     2.55   0.017     .0567998    .5326603
             |
       _cons |  -.0555862   .0331483    -1.68   0.106    -.1238563     .012684
-------------+----------------------------------------------------------------
     sigma_u |  1.3531838
     sigma_e |  .25052341
         rho |  .96686043   (fraction of variance due to u i)
------------------------------------------------------------------------------
```

```
710 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |  -.0986988   .0365907    -2.70   0.007    -.1704152   -.0269824
       0  1  |  -.0927929   .0352937    -2.63   0.009    -.1619673   -.0236185
       0  2  |  -.0555862   .0331483    -1.68   0.094    -.1205556    .0093832
       0  3  |  -.0753747   .0417153    -1.81   0.071    -.1571352    .0063857
       0  4  |  -.0504809   .0315265    -1.60   0.109    -.1122716    .0113099
       0  5  |  -.0914912   .0315149    -2.90   0.004    -.1532592   -.0297231
       0  6  |  -.1317426   .0489943    -2.69   0.007    -.2277697   -.0357154
       0  7  |  -.1075688   .0531587    -2.02   0.043     -.211758   -.0033796
       0  8  |  -.1234673   .0618453    -2.00   0.046    -.2446819   -.0022528
       0  9  |  -.1417055   .0569714    -2.49   0.013    -.2533675   -.0300436
       0 10  |   -.130186   .0577173    -2.26   0.024    -.2433099   -.0170621
       1  0  |  -.0353074   .0440063    -0.80   0.422    -.1215582    .0509435
       1  1  |  -.0327071   .0437916    -0.75   0.455    -.1185371    .0531228
       1  2  |  -.0555862   .0331483    -1.68   0.094    -.1205556    .0093832
       1  3  |  -.0052158   .0480996    -0.11   0.914    -.0994894    .0890577
       1  4  |   .1237836   .0691003     1.79   0.073    -.0116506    .2592178
       1  5  |    .111916   .0650843     1.72   0.086    -.0156469    .2394789
       1  6  |   .0850875   .0714137     1.19   0.233    -.0548808    .2250559
       1  7  |   .0671599   .0755425     0.89   0.374    -.0809008    .2152205
       1  8  |   .0857224   .0700852     1.22   0.221    -.0516421    .2230869
       1  9  |   .0926889   .0730333     1.27   0.204    -.0504537    .2358315
       1 10  |   .1645441   .0796579     2.07   0.039     .0084174    .3206707
------------------------------------------------------------------------------
```

```
711 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

712 .
713 . *=========================================
714 . * EFFECT OF REVOLUTION ON INFANT MORTALITY
715 . *=========================================
716 . * Multiple imputation
717 . clear

718 . use matcheddiffindifflong.dta, clear

719 . global yvar = "e_peinfmor"

720 . quietly: chp9matchmultimp

721 . * Successful social vs. matched counterparts
722 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
> ht=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        275

Group variable: diffid                          Number of groups  =         25
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.1619
                                                Largest FMI       =     0.0740
                                                Complete DF       =          5
                                                DF:     min       =       3.71
                                                        avg       =       3.75
DF adjustment:   Small sample                           max       =       3.75
                                                F(   6,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                 (Within VCE adjusted for 6 clusters in revid)
------------------------------------------------------------------------------
  e_peinfmor |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   6.750405   1.862226     3.62   0.025     1.416808      12.084
          1  |   1.484723   1.339781     1.11   0.334    -2.334977     5.304423
          3  |  -.9041655   4.059275    -0.22   0.835    -12.47712     10.66878
          4  |  -6.919443   2.142635    -3.23   0.035    -13.02807    -.8108124
          5  |  -8.190277   3.653145    -2.24   0.093    -18.60535      2.2248
          6  |  -10.58055   4.481134    -2.36   0.082    -23.35622     2.195113
          7  |  -14.07222   4.764305    -2.95   0.045     -27.6552    -.4892371
          8  |  -18.17083   5.047434    -3.60   0.025    -32.56101    -3.78065
          9  |  -20.48194   6.050998    -3.38   0.031    -37.73327    -3.230614
         10  |  -20.51666   8.286082    -2.48   0.073    -44.14019     3.106865
             |
  revny#year |
       1  0  |   .0885794   2.362716     0.04   0.972    -6.666603     6.843762
       1  1  |   1.301437   2.011287     0.65   0.555     -4.43272     7.035594
       1  3  |  -6.473802   5.346535    -1.21   0.297    -21.71672     8.769111
       1  4  |  -2.844682   3.966221    -0.72   0.515    -14.15233     8.462971
       1  5  |  -4.526672   6.110405    -0.74   0.502    -21.94737     12.89403
       1  6  |  -4.972552    7.38537    -0.67   0.540    -26.02816     16.08306
       1  7  |   -4.13371     8.1043    -0.51   0.639    -27.23898     18.97156
       1  8  |  -3.021261   8.324468    -0.36   0.736    -26.75423     20.71171
       1  9  |  -3.512973   9.587441    -0.37   0.734    -30.84667     23.82072
       1 10  |  -6.014408    12.2108    -0.49   0.650    -40.82725     28.79844
             |
        cons |   129.0985   2.019711    63.92   0.000     123.3403     134.8567
-------------+----------------------------------------------------------------
     sigma_u |  51.041371
     sigma_e |  7.6129008
         rho |  .97823793   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

723 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        275
                                                Average RVI       =     0.1611
                                                Largest FMI       =     0.0665
                                                Complete DF       =          5
DF adjustment:   Small sample                   DF:     min       =       3.73
                                                        avg       =       3.75
Within VCE type: Delta-method                           max       =       3.75

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2
```

```
4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8. at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19. at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22. at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   135.8489   2.985479    45.50   0.000     127.3223    144.3755
          2  |   130.5832   2.829546    46.15   0.000     122.5162    138.6502
          3  |   129.0985   2.019711    63.92   0.000     123.3403    134.8567
          4  |   128.1943   3.783447    33.88   0.000     117.4078    138.9809
          5  |    122.179   1.800878    67.84   0.000     117.0448    127.3133
          6  |   120.9082   3.025314    39.97   0.000     112.2831    129.5334
          7  |   118.5179   3.676409    32.24   0.000     108.0365    128.9993
          8  |   115.0263   3.784019    30.40   0.000     104.2381    125.8145
          9  |   110.9277   3.973755    27.92   0.000     99.59853    122.2568
         10  |   108.6165   4.967111    21.87   0.000     94.45537    122.7777
         11  |   108.5818    7.30665    14.86   0.000     87.75065     129.413
         12  |   135.9375   3.199928    42.48   0.000     126.8145    145.0604
         13  |   131.8847   2.980967    44.24   0.000     123.3859    140.3834
         14  |   129.0985   2.019711    63.92   0.000     123.3403    134.8567
         15  |   121.7205   2.018449    60.30   0.000     115.9659    127.4751
         16  |   119.3344   2.465105    48.41   0.000     112.3064    126.3624
         17  |   116.3815   3.124963    37.24   0.000     107.4723    125.2908
         18  |   113.5454   3.915818    29.00   0.000     102.3814    124.7093
         19  |   110.8926   4.733143    23.43   0.000     97.39842    124.3867
         20  |   107.9064   5.080658    21.24   0.000      93.4215    122.3913
         21  |   105.1036   5.504106    19.10   0.000     89.41143    120.7957
         22  |   102.5674   6.000175    17.09   0.000     85.46098    119.6739
------------------------------------------------------------------------------

724 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 6 revolutions and 19 matched cases

725 . * Successful urban civic vs. matched counterparts
```

```
726 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
> eight=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        880

Group variable: diffid                          Number of groups  =         80
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.6406
                                                Largest FMI       =     0.3550
                                                Complete DF       =         24
DF adjustment:   Small sample                   DF:     min       =      12.97
                                                        avg       =      20.40
                                                        max       =      22.22
Model F test:       Equal FMI                   F(  20,   18.8)   =       4.44
Within VCE type:       Robust                   Prob > F          =     0.0010

                                (Within VCE adjusted for 25 clusters in revid)
------------------------------------------------------------------------------
  e_peinfmor |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   3.336605   .6243609     5.34   0.000      1.98745    4.685761
          1  |     1.7645   .2097105     8.41   0.000     1.329839    2.199161
          3  |  -1.905833   .2215292    -8.60   0.000     -2.36499   -1.446675
          4  |  -3.460666   .4264286    -8.12   0.000    -4.344512    -2.57682
          5  |  -4.891043   .6426663    -7.61   0.000    -6.223477    -3.55861
          6  |  -6.222727   .8348635    -7.45   0.000    -7.953312   -4.492142
          7  |  -7.708345   1.011933    -7.62   0.000    -9.807585   -5.609104
          8  |  -9.066114   1.265619    -7.16   0.000    -11.70772   -6.424504
          9  |  -10.14423   1.495094    -6.79   0.000    -13.26042   -7.028048
         10  |  -11.42079   1.642785    -6.95   0.000    -14.84475   -7.996834
             |
  revny#year |
       1  0  |   .3753948   .7132948     0.53   0.606    -1.143667    1.894456
       1  1  |   .0434999   .2878695     0.15   0.881    -.5531589    .6401588
       1  3  |  -.1421681   .3400936    -0.42   0.680    -.8470704    .5627342
       1  4  |   .0126661   .6491577     0.02   0.985    -1.332825    1.358157
       1  5  |  -.4719202   .8406577    -0.56   0.580    -2.219803    1.275962
       1  6  |  -.6698648   1.049448    -0.64   0.530    -2.853086    1.513356
       1  7  |  -.6109684   1.358109    -0.45   0.658    -3.446574    2.224637
       1  8  |   -.692544   1.539836    -0.45   0.658    -3.903812    2.518724
       1  9  |  -1.089982   1.857551    -0.59   0.564    -4.981991    2.802026
       1 10  |  -1.253786   2.077788    -0.60   0.554    -5.621934    3.114361
             |
       _cons |   59.46158   .5869967   101.30   0.000     58.24493    60.67823
-------------+----------------------------------------------------------------
     sigma_u |  44.361368
     sigma_e |  4.2503269
         rho |  .99090367   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

727 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        880
                                                Average RVI       =   136.7897
                                                Largest FMI       =     0.2020
                                                Complete DF       =         24
DF adjustment:   Small sample                   DF:     min       =      17.11
                                                        avg       =      20.45
Within VCE type: Delta-method                           max       =      22.22

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9._at        : revny          =           0
               year           =           8
```

```
10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14. at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	62.79819	1.015437	61.84	0.000	60.67258	64.9238
2	61.22608	.7699644	79.52	0.000	59.6302	62.82197
3	59.46158	.5869967	101.30	0.000	58.24493	60.67823
4	57.55575	.4703892	122.36	0.000	56.58079	58.53071
5	56.00092	.3884811	144.15	0.000	55.19572	56.80611
6	54.57054	.4160822	131.15	0.000	53.70751	55.43357
7	53.23886	.5086061	104.68	0.000	52.18437	54.29334
8	51.75324	.6573143	78.73	0.000	50.38782	53.11865
9	50.39547	.9079293	55.51	0.000	48.48133	52.30961
10	49.31735	1.103093	44.71	0.000	47.00291	51.63179
11	48.04079	1.236216	38.86	0.000	45.44879	50.6328
12	63.17358	1.073981	58.82	0.000	60.94757	65.39959
13	61.26958	.7984906	76.73	0.000	59.61457	62.92459
14	59.46158	.5869967	101.30	0.000	58.24493	60.67823
15	57.41358	.4120166	139.35	0.000	56.55961	58.26756
16	56.01358	.5023979	111.49	0.000	54.97228	57.05489
17	54.09862	.4820257	112.23	0.000	53.09148	55.10576
18	52.56899	.680284	77.28	0.000	51.1449	53.99309
19	51.14227	.9487855	53.90	0.000	49.15039	53.13415
20	49.70293	1.13911	43.63	0.000	47.31329	52.09256
21	48.22737	1.395576	34.56	0.000	45.30957	51.14516
22	46.78701	1.682844	27.80	0.000	43.23833	50.33568

```
728 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 25 revolutions and 55 matched cases

729 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.3 percent of observations

730 . * Complete case sample as robustness check
731 . clear

732 . use matcheddiffindifflong.dta, clear

733 . xtreg e_peinfmor i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       320
    Group variable: diffid                          Number of groups   =        31

    R-sq:  within  = 0.6631                         Obs per group: min =         7
           between = 0.0000                                        avg =      10.3
           overall = 0.0310                                        max =        11

                                                    F(7,7)             =         .
    corr(u_i, Xb)  = -0.0093                        Prob > F           =         .
```

```
                                (Std. Err. adjusted for 8 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  e_peinfmor |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   6.747315   1.461176     4.62   0.002     3.292183    10.20245
          1  |      1.995   .9634078     2.07   0.077    -.2830975    4.273097
          3  |  -2.413864   3.006708    -0.80   0.448    -9.523598     4.69587
          4  |  -6.543069   3.102412    -2.11   0.073    -13.87911    .7929697
          5  |  -8.937713   3.725964    -2.40   0.048    -17.74822   -.1272083
          6  |  -11.29664   4.429452    -2.55   0.038    -21.77063   -.8226492
          7  |  -15.13593   4.612926    -3.28   0.013    -26.04376    -4.22809
          8  |  -19.39307   4.911458    -3.95   0.006    -31.00682   -7.779317
          9  |  -22.25378   5.520976    -4.03   0.005    -35.30882   -9.198749
         10  |  -23.41093   6.522871    -3.59   0.009    -38.83506   -7.986788
             |
  revny#year |
       1  0  |   .0916687   2.055264     0.04   0.966    -4.768258    4.951595
       1  1  |   .7911596   1.660682     0.48   0.648    -3.135729    4.718048
       1  3  |  -6.898254    4.56241    -1.51   0.174    -17.68664    3.890132
       1  4  |  -4.174843   5.048442    -0.83   0.436    -16.11251    7.762826
       1  5  |  -4.244818   5.889228    -0.72   0.494    -18.17063    9.680994
       1  6  |  -4.225507    6.85575    -0.62   0.557    -20.43678    11.98577
       1  7  |  -2.613341    7.24943    -0.36   0.729    -19.75552    14.52884
       1  8  |  -.8708193    7.32318    -0.12   0.909    -18.18739    16.44575
       1  9  |  -.4122229   8.130098    -0.05   0.961    -19.63685     18.8124
       1 10  |  -2.511364    9.79587    -0.26   0.805    -25.67492    20.65219
             |
       _cons |    127.984   2.37131    53.97   0.000     122.3767    133.5912
-------------+----------------------------------------------------------------
     sigma_u |  52.684193
     sigma_e |  7.2466331
         rho |  .98143171   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
734 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        320
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   134.7313   3.209699    41.98   0.000     128.4404    141.0222
       0  1  |    129.979    2.86054    45.44   0.000     124.3724    135.5855
       0  2  |    127.984    2.37131    53.97   0.000     123.3363    132.6317
       0  3  |   125.5701    2.80944    44.70   0.000     120.0637    131.0765
       0  4  |   121.4409   2.677271    45.36   0.000     116.1936    126.6883
       0  5  |   119.0463   3.127019    38.07   0.000     112.9174    125.1751
       0  6  |   116.6873   3.680033    31.71   0.000     109.4746    123.9001
       0  7  |   112.8481   3.626822    31.11   0.000     105.7396    119.9565
       0  8  |   108.5909   3.721577    29.18   0.000     101.2968    115.8851
       0  9  |   105.7302   4.320856    24.47   0.000     97.26148    114.1989
       0 10  |   104.5731    5.47176    19.11   0.000     93.84861    115.2975
       1  0  |    134.823   3.549888    37.98   0.000     127.8653    141.7806
       1  1  |   130.7701   3.352015    39.01   0.000     124.2003      137.34
       1  2  |    127.984    2.37131    53.97   0.000     123.3363    132.6317
       1  3  |   118.6719   2.624411    45.22   0.000     113.5281    123.8156
       1  4  |   117.2661   2.634004    44.52   0.000     112.1035    122.4286
       1  5  |   114.8015   2.885879    39.78   0.000     109.1452    120.4577
       1  6  |   112.4618   3.358175    33.49   0.000     105.8799    119.0437
       1  7  |   110.2347   3.952251    27.89   0.000     102.4884     117.981
       1  8  |   107.7201   4.265857    25.25   0.000     99.35917     116.081
       1  9  |    105.318   4.671162    22.55   0.000     96.16267    114.4733
       1 10  |   102.0617   5.285169    19.31   0.000     91.70296    112.4204
------------------------------------------------------------------------------
```

```
735 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 8 revolutions and 23 matched cases

736 . xtreg e_peinfmor i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       859
Group variable: diffid                          Number of groups   =        83

R-sq:  within  = 0.6356                         Obs per group: min =         5
       between = 0.0186                                        avg =      10.3
       overall = 0.0056                                        max =        11

                                                F(20,25)           =     55.49
corr(u_i, Xb)  = -0.0321                        Prob > F           =    0.0000
```

```
                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  e_peinfmor |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   3.073452   .4203254     7.31   0.000     2.207776    3.939128
          1  |   1.637852    .188005     8.71   0.000     1.250648    2.025055
          3  |  -1.783192   .2112319    -8.44   0.000    -2.218232   -1.348152
          4  |   -3.21775   .3959501    -8.13   0.000    -4.033225   -2.402276
          5  |  -4.404131   .5926971    -7.43   0.000    -5.624814   -3.183448
          6  |  -5.636334    .766273    -7.36   0.000    -7.214502   -4.058165
          7  |  -7.154602    .948472    -7.54   0.000    -9.108017   -5.201188
          8  |  -8.387295   1.124064    -7.46   0.000    -10.70235   -6.072241
          9  |  -10.18964   1.290852    -7.89   0.000     -12.8482   -7.531083
         10  |  -11.84927   1.410784    -8.40   0.000    -14.75484   -8.943711
             |
  revny#year |
       1  0  |   .6385481   .5491996     1.16   0.256    -.4925496    1.769646
       1  1  |   .1701485   .2798165     0.61   0.549    -.4061443    .7464413
       1  3  |  -.2648085   .3503246    -0.76   0.457    -.9863155    .4566986
       1  4  |  -.2302494   .6295813    -0.37   0.718    -1.526896    1.066397
       1  5  |  -1.091903   .8873049    -1.23   0.230    -2.919342    .7355355
       1  6  |  -1.405532    1.07283    -1.31   0.202    -3.615068    .8040027
       1  7  |  -1.788942     1.3613    -1.31   0.201    -4.592592    1.014709
       1  8  |   -2.00625    1.58358    -1.27   0.217    -5.267694    1.255194
       1  9  |  -1.734541   1.891718    -0.92   0.368    -5.630608    2.161526
       1 10  |  -2.333506   2.244024    -1.04   0.308     -6.95516    2.288147
             |
       _cons |   58.77011   .5190126   113.23   0.000     57.70118    59.83904
-------------+----------------------------------------------------------------
     sigma_u |  44.401144
     sigma_e |  3.9620504
         rho |  .99210036   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
737 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        859
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   61.84356   .8225668    75.18   0.000     60.23136    63.45576
       0  1  |   60.40796   .6721548    89.87   0.000     59.09056    61.72536
       0  2  |   58.77011   .5190126   113.23   0.000     57.75286    59.78736
       0  3  |   56.98692   .4363654   130.59   0.000     56.13166    57.84218
       0  4  |   55.55236   .3933298   141.24   0.000     54.78145    56.32327
       0  5  |   54.36598   .4602481   118.12   0.000     53.46391    55.26805
       0  6  |   53.13378   .5441725    97.64   0.000     52.06722    54.20034
       0  7  |   51.61551   .6684505    77.22   0.000     50.30537    52.92565
       0  8  |   50.38282   .8154212    61.79   0.000     48.78462    51.98101
       0  9  |   48.58047   .9623056    50.48   0.000     46.69438    50.46655
       0 10  |   46.92084   1.081518    43.38   0.000      44.8011    49.04057
       1  0  |   62.48211   1.025918    60.90   0.000     60.47135    64.49287
       1  1  |   60.57811   .7409968    81.75   0.000     59.12578    62.03044
       1  2  |   58.77011   .5190126   113.23   0.000     57.75286    59.78736
       1  3  |   56.72211   .3444066   164.70   0.000     56.04709    57.39713
       1  4  |   55.32211   .4358961   126.92   0.000     54.46777    56.17645
       1  5  |   53.27408   .4803663   110.90   0.000     52.33258    54.21558
       1  6  |   51.72824   .6746175    76.68   0.000     50.40602    53.05047
       1  7  |   49.82657   .9227589    54.00   0.000     48.01799    51.63514
       1  8  |   48.37657   1.167635    41.43   0.000     46.08804    50.66509
       1  9  |   46.84593    1.47876    31.68   0.000     43.94761    49.74424
       1 10  |   44.58733   1.804242    24.71   0.000     41.05108    48.12358
------------------------------------------------------------------------------

738 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 26 revolutions and 57 matched cases

739 .
740 . *==================================================
741 . * EFFECT OF REVOLUTION ON UNDER-FIVE CHILD MORTALITY
742 . *==================================================
743 . * Multiple imputation
744 . clear

745 . use matcheddiffindifflong.dta, clear

746 . global yvar = "under5mort"

747 . quietly: chp9matchmultimp
```

```
748 . * Successful social vs. matched counterparts
749 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
                                                    DF:     min       =       6.55
                                                            avg       =       6.55
    DF adjustment:   Small sample                           max       =       6.55
                                                    F(   8,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                    (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
  under5mort |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   12.59094    3.49128     3.61   0.010     4.217727    20.96416
          1  |   5.262052   1.891184     2.78   0.029     .7263807    9.797723
          3  |  -21.42378   11.08122    -1.93   0.097    -48.00014    5.152582
          4  |  -25.91322   11.31532    -2.29   0.058    -53.05102     1.22458
          5  |  -29.62581   11.83651    -2.50   0.043     -58.0136   -1.238017
          6  |  -33.29394   12.39545    -2.69   0.033    -63.02224   -3.565645
          7  |  -37.85436   12.74877    -2.97   0.023    -68.43004   -7.278675
          8  |  -43.48436   13.12215    -3.31   0.014    -74.95552    -12.0132
          9  |  -47.24158    13.7638    -3.43   0.012    -80.25162   -14.23155
         10  |  -48.71769   14.73958    -3.31   0.014    -84.06797   -13.36741
             |
  revny#year |
       1  0  |  -1.632944   4.924421    -0.33   0.751     -13.4433    10.17741
       1  1  |  -.5316066   2.845272    -0.19   0.857     -7.35549    6.292277
       1  3  |  -5.391107   7.866665    -0.69   0.517    -24.25791     13.4757
       1  4  |   -5.08511   8.205893    -0.62   0.556     -24.7655    14.59528
       1  5  |  -6.004973    8.96069    -0.67   0.526    -27.49561    15.48566
       1  6  |  -6.619501   9.863072    -0.67   0.525    -30.27434    17.03534
       1  7  |  -7.314754   10.62134    -0.69   0.515    -32.78815    18.15864
       1  8  |  -4.420415   10.41769    -0.42   0.685    -29.40542    20.56459
       1  9  |  -3.177196    10.9451    -0.29   0.781    -29.42709    23.07269
       1 10  |  -9.503312   14.02677    -0.68   0.521    -43.14403    24.13741
             |
        cons |   244.3619   8.212905    29.75   0.000     224.6647    264.0591
-------------+----------------------------------------------------------------
     sigma_u |  103.18434
     sigma_e |  18.861488
         rho |  .96766669   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

750 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        374
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
    DF adjustment:   Small sample                   DF:     min       =       6.55
                                                            avg       =       6.55
    Within VCE type: Delta-method                           max       =       6.55

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3

    5._at        : revny           =           0
                   year            =           4

    6._at        : revny           =           0
                   year            =           5

    7._at        : revny           =           0
                   year            =           6

    8._at        : revny           =           0
                   year            =           7
```

```
9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13. at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	256.9528	9.118969	28.18	0.000	235.0826	278.8231
2	249.624	8.622221	28.95	0.000	228.9451	270.3028
3	244.3619	8.212905	29.75	0.000	224.6647	264.0591
4	222.9381	5.06473	44.02	0.000	210.7913	235.085
5	218.4487	4.918237	44.42	0.000	206.6532	230.2442
6	214.7361	5.32837	40.30	0.000	201.9569	227.5152
7	211.068	5.848797	36.09	0.000	197.0407	225.0953
8	206.5075	6.116608	33.76	0.000	191.8379	221.1771
9	200.8775	6.564925	30.60	0.000	185.1327	216.6224
10	197.1203	7.364994	26.76	0.000	179.4567	214.784
11	195.6442	8.526872	22.94	0.000	175.194	216.0944
12	255.3199	8.403073	30.38	0.000	235.1666	275.4732
13	249.0923	8.390618	29.69	0.000	228.9689	269.2158
14	244.3619	8.212905	29.75	0.000	224.6647	264.0591
15	217.547	6.423907	33.87	0.000	202.1404	232.9536
16	213.3636	6.167982	34.59	0.000	198.5708	228.1564
17	208.7311	6.016947	34.69	0.000	194.3005	223.1617
18	204.4485	6.034171	33.88	0.000	189.9766	218.9204
19	199.1928	6.209368	32.08	0.000	184.3007	214.0849
20	196.4571	5.705362	34.43	0.000	182.7738	210.1404
21	193.9431	5.613507	34.55	0.000	180.4801	207.4061
22	186.1409	6.722631	27.69	0.000	170.0179	202.2639

```
751 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

752 . * Successful urban civic vs. matched counterparts
753 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        858

    Group variable: diffid                          Number of groups  =         78
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.3959
                                                    Largest FMI       =     0.1654
                                                    Complete DF       =         23
    DF adjustment:   Small sample                   DF:     min       =      17.39
                                                            avg       =      20.51
                                                            max       =      21.23
    Model F test:       Equal FMI                   F(  20,   19.2)   =       4.99
    Within VCE type:        Robust                  Prob > F          =     0.0004
```

(Within VCE adjusted for 24 clusters in revid)

under5mort	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	6.017866	.8410143	7.16	0.000	4.270038	7.765694
1	3.126413	.4269417	7.32	0.000	2.239127	4.0137
3	-3.072354	.3992141	-7.70	0.000	-3.902016	-2.242692
4	-5.582434	.7599059	-7.35	0.000	-7.161699	-4.003168
5	-7.928392	1.107406	-7.16	0.000	-10.22984	-5.626938
6	-10.11359	1.421347	-7.12	0.000	-13.06749	-7.159696
7	-12.11246	1.782089	-6.80	0.000	-15.82171	-8.4032
8	-14.41753	2.025634	-7.12	0.000	-18.63728	-10.19778
9	-16.27827	2.426577	-6.71	0.000	-21.3467	-11.20985
10	-18.80604	2.60825	-7.21	0.000	-24.24996	-13.36211
revny#year						
1 0	.9154665	.8193017	1.12	0.276	-.7872376	2.618171
1 1	.2027536	.4071926	0.50	0.624	-.6434896	1.048997
1 3	-.1943132	.4779217	-0.41	0.688	-1.187549	.798922
1 4	-.492567	.8560681	-0.58	0.571	-2.271681	1.286547
1 5	-.8466086	1.205915	-0.70	0.490	-3.352787	1.65957
1 6	-1.181324	1.514873	-0.78	0.444	-4.329591	1.966944
1 7	-1.511802	2.017482	-0.75	0.463	-5.736914	2.713309
1 8	-1.851457	2.226411	-0.83	0.415	-6.496313	2.7934
1 9	-2.084372	2.707752	-0.77	0.451	-7.774201	3.605456
1 10	-2.637155	3.151365	-0.84	0.414	-9.274584	4.000274
_cons	92.14267	1.015959	90.70	0.000	90.03126	94.25407
sigma_u	79.37189					
sigma_e	7.5787796					
rho	.9909651	(fraction of variance due to u_i)				

Note: sigma_u and sigma_e are combined in the original metric.

754 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates Imputations = 10
Adjusted predictions Number of obs = 858
Average RVI = 117.4000
Largest FMI = 0.1600
Complete DF = 23
DF adjustment: Small sample DF: min = 17.53
avg = 20.33
Within VCE type: Delta-method max = 21.23

Expression : Linear prediction, predict(xb)

1._at : revny = 0
year = 0

2._at : revny = 0
year = 1

3._at : revny = 0
year = 2

4._at : revny = 0
year = 3

5._at : revny = 0
year = 4

6._at : revny = 0
year = 5

7._at : revny = 0
year = 6

8._at : revny = 0
year = 7

9._at : revny = 0
year = 8

10._at : revny = 0
year = 9

11._at : revny = 0
year = 10

12._at : revny = 1
year = 0

13._at : revny = 1
year = 1

14._at : revny = 1
year = 2

15._at : revny = 1
year = 3

16._at : revny = 1
year = 4

```
17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

_at	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1	98.16053	1.781157	55.11	0.000	94.45887	101.8622
2	95.26908	1.373898	69.34	0.000	92.41379	98.12437
3	92.14267	1.015959	90.70	0.000	90.03126	94.25407
4	89.07031	.7571426	117.64	0.000	87.49679	90.64384
5	86.56023	.6058901	142.86	0.000	85.30105	87.81942
6	84.21428	.6475761	130.05	0.000	82.86846	85.56009
7	82.02908	.8042117	102.00	0.000	80.35773	83.70042
8	80.03021	1.100736	72.71	0.000	77.73233	82.32809
9	77.72514	1.300211	59.78	0.000	75.00489	80.44538
10	75.8644	1.681318	45.12	0.000	72.32534	79.40345
11	73.33663	1.851782	39.60	0.000	69.44939	77.22388
12	99.076	1.928876	51.36	0.000	95.06734	103.0847
13	95.47184	1.442912	66.17	0.000	92.47312	98.47055
14	92.14267	1.015959	90.70	0.000	90.03126	94.25407
15	88.876	.6604308	134.57	0.000	87.50347	90.24853
16	86.06767	.4842589	177.73	0.000	85.06126	87.07407
17	83.36767	.6233816	133.73	0.000	82.07213	84.6632
18	80.84775	.9251737	87.39	0.000	78.92502	82.77048
19	78.51841	1.512476	51.91	0.000	75.34447	81.69235
20	75.87368	1.777439	42.69	0.000	72.16037	79.58699
21	73.78002	2.285362	32.28	0.000	68.99516	78.56489
22	70.69948	2.678394	26.40	0.000	65.08676	76.3122

```
755 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 24 revolutions and 54 matched cases

756 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 3.2 percent of observations

757 . * Complete case sample as robustness check
758 . clear

759 . use matcheddiffindifflong.dta, clear

760 . xtreg under5mort i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       374
    Group variable: diffid                          Number of groups   =        34

    R-sq:  within  = 0.6060                         Obs per group: min =        11
           between = 0.0001                                        avg =      11.0
           overall = 0.0343                                        max =        11

                                                    F(8,8)             =         .
    corr(u_i, Xb)  = -0.0010                        Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
```

under5mort	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	12.59094	3.49128	3.61	0.007	4.540039	20.64185
1	5.262052	1.891184	2.78	0.024	.9009734	9.623131
3	-21.42378	11.08122	-1.93	0.089	-46.97713	4.129572
4	-25.91322	11.31532	-2.29	0.051	-52.0064	.1799583
5	-29.62581	11.83651	-2.50	0.037	-56.92086	-2.330756
6	-33.29394	12.39545	-2.69	0.028	-61.8779	-4.709983
7	-37.85436	12.74877	-2.97	0.018	-67.25309	-8.455632
8	-43.48436	13.12215	-3.31	0.011	-73.74409	-13.22463
9	-47.24158	13.7638	-3.43	0.009	-78.98095	-15.50221
10	-48.71769	14.73958	-3.31	0.011	-82.70722	-14.72816
revny#year						
1 0	-1.632944	4.924421	-0.33	0.749	-12.98868	9.722791
1 1	-.5316066	2.845272	-0.19	0.856	-7.092816	6.029603
1 3	-5.391107	7.866665	-0.69	0.513	-23.53167	12.74945
1 4	-5.08511	8.205893	-0.62	0.553	-24.00793	13.83771
1 5	-6.004973	8.96069	-0.67	0.522	-26.66836	14.65842
1 6	-6.619501	9.863072	-0.67	0.521	-29.36379	16.12478
1 7	-7.314754	10.62134	-0.69	0.510	-31.8076	17.17809
1 8	-4.420415	10.41769	-0.42	0.683	-28.44366	19.60283
1 9	-3.177196	10.9451	-0.29	0.779	-28.41664	22.06225
1 10	-9.503312	14.02677	-0.68	0.517	-41.84909	22.84247

```
       _cons |   244.3619   8.212905    29.75   0.000     225.4229    263.3009
-------------+----------------------------------------------------------------
     sigma_u |  103.18434
     sigma_e |  18.861488
         rho |  .96766669   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

761 . margins i.revny#ib(2).year, noestimcheck

```
Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   256.9528   9.118969    28.18   0.000       239.08    274.8257
       0  1  |    249.624   8.622221    28.95   0.000     232.7247    266.5232
       0  2  |   244.3619   8.212905    29.75   0.000     228.2649    260.4589
       0  3  |   222.9381    5.06473    44.02   0.000     213.0114    232.8648
       0  4  |   218.4487   4.918237    44.42   0.000     208.8091    228.0882
       0  5  |   214.7361    5.32837    40.30   0.000     204.2927    225.1795
       0  6  |    211.068   5.848797    36.09   0.000     199.6045    222.5314
       0  7  |   206.5075   6.116608    33.76   0.000     194.5192    218.4959
       0  8  |   200.8775   6.564925    30.60   0.000     188.0105    213.7446
       0  9  |   197.1203   7.364994    26.76   0.000     182.6852    211.5554
       0 10  |   195.6442   8.526872    22.94   0.000     178.9318    212.3566
       1  0  |   255.3199   8.403073    30.38   0.000     238.8502    271.7896
       1  1  |   249.0923   8.390618    29.69   0.000      232.647    265.5377
       1  2  |   244.3619   8.212905    29.75   0.000     228.2649    260.4589
       1  3  |    217.547   6.423907    33.87   0.000     204.9564    230.1376
       1  4  |   213.3636   6.167982    34.59   0.000     201.2745    225.4526
       1  5  |   208.7311   6.016947    34.69   0.000     196.9381    220.5241
       1  6  |   204.4485   6.034171    33.88   0.000     192.6217    216.2752
       1  7  |   199.1928   6.209368    32.08   0.000     187.0227    211.3629
       1  8  |   196.4571   5.705362    34.43   0.000     185.2748    207.6394
       1  9  |   193.9431   5.613507    34.55   0.000     182.9409    204.9454
       1 10  |   186.1409   6.722631    27.69   0.000     172.9648     199.317
------------------------------------------------------------------------------
```

762 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

763 . xtreg under5mort i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

```
Fixed-effects (within) regression               Number of obs      =       863
Group variable: diffid                          Number of groups   =        82

R-sq:  within  = 0.5878                         Obs per group: min =         7
       between = 0.0185                                        avg =      10.5
       overall = 0.0059                                        max =        11

                                                F(20,25)           =     43.18
corr(u_i, Xb)  = -0.0225                        Prob > F           =    0.0000

                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  under5mort |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   5.553574   .8065764     6.89   0.000     3.892399    7.214749
          1  |   2.886742   .4136948     6.98   0.000     2.034722    3.738762
          3  |  -2.833799   .3954492    -7.17   0.000    -3.648241   -2.019356
          4  |  -5.137352   .7436242    -6.91   0.000    -6.668875    -3.60583
          5  |    -7.2781   1.082076    -6.73   0.000    -9.506678   -5.049522
          6  |  -9.266033   1.387608    -6.68   0.000    -12.12387   -6.408201
          7  |  -11.38954    1.71148    -6.65   0.000     -14.9144   -7.864682
          8  |  -13.50349   1.966206    -6.87   0.000    -17.55297   -9.454016
          9  |  -16.23636   2.254078    -7.20   0.000    -20.87872     -11.594
         10  |  -18.96004   2.474434    -7.66   0.000    -24.05623   -13.86385
             |
  revny#year |
       1  0  |   1.379758   .8779569     1.57   0.129    -.4284277    3.187944
       1  1  |   .4424248    .433455     1.02   0.317    -.4502926    1.335142
       1  3  |  -.4328682   .4957197    -0.87   0.391    -1.453822    .5880856
       1  4  |  -.9376487   .8882988    -1.06   0.301    -2.767134    .8918369
       1  5  |  -1.496901   1.253572    -1.19   0.244    -4.078681     1.08488
       1  6  |  -2.028884   1.580126    -1.28   0.211    -5.283214    1.225447
       1  7  |  -2.698641   2.024731    -1.33   0.195    -6.868652     1.47137
       1  8  |  -3.176733   2.352945    -1.35   0.189    -8.022714    1.669248
       1  9  |  -3.061722   2.810838    -1.09   0.286    -8.850752    2.727308
       1 10  |  -4.263094   3.329754    -1.28   0.212    -11.12085    2.594663
             |
       _cons |   90.39106   .9057841    99.79   0.000     88.52556    92.25656
-------------+----------------------------------------------------------------
     sigma_u |  79.534226
     sigma_e |  7.2289138
         rho |  .99180658   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
764 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        863
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   95.94464   1.624596    59.06   0.000     92.76049    99.12878
       0  1  |    93.2778   1.241126    75.16   0.000     90.84524    95.71037
       0  2  |   90.39106   .9057841    99.79   0.000     88.61576    92.16637
       0  3  |   87.55726   .6762947   129.47   0.000     86.23175    88.88278
       0  4  |   85.25371   .5864358   145.38   0.000     84.10432     86.4031
       0  5  |   83.11296   .6816096   121.94   0.000     81.77703    84.44889
       0  6  |   81.12503   .8629492    94.01   0.000     79.43368    82.81638
       0  7  |   79.00152   1.103876    71.57   0.000     76.83796    81.16508
       0  8  |   76.88757   1.321293    58.19   0.000     74.29788    79.47725
       0  9  |    74.1547   1.608803    46.09   0.000      71.0015    77.30789
       0 10  |   71.43102   1.827458    39.09   0.000     67.84927    75.01277
       1  0  |   97.32439   1.798678    54.11   0.000     93.79905    100.8497
       1  1  |   93.72023   1.319531    71.03   0.000       91.134    96.30646
       1  2  |   90.39106   .9057841    99.79   0.000     88.61576    92.16637
       1  3  |   87.12439   .5800744   150.20   0.000     85.98747    88.26132
       1  4  |   84.31606   .4961498   169.94   0.000     83.34362     85.2885
       1  5  |   81.61606   .7108333   114.82   0.000     80.22285    83.00927
       1  6  |   79.09614   1.029064    76.86   0.000     77.07922    81.11307
       1  7  |   76.30288   1.463657    52.13   0.000     73.43417    79.17159
       1  8  |   73.71083   1.840857    40.04   0.000     70.10282    77.31885
       1  9  |   71.09298   2.302456    30.88   0.000     66.58024    75.60571
       1 10  |   67.16793   2.810169    23.90   0.000      61.6601    72.67576
------------------------------------------------------------------------------

765 . display "Regression contained " e(N_clust) " revolutions and " (e(N_g) - e(N_clust)) " matched cases"
    Regression contained 26 revolutions and 56 matched cases

766 .
767 . *=================================================================
768 . * EFFECT OF REVOLUTION ON INCOME INEQUALITY (GINI INDEX)--FIGURE 9.10
769 . *=================================================================
770 . * Multiple imputation
771 . clear

772 . use simplediffindifflong.dta, clear

773 . global yvar = "e_peginiwi"

774 . quietly: chp9simpmultimp

775 . * Successful urban civic vs. failed urban civic
776 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if leftist==0, fe vce(robust)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        484

    Group variable: revid                           Number of groups  =         44
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.2293
                                                    Largest FMI       =     0.0463
                                                    Complete DF       =         43
    DF adjustment:   Small sample                   DF:     min       =      39.09
                                                            avg       =      40.62
                                                            max       =      41.13
    Model F test:       Equal FMI                   F(  20,   39.7)   =       1.13
    Within VCE type:        Robust                  Prob > F          =     0.3622

                                  (Within VCE adjusted for 44 clusters in revid)
------------------------------------------------------------------------------
  e_peginiwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   1.331057   1.232914     1.08   0.287    -1.160395    3.822509
          1  |  -.4119752   .9711791    -0.42   0.674    -2.373122    1.549172
          3  |   .0179939   .3997475     0.05   0.964    -.7892347    .8252225
          4  |   2.057377   1.965341     1.05   0.301    -1.911328    6.026081
          5  |   .5909923   2.329062     0.25   0.801    -4.112192    5.294176
          6  |   .7424472   1.077766     0.69   0.495    -1.433936    2.918831
          7  |   .7084716   2.143913     0.33   0.743    -3.621799    5.038742
          8  |  -.0689955   2.356269    -0.03   0.977    -4.828791     4.6908
          9  |  -.1505639   2.385794    -0.06   0.950    -4.970719    4.669591
         10  |  -.3979322   2.384016    -0.17   0.868    -5.216495     4.42063
             |
success#year |
       1  0  |  -2.403695   1.400754    -1.72   0.094    -5.233431    .4260406
       1  1  |  -.3824271   1.226431    -0.31   0.757    -2.859804     2.09495
       1  3  |  -.1634051   .6465079    -0.25   0.802    -1.468929    1.142118
       1  4  |  -1.381981   2.286417    -0.60   0.549    -5.999049    3.235088
       1  5  |   1.083288   2.701507     0.40   0.691     -4.37199    6.538566
       1  6  |   .6558502   1.673104     0.39   0.697    -2.722726    4.034426
       1  7  |   .6956248   2.707596     0.26   0.799    -4.774636    6.165886
```

```
       1  8  |   1.704694   2.823569     0.60   0.549    -4.003917    7.413305
       1  9  |   1.902209   2.776058     0.69   0.497    -3.711978    7.516397
       1 10  |   2.100329   2.754159     0.76   0.450    -3.470083     7.67074
             |
        cons |    37.6731   .7699535    48.93   0.000      36.1183    39.22791
-------------+------------------------------------------------------------------
     sigma_u |  7.5599298
     sigma_e |  4.2989306
         rho |  .75565268   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

777 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        484
                                                Average RVI       =     1.0256
                                                Largest FMI       =     0.1301
                                                Complete DF       =         43
DF adjustment:   Small sample                   DF:     min       =      34.17
                                                        avg       =      39.84
Within VCE type: Delta-method                           max       =      41.13

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5. at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16. at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19. at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

```
------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   39.00416   1.013485    38.49   0.000     36.95532      41.053
          2  |   37.26113   1.017159    36.63   0.000     35.20713    39.31512
          3  |    37.6731   .7699535    48.93   0.000      36.1183    39.22791
          4  |    37.6911   .8085962    46.61   0.000     36.05826    39.32393
          5  |   39.73048    1.51798    26.17   0.000     36.66515    42.79581
          6  |   38.26409   1.833678    20.87   0.000     34.56126    41.96692
          7  |   38.41555   .8071651    47.59   0.000      36.7856     40.0455
          8  |   38.38157   1.660774    23.11   0.000     35.02661    41.73653
          9  |   37.60411   1.859163    20.23   0.000     33.84762     41.3606
         10  |   37.52254   1.892776    19.82   0.000     33.69719    41.34789
         11  |   37.27517   1.891542    19.71   0.000     33.44951    41.10083
         12  |   36.60046   .9859298    37.12   0.000     34.60866    38.59227
         13  |    36.8787    .969004    38.06   0.000     34.92092    38.83648
         14  |    37.6731   .7699535    48.93   0.000      36.1183    39.22791
         15  |   37.52769   .6914688    54.27   0.000     36.13138    38.92401
         16  |    38.3485   .9543126    40.18   0.000     36.42141    40.27559
         17  |   39.34738   1.098511    35.82   0.000     37.12911    41.56566
         18  |    39.0714    1.02536    38.11   0.000     37.00084    41.14196
         19  |    39.0772   1.358544    28.76   0.000     36.32686    41.82754
         20  |    39.3088    1.24227    31.64   0.000     36.78855    41.82905
         21  |   39.42475   1.142878    34.50   0.000     37.10257    41.74692
         22  |    39.3755   1.116844    35.26   0.000     37.10945    41.64155
------------------------------------------------------------------------------

778 . * Results loaded into MS Excel and graphed
779 . mi xeq 1: tab success if e(N_mi) & year==2 & leftist==0

m=1 data:
-> tab success if e(N_mi) & year==2 & leftist==0

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         18       40.91       40.91
          1 |         26       59.09      100.00
------------+-----------------------------------
      Total |         44      100.00

780 . * Successful social vs. failed social
781 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if leftist==1, fe vce(robust)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        253

Group variable: revid                           Number of groups  =         23
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2528
                                                Largest FMI       =     0.5811
                                                Complete DF       =         22
                                                DF:     min       =       7.46
                                                        avg       =      19.32
DF adjustment:   Small sample                           max       =      20.24
                                                F(  17,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                 (Within VCE adjusted for 23 clusters in revid)
------------------------------------------------------------------------------
  e_peginiwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   1.835869   .9383065     1.96   0.064    -.1199173    3.791655
          1  |   .2146789   .8810462     0.24   0.810    -1.621755    2.051113
          3  |   1.350234   1.240978     1.09   0.289    -1.236433    3.936902
          4  |   .4461477   1.445317     0.31   0.761    -2.566441    3.458736
          5  |   .8197397   1.478382     0.55   0.585    -2.261768    3.901247
          6  |   1.669934   1.444058     1.16   0.261    -1.340031    4.679899
          7  |   .9020892   1.504749     0.60   0.555    -2.234379    4.038557
          8  |   1.127479   1.607988     0.70   0.491    -2.224178    4.479137
          9  |   1.013065   1.718555     0.59   0.562    -2.569055    4.595185
         10  |   1.324926   1.799596     0.74   0.470    -2.426114    5.075965
             |
success#year |
       1  0  |  -.8660429   1.910504    -0.45   0.657    -4.969255    3.237169
       1  1  |  -.3123384   1.922964    -0.16   0.875    -4.803673    4.178996
       1  3  |  -1.513242   2.088932    -0.72   0.477    -5.867367    2.840883
       1  4  |  -1.092959   2.317777    -0.47   0.642    -5.924084    3.738165
       1  5  |  -1.627023   2.666072    -0.61   0.548    -7.184126    3.930081
       1  6  |  -4.017688   2.235947    -1.80   0.087    -8.678249    .6428733
       1  7  |  -2.782889    2.72629    -1.02   0.319    -8.465511    2.899732
       1  8  |  -3.407993   2.728145    -1.25   0.226     -9.09448    2.278495
       1  9  |   -3.49734   2.884625    -1.21   0.239    -9.509993    2.515312
       1 10  |  -3.375819   2.997477    -1.13   0.273    -9.623697    2.872059
             |
        _cons |   45.06075   .8787468    51.28   0.000     43.22911    46.89239
-------------+----------------------------------------------------------------
     sigma_u |  6.6224442
     sigma_e |  3.4415105
         rho |  .78736387   (fraction of variance due to u_i)
```

Note: sigma_u and sigma_e are combined in the original metric.

```
782 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        253
                                                Average RVI       =     1.5261
                                                Largest FMI       =     0.5510
                                                Complete DF       =         22
DF adjustment:   Small sample                   DF:     min       =       8.00
                                                        avg       =      19.43
Within VCE type: Delta-method                           max       =      20.24

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8. at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19. at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22. at       : success         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   46.89662   .9805849    47.83   0.000     44.85271    48.94053
          2  |   45.27543   .9772178    46.33   0.000     43.23854    47.31232
          3  |   45.06075   .8787468    51.28   0.000     43.22911    46.89239
          4  |   46.41099   .6716507    69.10   0.000     45.01101    47.81096
          5  |    45.5069   .9129586    49.85   0.000     43.60395    47.40985
          6  |   45.88049   .8493385    54.02   0.000     44.11015    47.65083
          7  |   46.73069   .8441252    55.36   0.000     44.97121    48.49016
          8  |   45.96284   1.051621    43.71   0.000     43.77086    48.15482
          9  |   46.18823   .9095003    50.78   0.000     44.29249    48.08397
         10  |   46.07382    1.06931    43.09   0.000     43.84497    48.30266
         11  |   46.38568   1.160912    39.96   0.000      43.9659    48.80546
         12  |   46.03058   2.058316    22.36   0.000     41.63658    50.42457
         13  |   44.96309    1.97738    22.74   0.000     40.40278    49.52341
         14  |   45.06075   .8787468    51.28   0.000     43.22911    46.89239
         15  |   44.89774   1.563944    28.71   0.000     41.63789     48.1576
```

```
          16  |   44.41394   1.671914    26.56   0.000     40.92904    47.89884
          17  |   44.25347   2.037904    21.72   0.000      40.0057    48.50123
          18  |     42.713   1.589911    26.87   0.000     39.39902    46.02698
          19  |   43.17995   2.084191    20.72   0.000     38.83571     47.5242
          20  |   42.78024   2.021192    21.17   0.000     38.56731    46.99317
          21  |   42.57648   2.125272    20.03   0.000      38.1466    47.00635
          22  |   43.00986   2.220921    19.37   0.000     38.38062     47.6391
------------------------------------------------------------------------------

783 . * Results loaded into MS Excel and graphed
784 . mi xeq 1: tab success if e(N_mi) & year==2 & leftist==1

m=1 data:
-> tab success if e(N_mi) & year==2 & leftist==1

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         17       73.91       73.91
          1 |          6       26.09      100.00
------------+-----------------------------------
      Total |         23      100.00

785 . * Urban civic, excluding cases of postcommunist transitions
786 . mi estimate, post dots saving(miest, replace): xtreg e_peginiwi i.success##ib(2).year if leftist==0 & incgovcomm
> unist==0, fe vce(robust)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        451

Group variable: revid                           Number of groups  =         41
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2412
                                                Largest FMI       =     0.0338
                                                Complete DF       =         40
DF adjustment:   Small sample                   DF:     min       =      36.86
                                                        avg       =      37.74
                                                        max       =      38.14
Model F test:       Equal FMI                   F(  20,   36.7)   =       1.42
Within VCE type:       Robust                   Prob > F          =     0.1731

                                 (Within VCE adjusted for 41 clusters in revid)
------------------------------------------------------------------------------
  e_peginiwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |    1.77406   1.220379     1.45   0.154    -.6983618    4.246482
          1  |   -.118562   .9822444    -0.12   0.905    -2.106773    1.869649
          3  |   .2308171   .3585847     0.64   0.524    -.4950125    .9566467
          4  |   2.190164   2.081223     1.05   0.299    -2.022547    6.402874
          5  |   .5904624   2.472085     0.24   0.812    -4.413412    5.594337
          6  |     .70965   1.143416     0.62   0.539    -1.604796    3.024096
          7  |   .6383818   2.274278     0.28   0.780    -3.966205    5.242968
          8  |   -.155407   2.499161    -0.06   0.951    -5.215994     4.90518
          9  |  -.2800089   2.528392    -0.11   0.912    -5.400604    4.840586
         10  |  -.3619282   2.529865    -0.14   0.887    -5.487762    4.763906
             |
success#year |
       1  0  |  -2.977752   1.414628    -2.10   0.042    -5.842541   -.1129628
       1  1  |  -.7087071   1.274051    -0.56   0.581    -3.288544    1.871129
       1  3  |  -.3758458   .6572166    -0.57   0.571    -1.706151    .9544598
       1  4  |  -1.639735   2.432512    -0.67   0.504    -6.563506    3.284037
       1  5  |    .764591   2.867642     0.27   0.791    -5.039949    6.569131
       1  6  |   .4260055   1.780608     0.24   0.812    -3.178214    4.030225
       1  7  |   .3156592   2.870135     0.11   0.913     -5.49697    6.128288
       1  8  |   1.075623   2.914563     0.37   0.714    -4.828155    6.979401
       1  9  |   1.662011   2.920139     0.57   0.573    -4.255081    7.579103
       1 10  |   1.452779   2.854675     0.51   0.614    -4.332105    7.237664
             |
       _cons |   38.68577   .8148436    47.48   0.000      37.0364    40.33513
-------------+----------------------------------------------------------------
     sigma_u |  7.0053499
     sigma_e |  4.3325608
         rho |  .72332812   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

787 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        451
                                                Average RVI       =     0.9503
                                                Largest FMI       =     0.0850
                                                Complete DF       =         40
DF adjustment:   Small sample                   DF:     min       =      34.34
                                                        avg       =      37.30
Within VCE type: Delta-method                           max       =      38.14

Expression   : Linear prediction, predict(xb)
```

```
1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5. at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16. at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19. at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

_at	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1	40.45983	.971504	41.65	0.000	38.49042	42.42923
2	38.56721	1.037454	37.17	0.000	36.46724	40.66717
3	38.68577	.8148436	47.48	0.000	37.0364	40.33513
4	38.91659	.8332438	46.70	0.000	37.22997	40.6032
5	40.87593	1.596329	25.61	0.000	37.64472	44.10714
6	39.27623	1.934822	20.30	0.000	35.35986	43.1926
7	39.39542	.8424876	46.76	0.000	37.6901	41.10074
8	39.32415	1.74805	22.50	0.000	35.78436	42.86394
9	38.53036	1.958117	19.68	0.000	34.56432	42.49641
10	38.40576	1.990572	19.29	0.000	34.37289	42.43863
11	38.32384	1.996376	19.20	0.000	34.27606	42.37162
12	37.48208	1.061745	35.30	0.000	35.33192	39.63223
13	37.8585	1.03459	36.59	0.000	35.76311	39.95389
14	38.68577	.8148436	47.48	0.000	37.0364	40.33513
15	38.54074	.7257054	53.11	0.000	37.0718	40.00968
16	39.2362	1.033321	37.97	0.000	37.1446	41.32779
17	40.04082	1.180258	33.93	0.000	37.6518	42.42984
18	39.82142	1.10609	36.00	0.000	37.58253	42.06032
19	39.63981	1.44378	27.46	0.000	36.71081	42.56881
20	39.60598	1.193264	33.19	0.000	37.18556	42.0264
21	40.06777	1.180636	33.94	0.000	37.67153	42.46401
22	39.77662	1.094737	36.33	0.000	37.55266	42.00058

```
788 . mi xeq 1: tab success if e(N_mi) & year==2 & leftist==0 & incgovcommunist==0

m=1 data:
-> tab success if e(N_mi) & year==2 & leftist==0 & incgovcommunist==0

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         17       41.46       41.46
          1 |         24       58.54      100.00
------------+-----------------------------------
      Total |         41      100.00

789 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 4.5 percent of observations

790 . * Complete case sample as robustness check
791 . clear

792 . use simplediffindifflong.dta, clear

793 . xtreg e_peginiwi i.success##ib(2).year if leftist==0, fe vce(robust)
note: 1.success omitted because of collinearity

Fixed-effects (within) regression               Number of obs     =        466
Group variable: revid                           Number of groups  =         47

R-sq:                                           Obs per group:
     within  = 0.0490                                         min =          3
     between = 0.1053                                         avg =        9.9
     overall = 0.0356                                         max =         11

                                                F(20,46)          =       2.35
corr(u_i, Xb)  = 0.0915                         Prob > F          =     0.0084

                                (Std. Err. adjusted for 47 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  e_peginiwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   1.233535   1.217478     1.01   0.316     -1.21712     3.68419
          1  |  -.4119752   .9712715    -0.42   0.673    -2.367043    1.543093
          3  |   .0179939   .3997855     0.05   0.964    -.7867325    .8227204
          4  |   2.057377   1.965528     1.05   0.301    -1.899026     6.01378
          5  |   .5909923   2.329284     0.25   0.801    -4.097613    5.279598
          6  |   .7424472   1.077869     0.69   0.494     -1.42719    2.912085
          7  |   .7461454   2.201563     0.34   0.736     -3.68537    5.177661
          8  |   .0677697    2.51382     0.03   0.979    -4.992288    5.127827
          9  |  -.3297092   2.532931    -0.13   0.897    -5.428235    4.768817
         10  |   -.721341   2.652586    -0.27   0.787    -6.060721    4.618039
             |
success#year |
       1  0  |  -1.778751   1.479639    -1.20   0.235     -4.75711    1.199609
       1  1  |  -.5432773   1.238554    -0.44   0.663    -3.036357    1.949803
       1  3  |  -.1634051   .6465694    -0.25   0.802    -1.464882    1.138072
       1  4  |  -1.381981   2.286635    -0.60   0.549    -5.984738    3.220776
       1  5  |   1.083288   2.701764     0.40   0.690     -4.35508    6.521656
       1  6  |   .7829774   1.677656     0.47   0.643    -2.593968    4.159923
       1  7  |   .7845903   2.784269     0.28   0.779    -4.819853    6.389033
       1  8  |   1.466932   2.961107     0.50   0.623    -4.493468    7.427332
       1  9  |   2.240055   2.903615     0.77   0.444    -3.604619    8.084728
       1 10  |   2.673788   2.989662     0.89   0.376    -3.344089    8.691666
             |
       _cons |   37.91106   .7943694    47.72   0.000     36.31207    39.51004
-------------+----------------------------------------------------------------
     sigma_u |  7.9759074
     sigma_e |  4.2772956
         rho |  .77664293   (fraction of variance due to u_i)
------------------------------------------------------------------------------

794 . margins success#year, noestimcheck

Adjusted predictions                            Number of obs     =        466
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |   39.14459   1.019968    38.38   0.000     37.14549    41.14369
       0  1  |   37.49908   1.030586    36.39   0.000     35.47917    39.51899
       0  2  |   37.91106   .7943694    47.72   0.000     36.35412    39.46799
       0  3  |   37.92905   .8312337    45.63   0.000     36.29986    39.55824
       0  4  |   39.96843   1.512529    26.42   0.000     37.00393    42.93294
       0  5  |   38.50205   1.825476    21.09   0.000     34.92418    42.07992
       0  6  |    38.6535   .8136553    47.51   0.000     37.05877    40.24824
       0  7  |    38.6572    1.70529    22.67   0.000      35.3149    41.99951
       0  8  |   37.97883   2.000046    18.99   0.000     34.05881    41.89885
       0  9  |   37.58135    2.01952    18.61   0.000     33.62316    41.53953
       0 10  |   37.18972   2.130012    17.46   0.000     33.01497    41.36446
       1  0  |   37.36584   .9819331    38.05   0.000     35.44129    39.29039
       1  1  |    36.9558   1.012104    36.51   0.000     34.97212    38.93949
       1  2  |   37.91106   .7943694    47.72   0.000     36.35412    39.46799
       1  3  |   37.76565   .7061918    53.48   0.000     36.38154    39.14976
```

```
       1  4  |   38.58645   .9546232    40.42   0.000     36.71543    40.45748
       1  5  |   39.58534   1.089772    36.32   0.000     37.44942    41.72125
       1  6  |   39.43648    1.01895    38.70   0.000     37.43938    41.43359
       1  7  |   39.44179   1.365806    28.88   0.000     36.76486    42.11872
       1  8  |   39.44576   1.240766    31.79   0.000      37.0139    41.87762
       1  9  |    39.8214   1.136236    35.05   0.000     37.59442    42.04838
       1 10  |    39.8635   1.138661    35.01   0.000     37.63177    42.09524
-------------------------------------------------------------------------------

795 . tab success if e(N) & year==2 & leftist==0

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         21       42.00       42.00
          1 |         29       58.00      100.00
------------+-----------------------------------
      Total |         50      100.00

796 . xtreg e peginiwi i.success##ib(2).year if leftist==1, fe vce(robust)
note: 1.success omitted because of collinearity

Fixed-effects (within) regression               Number of obs     =        284
Group variable: revid                           Number of groups  =         29

R-sq:                                           Obs per group:
     within  = 0.0687                                         min =          4
     between = 0.0281                                         avg =        9.8
     overall = 0.0003                                         max =         11

                                                F(16,28)          =          .
corr(u_i, Xb)  = -0.1927                        Prob > F          =          .

                                (Std. Err. adjusted for 29 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  e peginiwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   1.835869   .9295467     1.98   0.058    -.0682211    3.739959
          1  |   .2146789    .872821     0.25   0.808    -1.573214    2.002572
          3  |   1.289256   1.238874     1.04   0.307    -1.248463    3.826974
          4  |   .4990495   1.411785     0.35   0.726    -2.392861     3.39096
          5  |   1.411639   1.514536     0.93   0.359    -1.690748    4.514026
          6  |    1.47842   1.411212     1.05   0.304    -1.412316    4.369156
          7  |   .7204604   1.469123     0.49   0.628    -2.288902    3.729822
          8  |   .9601448   1.561999     0.61   0.544    -2.239466    4.159755
          9  |   .9872534   1.648909     0.60   0.554    -2.390384    4.364891
         10  |   1.307392   1.693812     0.77   0.447    -2.162223    4.777008
             |
success#year |
       1  0  |   .5763868   2.732221     0.21   0.834    -5.020314    6.173087
       1  1  |   1.038252   1.876342     0.55   0.584    -2.805261    4.881765
       1  3  |  -1.452263   2.075077    -0.70   0.490    -5.702866    2.798339
       1  4  |  -1.145861   2.283696    -0.50   0.620    -5.823801    3.532078
       1  5  |  -2.218922   2.669207    -0.83   0.413    -7.686545    3.248702
       1  6  |  -3.826173   2.202616    -1.74   0.093    -8.338027    .6856802
       1  7  |   -2.22141   2.711635    -0.82   0.420    -7.775942    3.333122
       1  8  |  -3.063446   2.696253    -1.14   0.266     -8.58647    2.459578
       1  9  |  -3.567805   2.821245    -1.26   0.216    -9.346864    2.211254
       1 10  |  -3.819071   2.928337    -1.30   0.203    -9.817498    2.179356
             |
       _cons |   45.00817   .9447736    47.64   0.000     43.07289    46.94345
-------------+----------------------------------------------------------------
     sigma_u |  7.1041567
     sigma_e |  3.2243749
         rho |   .8291878   (fraction of variance due to u_i)
------------------------------------------------------------------------------

797 . margins success#year, noestimcheck

Adjusted predictions                            Number of obs     =        284
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |   46.84403    1.02219    45.83   0.000     44.84058    48.84749
       0  1  |   45.22284   1.026141    44.07   0.000     43.21165    47.23404
       0  2  |   45.00817   .9447736    47.64   0.000     43.15644    46.85989
       0  3  |   46.29742   .6366657    72.72   0.000     45.04958    47.54526
       0  4  |   45.50722   .8408595    54.12   0.000     43.85916    47.15527
       0  5  |   46.41981   .8905031    52.13   0.000     44.67445    48.16516
       0  6  |   46.48659   .7576744    61.35   0.000     45.00157     47.9716
       0  7  |   45.72863   .9368377    48.81   0.000     43.89246    47.56479
       0  8  |   45.96831   .8235085    55.82   0.000     44.35426    47.58236
       0  9  |   45.99542   .9565115    48.09   0.000     44.12069    47.87015
       0 10  |   46.31556   .9965397    46.48   0.000     44.36238    48.26874
       1  0  |   47.42042   2.719916    17.43   0.000     42.08948    52.75136
       1  1  |    46.2611   1.759504    26.29   0.000     42.81253    49.70966
       1  2  |   45.00817   .9447736    47.64   0.000     43.15644    46.85989
       1  3  |   44.84516   1.553732    28.86   0.000      41.7999    47.89042
       1  4  |   44.36135   1.660582    26.71   0.000     41.10667    47.61603
       1  5  |   44.20088   2.014994    21.94   0.000     40.25157     48.1502
```

```
       1  6  |   42.66041   1.600025    26.66   0.000     39.52442     45.7964
       1  7  |   43.50722   2.096111    20.76   0.000     39.39892    47.61552
       1  8  |   42.90486   2.022212    21.22   0.000      38.9414    46.86833
       1  9  |   42.42761   2.105015    20.16   0.000     38.30186    46.55337
       1 10  |   42.49649   2.227562    19.08   0.000     38.13054    46.86243
------------------------------------------------------------------------------

798 . tab success if e(N) & year==2 & leftist==1

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         40       74.07       74.07
          1 |         14       25.93      100.00
------------+-----------------------------------
      Total |         54      100.00

799 . * Urban civic, excluding cases of postcommunist transitions
800 . xtreg e_peginiwi i.success##ib(2).year if leftist==0 & incgovcommunist==0, fe vce(robust)
note: 1.success omitted because of collinearity

Fixed-effects (within) regression               Number of obs     =         431
Group variable: revid                           Number of groups  =          42

R-sq:                                           Obs per group:
     within  = 0.0405                                         min =           5
     between = 0.2328                                         avg =        10.3
     overall = 0.0252                                         max =          11

                                                F(20,41)          =        2.98
corr(u_i, Xb)  = 0.0664                         Prob > F          =      0.0015

                                (Std. Err. adjusted for 42 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  e_peginiwi |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   1.696598   1.193042     1.42   0.163    -.7127982    4.105994
          1  |   -.118562   .9830161    -0.12   0.905    -2.103803    1.866679
          3  |   .2308171   .3588664     0.64   0.524    -.4939284    .9555626
          4  |   2.190164   2.082858     1.05   0.299    -2.016254    6.396581
          5  |   .5904624   2.474028     0.24   0.813    -4.405938    5.586862
          6  |     .70965   1.144314     0.62   0.539    -1.601339    3.020639
          7  |    .664487    2.34193     0.28   0.778    -4.065137    5.394111
          8  |  -.1864148   2.672957    -0.07   0.945    -5.584561    5.211731
          9  |  -.4502243   2.694652    -0.17   0.868    -5.892185    4.991736
         10  |  -.6254541   2.849688    -0.22   0.827    -6.380516    5.129608
             |
success#year |
       1  0  |  -2.310912   1.506367    -1.53   0.133    -5.353081    .7312568
       1  1  |  -.8720044   1.288333    -0.68   0.502    -3.473846    1.729837
       1  3  |  -.3758458   .6577329    -0.57   0.571    -1.704164    .9524728
       1  4  |  -1.639735   2.434423    -0.67   0.504    -6.556152    3.276683
       1  5  |   .764591   2.869895     0.27   0.791    -5.031279    6.560461
       1  6  |   .5558825   1.784433     0.31   0.757    -3.047853    4.159618
       1  7  |    .518134   2.938111     0.18   0.861    -5.415501    6.451769
       1  8  |   1.062835   3.077679     0.35   0.732    -5.152663    7.278334
       1  9  |   2.024771   3.073724     0.66   0.514    -4.182741    8.232284
       1 10  |   1.939236   3.135482     0.62   0.540    -4.392998     8.27147
             |
       _cons |   38.94861   .8315003    46.84   0.000     37.26936    40.62786
-------------+----------------------------------------------------------------
     sigma_u |  7.3592212
     sigma_e |  4.3278804
         rho |  .74302529   (fraction of variance due to u_i)
------------------------------------------------------------------------------

801 . margins success#year, noestimcheck

Adjusted predictions                            Number of obs     =         431
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |   40.64521   .9724625    41.80   0.000     38.73922     42.5512
       0  1  |   38.83005    1.05052    36.96   0.000     36.77107    40.88903
       0  2  |   38.94861   .8315003    46.84   0.000      37.3189    40.57832
       0  3  |   39.17943   .8491354    46.14   0.000     37.51515     40.8437
       0  4  |   41.13877    1.60309    25.66   0.000     37.99678    44.28077
       0  5  |   39.53907    1.94123    20.37   0.000     35.73433    43.34381
       0  6  |   39.65826   .8568465    46.28   0.000     37.97887    41.33765
       0  7  |    39.6131   1.814603    21.83   0.000     36.05654    43.16965
       0  8  |   38.76219   2.126276    18.23   0.000     34.59477    42.92962
       0  9  |   38.49839   2.147854    17.92   0.000     34.28867     42.7081
       0 10  |   38.32316   2.296229    16.69   0.000     33.82263    42.82368
       1  0  |    38.3343   1.051368    36.46   0.000     36.27365    40.39494
       1  1  |   37.95804   1.075064    35.31   0.000     35.85096    40.06513
       1  2  |   38.94861   .8315003    46.84   0.000      37.3189    40.57832
       1  3  |   38.80358   .7280473    53.30   0.000     37.37663    40.23053
       1  4  |   39.49904   1.025186    38.53   0.000     37.48971    41.50837
       1  5  |   40.30366   1.162886    34.66   0.000     38.02445    42.58288
       1  6  |   40.21414   1.088922    36.93   0.000      38.0799    42.34839
```

```
       1  7  |   40.13123   1.423864    28.18   0.000     37.34051    42.92195
       1  8  |   39.82503   1.201237    33.15   0.000     37.47065    42.17941
       1  9  |   40.52316   1.190578    34.04   0.000     38.18967    42.85665
       1 10  |   40.26239   1.091066    36.90   0.000     38.12394    42.40084
------------------------------------------------------------------------------

802 . tab success if e(N) & year==2 & leftist==0 & incgovcommunist==0

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         19       43.18       43.18
          1 |         25       56.82      100.00
------------+-----------------------------------
      Total |         44      100.00

803 .
804 . *=========================================================
805 . * EFFECT OF REVOLUTION ON STATE/PRIVATE PROPERTY OWNERSHIP
806 . *=========================================================
807 . *  Effect of revolution on state/private property ownership
808 . * Multiple imputation
809 . clear

810 . use simplediffindifflong.dta, clear

811 . global yvar = "vdstown_ord"

812 . quietly: chp9simpmultimp

813 . * Successful urban civic vs. failed urban civic
814 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if leftist==0, fe vce(robust)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        550

Group variable: revid                           Number of groups  =         50
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2073
                                                Largest FMI       =     0.0358
                                                Complete DF       =         49
                                                DF:     min       =      45.32
                                                        avg       =      46.69
DF adjustment:   Small sample                   max               =      47.12
                                                F(   8,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                (Within VCE adjusted for 50 clusters in revid)
------------------------------------------------------------------------------
 vdstown_ord |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   1.75e-15   6.80e-09     0.00   1.000    -1.37e-08    1.37e-08
          1  |   1.70e-15   5.66e-09     0.00   1.000    -1.14e-08    1.14e-08
          3  |    .047619   .0478224     1.00   0.324     -.048581    .1438191
          4  |   .1428571   .1047736     1.36   0.179    -.0679066    .3536209
          5  |   .1904762   .1642753     1.16   0.252    -.1399818    .5209342
          6  |   .2380952   .1821023     1.31   0.197    -.1282236    .6044141
          7  |   .1923408   .1787067     1.08   0.287    -.1672094     .551891
          8  |      .2385    .171566     1.39   0.171    -.1068309    .5838308
          9  |    .302771   .1741626     1.74   0.089    -.0478465    .6533885
         10  |   .3110408   .1730556     1.80   0.079    -.0374429    .6595244
             |
success#year |
       1  0  |  -.0344828    .034868    -0.99   0.328    -.1046236    .0356581
       1  1  |  -.0344828    .034868    -0.99   0.328    -.1046236    .0356581
       1  3  |    .228243   .1401972     1.63   0.110    -.0537791    .5102652
       1  4  |   .3054187   .1805575     1.69   0.097    -.0577926    .6686301
       1  5  |   .3038732   .2283705     1.33   0.190    -.1555662    .7633126
       1  6  |   .3031675   .2583214     1.17   0.246     -.216514    .8228491
       1  7  |   .3767163   .2498637     1.51   0.138     -.126137    .8795697
       1  8  |   .3270946   .2532402     1.29   0.203    -.1824663    .8366555
       1  9  |   .3013696   .2572191     1.17   0.247    -.2164881    .8192273
       1 10  |   .2967646   .2665244     1.11   0.271    -.2398337    .8333629
             |
       _cons |        2.1     .08047    26.10   0.000     1.938126    2.261874
-------------+----------------------------------------------------------------
     sigma_u |  .65052501
     sigma_e |  .46063742
         rho |   .6660419   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.
```

```
815 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        550
                                                Average RVI       =     0.7910
                                                Largest FMI       =     0.0657
                                                Complete DF       =         49
DF adjustment:   Small sample                   DF:     min       =      43.43
                                                        avg       =      46.26
Within VCE type: Delta-method                           max       =      47.12

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1

3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9. at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20. at       : success         =           1
               year            =           8

21._at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |        2.1     .08047    26.10   0.000     1.938126    2.261874
          2  |        2.1     .08047    26.10   0.000     1.938126    2.261874
          3  |        2.1     .08047    26.10   0.000     1.938126    2.261874
          4  |   2.147619   .0722262    29.73   0.000     2.002328     2.29291
          5  |   2.242857     .10058    22.30   0.000     2.040529    2.445185
          6  |   2.290476   .1446688    15.83   0.000     1.999459    2.581493
          7  |   2.338095   .1572172    14.87   0.000     2.021835    2.654355
          8  |   2.292341   .1540712    14.88   0.000     1.982337    2.602345
          9  |      2.3385   .1482343    15.78   0.000     2.040062    2.636938
         10  |   2.402771   .1514168    15.87   0.000     2.097855    2.707687
         11  |   2.411041   .1507083    16.00   0.000     2.107434    2.714647
         12  |   2.065517   .0830031    24.88   0.000     1.898547    2.232487
         13  |   2.065517   .0830031    24.88   0.000     1.898547    2.232487
         14  |        2.1     .08047    26.10   0.000     1.938126    2.261874
         15  |   2.375862     .10426    22.79   0.000     2.166132    2.585593
         16  |   2.548276   .0985496    25.86   0.000     2.350033    2.746519
         17  |   2.594349   .1030106    25.19   0.000     2.387019     2.80168
         18  |   2.641263   .1250687    21.12   0.000     2.389587    2.892939
```

```
          19  |   2.669057   .1185239    22.52   0.000     2.430099    2.908015
          20  |   2.665595    .130668    20.40   0.000     2.402408    2.928781
          21  |   2.704141   .1339347    20.19   0.000     2.434147    2.974134
          22  |   2.707805   .1435497    18.86   0.000      2.41875     2.99686
------------------------------------------------------------------------------

816 . mi xeq 1: tab success if e(N_mi) & year==2 & leftist==0

m=1 data:
-> tab success if e(N_mi) & year==2 & leftist==0

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         21       42.00       42.00
          1 |         29       58.00      100.00
------------+-----------------------------------
      Total |         50      100.00

817 . * Successful social vs. failed social
818 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if leftist==1, fe vce(robust)

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        594

Group variable: revid                           Number of groups  =         54
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =         53
                                                DF:     min       =      51.11
                                                        avg       =      51.11
DF adjustment:   Small sample                           max       =      51.11
                                                F(  13,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                (Within VCE adjusted for 54 clusters in revid)
------------------------------------------------------------------------------
 vdstown ord |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |   1.84e-16   .0513427     0.00   1.000    -.1030696    .1030696
          1  |       .025   .0442785     0.56   0.575    -.0638882    .1138882
          3  |         .1    .113652     0.88   0.383    -.1281543    .3281543
          4  |         .1    .113652     0.88   0.383    -.1281543    .3281543
          5  |       .125   .1158771     1.08   0.286    -.1076212    .3576212
          6  |        .15   .1179207     1.27   0.209    -.0867237    .3867237
          7  |        .15   .1286133     1.17   0.249    -.1081888    .4081888
          8  |        .15   .1286133     1.17   0.249    -.1081888    .4081888
          9  |       .125   .1318394     0.95   0.348    -.1396652    .3896652
         10  |        .15   .1336391     1.12   0.267    -.1182781    .4182781
             |
success#year |
       1  0  |   .0714286   .0873588     0.82   0.417    -.1039426    .2467997
       1  1  |      -.025   .0442785    -0.56   0.575    -.1138882    .0638882
       1  3  |  -.5285714   .2522699    -2.10   0.041    -1.034999   -.0221442
       1  4  |  -.7428571   .3078405    -2.41   0.019    -1.360841    -.124873
       1  5  |  -.7678571    .308669    -2.49   0.016    -1.387504   -.1482099
       1  6  |  -.7928571   .3094419    -2.56   0.013    -1.414056   -.1716581
       1  7  |  -.8642857   .3274577    -2.64   0.011    -1.521651   -.2069204
       1  8  |  -.9357143   .3233244    -2.89   0.006    -1.584782   -.2866465
       1  9  |  -.9107143   .3246212    -2.81   0.007    -1.562385   -.2590432
       1 10  |  -.9357143   .3253563    -2.88   0.006    -1.588861   -.2825675
             |
       _cons |   2.481481   .0826893    30.01   0.000     2.315484    2.647479
-------------+----------------------------------------------------------------
     sigma_u |  .71580629
     sigma_e |  .44990286
         rho |  .71682279   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

819 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        594
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =         53
DF adjustment:   Small sample                   DF:     min       =      51.11
                                                        avg       =      51.11
Within VCE type: Delta-method                           max       =      51.11

Expression   : Linear prediction, predict(xb)

1._at        : success         =           0
               year            =           0

2._at        : success         =           0
               year            =           1
```

```
3._at        : success         =           0
               year            =           2

4._at        : success         =           0
               year            =           3

5._at        : success         =           0
               year            =           4

6._at        : success         =           0
               year            =           5

7. at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10._at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18. at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21. at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	2.481481	.0902344	27.50	0.000	2.300338	2.662625
2	2.506481	.0874696	28.66	0.000	2.330888	2.682075
3	2.481481	.0826893	30.01	0.000	2.315484	2.647479
4	2.581481	.0746984	34.56	0.000	2.431526	2.731437
5	2.581481	.0746984	34.56	0.000	2.431526	2.731437
6	2.606481	.0751895	34.67	0.000	2.45554	2.757423
7	2.631481	.0760452	34.60	0.000	2.478822	2.784141
8	2.631481	.0836591	31.45	0.000	2.463537	2.799426
9	2.631481	.0836591	31.45	0.000	2.463537	2.799426
10	2.606481	.0890011	29.29	0.000	2.427813	2.78515
11	2.631481	.0916823	28.70	0.000	2.447431	2.815532
12	2.55291	.1059965	24.08	0.000	2.340124	2.765696
13	2.481481	.0826893	30.01	0.000	2.315484	2.647479
14	2.481481	.0826893	30.01	0.000	2.315484	2.647479
15	2.05291	.1989777	10.32	0.000	1.653466	2.452354
16	1.838624	.2456394	7.49	0.000	1.345508	2.331741
17	1.838624	.2456394	7.49	0.000	1.345508	2.331741
18	1.838624	.2456394	7.49	0.000	1.345508	2.331741
19	1.767196	.2602804	6.79	0.000	1.244688	2.289704
20	1.695767	.2562299	6.62	0.000	1.18139	2.210144
21	1.695767	.2562299	6.62	0.000	1.18139	2.210144
22	1.695767	.2562299	6.62	0.000	1.18139	2.210144

```
820 . mi xeq 1: tab success if e(N_mi) & year==2 & leftist==1

    m=1 data:
    -> tab success if e(N_mi) & year==2 & leftist==1
```

```
    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         40       74.07       74.07
          1 |         14       25.93      100.00
------------+-----------------------------------
      Total |         54      100.00
```

```
821 . * Urban civic, excluding cases of postcommunist transitions
822 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.success##ib(2).year if leftist==0 & incgovcommunis
    > t==0, fe vce(robust)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        484

    Group variable: revid                           Number of groups  =         44
                                                    Obs per group:
                                                                  min =         11
                                                                avg =       11.0
                                                                max =         11
                                                    Average RVI       =     0.2299
                                                    Largest FMI       =     0.0906
                                                    Complete DF       =         43
                                                    DF:     min       =      36.60
                                                            avg       =      40.22
    DF adjustment:   Small sample                           max       =      41.13
                                                    F(  16,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 44 clusters in revid)
------------------------------------------------------------------------------
 vdstown_ord |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |           0  (omitted)
             |
        year |
          0  |  -1.57e-16          .        .       .            .           .
          1  |  -1.66e-16          .        .       .            .           .
          3  |  -1.12e-16          .        .       .            .           .
          4  |   .0526316   .0529275     0.99   0.326    -.0542473    .1595105
          5  |   .0526316   .0933553     0.56   0.576     -.135885    .2411482
          6  |   .1052632   .1308402     0.80   0.426    -.1589485    .3694748
          7  |   .0546925   .1218154     0.45   0.656    -.1914299    .3008149
          8  |   .1057105   .1119299     0.94   0.351    -.1208422    .3322631
          9  |   .1767469   .1210952     1.46   0.153    -.0684308    .4219246
         10  |   .1858872   .1196514     1.55   0.129    -.0566385    .4284128
             |
success#year |
       1  0  |       -.04   .0404921    -0.99   0.329    -.1217677    .0417677
       1  1  |       -.04   .0404921    -0.99   0.329    -.1217677    .0417677
       1  3  |        .12   .0671486     1.79   0.081    -.0155963    .2555963
       1  4  |   .1473684   .0981481     1.50   0.141    -.0508265    .3455633
       1  5  |   .1873684   .1411355     1.33   0.192    -.0976331    .4723699
       1  6  |   .1347368   .1781545     0.76   0.454    -.2250189    .4944926
       1  7  |   .2290068   .1654859     1.38   0.174    -.1053908    .5634043
       1  8  |    .178835    .178686     1.00   0.323    -.1823286    .5399987
       1  9  |   .1499622    .188455     0.80   0.431    -.2313929    .5313172
       1 10  |   .0983638   .1843313     0.53   0.597    -.2747393    .4714669
             |
       _cons |   2.340909    .048849    47.92   0.000     2.242266    2.439552
-------------+----------------------------------------------------------------
     sigma_u |    .629383
     sigma_e |  .32697317
         rho |  .78746692   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

823 . mimrgns, at(success=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        484
                                                    Average RVI       =     0.6810
                                                    Largest FMI       =     0.1075
                                                    Complete DF       =         43
    DF adjustment:   Small sample                   DF:     min       =      35.58
                                                            avg       =      39.96
    Within VCE type: Delta-method                           max       =      41.13

    Expression   : Linear prediction, predict(xb)

    1._at        : success         =           0
                   year            =           0

    2._at        : success         =           0
                   year            =           1

    3._at        : success         =           0
                   year            =           2

    4._at        : success         =           0
                   year            =           3

    5._at        : success         =           0
                   year            =           4
```

```
6._at        : success         =           0
               year            =           5

7._at        : success         =           0
               year            =           6

8._at        : success         =           0
               year            =           7

9._at        : success         =           0
               year            =           8

10. at       : success         =           0
               year            =           9

11._at       : success         =           0
               year            =          10

12._at       : success         =           1
               year            =           0

13._at       : success         =           1
               year            =           1

14._at       : success         =           1
               year            =           2

15._at       : success         =           1
               year            =           3

16._at       : success         =           1
               year            =           4

17._at       : success         =           1
               year            =           5

18._at       : success         =           1
               year            =           6

19._at       : success         =           1
               year            =           7

20._at       : success         =           1
               year            =           8

21. at       : success         =           1
               year            =           9

22._at       : success         =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	2.340909	.048849	47.92	0.000	2.242266	2.439552
2	2.340909	.048849	47.92	0.000	2.242266	2.439552
3	2.340909	.048849	47.92	0.000	2.242266	2.439552
4	2.340909	.048849	47.92	0.000	2.242266	2.439552
5	2.393541	.0682742	35.06	0.000	2.255671	2.53141
6	2.393541	.0921187	25.98	0.000	2.207521	2.57956
7	2.446172	.116843	20.94	0.000	2.210226	2.682119
8	2.395602	.1090467	21.97	0.000	2.175245	2.615958
9	2.44662	.1015092	24.10	0.000	2.241024	2.652215
10	2.517656	.1105417	22.78	0.000	2.293689	2.741623
11	2.526796	.1097724	23.02	0.000	2.304076	2.749517
12	2.300909	.0577742	39.83	0.000	2.184243	2.417575
13	2.300909	.0577742	39.83	0.000	2.184243	2.417575
14	2.340909	.048849	47.92	0.000	2.242266	2.439552
15	2.460909	.0605467	40.64	0.000	2.338644	2.583174
16	2.540909	.0647204	39.26	0.000	2.410216	2.671602
17	2.580909	.0720993	35.80	0.000	2.435316	2.726503
18	2.580909	.0838904	30.77	0.000	2.411505	2.750313
19	2.624608	.0769749	34.10	0.000	2.468835	2.780381
20	2.625455	.1039851	25.25	0.000	2.415098	2.835811
21	2.667618	.1090253	24.47	0.000	2.446857	2.888379
22	2.62516	.1033087	25.41	0.000	2.416032	2.834288

```
824 . tab success if e(N) & year==2 & leftist==0 & incgovcommunist==0
```

Whether episode was successful	Freq.	Percent	Cum.
0	19	43.18	43.18
1	25	56.82	100.00
Total	44	100.00	

```
825 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 2.9 percent of observations

826 . * Complete case sample as robustness check
827 . clear

828 . use simplediffindifflong.dta, clear

829 . xtreg vdstown_ord i.success##ib(2).year if leftist==1, fe
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =         594
    Group variable: revid                           Number of groups  =          54

    R-sq:                                           Obs per group:
         within  = 0.1462                                         min =          11
         between = 0.1794                                         avg =        11.0
         overall = 0.1688                                         max =          11

                                                    F(20,520)         =        4.45
    corr(u_i, Xb)  = 0.0858                         Prob > F          =      0.0000

    ------------------------------------------------------------------------------
     vdstown_ord |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.success |          0  (omitted)
                 |
            year |
              0  |   1.84e-16   .1006013     0.00   1.000     -.197635     .197635
              1  |       .025   .1006013     0.25   0.804     -.172635     .222635
              3  |         .1   .1006013     0.99   0.321     -.097635     .297635
              4  |         .1   .1006013     0.99   0.321     -.097635     .297635
              5  |       .125   .1006013     1.24   0.215     -.072635     .322635
              6  |        .15   .1006013     1.49   0.137     -.047635     .347635
              7  |        .15   .1006013     1.49   0.137     -.047635     .347635
              8  |        .15   .1006013     1.49   0.137     -.047635     .347635
              9  |       .125   .1006013     1.24   0.215     -.072635     .322635
             10  |        .15   .1006013     1.49   0.137     -.047635     .347635
                 |
    success#year |
           1  0  |   .0714286   .1975771     0.36   0.718    -.3167189     .459576
           1  1  |      -.025   .1975771    -0.13   0.899    -.4131474    .3631474
           1  3  |  -.5285714   .1975771    -2.68   0.008    -.9167189    -.140424
           1  4  |  -.7428571   .1975771    -3.76   0.000    -1.131005   -.3547097
           1  5  |  -.7678571   .1975771    -3.89   0.000    -1.156005   -.3797097
           1  6  |  -.7928571   .1975771    -4.01   0.000    -1.181005   -.4047097
           1  7  |  -.8642857   .1975771    -4.37   0.000    -1.252433   -.4761383
           1  8  |  -.9357143   .1975771    -4.74   0.000    -1.323862   -.5475668
           1  9  |  -.9107143   .1975771    -4.61   0.000    -1.298862   -.5225668
           1 10  |  -.9357143   .1975771    -4.74   0.000    -1.323862   -.5475668
                 |
           _cons |   2.481481    .061224    40.53   0.000     2.361205    2.601758
    -------------+----------------------------------------------------------------
         sigma_u |  .71580629
         sigma_e |  .44990286
             rho |  .71682279   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    F test that all u_i=0: F(53, 520) = 27.57                     Prob > F = 0.0000

830 . margins success#year, noestimcheck

    Adjusted predictions                            Number of obs     =         594
    Model VCE    : Conventional

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    success#year |
           0  0  |   2.481481   .0798264    31.09   0.000     2.325025    2.637938
           0  1  |   2.506481   .0798264    31.40   0.000     2.350025    2.662938
           0  2  |   2.481481    .061224    40.53   0.000     2.361485    2.601478
           0  3  |   2.581481   .0798264    32.34   0.000     2.425025    2.737938
           0  4  |   2.581481   .0798264    32.34   0.000     2.425025    2.737938
           0  5  |   2.606481   .0798264    32.65   0.000     2.450025    2.762938
           0  6  |   2.631481   .0798264    32.97   0.000     2.475025    2.787938
           0  7  |   2.631481   .0798264    32.97   0.000     2.475025    2.787938
           0  8  |   2.631481   .0798264    32.97   0.000     2.475025    2.787938
           0  9  |   2.606481   .0798264    32.65   0.000     2.450025    2.762938
           0 10  |   2.631481   .0798264    32.97   0.000     2.475025    2.787938
           1  0  |    2.55291   .1586433    16.09   0.000     2.241975    2.863845
           1  1  |   2.481481   .1586433    15.64   0.000     2.170546    2.792417
           1  2  |   2.481481    .061224    40.53   0.000     2.361485    2.601478
           1  3  |    2.05291   .1586433    12.94   0.000     1.741975    2.363845
           1  4  |   1.838624   .1586433    11.59   0.000     1.527689     2.14956
           1  5  |   1.838624   .1586433    11.59   0.000     1.527689     2.14956
           1  6  |   1.838624   .1586433    11.59   0.000     1.527689     2.14956
           1  7  |   1.767196   .1586433    11.14   0.000     1.456261    2.078131
           1  8  |   1.695767   .1586433    10.69   0.000     1.384832    2.006702
           1  9  |   1.695767   .1586433    10.69   0.000     1.384832    2.006702
           1 10  |   1.695767   .1586433    10.69   0.000     1.384832    2.006702
    ------------------------------------------------------------------------------
```

```
831 . xtreg vdstown_ord i.success##ib(2).year if leftist==0, fe
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =        517
    Group variable: revid                           Number of groups  =         50

    R-sq:                                           Obs per group:
         within  = 0.1923                                         min =          5
         between = 0.1581                                         avg =       10.3
         overall = 0.1245                                         max =         11

                                                    F(20,447)         =       5.32
    corr(u_i, Xb)  = 0.1074                         Prob > F          =     0.0000

    ------------------------------------------------------------------------------
     vdstown_ord |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.success |          0  (omitted)
                 |
            year |
              0  |   1.35e-15    .135686     0.00   1.000    -.2666617    .2666617
              1  |   1.35e-15    .135686     0.00   1.000    -.2666617    .2666617
              3  |    .047619    .135686     0.35   0.726    -.2190427    .3142808
              4  |   .1428571    .135686     1.05   0.293    -.1238046    .4095189
              5  |   .1904762    .135686     1.40   0.161    -.0761856    .4571379
              6  |   .2380952    .135686     1.75   0.080    -.0285665     .504757
              7  |   .2384354   .1376107     1.73   0.084     -.032009    .5088797
              8  |   .2979748   .1396747     2.13   0.033     .0234742    .5724755
              9  |   .3629521   .1419051     2.56   0.011      .084068    .6418362
             10  |    .389341   .1470162     2.65   0.008     .1004122    .6782697
                 |
    success#year |
           1  0  |  -.0344828   .1781645    -0.19   0.847    -.3846268    .3156613
           1  1  |  -.0344828   .1781645    -0.19   0.847    -.3846268    .3156613
           1  3  |    .228243   .1781645     1.28   0.201     -.121901     .578387
           1  4  |   .3054187   .1781645     1.71   0.087    -.0447253    .6555627
           1  5  |   .2762726   .1789644     1.54   0.123    -.0754436    .6279887
           1  6  |   .2643678   .1789644     1.48   0.140    -.0873483     .616084
           1  7  |   .2564767   .1830331     1.40   0.162    -.1032356    .6161889
           1  8  |   .1969372   .1845899     1.07   0.287    -.1658346     .559709
           1  9  |   .1821451   .1872417     0.97   0.331    -.1858383    .5501285
           1 10  |    .231135   .1932398     1.20   0.232    -.1486363    .6109063
                 |
           _cons |   2.129963   .0622714    34.20   0.000     2.007582    2.252344
    -------------+----------------------------------------------------------------
         sigma u |   .6929802
         sigma_e |  .43967297
             rho |  .71298797   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    F test that all u_i=0: F(49, 447) = 22.13                     Prob > F = 0.0000

832 . margins success#year, noestimcheck

    Adjusted predictions                            Number of obs     =        517
    Model VCE    : Conventional

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    success#year |
           0  0  |   2.129963   .1202251    17.72   0.000     1.894326      2.3656
           0  1  |   2.129963   .1202251    17.72   0.000     1.894326      2.3656
           0  2  |   2.129963   .0622714    34.20   0.000     2.007913    2.252013
           0  3  |   2.177582   .1202251    18.11   0.000     1.941945    2.413219
           0  4  |    2.27282   .1202251    18.90   0.000     2.037183    2.508457
           0  5  |   2.320439   .1202251    19.30   0.000     2.084802    2.556076
           0  6  |   2.368058   .1202251    19.70   0.000     2.132421    2.603695
           0  7  |   2.368398   .1223173    19.36   0.000     2.128661    2.608136
           0  8  |   2.427938   .1245825    19.49   0.000     2.183761    2.672115
           0  9  |   2.492915   .1270456    19.62   0.000      2.24391     2.74192
           0 10  |   2.519304   .1326988    18.99   0.000     2.259219    2.779389
           1  0  |    2.09548   .0977285    21.44   0.000     1.903936    2.287025
           1  1  |    2.09548   .0977285    21.44   0.000     1.903936    2.287025
           1  2  |   2.129963   .0622714    34.20   0.000     2.007913    2.252013
           1  3  |   2.405825   .0977285    24.62   0.000     2.214281    2.597369
           1  4  |   2.578239   .0977285    26.38   0.000     2.386694    2.769783
           1  5  |   2.596712   .0990381    26.22   0.000     2.402601    2.790823
           1  6  |   2.632426   .0990381    26.58   0.000     2.438315    2.826537
           1  7  |   2.624875   .1034961    25.36   0.000     2.422026    2.827724
           1  8  |   2.624875   .1034961    25.36   0.000     2.422026    2.827724
           1  9  |    2.67506    .105181    25.43   0.000     2.468909    2.881211
           1 10  |   2.750439   .1089141    25.25   0.000     2.536971    2.963907
    ------------------------------------------------------------------------------

833 . * Urban civic, excluding cases of postcommunist transitions
834 . xtreg vdstown_ord i.success##ib(2).year if leftist==0 & incgovcommunist==0, fe vce(robust)
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =        461
    Group variable: revid                           Number of groups  =         44

    R-sq:                                           Obs per group:
         within  = 0.1455                                         min =          7
         between = 0.1489                                         avg =       10.5
         overall = 0.0881                                         max =         11
```

```
                                                F(18,43)          =          .
corr(u_i, Xb)  = 0.1265                         Prob > F          =          .

                                 (Std. Err. adjusted for 44 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
 vdstown_ord |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |          0  (omitted)
             |
        year |
          0  |  -7.14e-16   5.18e-09    -0.00   1.000    -1.05e-08    1.05e-08
          1  |  -7.53e-16   6.77e-09    -0.00   1.000    -1.37e-08    1.37e-08
          3  |  -6.46e-16   7.58e-10    -0.00   1.000    -1.53e-09    1.53e-09
          4  |   .0526316   .0529847     0.99   0.326    -.0542223    .1594854
          5  |   .0526316   .0934562     0.56   0.576    -.1358409     .241104
          6  |   .1052632   .1309817     0.80   0.426    -.1588866    .3694129
          7  |   .1015038   .1109044     0.92   0.365    -.1221564    .3251639
          8  |   .1640038   .0938264     1.75   0.088    -.0252152    .3532227
          9  |   .2334482    .108858     2.14   0.038     .0139151    .4529813
         10  |   .2566625   .1169528     2.19   0.034     .0208046    .4925204
             |
success#year |
       1  0  |       -.04   .0405359    -0.99   0.329    -.1217485    .0417485
       1  1  |       -.04   .0405359    -0.99   0.329    -.1217485    .0417485
       1  3  |        .12   .0672213     1.79   0.081    -.0155646    .2555646
       1  4  |   .1473684   .0982542     1.50   0.141    -.0507801    .3455169
       1  5  |   .1873684   .1412882     1.33   0.192    -.0975663    .4723032
       1  6  |   .1347368   .1783472     0.76   0.454    -.2249347    .4944083
       1  7  |      .1939   .1592081     1.22   0.230    -.1271738    .5149737
       1  8  |      .1314     .17263     0.76   0.451    -.2167417    .4795416
       1  9  |   .1142173   .1860765     0.61   0.543    -.2610417    .4894763
       1 10  |   .1191848    .175479     0.68   0.501    -.2347022    .4730718
             |
       _cons |   2.343389   .0467168    50.16   0.000     2.249175    2.437602
-------------+----------------------------------------------------------------
     sigma_u |  .62023762
     sigma_e |  .31776305
         rho |  .79209389   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
835 . margins success#year, noestimcheck

Adjusted predictions                            Number of obs     =        461
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |   2.343389   .0467168    50.16   0.000     2.251826    2.434952
       0  1  |   2.343389   .0467168    50.16   0.000     2.251826    2.434952
       0  2  |   2.343389   .0467168    50.16   0.000     2.251826    2.434952
       0  3  |   2.343389   .0467168    50.16   0.000     2.251826    2.434952
       0  4  |    2.39602   .0673698    35.57   0.000     2.263978    2.528063
       0  5  |    2.39602   .0914714    26.19   0.000      2.21674    2.575301
       0  6  |   2.448652   .1201657    20.38   0.000     2.213132    2.684172
       0  7  |   2.444893   .1013982    24.11   0.000     2.246156    2.643629
       0  8  |   2.507393   .0877296    28.58   0.000     2.335446     2.67934
       0  9  |   2.576837   .1020502    25.25   0.000     2.376822    2.776852
       0 10  |   2.600051   .1100497    23.63   0.000     2.384358    2.815745
       1  0  |   2.303389   .0557728    41.30   0.000     2.194076    2.412701
       1  1  |   2.303389   .0557728    41.30   0.000     2.194076    2.412701
       1  2  |   2.343389   .0467168    50.16   0.000     2.251826    2.434952
       1  3  |   2.463389   .0592428    41.58   0.000     2.347275    2.579503
       1  4  |   2.543389   .0637035    39.93   0.000     2.418532    2.668245
       1  5  |   2.583389   .0716912    36.03   0.000     2.442877    2.723901
       1  6  |   2.583389   .0842475    30.66   0.000     2.418267    2.748511
       1  7  |   2.638793   .0779613    33.85   0.000     2.485991    2.791594
       1  8  |   2.638793   .1079191    24.45   0.000     2.427275     2.85031
       1  9  |   2.691054   .1159321    23.21   0.000     2.463832    2.918277
       1 10  |   2.719236   .0961394    28.28   0.000     2.530806    2.907666
------------------------------------------------------------------------------
```

```
836 . tab success if e(N) & year==2 & leftist==0 & incgovcommunist==0

    Whether |
episode was |
 successful |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         19       43.18       43.18
          1 |         25       56.82      100.00
------------+-----------------------------------
      Total |         44      100.00
```

```
837 .
```

```
838 . *=========================================
839 . * EFFECT OF REVOLUTION ON ETHNIC EXCLUSION
840 . *=========================================
841 . * Multiple imputation failed due to the limited nature of the data
842 . * Using complete case sample only
843 . * Ethnic exclusion
844 . use simplediffindifflong.dta, clear

845 . xtreg exclpop i.success##ib(2).year if  leftist==0, fe vce(robust)
    note: 1.success omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =        385
    Group variable: revid                           Number of groups  =         44

    R-sq:                                           Obs per group:
         within  = 0.0438                                         min =          1
         between = 0.0050                                         avg =        8.8
         overall = 0.0035                                         max =         11

                                                    F(18,43)          =          .
    corr(u_i, Xb)  = -0.0137                        Prob > F          =          .

                                      (Std. Err. adjusted for 44 clusters in revid)
    ------------------------------------------------------------------------------
                 |               Robust
         exclpop |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.success |          0  (omitted)
                 |
            year |
              0  |  -.0066667   .0066917    -1.00   0.325    -.0201617    .0068284
              1  |  -4.46e-17          .        .       .           .           .
              3  |  -.0312698   .0314789    -0.99   0.326     -.094753    .0322133
              4  |   .0001587    .000225     0.71   0.484    -.0002951    .0006126
              5  |   .0022626   .0020544     1.10   0.277    -.0018804    .0064056
              6  |   .0030808    .002682     1.15   0.257     -.002328    .0084897
              7  |    .003938   .0033165     1.19   0.242    -.0027504    .0106263
              8  |   .0048755   .0039881     1.22   0.228    -.0031672    .0129182
              9  |   .0059469   .0047268     1.26   0.215    -.0035855    .0154793
             10  |   .0059469   .0047268     1.26   0.215    -.0035855    .0154793
                 |
    success#year |
           1  0  |    .007963   .0090752     0.88   0.385     -.010339    .0262649
           1  1  |   .0037037   .0055537     0.67   0.508    -.0074964    .0149038
           1  3  |   .0054365   .0405315     0.13   0.894     -.076303     .087176
           1  4  |  -.0252366   .0264521    -0.95   0.345    -.0785823    .0281091
           1  5  |  -.0324275   .0268072    -1.21   0.233    -.0864894    .0216344
           1  6  |  -.0288978   .0267028    -1.08   0.285    -.0827493    .0249536
           1  7  |  -.0305396   .0272759    -1.12   0.269    -.0855467    .0244676
           1  8  |  -.0367409   .0279964    -1.31   0.196     -.093201    .0197193
           1  9  |  -.0220504   .0331009    -0.67   0.509    -.0888048     .044704
           1 10  |  -.0217232   .0338985    -0.64   0.525    -.0900861    .0466396
                 |
           _cons |   .1701899   .0125738    13.54   0.000     .1448325    .1955473
    -------------+----------------------------------------------------------------
         sigma_u |  .17627434
         sigma_e |  .06075783
             rho |  .89381265   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------

846 . margins success#year, noestimcheck

    Adjusted predictions                            Number of obs     =        385
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    success#year |
           0  0  |   .1635232   .0141674    11.54   0.000     .1357557    .1912908
           0  1  |   .1701899   .0125738    13.54   0.000     .1455458     .194834
           0  2  |   .1701899   .0125738    13.54   0.000     .1455458     .194834
           0  3  |   .1389201   .0331794     4.19   0.000     .0738896    .2039505
           0  4  |   .1703486   .0125771    13.54   0.000      .145698    .1949993
           0  5  |   .1724525   .0128102    13.46   0.000      .147345    .1975601
           0  6  |   .1732707   .0129504    13.38   0.000     .1478884     .198653
           0  7  |   .1741279   .0131218    13.27   0.000     .1484096    .1998461
           0  8  |   .1750654    .013334    13.13   0.000     .1489311    .2011996
           0  9  |   .1761368   .0136019    12.95   0.000     .1494775    .2027961
           0 10  |   .1761368   .0136019    12.95   0.000     .1494775    .2027961
           1  0  |   .1714862   .0136792    12.54   0.000     .1446754     .198297
           1  1  |   .1738936   .0133665    13.01   0.000     .1476958    .2000914
           1  2  |   .1701899   .0125738    13.54   0.000     .1455458     .194834
           1  3  |   .1443566    .013632    10.59   0.000     .1176384    .1710747
           1  4  |    .145112   .0144937    10.01   0.000     .1167049    .1735191
           1  5  |   .1400251   .0145096     9.65   0.000     .1115868    .1684633
           1  6  |   .1443729   .0145436     9.93   0.000      .115868    .1728778
           1  7  |   .1435883   .0150524     9.54   0.000     .1140861    .1730905
           1  8  |   .1383245   .0154855     8.93   0.000     .1079734    .1686756
           1  9  |   .1540864   .0216635     7.11   0.000     .1116268     .196546
           1 10  |   .1544135    .022541     6.85   0.000      .110234     .198593
    ------------------------------------------------------------------------------
```

```
847 . xtreg exclpop i.success##ib(2).year if  leftist==1, fe vce(robust)
note: 1.success omitted because of collinearity

Fixed-effects (within) regression               Number of obs     =        394
Group variable: revid                           Number of groups  =         38

R-sq:                                           Obs per group:
     within  = 0.0747                                         min =          8
     between = 0.0256                                         avg =       10.4
     overall = 0.0001                                         max =         11

                                                F(10,37)          =          .
corr(u_i, Xb)  = -0.3209                        Prob > F          =          .

                                  (Std. Err. adjusted for 38 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
     exclpop |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.success |           0  (omitted)
             |
        year |
          0  |   .0031613   .0079344     0.40   0.693    -.0129152    .0192379
          1  |   -.000213   .0002167    -0.98   0.332    -.0006522    .0002261
          3  |  -.0042014   .0088404    -0.48   0.637    -.0221138     .013711
          4  |   .0191319   .0287613     0.67   0.510    -.0391441    .0774079
          5  |   .0260949   .0417511     0.63   0.536    -.0585008    .1106906
          6  |   .0260949   .0417511     0.63   0.536    -.0585008    .1106906
          7  |   .0260949   .0417511     0.63   0.536    -.0585008    .1106906
          8  |   .0266362   .0426294     0.62   0.536    -.0597393    .1130117
          9  |   .0266362   .0426294     0.62   0.536    -.0597393    .1130117
         10  |   .0266362   .0426294     0.62   0.536    -.0597393    .1130117
             |
success#year |
       1  0  |  -.0031613   .0079344    -0.40   0.693    -.0192379    .0129152
       1  1  |    .000213   .0002167     0.98   0.332    -.0002261    .0006522
       1  3  |  -.0337397   .1164543    -0.29   0.774    -.2696987    .2022192
       1  4  |   -.157264    .112178    -1.40   0.169    -.3845582    .0700302
       1  5  |   -.164227   .1161888    -1.41   0.166    -.3996479     .071194
       1  6  |  -.1433179   .1137106    -1.26   0.215    -.3737174    .0870816
       1  7  |  -.1433179   .1137106    -1.26   0.215    -.3737174    .0870816
       1  8  |  -.1438592    .114036    -1.26   0.215    -.3749181    .0871997
       1  9  |  -.1584046   .1100482    -1.44   0.158    -.3813835    .0645742
       1 10  |  -.1584046   .1100482    -1.44   0.158    -.3813835    .0645742
             |
        cons |   .2020032   .0296817     6.81   0.000     .1418624     .262144
-------------+----------------------------------------------------------------
     sigma_u |  .18778856
     sigma_e |  .12002751
         rho |  .70996033   (fraction of variance due to u_i)
------------------------------------------------------------------------------

848 . margins success#year, noestimcheck

Adjusted predictions                            Number of obs     =        394
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
success#year |
       0  0  |   .2051645   .0334839     6.13   0.000     .1395373    .2707918
       0  1  |   .2017902   .0296783     6.80   0.000     .1436217    .2599586
       0  2  |   .2020032   .0296817     6.81   0.000     .1438281    .2601783
       0  3  |   .1978018   .0266942     7.41   0.000     .1454821    .2501214
       0  4  |   .2211351   .0289106     7.65   0.000     .1644715    .2777988
       0  5  |   .2280981   .0325652     7.00   0.000     .1642715    .2919247
       0  6  |   .2280981   .0325652     7.00   0.000     .1642715    .2919247
       0  7  |   .2280981   .0325652     7.00   0.000     .1642715    .2919247
       0  8  |   .2286394   .0331966     6.89   0.000     .1635752    .2937036
       0  9  |   .2286394   .0331966     6.89   0.000     .1635752    .2937036
       0 10  |   .2286394   .0331966     6.89   0.000     .1635752    .2937036
       1  0  |   .2020032   .0296817     6.81   0.000     .1438281    .2601783
       1  1  |   .2020032   .0296817     6.81   0.000     .1438281    .2601783
       1  2  |   .2020032   .0296817     6.81   0.000     .1438281    .2601783
       1  3  |    .164062   .1002678     1.64   0.102    -.0324593    .3605834
       1  4  |   .0638711   .0882486     0.72   0.469     -.109093    .2368353
       1  5  |   .0638711   .0882486     0.72   0.469     -.109093    .2368353
       1  6  |   .0847802   .0849592     1.00   0.318    -.0817368    .2512973
       1  7  |   .0847802   .0849592     1.00   0.318    -.0817368    .2512973
       1  8  |   .0847802   .0849592     1.00   0.318    -.0817368    .2512973
       1  9  |   .0702348   .0807931     0.87   0.385    -.0881169    .2285864
       1 10  |   .0702348   .0807931     0.87   0.385    -.0881169    .2285864
------------------------------------------------------------------------------

849 .
```

```
850 . *=========================================
851 . * EFFECT OF REVOLUTION ON GENDER INEQUALITY
852 . *=========================================
853 . * Compared to matched samples
854 . * Women's political empowerment index
855 . * Multiple imputation
856 . clear

857 . use matcheddiffindifflong.dta, clear

858 . global yvar = "v2x_gender"

859 . quietly: chp9matchmultimp

860 . * Successful social vs. matched counterparts
861 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.1157
                                                    Largest FMI       =     0.1754
                                                    Complete DF       =          8
                                                    DF:     min       =       5.68
                                                            avg       =       6.49
    DF adjustment:   Small sample                           max       =       6.55
                                                    F(   9,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                    (Within VCE adjusted for 9 clusters in revid)
    ------------------------------------------------------------------------------
      v2x_gender |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
              0  |  -.0048594    .004083    -1.19   0.276    -.0146736    .0049549
              1  |   .0010105   .0011644     0.87   0.421    -.0018778    .0038988
              3  |   .0410181   .0254327     1.61   0.154    -.0199811    .1020173
              4  |   .0480622   .0264802     1.82   0.115    -.0154491    .1115735
              5  |   .0551451   .0284827     1.94   0.097    -.0131686    .1234588
              6  |   .0519195   .0287916     1.80   0.117    -.0171351    .1209741
              7  |   .0521272   .0289224     1.80   0.117     -.017241    .1214955
              8  |    .052196   .0294099     1.77   0.122    -.0183414    .1227334
              9  |   .0643444   .0335053     1.92   0.099    -.0160149    .1447037
             10  |   .0660696    .033281     1.99   0.090    -.0137516    .1458908
                 |
      revny#year |
            1  0 |   .0080804    .004012     2.01   0.087    -.0015641    .0177248
            1  1 |  -.0008184   .0025374    -0.32   0.757    -.0069404    .0053036
            1  3 |    .026977   .0504233     0.54   0.610     -.093956    .1479101
            1  4 |   .0391572   .0672614     0.58   0.580    -.1221586    .2004731
            1  5 |   .0515545    .070336     0.73   0.489    -.1171353    .2202442
            1  6 |    .051819    .071133     0.73   0.492    -.1187821    .2224202
            1  7 |   .0480378   .0712909     0.67   0.523    -.1229421    .2190177
            1  8 |   .0522097    .077975     0.67   0.526    -.1348007    .2392201
            1  9 |   .0401343    .072958     0.55   0.601    -.1348437    .2151123
            1 10 |   .0432204   .0744664     0.58   0.581    -.1353753    .2218161
                 |
           _cons |   .3094936   .0380751     8.13   0.000     .2181767    .4008106
    -------------+----------------------------------------------------------------
         sigma u |  .14201541
         sigma_e |  .08920863
             rho |  .71705815   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

862 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        374
                                                    Average RVI       =     0.1233
                                                    Largest FMI       =     0.0340
                                                    Complete DF       =          8
    DF adjustment:   Small sample                   DF:     min       =       6.54
                                                            avg       =       6.55
    Within VCE type: Delta-method                           max       =       6.55

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3
```

```
5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9. at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20. at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.3046343	.0377519	8.07	0.000	.2140925	.3951761
2	.3105041	.0382769	8.11	0.000	.2187032	.4023051
3	.3094936	.0380751	8.13	0.000	.2181767	.4008106
4	.3505117	.0217691	16.10	0.000	.2983014	.402722
5	.3575559	.021158	16.90	0.000	.3068112	.4083006
6	.3646388	.0235128	15.51	0.000	.3082466	.421031
7	.3614131	.0232958	15.51	0.000	.3055414	.4172848
8	.3616209	.0235535	15.35	0.000	.305131	.4181108
9	.3616896	.0254578	14.21	0.000	.3006328	.4227465
10	.373838	.0232173	16.10	0.000	.3181545	.4295216
11	.3755633	.0228305	16.45	0.000	.3208073	.4303192
12	.3127147	.0372912	8.39	0.000	.2232777	.4021516
13	.3096857	.0376015	8.24	0.000	.2195045	.399867
14	.3094936	.0380751	8.13	0.000	.2181767	.4008106
15	.3774888	.0384417	9.82	0.000	.2852925	.469685
16	.3967131	.0478001	8.30	0.000	.2820726	.5113537
17	.4161933	.0486045	8.56	0.000	.2996235	.5327631
18	.4132322	.0493011	8.38	0.000	.2949917	.5314727
19	.4096587	.0493405	8.30	0.000	.2913238	.5279935
20	.4138993	.053991	7.67	0.000	.2844111	.5433876
21	.4139723	.0523654	7.91	0.000	.2883827	.5395619
22	.4187837	.0542712	7.72	0.000	.2886235	.5489439

```
863 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

864 . * Successful urban civic vs. matched counterparts
865 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        924
```

```
Group variable: diffid                          Number of groups  =         84
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2181
                                                Largest FMI       =     0.1207
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      20.21
                                                        avg       =      22.72
                                                        max       =      23.21
Model F test:       Equal FMI                   F(  20,   22.1)   =      19.83
Within VCE type:       Robust                   Prob > F          =     0.0000

                                 (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
  v2x_gender |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |  -.0108169   .0036141    -2.99   0.006    -.0182894   -.0033445
           1 |  -.0064684   .0032766    -1.97   0.060    -.0132432    .0003063
           3 |   .0318273   .0100534     3.17   0.004     .011041    .0526136
           4 |   .0434217   .0102723     4.23   0.000     .0221826    .0646608
           5 |   .0433921   .0109756     3.95   0.001      .020699    .0660852
           6 |   .0527608   .0132966     3.97   0.001     .0252677    .0802539
           7 |   .0543674   .0135208     4.02   0.001     .0263975    .0823373
           8 |   .0514625   .0149023     3.45   0.002     .0206197    .0823052
           9 |   .0661678   .0157947     4.19   0.000     .0334103    .0989253
          10 |   .0713681   .0180206     3.96   0.001     .0339265    .1088097
             |
  revny#year |
        1  0 |  -.0006521   .0054983    -0.12   0.907    -.0120204    .0107161
        1  1 |  -.0021411   .0062895    -0.34   0.737    -.0151453    .0108631
        1  3 |   .0038294   .0165486     0.23   0.819    -.0303865    .0380453
        1  4 |   .0581665   .0220291     2.64   0.015     .0126191    .1037138
        1  5 |   .0592674   .0261558     2.27   0.033     .0051853    .1133494
        1  6 |   .0515687   .0266302     1.94   0.065    -.0035022    .1066396
        1  7 |   .0547821   .0276975     1.98   0.060    -.0025392    .1121034
        1  8 |   .0603185   .0286619     2.10   0.047     .0009571    .1196798
        1  9 |   .0526068   .0254235     2.07   0.051    -.0002952    .1055087
        1 10 |   .0571667   .0254028     2.25   0.036     .0042131    .1101202
             |
       _cons |   .5686296   .0087976    64.63   0.000     .5504396    .5868195
-------------+----------------------------------------------------------------
     sigma_u |  .18879624
     sigma_e |  .05348956
         rho |  .92569482   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

866 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        924
                                                Average RVI       =     8.4112
                                                Largest FMI       =     0.1890
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      18.20
                                                        avg       =      22.40
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0
```

```
13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17. at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .5578127   .0094231    59.20   0.000     .5383295    .5772958
          2  |   .5621611   .0096263    58.40   0.000     .5422579    .5820644
          3  |   .5686296   .0087976    64.63   0.000     .5504396    .5868195
          4  |   .6004569   .0104219    57.62   0.000     .5789086    .6220051
          5  |   .6120513   .0102592    59.66   0.000     .5908395    .6332632
          6  |   .6120217   .0109704    55.79   0.000     .5893393    .6347041
          7  |   .6213904   .0112399    55.28   0.000     .5981495    .6446312
          8  |    .622997   .0119178    52.27   0.000     .5983393    .6476547
          9  |    .620092   .0128035    48.43   0.000      .593583    .6466011
         10  |   .6347974    .013258    47.88   0.000     .6072578    .6623369
         11  |   .6399977   .0157908    40.53   0.000      .607127    .6728684
         12  |   .5571605   .0100042    55.69   0.000     .5364759    .5778452
         13  |   .5600201   .0096164    58.24   0.000     .5401371    .5799031
         14  |   .5686296   .0087976    64.63   0.000     .5504396    .5868195
         15  |   .6042863   .0121461    49.75   0.000      .579173    .6293996
         16  |   .6702178   .0127108    52.73   0.000      .643937    .6964986
         17  |   .6712891   .0159912    41.98   0.000     .6382219    .7043563
         18  |   .6729591    .017133    39.28   0.000       .63752    .7083982
         19  |   .6777791   .0174289    38.89   0.000     .6416704    .7138878
         20  |   .6804105   .0181359    37.52   0.000     .6427426    .7180784
         21  |   .6874041   .0161537    42.55   0.000     .6534927    .7213155
         22  |   .6971644   .0164439    42.40   0.000     .6626748     .731654
------------------------------------------------------------------------------

867 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 26 revolutions and 58 matched cases

868 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.2 percent of observations

869 .
870 . * Women's civil liberties
871 . * Multiple imputation
872 . clear

873 . use matcheddiffindifflong.dta, clear

874 . global yvar = "v2x_gencl"

875 . quietly: chp9matchmultimp

876 . * Successful social vs. matched counterparts
877 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
                                                    DF:     min       =       6.55
                                                            avg       =       6.55
    DF adjustment:   Small sample                   max               =       6.55
                                                    F(   8,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .
```

(Within VCE adjusted for 9 clusters in revid)

v2x_gencl	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0063351	.005676	-1.12	0.304	-.0199479	.0072777
1	.0004067	.0008668	0.47	0.654	-.0016721	.0024854
3	.0374509	.0327032	1.15	0.292	-.040982	.1158838
4	.0449184	.0320965	1.40	0.207	-.0320593	.1218962
5	.0440722	.0327241	1.35	0.223	-.0344109	.1225553
6	.0484996	.0319566	1.52	0.176	-.0281427	.125142
7	.0480875	.0319566	1.50	0.179	-.0285549	.1247299
8	.0583305	.0318088	1.83	0.112	-.0179572	.1346183
9	.0579434	.0318126	1.82	0.114	-.0183535	.1342403
10	.0580749	.0317852	1.83	0.113	-.0181564	.1343061
revny#year						
1 0	.0128919	.0095928	1.34	0.224	-.0101147	.0358985
1 1	-.0006879	.0020562	-0.33	0.748	-.0056193	.0042436
1 3	.0148499	.0539859	0.28	0.792	-.1146259	.1443257
1 4	-.0059298	.0809999	-0.07	0.944	-.2001937	.1883341
1 5	.0059564	.0847232	0.07	0.946	-.1972371	.2091499
1 6	-.0160872	.0858934	-0.19	0.857	-.2220873	.1899129
1 7	-.0160819	.0856553	-0.19	0.857	-.2215111	.1893472
1 8	-.0343579	.0933156	-0.37	0.724	-.2581588	.1894429
1 9	-.0512533	.0921526	-0.56	0.597	-.2722652	.1697585
1 10	-.052813	.0924973	-0.57	0.587	-.2746513	.1690254
_cons	.3280027	.045889	7.15	0.000	.217946	.4380594
sigma_u	.19591949					
sigma_e	.10826613					
rho	.76606485	(fraction of variance due to u_i)				

Note: sigma_u and sigma_e are combined in the original metric.

878 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates Imputations = 10
Adjusted predictions Number of obs = 374
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 8
DF adjustment: Small sample DF: min = 6.55
avg = 6.55
Within VCE type: Delta-method max = 6.55

Expression : Linear prediction, predict(xb)

1._at : revny = 0
year = 0

2._at : revny = 0
year = 1

3._at : revny = 0
year = 2

4._at : revny = 0
year = 3

5._at : revny = 0
year = 4

6._at : revny = 0
year = 5

7._at : revny = 0
year = 6

8._at : revny = 0
year = 7

9._at : revny = 0
year = 8

10._at : revny = 0
year = 9

11._at : revny = 0
year = 10

12._at : revny = 1
year = 0

13._at : revny = 1
year = 1

14._at : revny = 1
year = 2

15._at : revny = 1
year = 3

16._at : revny = 1
year = 4

```
17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.3216676	.0454167	7.08	0.000	.2127437	.4305914
2	.3284094	.0459815	7.14	0.000	.2181309	.4386879
3	.3280027	.045889	7.15	0.000	.217946	.4380594
4	.3654536	.0217661	16.79	0.000	.3132514	.4176558
5	.3729211	.0249496	14.95	0.000	.313084	.4327583
6	.3720749	.0260926	14.26	0.000	.3094965	.4346534
7	.3765023	.0264563	14.23	0.000	.3130515	.4399532
8	.3760902	.0261886	14.36	0.000	.3132815	.4388989
9	.3863332	.0293077	13.18	0.000	.3160439	.4566225
10	.3859461	.0291832	13.22	0.000	.3159554	.4559369
11	.3860776	.0291464	13.25	0.000	.3161751	.45598
12	.3345595	.0483121	6.92	0.000	.2186914	.4504277
13	.3277215	.0460005	7.12	0.000	.2173975	.4380455
14	.3280027	.045889	7.15	0.000	.217946	.4380594
15	.3803035	.0385521	9.86	0.000	.2878431	.4727639
16	.3669914	.0577696	6.35	0.001	.2284412	.5055415
17	.3780313	.0606224	6.24	0.001	.2326392	.5234234
18	.3604152	.0613011	5.88	0.001	.2133953	.5074351
19	.3600083	.0614153	5.86	0.001	.2127145	.5073021
20	.3519753	.0660117	5.33	0.001	.1936579	.5102927
21	.3346928	.0646495	5.18	0.002	.1796424	.4897432
22	.3332646	.0649797	5.13	0.002	.1774222	.489107

```
879 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

880 . * Successful urban civic vs. matched counterparts
881 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946

    Group variable: diffid                          Number of groups  =         86
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.2386
                                                    Largest FMI       =     0.0816
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      21.31
                                                            avg       =      23.02
                                                            max       =      23.21
    Model F test:       Equal FMI                   F(  20,   22.0)   =       2.38
    Within VCE type:       Robust                   Prob > F          =     0.0256

                                  (Within VCE adjusted for 26 clusters in revid)
```

v2x_gencl	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0073847	.0035496	-2.08	0.049	-.0147239	-.0000455
1	-.009017	.0040702	-2.22	0.037	-.0174325	-.0006015
3	.0199457	.0105289	1.89	0.071	-.0018239	.0417152
4	.0323507	.0132743	2.44	0.023	.0049048	.0597966
5	.0347651	.0159724	2.18	0.040	.0017405	.0677898
6	.0506682	.0264609	1.91	0.068	-.0040442	.1053805
7	.0617546	.0275036	2.25	0.035	.0048778	.1186313
8	.0619687	.0282524	2.19	0.039	.0035407	.1203967
9	.0673098	.0283477	2.37	0.026	.0086639	.1259556
10	.0709704	.030711	2.31	0.030	.0074159	.1345249
revny#year						
1 0	.0081333	.0055601	1.46	0.157	-.0033627	.0196293
1 1	.0058671	.0030258	1.94	0.065	-.0003891	.0121233
1 3	.0498982	.016948	2.94	0.007	.0148564	.08494
1 4	.1002216	.0232254	4.32	0.000	.0522007	.1482425
1 5	.0847592	.0282475	3.00	0.006	.0263509	.1431676
1 6	.0798858	.0264757	3.02	0.006	.0251216	.1346499
1 7	.0673591	.0304534	2.21	0.037	.0043505	.1303676
1 8	.0708051	.0304037	2.33	0.029	.0079043	.1337059
1 9	.0743299	.0287744	2.58	0.017	.0147466	.1339133

```
       1 10  |   .0615261   .0325968     1.89   0.073    -.0062019    .1292541
             |
        _cons |   .5421045   .0183861    29.48   0.000     .5040894    .5801196
-------------+----------------------------------------------------------------
     sigma_u |  .20706973
     sigma_e |  .08899027
         rho |  .84410012   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

882 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        946
                                                Average RVI       =     1.4794
                                                Largest FMI       =     0.0881
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      21.14
                                                        avg       =      22.91
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3. at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9._at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14. at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20._at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .5347197   .0198389    26.95   0.000     .4937008    .5757387
          2  |   .5330875     .01977    26.96   0.000     .4922109    .5739641
          3  |   .5421045   .0183861    29.48   0.000     .5040894    .5801196
          4  |   .5620501    .011851    47.43   0.000      .537547    .5865532
          5  |   .5744552   .0092611    62.03   0.000      .555307    .5936034
          6  |   .5768696   .0093847    61.47   0.000     .5574658    .5962733
          7  |   .5927726   .0132579    44.71   0.000     .5653572    .6201881
          8  |    .603859   .0155999    38.71   0.000      .571586    .6361321
```

```
           9  |   .6040732   .0163736    36.89   0.000     .5701956    .6379508
          10  |   .6094142   .0163872    37.19   0.000     .5754687    .6433598
          11  |   .6130749   .0200293    30.61   0.000     .5715696    .6545802
          12  |    .542853   .0193752    28.02   0.000     .5027927    .5829133
          13  |   .5389546   .0186421    28.91   0.000     .5004102    .5774989
          14  |   .5421045   .0183861    29.48   0.000     .5040894    .5801196
          15  |   .6119483   .0209085    29.27   0.000     .5687179    .6551787
          16  |   .6746768     .01558    43.30   0.000     .6424636      .70689
          17  |   .6616288   .0202414    32.69   0.000     .6197725    .7034851
          18  |   .6726584   .0210289    31.99   0.000     .6291585    .7161583
          19  |   .6712181   .0222359    30.19   0.000     .6251897    .7172465
          20  |   .6748783    .021848    30.89   0.000     .6296527     .720104
          21  |   .6837442    .022099    30.94   0.000     .6379321    .7295562
          22  |    .674601   .0241866    27.89   0.000     .6243219     .72488
------------------------------------------------------------------------------

883 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

884 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.1 percent of observations

885 . * Complete case sample as robustness test
886 . use matcheddiffindifflong.dta, clear

887 . xtreg v2x_gencl i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       374
    Group variable: diffid                          Number of groups   =        34

    R-sq:  within  = 0.0442                         Obs per group: min =        11
           between = 0.1042                                        avg =      11.0
           overall = 0.0231                                        max =        11

                                                    F(8,8)             =         .
    corr(u_i, Xb)  = 0.0728                         Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   v2x_gencl |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0063351    .005676    -1.12   0.297    -.0194239    .0067537
          1  |   .0004067   .0008668     0.47   0.651    -.0015921    .0024054
          3  |   .0374509   .0327032     1.15   0.285    -.0379629    .1128647
          4  |   .0449184   .0320965     1.40   0.199    -.0290962    .1189331
          5  |   .0440722   .0327241     1.35   0.215    -.0313898    .1195342
          6  |   .0484996   .0319566     1.52   0.168    -.0251925    .1221917
          7  |   .0480875   .0319566     1.50   0.171    -.0256047    .1217797
          8  |   .0583305   .0318088     1.83   0.104    -.0150207    .1316817
          9  |   .0579434   .0318126     1.82   0.106    -.0154166    .1313034
         10  |   .0580749   .0317852     1.83   0.105     -.015222    .1313718
             |
  revny#year |
       1  0  |   .0128919   .0095928     1.34   0.216    -.0092291    .0350129
       1  1  |  -.0006879   .0020562    -0.33   0.747    -.0054295    .0040538
       1  3  |   .0148499   .0539859     0.28   0.790    -.1096419    .1393417
       1  4  |  -.0059298   .0809999    -0.07   0.943    -.1927159    .1808563
       1  5  |   .0059564   .0847232     0.07   0.946    -.1894155    .2013284
       1  6  |  -.0160872   .0858934    -0.19   0.856    -.2141577    .1819833
       1  7  |  -.0160819   .0856553    -0.19   0.856    -.2136034    .1814396
       1  8  |  -.0343579   .0933156    -0.37   0.722     -.249544    .1808281
       1  9  |  -.0512533   .0921526    -0.56   0.593    -.2637577     .161251
       1 10  |   -.052813   .0924973    -0.57   0.584     -.266112    .1604861
             |
       _cons |   .3280027    .045889     7.15   0.000     .2221825     .433823
-------------+----------------------------------------------------------------
     sigma_u |  .19591949
     sigma_e |  .10826613
         rho |  .76606485   (fraction of variance due to u_i)
------------------------------------------------------------------------------

888 . margins i.revny#ib(2).year, noestimcheck

    Adjusted predictions                            Number of obs     =        374
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .3216676   .0454167     7.08   0.000     .2326526    .4106826
       0  1  |   .3284094   .0459815     7.14   0.000     .2382873    .4185315
       0  2  |   .3280027    .045889     7.15   0.000     .2380619    .4179435
       0  3  |   .3654536   .0217661    16.79   0.000     .3227928    .4081144
       0  4  |   .3729211   .0249496    14.95   0.000     .3240209    .4218214
       0  5  |   .3720749   .0260926    14.26   0.000     .3209344    .4232154
       0  6  |   .3765023   .0264563    14.23   0.000     .3246489    .4283558
       0  7  |   .3760902   .0261886    14.36   0.000     .3247615    .4274189
       0  8  |   .3863332   .0293077    13.18   0.000     .3288912    .4437752
       0  9  |   .3859461   .0291832    13.22   0.000     .3287481    .4431441
       0 10  |   .3860776   .0291464    13.25   0.000     .3289517    .4432034
       1  0  |   .3345595   .0483121     6.92   0.000     .2398694    .4292496
       1  1  |   .3277215   .0460005     7.12   0.000     .2375623    .4178808
```

```
       1  2  |   .3280027    .045889     7.15   0.000     .2380619    .4179435
       1  3  |   .3803035   .0385521     9.86   0.000     .3047428    .4558642
       1  4  |   .3669914   .0577696     6.35   0.000     .2537651    .4802176
       1  5  |   .3780313   .0606224     6.24   0.000     .2592136     .496849
       1  6  |   .3604152   .0613011     5.88   0.000     .2402672    .4805631
       1  7  |   .3600083   .0614153     5.86   0.000     .2396364    .4803801
       1  8  |   .3519753   .0660117     5.33   0.000     .2225948    .4813558
       1  9  |   .3346928   .0646495     5.18   0.000     .2079821    .4614035
       1 10  |   .3332646   .0649797     5.13   0.000     .2059067    .4606225
------------------------------------------------------------------------------

889 . xtreg v2x_gencl i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       892
    Group variable: diffid                          Number of groups   =        86

    R-sq:  within  = 0.2332                         Obs per group: min =         5
           between = 0.0087                                        avg =      10.4
           overall = 0.0346                                        max =        11

                                                    F(20,25)           =     10.45
    corr(u_i, Xb)  = -0.0049                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   v2x_gencl |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0073889   .0035534    -2.08   0.048    -.0147073   -.0000704
          1  |  -.0090258   .0040749    -2.21   0.036    -.0174182   -.0006333
          3  |   .0199644   .0105421     1.89   0.070    -.0017475    .0416764
          4  |   .0323745   .0132909     2.44   0.022     .0050015    .0597476
          5  |   .0347929   .0159926     2.18   0.039     .0018554    .0677304
          6  |   .0510396   .0266663     1.91   0.067    -.0038806    .1059598
          7  |   .0697584   .0282422     2.47   0.021     .0115924    .1279244
          8  |   .0700207    .029015     2.41   0.023     .0102631    .1297783
          9  |   .0703653   .0299587     2.35   0.027     .0086641    .1320664
         10  |   .0779684   .0336205     2.32   0.029     .0087258     .147211
             |
  revny#year |
       1  0  |   .0081374   .0055621     1.46   0.156    -.0033179    .0195927
       1  1  |   .0058758   .0030293     1.94   0.064    -.0003631    .0121148
       1  3  |   .0498794   .0169558     2.94   0.007     .0149584    .0848005
       1  4  |   .1001978   .0232368     4.31   0.000     .0523407    .1480549
       1  5  |   .0737247   .0290761     2.54   0.018     .0138413    .1336081
       1  6  |   .0677111   .0306413     2.21   0.037      .004604    .1308181
       1  7  |   .0427851   .0377622     1.13   0.268    -.0349875    .1205578
       1  8  |   .0463154   .0378309     1.22   0.232    -.0315988    .1242295
       1  9  |   .0597764   .0343734     1.74   0.094    -.0110168    .1305697
       1 10  |   .0424315    .038662     1.10   0.283    -.0371943    .1220574
             |
       _cons |   .5382806   .0158679    33.92   0.000     .5056001    .5709611
-------------+----------------------------------------------------------------
     sigma_u |  .20673311
     sigma_e |  .08425599
         rho |  .85755606   (fraction of variance due to u_i)
------------------------------------------------------------------------------

890 . margins i.revny#ib(2).year, noestimcheck

    Adjusted predictions                            Number of obs     =        892
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .5308917   .0173963    30.52   0.000     .4967955    .5649879
       0  1  |   .5292548     .01735    30.50   0.000     .4952494    .5632602
       0  2  |   .5382806   .0158679    33.92   0.000     .5071801     .569381
       0  3  |    .558245   .0090741    61.52   0.000     .5404601    .5760298
       0  4  |   .5706551   .0078616    72.59   0.000     .5552467    .5860635
       0  5  |   .5730735   .0090554    63.29   0.000     .5553252    .5908217
       0  6  |   .5893202    .016775    35.13   0.000     .5564418    .6221985
       0  7  |    .608039   .0191141    31.81   0.000      .570576     .645502
       0  8  |   .6083013   .0199276    30.53   0.000      .569244    .6473586
       0  9  |   .6086459   .0199332    30.53   0.000     .5695775    .6477142
       0 10  |   .6162489   .0248175    24.83   0.000     .5676075    .6648904
       1  0  |   .5390291   .0166342    32.40   0.000     .5064266    .5716316
       1  1  |   .5351307   .0161306    33.17   0.000     .5035154     .566746
       1  2  |   .5382806   .0158679    33.92   0.000     .5071801     .569381
       1  3  |   .6081244   .0178092    34.15   0.000      .573219    .6430298
       1  4  |   .6708529   .0175467    38.23   0.000      .636462    .7052438
       1  5  |   .6467982    .021984    29.42   0.000     .6037103     .689886
       1  6  |   .6570313   .0226395    29.02   0.000     .6126586    .7014039
       1  7  |   .6508241   .0227489    28.61   0.000     .6062371    .6954111
       1  8  |   .6546166    .021999    29.76   0.000     .6114995    .6977338
       1  9  |   .6684223   .0206146    32.42   0.000     .6280183    .7088262
       1 10  |   .6586805   .0234325    28.11   0.000     .6127536    .7046074
------------------------------------------------------------------------------
```

```
891 .
892 . * Women's participation in civil society
893 . * Multiple imputation
894 . clear

895 . use matcheddiffindifflong.dta, clear

896 . global yvar = "v2x_gencs"

897 . quietly: chp9matchmultimp

898 . * Successful social vs. matched counterparts
899 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
                                                    DF:     min       =       6.55
                                                            avg       =       6.55
    DF adjustment:   Small sample                   max       =       6.55
                                                    F(   8,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                    (Within VCE adjusted for 9 clusters in revid)
    ------------------------------------------------------------------------------
       v2x gencs |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
              0  |   -.004904   .0029678    -1.65   0.145    -.0120217    .0022136
              1  |  -.0018561   .0038265    -0.49   0.643    -.0110334    .0073211
              3  |    .035431   .0252095     1.41   0.206    -.0250294    .0958914
              4  |   .0464623   .0273935     1.70   0.137    -.0192361    .1121607
              5  |    .047011     .02789     1.69   0.139    -.0198783    .1139003
              6  |   .0464246   .0279288     1.66   0.143    -.0205576    .1134068
              7  |    .051272    .027683     1.85   0.109    -.0151209    .1176648
              8  |   .0422877   .0279493     1.51   0.177    -.0247438    .1093193
              9  |   .0445354   .0283639     1.57   0.163    -.0234904    .1125612
             10  |   .0464458   .0276292     1.68   0.140     -.019818    .1127096
                 |
      revny#year |
            1  0 |   .0049973    .002735     1.83   0.113    -.0015621    .0115568
            1  1 |   .0021825   .0036523     0.60   0.570     -.006577     .010942
            1  3 |   .0515096   .0549588     0.94   0.382    -.0802994    .1833187
            1  4 |    .08486    .0831254     1.02   0.344    -.1145016    .2842217
            1  5 |   .0982404   .0822209     1.19   0.274    -.0989519    .2954328
            1  6 |   .1034701   .0836388     1.24   0.259    -.0971228    .3040631
            1  7 |   .0976916   .0846869     1.15   0.289    -.1054149     .300798
            1  8 |   .1097128   .0881019     1.25   0.256    -.1015842    .3210097
            1  9 |   .1051689   .0872609     1.21   0.270    -.1041111    .3144489
            1 10 |   .0996351   .0866415     1.15   0.290    -.1081593    .3074295
                 |
           _cons |   .2889726   .0380118     7.60   0.000      .197808    .3801372
    -------------+----------------------------------------------------------------
         sigma_u |  .17128259
         sigma_e |  .09500094
             rho |  .76474204   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

900 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        374
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
    DF adjustment:   Small sample                   DF:     min       =       6.55
                                                            avg       =       6.55
    Within VCE type: Delta-method                           max       =       6.55

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3

    5._at        : revny           =           0
                   year            =           4
```

```
6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10. at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	.2840686	.0371397	7.65	0.000	.1949956	.3731415
2	.2871165	.0382027	7.52	0.000	.195494	.378739
3	.2889726	.0380118	7.60	0.000	.197808	.3801372
4	.3244036	.025508	12.72	0.000	.2632271	.38558
5	.3354349	.0248885	13.48	0.000	.2757442	.3951256
6	.3359836	.0267095	12.58	0.000	.2719255	.4000417
7	.3353972	.0270504	12.40	0.000	.2705216	.4002728
8	.3402446	.0278327	12.22	0.000	.2734926	.4069965
9	.3312603	.0331504	9.99	0.000	.2517549	.4107657
10	.333508	.0342409	9.74	0.000	.2513873	.4156286
11	.3354184	.0334287	10.03	0.000	.2552456	.4155912
12	.2890659	.0372636	7.76	0.000	.1996956	.3784362
13	.289299	.0372798	7.76	0.000	.1998898	.3787081
14	.2889726	.0380118	7.60	0.000	.197808	.3801372
15	.3759132	.0439933	8.54	0.000	.270403	.4814234
16	.4202949	.060605	6.93	0.000	.2749446	.5656453
17	.4342241	.0573507	7.57	0.000	.2966786	.5717695
18	.4388673	.0582626	7.53	0.000	.2991347	.5786
19	.4379361	.0582867	7.51	0.000	.2981458	.5777264
20	.4409731	.0562856	7.83	0.000	.305982	.5759641
21	.4386769	.0547429	8.01	0.000	.3073856	.5699682
22	.4350535	.0548787	7.93	0.000	.3034366	.5666704

```
901 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

902 . * Successful urban civic vs. matched counterparts
903 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946
```

```
Group variable: diffid                          Number of groups  =         86
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2397
                                                Largest FMI       =     0.0813
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      21.32
                                                        avg       =      22.95
                                                        max       =      23.21
Model F test:       Equal FMI                   F(  20,   22.0)   =       3.71
Within VCE type:       Robust                   Prob > F          =     0.0018

                                 (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
   v2x_gencs |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |  -.0109041   .0056933    -1.92   0.068    -.0226756    .0008673
           1 |  -.0049749   .0042537    -1.17   0.254    -.0137698      .00382
           3 |   .0286774   .0110465     2.60   0.016     .0058375    .0515173
           4 |   .0455418   .0145614     3.13   0.005     .0154346    .0756489
           5 |   .0445189    .015914     2.80   0.010      .011615    .0774228
           6 |   .0453181   .0169594     2.67   0.014     .0102512     .080385
           7 |   .0435577   .0176027     2.47   0.021      .007142    .0799733
           8 |   .0413264   .0167778     2.46   0.022     .0066167    .0760361
           9 |   .0509173   .0174361     2.92   0.008     .0148132    .0870215
          10 |   .0557424   .0203294     2.74   0.012     .0136356    .0978491
             |
  revny#year |
        1  0 |   .0016324   .0071432     0.23   0.821    -.0131369    .0164017
        1  1 |   .0012472   .0046777     0.27   0.792    -.0084244    .0109189
        1  3 |   .0353522    .017517     2.02   0.055    -.0008659    .0715704
        1  4 |   .0834851   .0239985     3.48   0.002     .0338659    .1331043
        1  5 |   .0902506   .0271433     3.32   0.003     .0341263     .146375
        1  6 |   .0824281   .0266517     3.09   0.005     .0273105    .1375457
        1  7 |   .0889997   .0270811     3.29   0.003     .0329522    .1450473
        1  8 |   .0875359   .0257798     3.40   0.003     .0341724    .1408994
        1  9 |   .0809553   .0276643     2.93   0.008      .02365     .1382606
        1 10 |   .0850662   .0315636     2.70   0.013     .0194865    .1506458
             |
       _cons |   .5343431   .0125235    42.67   0.000     .5084495    .5602367
-------------+----------------------------------------------------------------
     sigma_u |  .21555694
     sigma_e |  .06794699
         rho |  .90961923   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

904 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        946
                                                Average RVI       =     3.0322
                                                Largest FMI       =     0.1082
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      20.57
                                                        avg       =      22.77
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0
```

```
13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17. at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.523439	.0148136	35.34	0.000	.4928103	.5540676
2	.5293682	.013874	38.16	0.000	.5006824	.5580541
3	.5343431	.0125235	42.67	0.000	.5084495	.5602367
4	.5630205	.0099326	56.68	0.000	.5424838	.5835572
5	.5798849	.0120611	48.08	0.000	.5549474	.6048223
6	.578862	.011819	48.98	0.000	.554425	.6032989
7	.5796612	.0124583	46.53	0.000	.5539	.6054223
8	.5779008	.0121973	47.38	0.000	.5526512	.6031503
9	.5756695	.0102772	56.01	0.000	.5543859	.5969531
10	.5852604	.0119608	48.93	0.000	.5604454	.6100755
11	.5900854	.0165257	35.71	0.000	.5558217	.6243492
12	.5250714	.0149269	35.18	0.000	.4942085	.5559342
13	.5306155	.0130769	40.58	0.000	.5035776	.5576534
14	.5343431	.0125235	42.67	0.000	.5084495	.5602367
15	.5983727	.0140848	42.48	0.000	.5692509	.6274945
16	.66337	.0148196	44.76	0.000	.6327289	.694011
17	.6691126	.0175747	38.07	0.000	.6327707	.7054545
18	.6620893	.0179673	36.85	0.000	.6249271	.6992514
19	.6669005	.0186174	35.82	0.000	.6283249	.7054762
20	.6632054	.0196342	33.78	0.000	.6225215	.7038893
21	.6662157	.0206749	32.22	0.000	.6232974	.7091341
22	.6751516	.021933	30.78	0.000	.6294817	.7208216

```
905 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 26 revolutions and 60 matched cases

906 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 4.1 percent of observations

907 . * Complete case sample as robustness test
908 . use matcheddiffindifflong.dta, clear

909 . xtreg v2x_gencs i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       374
    Group variable: diffid                          Number of groups   =        34

    R-sq:  within  = 0.2285                         Obs per group: min =        11
           between = 0.0077                                        avg =      11.0
           overall = 0.0373                                        max =        11

                                                    F(8,8)             =         .
    corr(u_i, Xb)  = -0.0578                        Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
```

v2x_gencs	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.004904	.0029678	-1.65	0.137	-.0117477	.0019397
1	-.0018561	.0038265	-0.49	0.641	-.0106801	.0069679
3	.035431	.0252095	1.41	0.198	-.0227021	.0935641
4	.0464623	.0273935	1.70	0.128	-.0167071	.1096317
5	.047011	.02789	1.69	0.130	-.0173035	.1113255
6	.0464246	.0279288	1.66	0.135	-.0179792	.1108284
7	.051272	.027683	1.85	0.101	-.0125652	.1151091
8	.0422877	.0279493	1.51	0.169	-.0221636	.106739
9	.0445354	.0283639	1.57	0.155	-.0208719	.1099426
10	.0464458	.0276292	1.68	0.131	-.0172673	.1101589
revny#year						
1 0	.0049973	.002735	1.83	0.105	-.0013096	.0113043

```
       1  1  |   .0021825   .0036523     0.60   0.567    -.0062398    .0106048
       1  3  |   .0515096   .0549588     0.94   0.376    -.0752257    .1782449
       1  4  |    .08486   .0831254     1.02   0.337    -.1068275    .2765476
       1  5  |   .0982404   .0822209     1.19   0.266    -.0913614    .2878423
       1  6  |   .1034701   .0836388     1.24   0.251    -.0894014    .2963417
       1  7  |   .0976916   .0846869     1.15   0.282    -.0975967    .2929798
       1  8  |   .1097128   .0881019     1.25   0.248    -.0934507    .3128762
       1  9  |   .1051689   .0872609     1.21   0.263    -.0960552     .306393
       1 10  |   .0996351   .0866415     1.15   0.283    -.1001606    .2994308
             |
       _cons |   .2889726   .0380118     7.60   0.000     .2013172     .376628
-------------+----------------------------------------------------------------
     sigma_u |  .17128259
     sigma_e |  .09500094
         rho |  .76474204   (fraction of variance due to u_i)
------------------------------------------------------------------------------

910 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .2840686   .0371397     7.65   0.000     .2112761     .356861
       0  1  |   .2871165   .0382027     7.52   0.000     .2122405    .3619924
       0  2  |   .2889726   .0380118     7.60   0.000     .2144708    .3634744
       0  3  |   .3244036    .025508    12.72   0.000     .2744088    .3743984
       0  4  |   .3354349   .0248885    13.48   0.000     .2866543    .3842155
       0  5  |   .3359836   .0267095    12.58   0.000     .2836339    .3883333
       0  6  |   .3353972   .0270504    12.40   0.000     .2823794     .388415
       0  7  |   .3402446   .0278327    12.22   0.000     .2856934    .3947957
       0  8  |   .3312603   .0331504     9.99   0.000     .2662867    .3962339
       0  9  |    .333508   .0342409     9.74   0.000     .2663971    .4006188
       0 10  |   .3354184   .0334287    10.03   0.000     .2698994    .4009374
       1  0  |   .2890659   .0372636     7.76   0.000     .2160305    .3621013
       1  1  |    .289299   .0372798     7.76   0.000     .2162318    .3623661
       1  2  |   .2889726   .0380118     7.60   0.000     .2144708    .3634744
       1  3  |   .3759132   .0439933     8.54   0.000     .2896879    .4621385
       1  4  |   .4202949    .060605     6.93   0.000     .3015114    .5390785
       1  5  |   .4342241   .0573507     7.57   0.000     .3218188    .5466293
       1  6  |   .4388673   .0582626     7.53   0.000     .3246747     .55306
       1  7  |   .4379361   .0582867     7.51   0.000     .3236964    .5521759
       1  8  |   .4409731   .0562856     7.83   0.000     .3306554    .5512908
       1  9  |   .4386769   .0547429     8.01   0.000     .3313827    .5459711
       1 10  |   .4350535   .0548787     7.93   0.000     .3274932    .5426138
------------------------------------------------------------------------------

911 . xtreg v2x_gencs i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       892
Group variable: diffid                          Number of groups   =        86

R-sq:  within  = 0.3690                         Obs per group: min =         5
       between = 0.0161                                        avg =      10.4
       overall = 0.0465                                        max =        11

                                                F(20,25)           =      9.15
corr(u_i, Xb)  = 0.0153                         Prob > F           =    0.0000

                                  (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   v2x_gencs |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0109125   .0056997    -1.91   0.067    -.0226512    .0008261
          1  |  -.0049836   .0042582    -1.17   0.253    -.0137536    .0037864
          3  |   .0286994   .0110599     2.59   0.016     .0059212    .0514776
          4  |   .0455804   .0145764     3.13   0.004     .0155597    .0756012
          5  |   .0445573   .0159314     2.80   0.010      .011746    .0773686
          6  |   .0456156   .0170468     2.68   0.013     .0105071    .0807242
          7  |    .049204    .016818     2.93   0.007     .0145666    .0838414
          8  |   .0465571   .0158921     2.93   0.007     .0138268    .0792875
          9  |   .0624005   .0172996     3.61   0.001     .0267712    .0980297
         10  |   .0690106   .0216808     3.18   0.004     .0243582    .1136631
             |
  revny#year |
       1  0  |   .0016408   .0071512     0.23   0.820    -.0130874     .016369
       1  1  |    .001256   .0046824     0.27   0.791    -.0083877    .0108996
       1  3  |   .0353302   .0175317     2.02   0.055     -.000777    .0714375
       1  4  |   .0834465   .0240197     3.47   0.002     .0339769     .132916
       1  5  |   .0828936   .0281075     2.95   0.007      .025005    .1407822
       1  6  |   .0745563   .0275833     2.70   0.012     .0177475    .1313651
       1  7  |   .0787511   .0297163     2.65   0.014     .0175492     .139953
       1  8  |   .0775559   .0288412     2.69   0.013     .0181563    .1369554
       1  9  |   .0765295   .0300095     2.55   0.017     .0147238    .1383353
       1 10  |   .0793893   .0335838     2.36   0.026     .0102222    .1485563
             |
       _cons |   .5262094   .0107693    48.86   0.000     .5040296    .5483892
-------------+----------------------------------------------------------------
     sigma_u |  .21655675
     sigma_e |   .0639218
```

```
         rho |  .91985543   (fraction of variance due to u_i)
------------------------------------------------------------------------------

912 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .5152969   .0130848    39.38   0.000     .4896511    .5409426
       0  1  |   .5212258   .0121776    42.80   0.000     .4973581    .5450935
       0  2  |   .5262094   .0107693    48.86   0.000      .505102    .5473168
       0  3  |   .5549088    .008981    61.79   0.000     .5373065    .5725111
       0  4  |   .5717898   .0114144    50.09   0.000     .5494179    .5941617
       0  5  |   .5707667   .0119295    47.84   0.000     .5473853    .5941481
       0  6  |    .571825   .0128872    44.37   0.000     .5465665    .5970835
       0  7  |   .5754134   .0125458    45.86   0.000      .550824    .6000028
       0  8  |   .5727665   .0110564    51.80   0.000     .5510964    .5944367
       0  9  |   .5886099   .0138434    42.52   0.000     .5614773    .6157424
       0 10  |    .59522   .0197065    30.20   0.000      .556596    .6338441
       1  0  |   .5169377   .0132156    39.12   0.000     .4910357    .5428397
       1  1  |   .5224818    .011291    46.27   0.000     .5003518    .5446118
       1  2  |   .5262094   .0107693    48.86   0.000      .505102    .5473168
       1  3  |    .590239   .0125355    47.09   0.000     .5656698    .6148082
       1  4  |   .6552363   .0161622    40.54   0.000      .623559    .6869136
       1  5  |   .6536603   .0188073    34.76   0.000     .6167987     .690522
       1  6  |   .6463813   .0195019    33.14   0.000     .6081584    .6846043
       1  7  |   .6541645   .0196349    33.32   0.000     .6156808    .6926483
       1  8  |   .6503224   .0214993    30.25   0.000     .6081845    .6924603
       1  9  |   .6651394   .0189041    35.18   0.000      .628088    .7021908
       1 10  |   .6746093   .0185541    36.36   0.000      .638244    .7109746
------------------------------------------------------------------------------

913 .
914 . * Women's political participation
915 . * Multiple imputation
916 . clear

917 . use matcheddiffindifflong.dta, clear

918 . global yvar = "v2x_genpp"

919 . quietly: chp9matchmultimp

920 . * Successful social vs. matched counterparts
921 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.1157
                                                    Largest FMI       =     0.1116
                                                    Complete DF       =          8
                                                    DF:     min       =       6.08
                                                            avg       =       6.49
    DF adjustment:   Small sample                   max       =       6.55
                                                    F(   9,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                   (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
   v2x_genpp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0069723   .0075921    -0.92   0.391    -.0252158    .0112711
          1  |    .000371   .0027124     0.14   0.896    -.0062442    .0069862
          3  |   .0527563   .0210103     2.51   0.043     .0023543    .1031583
          4  |   .0479642   .0200457     2.39   0.050    -.0001251    .0960535
          5  |   .0730182   .0254266     2.87   0.026     .0120266    .1340099
          6  |   .0635809   .0261913     2.43   0.048     .0007558    .1264061
          7  |   .0574422   .0266707     2.15   0.071    -.0065327    .1214171
          8  |   .0621547   .0264495     2.35   0.054    -.0012898    .1255991
          9  |   .0946556   .0400363     2.36   0.052    -.0013709     .190682
         10  |   .0950791   .0400464     2.37   0.052    -.0009716    .1911299
             |
  revny#year |
       1  0  |   .0089721   .0076652     1.17   0.283    -.0094464    .0273906
       1  1  |   -.000138   .0027271    -0.05   0.961    -.0067878    .0065117
       1  3  |   .0056104   .0804938     0.07   0.947    -.1874432    .1986639
       1  4  |   .0499637   .0729183     0.69   0.517    -.1249217     .224849
       1  5  |    .059858   .0806505     0.74   0.484    -.1335712    .2532872
       1  6  |   .0689557   .0790909     0.87   0.414    -.1207331    .2586445
       1  7  |   .0750944   .0782453     0.96   0.371    -.1125665    .2627554
       1  8  |   .0972949   .0927947     1.05   0.332    -.1252597    .3198494
```

```
       1  9  |   .0715731   .0883736     0.81   0.446    -.1403783    .2835245
       1 10  |   .0979185   .0950866     1.03   0.340    -.1301326    .3259696
             |
        _cons |   .2903795    .035198     8.25   0.000     .2059614    .3747975
-------------+----------------------------------------------------------------
     sigma_u |  .21019272
     sigma_e |  .10594671
         rho |  .79740879   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

922 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0650
                                                Largest FMI       =     0.0340
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.54
                                                        avg       =       6.54
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8. at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22. at       : revny           =           1
               year            =          10
```

```
------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .2834071   .0358944     7.90   0.000      .197319    .3694953
          2  |   .2907504    .035322     8.23   0.000      .206035    .3754658
          3  |   .2903795    .035198     8.25   0.000     .2059614    .3747975
          4  |   .3431358    .030865    11.12   0.000     .2691094    .4171622
          5  |   .3383437   .0284197    11.91   0.000     .2701818    .4065055
          6  |   .3633977    .032567    11.16   0.000     .2852895    .4415059
          7  |   .3539604   .0314937    11.24   0.000     .2784263    .4294944
          8  |   .3478217   .0307323    11.32   0.000     .2741135    .4215298
          9  |   .3525341   .0307031    11.48   0.000      .278896    .4261723
         10  |    .385035   .0296238    13.00   0.000     .3139853    .4560847
         11  |   .3854586    .029684    12.99   0.000     .3142645    .4566527
         12  |   .2923792   .0334021     8.75   0.000     .2122683    .3724902
         13  |   .2906124   .0349874     8.31   0.000     .2066994    .3745253
         14  |   .2903795    .035198     8.25   0.000     .2059614    .3747975
         15  |   .3487461   .0619149     5.63   0.001     .2002532    .4972391
         16  |   .3883073   .0496768     7.82   0.000      .269165    .5074496
         17  |   .4232557   .0491487     8.61   0.000     .3053799    .5411316
         18  |   .4229161   .0489293     8.64   0.000     .3055666    .5402656
         19  |   .4229161   .0489293     8.64   0.000     .3055666    .5402656
         20  |    .449829   .0639773     7.03   0.000     .2963897    .6032682
         21  |   .4566081   .0646883     7.06   0.000     .3014636    .6117527
         22  |   .4833771   .0739079     6.54   0.000     .3061211    .6606331
------------------------------------------------------------------------------
```

```
923 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

924 . * Successful urban civic vs. matched counterparts
925 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        924

    Group variable: diffid                          Number of groups  =         84
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.2510
                                                    Largest FMI       =     0.1937
                                                    Complete DF       =         25
    DF adjustment:   Small sample                   DF:     min       =      18.05
                                                            avg       =      22.53
                                                            max       =      23.21
    Model F test:       Equal FMI                   F(  20,   22.0)   =       7.97
    Within VCE type:        Robust                  Prob > F          =     0.0000

                                  (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
   v2x_genpp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |  -.0106759   .0051387    -2.08   0.049    -.0213006   -.0000511
           1 |  -.0072245   .0045158    -1.60   0.123    -.0165615    .0021124
           3 |   .0414533   .0183944     2.25   0.034     .0034211    .0794856
           4 |   .0489586   .0203894     2.40   0.025     .0068014    .0911158
           5 |   .0485324   .0233874     2.08   0.049     .0001765    .0968883
           6 |    .056913   .0219603     2.59   0.016     .0115063    .1023198
           7 |   .0570015   .0261781     2.18   0.040     .0028578    .1111453
           8 |   .0377407   .0274754     1.37   0.183     -.019107    .0945884
           9 |    .068059   .0242727     2.80   0.010     .0176871    .1184309
          10 |   .0733022   .0256066     2.86   0.009     .0200485    .1265559
             |
  revny#year |
        1  0 |  -.0060132   .0107217    -0.56   0.580    -.0281814     .016155
        1  1 |  -.0045149   .0127723    -0.35   0.727    -.0309229    .0218932
        1  3 |  -.0671006   .0421347    -1.59   0.125    -.1542183    .0200171
        1  4 |   .0039078   .0372706     0.10   0.917     -.073153    .0809686
        1  5 |   .0174919   .0386357     0.45   0.655    -.0623992    .0973829
        1  6 |   .0093821   .0410859     0.23   0.821      -.07559    .0943542
        1  7 |   .0121548   .0398154     0.31   0.763    -.0702851    .0945947
        1  8 |   .0368994   .0408671     0.90   0.376    -.0477728    .1215716
        1  9 |   .0240632   .0332585     0.72   0.478     -.045396    .0935224
        1 10 |   .0438837   .0322892     1.36   0.191    -.0239388    .1117062
             |
       _cons |   .6404724    .011013    58.16   0.000     .6177018    .6632429
-------------+----------------------------------------------------------------
     sigma_u |  .22808215
     sigma_e |  .08378856
         rho |   .8810927   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.
```

```
926 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        924
                                                Average RVI       =     1.8656
                                                Largest FMI       =     0.2382
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      16.73
                                                        avg       =      22.13
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9. at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20. at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .6297965   .0113424    55.53   0.000     .6063449    .6532481
          2  |   .6332478   .0112698    56.19   0.000     .6099463    .6565493
          3  |   .6404724    .011013    58.16   0.000     .6177018    .6632429
          4  |   .6819257   .0179091    38.08   0.000     .6448967    .7189547
          5  |    .689431   .0175768    39.22   0.000     .6530891    .7257728
          6  |   .6890047   .0197162    34.95   0.000     .6482395      .72977
          7  |   .6973854   .0189325    36.84   0.000     .6582387    .7365321
          8  |   .6974739   .0215322    32.39   0.000     .6529319    .7420159
          9  |   .6782131    .022433    30.23   0.000     .6317812    .7246449
         10  |   .7085314   .0204473    34.65   0.000     .6660181    .7510446
         11  |   .7137746    .021649    32.97   0.000     .6686108    .7589383
         12  |   .6237833   .0145296    42.93   0.000     .5937419    .6538247
         13  |    .628733   .0149551    42.04   0.000     .5978118    .6596542
         14  |   .6404724    .011013    58.16   0.000     .6177018    .6632429
         15  |   .6148251   .0320803    19.17   0.000     .5484958    .6811544
         16  |   .6933387   .0215039    32.24   0.000     .6488772    .7378003
         17  |   .7064966   .0217464    32.49   0.000       .66152    .7514732
         18  |   .7067675   .0243558    29.02   0.000     .6563673    .7571677
```

```
         19  |   .7096287   .0227304    31.22   0.000     .6624454     .756812
         20  |   .7151125   .0235354    30.38   0.000      .666077    .7641479
         21  |   .7325945   .0200446    36.55   0.000     .6902528    .7749363
         22  |   .7576582     .02053    36.91   0.000     .7143142    .8010023
-------------------------------------------------------------------------------

927 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 26 revolutions and 58 matched cases

928 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 4.2 percent of observations

929 . * Complete case sample as robustness test
930 . use matcheddiffindifflong.dta, clear

931 . xtreg v2x_genpp i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       373
Group variable: diffid                          Number of groups   =        34

R-sq:  within  = 0.2337                         Obs per group: min =        10
       between = 0.0123                                        avg =      11.0
       overall = 0.0505                                        max =        11

                                                F(8,8)             =         .
corr(u_i, Xb)  = 0.0056                         Prob > F           =         .

                                (Std. Err. adjusted for 9 clusters in revid)
-------------------------------------------------------------------------------
             |               Robust
   v2x_genpp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+-----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0042834   .0050877    -0.84   0.424    -.0160157     .007449
          1  |   .0030599   .0027897     1.10   0.305    -.0033732    .0094931
          3  |   .0554453   .0229665     2.41   0.042     .0024845     .108406
          4  |   .0506532   .0219227     2.31   0.050     .0000993     .101207
          5  |   .0757072   .0269042     2.81   0.023     .0136661    .1377483
          6  |   .0662699   .0277611     2.39   0.044     .0022527     .130287
          7  |   .0601311   .0283059     2.12   0.066    -.0051424    .1254047
          8  |   .0648436   .0282329     2.30   0.051    -.0002616    .1299489
          9  |   .0973445   .0411438     2.37   0.046     .0024667    .1922223
         10  |   .0977681   .0411504     2.38   0.045     .0028752     .192661
             |
  revny#year |
        1  0 |   .0062831   .0051285     1.23   0.255    -.0055432    .0181095
        1  1 |   -.002827   .0027895    -1.01   0.341    -.0092596    .0036056
        1  3 |   .0029214   .0803521     0.04   0.972    -.1823709    .1882137
        1  4 |   .0472747   .0736003     0.64   0.539    -.1224478    .2169973
        1  5 |   .0571691   .0814941     0.70   0.503    -.1307566    .2450947
        1  6 |   .0662668   .0799975     0.83   0.431    -.1182077    .2507413
        1  7 |   .0724055   .0791943     0.91   0.387    -.1102169    .2550279
        1  8 |   .0946059   .0937921     1.01   0.343     -.121679    .3108908
        1  9 |   .0688842   .0894112     0.77   0.463    -.1372984    .2750667
        1 10 |   .0952295   .0961773     0.99   0.351    -.1265556    .3170147
             |
       _cons |   .2889258   .0353261     8.18   0.000     .2074637     .370388
-------------+-----------------------------------------------------------------
     sigma_u |  .21011377
     sigma_e |  .10597664
         rho |  .79719605   (fraction of variance due to u_i)
-------------------------------------------------------------------------------

932 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        373
Model VCE    : Robust

Expression   : Linear prediction, predict()

-------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+-----------------------------------------------------------------
  revny#year |
        0  0 |   .2846425   .0356031     7.99   0.000     .2148617    .3544232
        0  1 |   .2919858   .0352755     8.28   0.000     .2228471    .3611245
        0  2 |   .2889258   .0353261     8.18   0.000     .2196879    .3581638
        0  3 |   .3443711   .0315437    10.92   0.000     .2825466    .4061957
        0  4 |    .339579   .0290849    11.68   0.000     .2825737    .3965843
        0  5 |    .364633   .0331376    11.00   0.000     .2996846    .4295815
        0  6 |   .3551957   .0321436    11.05   0.000     .2921955    .4181959
        0  7 |    .349057   .0314415    11.10   0.000     .2874328    .4106811
        0  8 |   .3537695   .0314792    11.24   0.000     .2920714    .4154676
        0  9 |   .3862704   .0303377    12.73   0.000     .3268097    .4457311
        0 10 |   .3866939   .0303941    12.72   0.000     .3271226    .4462652
        1  0 |   .2909256   .0335296     8.68   0.000     .2252088    .3566425
        1  1 |   .2891588   .0351154     8.23   0.000     .2203338    .3579838
        1  2 |   .2889258   .0353261     8.18   0.000     .2196879    .3581638
        1  3 |   .3472925   .0615341     5.64   0.000     .2266879    .4678972
        1  4 |   .3868537   .0497955     7.77   0.000     .2892564     .484451
        1  5 |   .4218021   .0494409     8.53   0.000     .3248998    .5187044
        1  6 |   .4214625   .0492235     8.56   0.000     .3249862    .5179388
        1  7 |   .4214625   .0492235     8.56   0.000     .3249862    .5179388
        1  8 |   .4483754   .0643023     6.97   0.000     .3223451    .5744056
        1  9 |   .4551545   .0650316     7.00   0.000      .327695    .5826141
        1 10 |   .4819235   .0742837     6.49   0.000       .33633     .627517
-------------------------------------------------------------------------------
```

```
933 . xtreg v2x_genpp i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
    note: 1.revny omitted because of collinearity

    Fixed-effects (within) regression               Number of obs      =       882
    Group variable: diffid                          Number of groups   =        86

    R-sq:  within  = 0.1997                         Obs per group: min =         5
           between = 0.0485                                        avg =      10.3
           overall = 0.0106                                        max =        11

                                                    F(20,25)           =     13.64
    corr(u_i, Xb)  = -0.0401                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 26 clusters in revid)
    ------------------------------------------------------------------------------
                 |               Robust
       v2x_genpp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
         1.revny |          0  (omitted)
                 |
            year |
              0  |  -.0109174   .0052448    -2.08   0.048    -.0217193   -.0001156
              1  |  -.0074126    .004613    -1.61   0.121    -.0169132     .002088
              3  |   .0434078   .0184673     2.35   0.027     .0053736    .0814419
              4  |   .0493101   .0208599     2.36   0.026     .0063483    .0922718
              5  |   .0487922   .0239157     2.04   0.052    -.0004632    .0980475
              6  |   .0575126   .0225515     2.55   0.017      .011067    .1039582
              7  |   .0562539   .0274857     2.05   0.051     -.000354    .1128618
              8  |   .0350392   .0287684     1.22   0.235    -.0242103    .0942888
              9  |   .0580559   .0215431     2.69   0.012      .013687    .1024248
             10  |    .059032   .0225555     2.62   0.015      .012578     .105486
                 |
      revny#year |
           1  0  |  -.0057716   .0107097    -0.54   0.595    -.0278285    .0162854
           1  1  |  -.0043268   .0128311    -0.34   0.739    -.0307529    .0220994
           1  3  |   -.069055   .0422396    -1.63   0.115    -.1560491     .017939
           1  4  |   .0035563   .0376172     0.09   0.925    -.0739177    .0810303
           1  5  |    .019508   .0398893     0.49   0.629    -.0626455    .1016615
           1  6  |   .0113544    .042278     0.27   0.790    -.0757187    .0984275
           1  7  |   .0236832   .0423826     0.56   0.581    -.0636054    .1109717
           1  8  |   .0488988   .0431022     1.13   0.267    -.0398719    .1376695
           1  9  |   .0497483    .027469     1.81   0.082    -.0068251    .1063217
           1 10  |   .0589472   .0307922     1.91   0.067    -.0044705     .122365
                 |
            cons |    .631881   .0106971    59.07   0.000     .6098499    .6539122
    -------------+----------------------------------------------------------------
         sigma_u |  .22784693
         sigma_e |  .08262757
             rho |  .88377364   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------

934 . margins i.revny#ib(2).year, noestimcheck

    Adjusted predictions                            Number of obs     =        882
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
      revny#year |
           0  0  |   .6209636   .0108976    56.98   0.000     .5996047    .6423226
           0  1  |   .6244684   .0109302    57.13   0.000     .6030456    .6458912
           0  2  |    .631881   .0106971    59.07   0.000     .6109151     .652847
           0  3  |   .6752888   .0185086    36.49   0.000     .6390126     .711565
           0  4  |   .6811911   .0184995    36.82   0.000     .6449327    .7174496
           0  5  |   .6806732   .0209614    32.47   0.000     .6395897    .7217567
           0  6  |   .6893936   .0200926    34.31   0.000     .6500128    .7287745
           0  7  |   .6881349    .023352    29.47   0.000     .6423658    .7339041
           0  8  |   .6669203   .0239339    27.87   0.000     .6200108    .7138298
           0  9  |   .6899369   .0172183    40.07   0.000     .6561898    .7236841
           0 10  |    .690913   .0175902    39.28   0.000     .6564368    .7253893
           1  0  |    .615192   .0138019    44.57   0.000     .5881408    .6422432
           1  1  |   .6201417   .0142729    43.45   0.000     .5921673    .6481161
           1  2  |    .631881   .0106971    59.07   0.000     .6109151     .652847
           1  3  |   .6062338   .0315365    19.22   0.000     .5444234    .6680442
           1  4  |   .6847474   .0211677    32.35   0.000     .6432595    .7262354
           1  5  |   .7001812   .0221789    31.57   0.000     .6567114     .743651
           1  6  |    .700748   .0245469    28.55   0.000     .6526369    .7488591
           1  7  |   .7118181   .0230669    30.86   0.000     .6666079    .7570283
           1  8  |   .7158191   .0233385    30.67   0.000     .6700764    .7615618
           1  9  |   .7396852   .0184104    40.18   0.000     .7036015     .775769
           1 10  |   .7498603   .0231823    32.35   0.000     .7044237    .7952969
    ------------------------------------------------------------------------------

935 .
```

```
936 . * Successful social vs, successful urban civic compared directly
937 . * Women's political participation
938 . * Multiple imputation
939 . clear

940 . use simplediffindifflong.dta, clear

941 . global yvar = "v2x_genpp"

942 . quietly: chp9simpmultimp

943 . * Successful social vs. successful urban civic
944 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        473

    Group variable: revid                           Number of groups  =         43
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.1671
                                                    Largest FMI       =     0.1028
                                                    Complete DF       =         42
    DF adjustment:   Small sample                   DF:     min       =      35.04
                                                            avg       =      38.98
                                                            max       =      40.13
    Model F test:       Equal FMI                   F(  20,   39.2)   =       1.96
    Within VCE type:        Robust                  Prob > F          =     0.0349

                                  (Within VCE adjusted for 43 clusters in revid)
------------------------------------------------------------------------------
   v2x_genpp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   1.leftist |          0  (omitted)
             |
        year |
          0  |  -.0148307   .0111662    -1.33   0.192    -.0373961    .0077347
          1  |  -.0105094   .0103061    -1.02   0.314    -.0313366    .0103178
          3  |  -.0382809   .0309053    -1.24   0.223    -.1007364    .0241745
          4  |   .0355843   .0271463     1.31   0.197    -.0192747    .0904434
          5  |   .0511974   .0280898     1.82   0.076    -.0055911    .1079858
          6  |   .0516352   .0301991     1.71   0.095    -.0094562    .1127266
          7  |   .0536079   .0290442     1.85   0.073    -.0051643    .1123802
          8  |   .0664717   .0277736     2.39   0.022     .0101567    .1227867
          9  |   .0783379   .0275053     2.85   0.007     .0225847    .1340911
         10  |   .0868203    .030313     2.86   0.007      .025284    .1483566
             |
leftist#year |
       1  0  |   .0070356   .0140055     0.50   0.619    -.0213781    .0354493
       1  1  |   .0039145   .0118165     0.33   0.742    -.0200009    .0278299
       1  3  |   .1168714   .0675508     1.73   0.091    -.0196398    .2533825
       1  4  |   .1007388   .0657209     1.53   0.133    -.0320742    .2335519
       1  5  |   .1696188   .0747674     2.27   0.029     .0185158    .3207219
       1  6  |   .1689627   .0754984     2.24   0.031     .0163682    .3215572
       1  7  |   .1727442   .0761593     2.27   0.029      .018811    .3266773
       1  8  |   .1569433   .0745713     2.10   0.042     .0061926    .3076939
       1  9  |   .1484431   .0747837     1.98   0.054    -.0027317    .2996178
       1 10  |   .1639372   .0783738     2.09   0.043     .0054788    .3223956
             |
       _cons |   .5361023   .0194335    27.59   0.000     .4968298    .5753749
-------------+----------------------------------------------------------------
     sigma_u |  .27397923
     sigma_e |  .10783577
         rho |  .86586541   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

945 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        473
                                                    Average RVI       =     2.3913
                                                    Largest FMI       =     0.1302
                                                    Complete DF       =         42
    DF adjustment:   Small sample                   DF:     min       =      33.40
                                                            avg       =      38.97
    Within VCE type: Delta-method                           max       =      40.13

    Expression   : Linear prediction, predict(xb)

    1._at        : leftist         =           0
                   year            =           0

    2._at        : leftist         =           0
                   year            =           1

    3._at        : leftist         =           0
                   year            =           2

    4._at        : leftist         =           0
                   year            =           3

    5._at        : leftist         =           0
                   year            =           4
```

```
6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8._at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10. at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21. at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
          at |
           1 |   .5212717   .0185765    28.06   0.000      .483731    .5588124
           2 |    .525593    .018989    27.68   0.000     .4872187    .5639673
           3 |   .5361023   .0194335    27.59   0.000     .4968298    .5753749
           4 |   .4978214    .028934    17.21   0.000     .4393497    .5562931
           5 |   .5716867    .021808    26.21   0.000     .5276157    .6157577
           6 |   .5872997   .0223029    26.33   0.000     .5421987    .6324007
           7 |   .5877376   .0238893    24.60   0.000     .5393742    .6361009
           8 |   .5897103   .0231073    25.52   0.000     .5429063    .6365143
           9 |   .6025741   .0227966    26.43   0.000     .5562415    .6489066
          10 |   .6144403   .0248259    24.75   0.000     .5640713    .6648092
          11 |   .6229226   .0269302    23.13   0.000     .5681573     .677688
          12 |   .5283073    .020934    25.24   0.000     .4859419    .5706727
          13 |   .5295075   .0208572    25.39   0.000     .4873401    .5716748
          14 |   .5361023   .0194335    27.59   0.000     .4968298    .5753749
          15 |   .6146928   .0526863    11.67   0.000     .5082208    .7211648
          16 |   .6724255   .0492355    13.66   0.000     .5729271    .7719239
          17 |   .7569186   .0564704    13.40   0.000     .6427993    .8710378
          18 |   .7567002   .0563839    13.42   0.000      .642756    .8706445
          19 |   .7624545    .057549    13.25   0.000     .6461556    .8787534
          20 |   .7595173    .056302    13.49   0.000     .6457385    .8732962
          21 |   .7628833   .0566685    13.46   0.000     .6483638    .8774029
          22 |   .7868598   .0600309    13.11   0.000     .6655455    .9081742
------------------------------------------------------------------------------

946 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==1

    m=1 data:
    -> tab leftist if e(N_mi) & year==2 & success==1

         Social |
    revolutiona |
     ry episode |      Freq.     Percent        Cum.
    ------------+-----------------------------------
              0 |         29       67.44       67.44
              1 |         14       32.56      100.00
    ------------+-----------------------------------
          Total |         43      100.00
```

```
947 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 3.2 percent of observations

948 . * Complete case sample as robustness test
949 . clear

950 . use simplediffindifflong.dta, clear

951 . xtreg v2x_genpp i.leftist##ib(2).year if success==1, fe vce(robust)
    note: 1.leftist omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =        449
    Group variable: revid                           Number of groups  =         43

    R-sq:                                           Obs per group:
         within  = 0.3200                                         min =          5
         between = 0.2444                                         avg =       10.4
         overall = 0.0029                                         max =         11

                                                    F(19,42)          =          .
    corr(u_i, Xb)  = -0.3786                        Prob > F          =          .

                                   (Std. Err. adjusted for 43 clusters in revid)
    ------------------------------------------------------------------------------
                 |               Robust
       v2x_genpp |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |  -.0148307   .0111794    -1.33   0.192    -.0373917    .0077304
              1  |  -.0105094   .0103183    -1.02   0.314    -.0313326    .0103138
              3  |  -.0382809    .030942    -1.24   0.223    -.1007244    .0241625
              4  |   .0355843   .0271785     1.31   0.198    -.0192642    .0904329
              5  |   .0524434   .0284305     1.84   0.072    -.0049316    .1098185
              6  |   .0529627   .0300856     1.76   0.086    -.0077525     .113678
              7  |   .0618158   .0292793     2.11   0.041     .0027278    .1209038
              8  |   .0717378   .0273262     2.63   0.012     .0165914    .1268842
              9  |   .0880084   .0266495     3.30   0.002     .0342276    .1417893
             10  |   .0897337   .0318729     2.82   0.007     .0254115    .1540558
                 |
    leftist#year |
           1  0  |  -.0015529   .0185373    -0.08   0.934    -.0389626    .0358569
           1  1  |  -.0070973   .0180958    -0.39   0.697    -.0436161    .0294214
           1  3  |   .1168714    .067631     1.73   0.091    -.0196135    .2533563
           1  4  |   .1007388   .0657989     1.53   0.133    -.0320487    .2335263
           1  5  |   .1683728   .0749722     2.25   0.030     .0170727    .3196729
           1  6  |   .1676351   .0755284     2.22   0.032     .0152126    .3200577
           1  7  |   .1645363   .0763264     2.16   0.037     .0105033    .3185692
           1  8  |   .1516772   .0744822     2.04   0.048      .001366    .3019884
           1  9  |   .1387726   .0745503     1.86   0.070     -.011676    .2892212
           1 10  |   .1610238   .0790688     2.04   0.048     .0014566     .320591
                 |
           _cons |   .5240634   .0198125    26.45   0.000     .4840802    .5640467
    -------------+----------------------------------------------------------------
         sigma_u |  .27631729
         sigma_e |  .10808396
             rho |  .86729874   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------

952 . margins leftist#year, noestimcheck

    Adjusted predictions                            Number of obs     =        449
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    leftist#year |
           0  0  |   .5092328   .0187734    27.13   0.000     .4724375     .546028
           0  1  |   .5135541   .0191784    26.78   0.000     .4759651     .551143
           0  2  |   .5240634   .0198125    26.45   0.000     .4852317    .5628952
           0  3  |   .4857825   .0293575    16.55   0.000     .4282428    .5433222
           0  4  |   .5596478   .0224103    24.97   0.000     .5157244    .6035712
           0  5  |   .5765069   .0232109    24.84   0.000     .5310143    .6219994
           0  6  |   .5770262    .024181    23.86   0.000     .5296322    .6244201
           0  7  |   .5858793    .023768    24.65   0.000     .5392948    .6324638
           0  8  |   .5958012   .0226652    26.29   0.000     .5513783    .6402241
           0  9  |   .6120719   .0252862    24.21   0.000     .5625119    .6616318
           0 10  |   .6137971   .0279497    21.96   0.000     .5590166    .6685776
           1  0  |   .5076799   .0254036    19.98   0.000     .4578898      .55747
           1  1  |   .5064567   .0258148    19.62   0.000     .4558607    .5570528
           1  2  |   .5240634   .0198125    26.45   0.000     .4852317    .5628952
           1  3  |   .6026539   .0523893    11.50   0.000     .4999728     .705335
           1  4  |   .6603866   .0487316    13.55   0.000     .5648743    .7558988
           1  5  |   .7448796   .0558281    13.34   0.000     .6354585    .8543007
           1  6  |   .7446613   .0557416    13.36   0.000     .6354098    .8539129
           1  7  |   .7504155   .0569065    13.19   0.000     .6388808    .8619502
           1  8  |   .7474784   .0556525    13.43   0.000     .6384016    .8565552
           1  9  |   .7508444   .0560196    13.40   0.000     .6410481    .8606408
           1 10  |   .7748209   .0594472    13.03   0.000     .6583066    .8913352
    ------------------------------------------------------------------------------
```

```
953 .
954 . * Women's participation in civil society
955 . * Multiple imputation
956 . clear

957 . use simplediffindifflong.dta, clear

958 . global yvar = "v2x_gencs"

959 . quietly: chp9simpmultimp

960 . * Successful social vs. successful urban civic
961 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        473

    Group variable: revid                           Number of groups  =         43
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0809
                                                    Largest FMI       =     0.0305
                                                    Complete DF       =         42
    DF adjustment:   Small sample                   DF:     min       =      38.92
                                                            avg       =      39.89
                                                            max       =      40.13
    Model F test:       Equal FMI                   F(  20,   39.7)   =       3.92
    Within VCE type:        Robust                  Prob > F          =     0.0001

                                  (Within VCE adjusted for 43 clusters in revid)
    ------------------------------------------------------------------------------
       v2x_gencs |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |   -.009518   .0054608    -1.74   0.089    -.0205536    .0015176
              1  |  -.0041422   .0026184    -1.58   0.122    -.0094337    .0011492
              3  |   .0604157   .0148848     4.06   0.000     .0303355    .0904958
              4  |   .1220105    .022814     5.35   0.000     .0759065    .1681145
              5  |   .1270414   .0257014     4.94   0.000     .0750864    .1789965
              6  |    .12154    .0267596     4.54   0.000     .0674496    .1756305
              7  |   .1271422   .0273355     4.65   0.000     .0718684     .182416
              8  |   .1222662   .0280341     4.36   0.000     .0655703    .1789622
              9  |    .125637   .0279327     4.50   0.000     .0691341    .1821398
             10  |   .1353319   .0286128     4.73   0.000     .0774664    .1931975
                 |
    leftist#year |
          1  0   |   .0131262   .0071988     1.82   0.076    -.0014216     .027674
          1  1   |   .0079003   .0053672     1.47   0.149    -.0029461    .0187466
          1  3   |   .0306651   .0671945     0.46   0.651    -.1051259    .1664562
          1  4   |    .033618   .0821492     0.41   0.685    -.1323946    .1996307
          1  5   |   .0401936   .0819837     0.49   0.627    -.1254892    .2058765
          1  6   |   .0479899   .0824772     0.58   0.564    -.1186895    .2146693
          1  7   |   .0436299    .082098     0.53   0.598    -.1222892     .209549
          1  8   |   .0545192   .0810594     0.67   0.505    -.1093045    .2183428
          1  9   |   .0495872   .0806438     0.61   0.542    -.1133998    .2125742
          1 10   |   .0371751   .0808187     0.46   0.648    -.1261626    .2005128
                 |
           _cons |   .4621137   .0209438    22.06   0.000     .4197892    .5044383
    -------------+----------------------------------------------------------------
         sigma_u |  .24857436
         sigma_e |  .10085547
             rho |  .85864814   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

962 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        473
                                                    Average RVI       =     4.0830
                                                    Largest FMI       =     0.0394
                                                    Complete DF       =         42
    DF adjustment:   Small sample                   DF:     min       =      38.50
                                                            avg       =      39.86
    Within VCE type: Delta-method                           max       =      40.13

    Expression   : Linear prediction, predict(xb)

    1._at        : leftist         =           0
                   year            =           0

    2._at        : leftist         =           0
                   year            =           1

    3._at        : leftist         =           0
                   year            =           2

    4._at        : leftist         =           0
                   year            =           3

    5._at        : leftist         =           0
                   year            =           4
```

```
6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8._at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10. at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21. at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
          at |
           1 |   .4525957   .0219577    20.61   0.000     .4082222    .4969692
           2 |   .4579715   .0212366    21.57   0.000     .4150551    .5008879
           3 |   .4621137   .0209438    22.06   0.000     .4197892    .5044383
           4 |   .5225294   .0209784    24.91   0.000     .4801349    .5649238
           5 |   .5841242    .021493    27.18   0.000     .5406898    .6275586
           6 |   .5891552   .0227485    25.90   0.000     .5431653    .6351451
           7 |   .5836538   .0233876    24.96   0.000     .5363757    .6309318
           8 |   .5892559   .0237056    24.86   0.000     .5413116    .6372003
           9 |     .58438   .0244166    23.93   0.000     .5349864    .6337736
          10 |   .5877507   .0243937    24.09   0.000     .5383891    .6371123
          11 |   .5974456   .0250195    23.88   0.000     .5468339    .6480574
          12 |   .4657219   .0218673    21.30   0.000      .421531    .5099128
          13 |   .4658717   .0218717    21.30   0.000     .4216719    .5100716
          14 |   .4621137   .0209438    22.06   0.000     .4197892    .5044383
          15 |   .5531945   .0538278    10.28   0.000     .4444156    .6619734
          16 |   .6177423   .0626839     9.85   0.000     .4910665     .744418
          17 |   .6293488   .0615941    10.22   0.000     .5048754    .7538222
          18 |   .6316437   .0617715    10.23   0.000     .5068116    .7564757
          19 |   .6328858   .0611824    10.34   0.000     .5092443    .7565273
          20 |   .6388991    .059848    10.68   0.000     .5179543     .759844
          21 |   .6373379   .0594327    10.72   0.000     .5172323    .7574434
          22 |   .6346208   .0593889    10.69   0.000     .5146037    .7546378
------------------------------------------------------------------------------

963 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==1

m=1 data:
-> tab leftist if e(N_mi) & year==2 & success==1

     Social |
revolutiona |
 ry episode |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         29       67.44       67.44
          1 |         14       32.56      100.00
------------+-----------------------------------
      Total |         43      100.00
```

```
964 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 2.9 percent of observations

965 . * Complete case sample as robustness test
966 . use simplediffindifflong.dta, clear

967 . xtreg v2x_gencs i.leftist##ib(2).year if success==1, fe vce(robust)
    note: 1.leftist omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =         451
    Group variable: revid                           Number of groups  =          43

    R-sq:                                           Obs per group:
         within  = 0.3193                                         min =           5
         between = 0.2842                                         avg =        10.5
         overall = 0.0081                                         max =          11

                                                    F(20,42)          =        4.40
    corr(u_i, Xb)  = -0.1735                        Prob > F          =      0.0000

                                  (Std. Err. adjusted for 43 clusters in revid)
    ------------------------------------------------------------------------------
                 |               Robust
       v2x_gencs |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |   -.009518   .0054668    -1.74   0.089    -.0205503    .0015144
              1  |  -.0041422   .0026212    -1.58   0.122    -.0094321    .0011476
              3  |   .0604157   .0149009     4.05   0.000     .0303444    .0904869
              4  |   .1220105   .0228387     5.34   0.000     .0759201    .1681009
              5  |   .1200089   .0247736     4.84   0.000     .0700138    .1700039
              6  |   .1137562   .0257049     4.43   0.000     .0618815    .1656308
              7  |   .1213146   .0249242     4.87   0.000     .0710155    .1716137
              8  |   .1174894   .0262521     4.48   0.000     .0645104    .1704684
              9  |   .1299279   .0244892     5.31   0.000     .0805068    .1793491
             10  |    .141954   .0249427     5.69   0.000     .0916175    .1922904
                 |
    leftist#year |
           1  0  |   .0131262   .0072066     1.82   0.076    -.0014173    .0276697
           1  1  |   .0079003    .005373     1.47   0.149    -.0029428    .0187434
           1  3  |   .0306651   .0672673     0.46   0.651    -.1050857     .166416
           1  4  |    .033618   .0822382     0.41   0.685    -.1323454    .1995815
           1  5  |   .0472262   .0817779     0.58   0.567    -.1178083    .2122607
           1  6  |   .0557738   .0822213     0.68   0.501    -.1101556    .2217031
           1  7  |   .0494575   .0814068     0.61   0.547    -.1148281    .2137431
           1  8  |    .059296   .0805384     0.74   0.466    -.1032371    .2218291
           1  9  |   .0452962   .0795947     0.57   0.572    -.1153323    .2059247
           1 10  |   .0305531   .0796712     0.38   0.703    -.1302299    .1913361
                 |
           _cons |   .4537942   .0209447    21.67   0.000     .4115261    .4960623
    -------------+----------------------------------------------------------------
         sigma_u |  .24783956
         sigma_e |  .09935444
             rho |  .86154429   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------

968 . margins leftist#year, noestimcheck

    Adjusted predictions                            Number of obs     =         451
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    leftist#year |
           0  0  |   .4442762   .0218574    20.33   0.000     .4014364     .487116
           0  1  |    .449652   .0212102    21.20   0.000     .4080808    .4912232
           0  2  |   .4537942   .0209447    21.67   0.000     .4127434     .494845
           0  3  |   .5142099   .0208336    24.68   0.000     .4733767    .5550431
           0  4  |   .5758047   .0232575    24.76   0.000     .5302209    .6213885
           0  5  |   .5738031   .0236539    24.26   0.000     .5274422     .620164
           0  6  |   .5675504   .0243941    23.27   0.000     .5197388     .615362
           0  7  |   .5751088   .0237581    24.21   0.000     .5285438    .6216738
           0  8  |   .5712836   .0249697    22.88   0.000     .5223439    .6202234
           0  9  |   .5837222   .0235074    24.83   0.000     .5376485    .6297958
           0 10  |   .5957482   .0240715    24.75   0.000     .5485689    .6429274
           1  0  |   .4574024   .0218897    20.90   0.000     .4144993    .5003055
           1  1  |   .4575522   .0218944    20.90   0.000     .4146399    .5004646
           1  2  |   .4537942   .0209447    21.67   0.000     .4127434     .494845
           1  3  |    .544875   .0530388    10.27   0.000     .4409209    .6488291
           1  4  |   .6094228   .0616689     9.88   0.000     .4885539    .7302916
           1  5  |   .6210293   .0605713    10.25   0.000     .5023118    .7397468
           1  6  |   .6233241   .0607506    10.26   0.000     .5042552    .7423931
           1  7  |   .6245663   .0601588    10.38   0.000     .5066573    .7424753
           1  8  |   .6305796   .0588175    10.72   0.000     .5152994    .7458599
           1  9  |   .6290184    .058399    10.77   0.000     .5145585    .7434783
           1 10  |   .6263013   .0583564    10.73   0.000     .5119248    .7406777
    ------------------------------------------------------------------------------
```

```
969 .
970 . * Women's civil liberties
971 . * Multiple imputation
972 . clear

973 . use simplediffindifflong.dta, clear

974 . global yvar = "v2x_gencl"

975 . quietly: chp9simpmultimp

976 . * Successful social vs. successful urban civic
977 . mi estimate, post dots saving(miest, replace):  xtreg $yvar i.leftist##ib(2).year if success==1, fe vce(robust)

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        473

    Group variable: revid                           Number of groups  =         43
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.1580
                                                    Largest FMI       =     0.0186
                                                    Complete DF       =         42
    DF adjustment:   Small sample                   DF:     min       =      39.45
                                                            avg       =      39.97
                                                            max       =      40.13
    Model F test:       Equal FMI                   F(  19,   39.2)   =       5.27
    Within VCE type:        Robust                  Prob > F          =     0.0000

                                  (Within VCE adjusted for 43 clusters in revid)
    ------------------------------------------------------------------------------
       v2x_gencl |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |   .0013307   .0047862     0.28   0.782    -.0083415    .0110029
              1  |  -.0030339   .0032004    -0.95   0.349    -.0095015    .0034337
              3  |   .0833177    .028391     2.93   0.006     .0259433    .1406922
              4  |   .1425921   .0357087     3.99   0.000     .0704297    .2147546
              5  |   .1325783   .0396367     3.34   0.002     .0524566       .2127
              6  |   .1437687   .0398664     3.61   0.001     .0631804    .2243571
              7  |   .1413981   .0407132     3.47   0.001      .059086    .2237101
              8  |   .1432752   .0410006     3.49   0.001     .0603774     .226173
              9  |   .1513214   .0410315     3.69   0.001     .0683578     .234285
             10  |   .1409701   .0410469     3.43   0.001     .0579999    .2239404
                 |
    leftist#year |
           1  0  |   .0026122   .0070864     0.37   0.714    -.0117084    .0169328
           1  1  |   .0025809   .0034079     0.76   0.453    -.0043059    .0094678
           1  3  |  -.0511619   .0798448    -0.64   0.525    -.2125175    .1101938
           1  4  |  -.0682526    .093064    -0.73   0.468    -.2563225    .1198173
           1  5  |  -.0437718   .0972702    -0.45   0.655    -.2403503    .1528066
           1  6  |  -.0664375   .0981482    -0.68   0.502    -.2647911    .1319161
           1  7  |  -.0623949   .0976914    -0.64   0.527    -.2598303    .1350406
           1  8  |  -.0567593   .0961786    -0.59   0.558    -.2511398    .1376211
           1  9  |  -.0759157   .0960552    -0.79   0.434    -.2700481    .1182167
           1 10  |  -.0664826   .0962556    -0.69   0.494    -.2610106    .1280454
                 |
           _cons |   .4570635   .0269069    16.99   0.000     .4026882    .5114388
    -------------+----------------------------------------------------------------
         sigma_u |  .23602563
         sigma_e |  .12561636
             rho |  .77926972   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

978 . mimrgns, at(leftist=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb) noestimcheck

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        473
                                                    Average RVI       =    15.0404
                                                    Largest FMI       =     0.0313
                                                    Complete DF       =         42
    DF adjustment:   Small sample                   DF:     min       =      38.88
                                                            avg       =      39.89
    Within VCE type: Delta-method                           max       =      40.13

    Expression   : Linear prediction, predict(xb)

    1._at        : leftist         =           0
                   year            =           0

    2._at        : leftist         =           0
                   year            =           1

    3._at        : leftist         =           0
                   year            =           2

    4._at        : leftist         =           0
                   year            =           3

    5._at        : leftist         =           0
                   year            =           4
```

```
6._at        : leftist         =           0
               year            =           5

7._at        : leftist         =           0
               year            =           6

8._at        : leftist         =           0
               year            =           7

9._at        : leftist         =           0
               year            =           8

10. at       : leftist         =           0
               year            =           9

11._at       : leftist         =           0
               year            =          10

12._at       : leftist         =           1
               year            =           0

13._at       : leftist         =           1
               year            =           1

14._at       : leftist         =           1
               year            =           2

15._at       : leftist         =           1
               year            =           3

16._at       : leftist         =           1
               year            =           4

17._at       : leftist         =           1
               year            =           5

18._at       : leftist         =           1
               year            =           6

19._at       : leftist         =           1
               year            =           7

20._at       : leftist         =           1
               year            =           8

21. at       : leftist         =           1
               year            =           9

22._at       : leftist         =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
          at |
           1 |   .4583942   .0275893    16.61   0.000     .4026398    .5141486
           2 |   .4540296   .0271952    16.70   0.000     .3990717    .5089874
           3 |   .4570635   .0269069    16.99   0.000     .4026882    .5114388
           4 |   .5403812   .0273075    19.79   0.000     .4851964    .5955661
           5 |   .5996556   .0272108    22.04   0.000     .5446662     .654645
           6 |   .5896418   .0298018    19.79   0.000     .5293872    .6498964
           7 |   .6008322   .0298521    20.13   0.000     .5404722    .6611923
           8 |   .5984615    .030589    19.56   0.000     .5365946    .6603284
           9 |   .6003387   .0308329    19.47   0.000     .5379719    .6627054
          10 |   .6083849   .0309306    19.67   0.000     .5458157     .670954
          11 |   .5980336   .0312987    19.11   0.000     .5347562     .661311
          12 |   .4610063   .0282512    16.32   0.000     .4039145    .5180982
          13 |   .4566105   .0270529    16.88   0.000     .4019401    .5112809
          14 |   .4570635   .0269069    16.99   0.000     .4026882    .5114388
          15 |   .4892194    .060445     8.09   0.000      .367068    .6113707
          16 |    .531403   .0685778     7.75   0.000     .3928165    .6699896
          17 |   .5458699    .071332     7.65   0.000     .4017175    .6900224
          18 |   .5343947    .072107     7.41   0.000     .3886761    .6801134
          19 |   .5360667   .0712419     7.52   0.000     .3920963    .6800371
          20 |   .5435793   .0697094     7.80   0.000      .402706    .6844527
          21 |   .5324691   .0696519     7.64   0.000     .3917119    .6732264
          22 |    .531551   .0698588     7.61   0.000     .3903757    .6727263
------------------------------------------------------------------------------

979 . mi xeq 1: tab leftist if e(N_mi) & year==2 & success==1

m=1 data:
-> tab leftist if e(N_mi) & year==2 & success==1

     Social |
revolutiona |
 ry episode |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         29       67.44       67.44
          1 |         14       32.56      100.00
------------+-----------------------------------
      Total |         43      100.00
```

```
980 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
    Data was imputed for 2.9 percent of observations

981 . * Complete case sample as robustness test
982 . use simplediffindifflong.dta, clear

983 . xtreg v2x_gencl i.leftist##ib(2).year if success==1, fe vce(robust)
    note: 1.leftist omitted because of collinearity

    Fixed-effects (within) regression               Number of obs     =         451
    Group variable: revid                           Number of groups  =          43

    R-sq:                                           Obs per group:
         within  = 0.1729                                         min =           5
         between = 0.2330                                         avg =        10.5
         overall = 0.1117                                         max =          11

                                                    F(19,42)          =           .
    corr(u_i, Xb)  = 0.1526                         Prob > F          =           .

                                  (Std. Err. adjusted for 43 clusters in revid)
    ------------------------------------------------------------------------------
                 |               Robust
       v2x_gencl |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
       1.leftist |          0  (omitted)
                 |
            year |
              0  |   .0013307   .0047914     0.28   0.783    -.0083387    .0110001
              1  |  -.0030339   .0032039    -0.95   0.349    -.0094996    .0034318
              3  |   .0833177   .0284218     2.93   0.005     .0259603    .1406752
              4  |   .1425921   .0357474     3.99   0.000     .0704511    .2147332
              5  |   .1223946    .038536     3.18   0.003     .0446259    .2001633
              6  |   .1333856   .0386877     3.45   0.001     .0553106    .2114605
              7  |   .1292591   .0382375     3.38   0.002     .0520926    .2064255
              8  |   .1300964   .0380199     3.42   0.001     .0533691    .2068236
              9  |   .1425761   .0374873     3.80   0.000     .0669236    .2182286
             10  |   .1342105   .0391741     3.43   0.001     .0551541     .213267
                 |
    leftist#year |
           1  0  |   .0026122    .007094     0.37   0.715    -.0117042    .0169285
           1  1  |   .0025809   .0034116     0.76   0.454    -.0043039    .0094657
           1  3  |  -.0511619   .0799313    -0.64   0.526    -.2124697     .110146
           1  4  |  -.0682526   .0931648    -0.73   0.468    -.2562669    .1197617
           1  5  |  -.0335882   .0969152    -0.35   0.731     -.229171    .1619946
           1  6  |  -.0560544   .0977646    -0.57   0.569    -.2533513    .1412425
           1  7  |  -.0502559   .0967742    -0.52   0.606    -.2455541    .1450424
           1  8  |  -.0435805   .0950326    -0.46   0.649     -.235364     .148203
           1  9  |  -.0671705   .0946819    -0.71   0.482    -.2582463    .1239054
           1 10  |   -.059723    .095558    -0.62   0.535    -.2525669    .1331209
                 |
           _cons |   .4512666   .0265534    16.99   0.000     .3976796    .5048535
    -------------+----------------------------------------------------------------
         sigma_u |  .23405293
         sigma_e |   .1233283
             rho |  .78268711   (fraction of variance due to u_i)
    ------------------------------------------------------------------------------

984 . margins leftist#year, noestimcheck

    Adjusted predictions                            Number of obs     =         451
    Model VCE    : Robust

    Expression   : Linear prediction, predict()

    ------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
    leftist#year |
           0  0  |   .4525973   .0271145    16.69   0.000     .3994539    .5057407
           0  1  |   .4482327   .0268519    16.69   0.000     .3956039    .5008614
           0  2  |   .4512666   .0265534    16.99   0.000     .3992229    .5033103
           0  3  |   .5345843   .0264081    20.24   0.000     .4828253    .5863433
           0  4  |   .5938587   .0298564    19.89   0.000     .5353411    .6523763
           0  5  |   .5736612   .0311662    18.41   0.000     .5125764    .6347459
           0  6  |   .5846522   .0311892    18.75   0.000     .5235225    .6457818
           0  7  |   .5805256   .0306752    18.92   0.000     .5204033     .640648
           0  8  |   .5813629   .0304967    19.06   0.000     .5215905    .6411353
           0  9  |   .5938427   .0301007    19.73   0.000     .5348465    .6528389
           0 10  |   .5854771   .0320475    18.27   0.000     .5226652    .6482889
           1  0  |   .4552094   .0279585    16.28   0.000     .4004117    .5100071
           1  1  |   .4508136   .0267076    16.88   0.000     .3984676    .5031595
           1  2  |   .4512666   .0265534    16.99   0.000     .3992229    .5033103
           1  3  |   .4834224   .0592623     8.16   0.000     .3672705    .5995744
           1  4  |   .5256061   .0672762     7.81   0.000     .3937471    .6574651
           1  5  |    .540073   .0700459     7.71   0.000     .4027855    .6773605
           1  6  |   .5285978   .0708222     7.46   0.000     .3897888    .6674067
           1  7  |   .5302698   .0699511     7.58   0.000     .3931682    .6673714
           1  8  |   .5377824   .0684222     7.86   0.000     .4036774    .6718874
           1  9  |   .5266722   .0683701     7.70   0.000     .3926694    .6606751
           1 10  |   .5257541   .0685782     7.67   0.000     .3913432     .660165
    ------------------------------------------------------------------------------
```

```
985 .
986 . *=======================================================
987 . * EFFECT OF REVOLUTION ON POLITICAL KILLING (FIGURE 9.10)
988 . *=======================================================
989 . * Compared to matched samples
990 . * Multiple imputation
991 . clear

992 . use matcheddiffindifflong.dta, clear

993 . global yvar = "vdclkill"

994 . quietly: chp9matchmultimp

995 . * Successful social vs. matched counterparts
996 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
    > ht=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        374

    Group variable: diffid                          Number of groups  =         34
                                                    Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
                                                    DF:     min       =       6.55
                                                            avg       =       6.55
    DF adjustment:   Small sample                           max       =       6.55
                                                    F(   8,      .)   =          .
    Within VCE type:       Robust                   Prob > F          =          .

                                    (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
    vdclkill |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0613804   .0263593    -2.33   0.055    -.1245984    .0018377
          1  |  -.0147856   .0148028    -1.00   0.353    -.0502874    .0207163
          3  |   .0617678   .0926206     0.67   0.528    -.1603664     .283902
          4  |   .0022594    .158473     0.01   0.989    -.3778101    .3823289
          5  |   .0101907   .1502324     0.07   0.948    -.3501151    .3704966
          6  |    .013865    .150445     0.09   0.929    -.3469508    .3746808
          7  |  -.0895379   .1518254    -0.59   0.575    -.4536642    .2745885
          8  |  -.0956876     .15302    -0.63   0.553     -.462679    .2713038
          9  |  -.1211766   .1538481    -0.79   0.458    -.4901541     .247801
         10  |  -.0794738   .1380005    -0.58   0.584    -.4104436    .2514959
             |
  revny#year |
        1  0 |   .0943647   .0361883     2.61   0.037     .0075734    .1811559
        1  1 |   .0503843   .0376716     1.34   0.226    -.0399644    .1407331
        1  3 |  -.1921013   .2479128    -0.77   0.465    -.7866764    .4024739
        1  4 |   .1672074   .5377322     0.31   0.766    -1.122448    1.456863
        1  5 |   .2083948    .521208     0.40   0.702    -1.041631     1.45842
        1  6 |   .1959482   .4900234     0.40   0.702    -.9792863    1.371183
        1  7 |   .2766928    .490009     0.56   0.591    -.8985073    1.451893
        1  8 |   .2166781   .5057163     0.43   0.682    -.9961932    1.429549
        1  9 |   .2175463    .523012     0.42   0.691    -1.036806    1.471898
        1 10 |   .1615384   .5087105     0.32   0.761    -1.058514    1.381591
             |
       _cons |   1.464487   .1700831     8.61   0.000     1.056573    1.872402
-------------+----------------------------------------------------------------
     sigma u |  .85865675
     sigma_e |  .55183509
         rho |  .70770008   (fraction of variance due to u_i)
------------------------------------------------------------------------------
    Note: sigma_u and sigma_e are combined in the original metric.

997 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

    Multiple-imputation estimates                   Imputations       =         10
    Adjusted predictions                            Number of obs     =        374
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =          8
    DF adjustment:   Small sample                   DF:     min       =       6.55
                                                            avg       =       6.55
    Within VCE type: Delta-method                           max       =       6.55

    Expression   : Linear prediction, predict(xb)

    1._at        : revny           =           0
                   year            =           0

    2._at        : revny           =           0
                   year            =           1

    3._at        : revny           =           0
                   year            =           2

    4._at        : revny           =           0
                   year            =           3
```

```
5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9. at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20. at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   1.403107   .1636954     8.57   0.000     1.010513    1.795701
          2  |   1.449702   .1723563     8.41   0.000     1.036336    1.863068
          3  |   1.464487   .1700831     8.61   0.000     1.056573    1.872402
          4  |   1.526255   .1129029    13.52   0.000     1.255477    1.797033
          5  |   1.466747   .2120557     6.92   0.000     .9581685    1.975325
          6  |   1.474678   .2028266     7.27   0.000     .9882344    1.961122
          7  |   1.478352    .203605     7.26   0.000     .9900417    1.966663
          8  |   1.374949    .198388     6.93   0.000     .8991509    1.850748
          9  |     1.3688   .1948609     7.02   0.000     .9014602    1.836139
         10  |   1.343311   .1903102     7.06   0.000     .8868855    1.799736
         11  |   1.385014   .1720368     8.05   0.000     .9724136    1.797613
         12  |   1.497472   .1825893     8.20   0.000     1.059563     1.93538
         13  |   1.500086   .1838119     8.16   0.000     1.059246    1.940926
         14  |   1.464487   .1700831     8.61   0.000     1.056573    1.872402
         15  |   1.334154    .181942     7.33   0.000     .8977983     1.77051
         16  |   1.633954   .3359519     4.86   0.002     .8282329    2.439675
         17  |   1.683073   .3278167     5.13   0.002     .8968624    2.469283
         18  |   1.674301   .2967961     5.64   0.001     .9624876    2.386113
         19  |   1.651642    .304171     5.43   0.001     .9221417    2.381143
         20  |   1.585478   .3233124     4.90   0.002     .8100701    2.360886
         21  |   1.560857    .348421     4.48   0.003     .7252309    2.396483
         22  |   1.546552   .3529591     4.38   0.004     .7000419    2.393062
------------------------------------------------------------------------------

 998 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
    Regression contained 9 revolutions and 25 matched cases

 999 . * Results loaded into MS Excel and graphed
1000 . * Successful urban civic vs. matched counterparts
1001 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
    > eight=freqwt], cluster(revid) fe

    Imputations (10):
      .........10 done

    Multiple-imputation estimates                   Imputations       =         10
    Fixed-effects (within) regression               Number of obs     =        946
```

```
Group variable: diffid                          Number of groups  =         86
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.1586
                                                Largest FMI       =     0.1432
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      19.56
                                                        avg       =      22.79
                                                        max       =      23.21
Model F test:       Equal FMI                   F(  20,   22.5)   =      13.35
Within VCE type:       Robust                   Prob > F          =     0.0000

                                 (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
    vdclkill |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |  -.0033851   .0770451    -0.04   0.965    -.1626836    .1559134
           1 |   .0519884   .0663266     0.78   0.441    -.0851485    .1891253
           3 |  -.0438973   .0397194    -1.11   0.280    -.1260211    .0382265
           4 |   .0778237   .0560666     1.39   0.178    -.0380996    .1937469
           5 |   .0581395   .0713262     0.82   0.423    -.0893345    .2056136
           6 |   .0494977   .0744414     0.66   0.513    -.1044316     .203427
           7 |    .008742   .0866705     0.10   0.921    -.1706241    .1881081
           8 |    .003988   .0821558     0.05   0.962    -.1660507    .1740267
           9 |   .0495035   .0879972     0.56   0.579    -.1330667    .2320736
          10 |   .1355387   .1392139     0.97   0.341    -.1532502    .4243276
             |
  revny#year |
        1  0 |   .0710702    .089974     0.79   0.438    -.1149601    .2571005
        1  1 |  -.0410223    .079127    -0.52   0.609    -.2046254    .1225809
        1  3 |   .3637753   .1587555     2.29   0.031     .0355322    .6920184
        1  4 |   .8467498   .1661536     5.10   0.000     .5032103    1.190289
        1  5 |   .8596878   .1795948     4.79   0.000     .4883272    1.231048
        1  6 |   .8148386   .1996638     4.08   0.000     .4019434    1.227734
        1  7 |   .9130369   .1723476     5.30   0.000     .5563734      1.2697
        1  8 |   .8703615   .1864482     4.67   0.000     .4845458    1.256177
        1  9 |   .7966108   .1923081     4.14   0.000     .3981955    1.195026
        1 10 |   .7578036   .2105793     3.60   0.002     .3179014    1.197706
             |
       _cons |   1.846757   .0795372    23.22   0.000     1.682305    2.011208
-------------+----------------------------------------------------------------
     sigma_u |   .9512809
     sigma_e |  .45948679
         rho |  .81082786   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

1002 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        946
                                                Average RVI       =    13.0098
                                                Largest FMI       =     0.1383
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      19.70
                                                        avg       =      22.66
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11. at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0
```

```
13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17. at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   1.843371    .103489    17.81   0.000     1.629397    2.057345
          2  |   1.898745   .0876794    21.66   0.000     1.717459    2.080031
          3  |   1.846757   .0795372    23.22   0.000     1.682305    2.011208
          4  |   1.802859   .0778231    23.17   0.000     1.641952    1.963766
          5  |    1.92458   .0724541    26.56   0.000     1.774774    2.074386
          6  |   1.904896   .0773668    24.62   0.000     1.744933     2.06486
          7  |   1.896254   .0768163    24.69   0.000     1.737415    2.055094
          8  |   1.855499   .0665164    27.90   0.000     1.717745    1.993253
          9  |   1.850745   .0623215    29.70   0.000      1.72165    1.979839
         10  |    1.89626    .065131    29.11   0.000     1.760629    2.031891
         11  |   1.982295   .1128073    17.57   0.000     1.747782    2.216809
         12  |   1.914442   .0760768    25.16   0.000     1.757145    2.071738
         13  |   1.857723   .0852699    21.79   0.000     1.681419    2.034027
         14  |   1.846757   .0795372    23.22   0.000     1.682305    2.011208
         15  |   2.166635   .1536041    14.11   0.000     1.849043    2.484227
         16  |    2.77133   .1106422    25.05   0.000     2.542566    3.000094
         17  |   2.764584   .1136586    24.32   0.000     2.529535    2.999633
         18  |   2.711093   .1308718    20.72   0.000     2.440424    2.981762
         19  |   2.768536   .1314415    21.06   0.000     2.496379    3.040692
         20  |   2.721106   .1428114    19.05   0.000     2.425419    3.016793
         21  |   2.692871   .1481887    18.17   0.000     2.385575    3.000167
         22  |   2.740099   .1536706    17.83   0.000     2.419234    3.060964
------------------------------------------------------------------------------

1003 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
     Regression contained 26 revolutions and 60 matched cases

1004 . * Results loaded into MS Excel and graphed
1005 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
     Data was imputed for 4.1 percent of observations

1006 . * Complete case sample as robustness test
1007 . use matcheddiffindifflong.dta, clear

1008 . xtreg vdclkill i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
     note: 1.revny omitted because of collinearity

     Fixed-effects (within) regression               Number of obs      =       374
     Group variable: diffid                          Number of groups   =        34

     R-sq:  within  = 0.0245                         Obs per group: min =        11
            between = 0.0326                                        avg =      11.0
            overall = 0.0020                                        max =        11

                                                     F(8,8)             =         .
     corr(u_i, Xb)  = -0.1525                        Prob > F           =         .

                                   (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
    vdclkill |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0613804   .0263593    -2.33   0.048     -.122165   -.0005958
          1  |  -.0147856   .0148028    -1.00   0.347    -.0489208    .0193497
          3  |   .0617678   .0926206     0.67   0.524    -.1518157    .2753514
          4  |   .0022594    .158473     0.01   0.989      -.36318    .3676988
          5  |   .0101907   .1502324     0.07   0.948    -.3362458    .3566273
          6  |    .013865    .150445     0.09   0.929    -.3330619    .3607918
          7  |  -.0895379   .1518254    -0.59   0.572    -.4396478    .2605721
          8  |  -.0956876     .15302    -0.63   0.549    -.4485523    .2571771
          9  |  -.1211766   .1538481    -0.79   0.454    -.4759509    .2335978
         10  |  -.0794738   .1380005    -0.58   0.581    -.3977035    .2387558
             |
  revny#year |
```

```
       1  0  |   .0943647   .0361883     2.61   0.031     .0109143     .177815
       1  1  |   .0503843   .0376716     1.34   0.218    -.0364866    .1372553
       1  3  |  -.1921013   .2479128    -0.77   0.461    -.7637893    .3795868
       1  4  |   .1672074   .5377322     0.31   0.764    -1.072805     1.40722
       1  5  |   .2083948    .521208     0.40   0.700     -.993513    1.410303
       1  6  |   .1959482   .4900234     0.40   0.700    -.9340477    1.325944
       1  7  |   .2766928    .490009     0.56   0.588      -.85327    1.406656
       1  8  |   .2166781   .5057163     0.43   0.680    -.9495059    1.382862
       1  9  |   .2175463    .523012     0.42   0.688    -.9885215    1.423614
       1 10  |   .1615384   .5087105     0.32   0.759     -1.01155    1.334627
             |
       _cons |   1.464487   .1700831     8.61   0.000     1.072275      1.8567
-------------+----------------------------------------------------------------
     sigma_u |  .85865675
     sigma_e |  .55183509
         rho |  .70770008   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1009 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   1.403107   .1636954     8.57   0.000      1.08227    1.723944
       0  1  |   1.449702   .1723563     8.41   0.000      1.11189    1.787514
       0  2  |   1.464487   .1700831     8.61   0.000     1.131131    1.797844
       0  3  |   1.526255   .1129029    13.52   0.000      1.30497    1.747541
       0  4  |   1.466747   .2120557     6.92   0.000     1.051125    1.882368
       0  5  |   1.474678   .2028266     7.27   0.000     1.077145    1.872211
       0  6  |   1.478352    .203605     7.26   0.000     1.079294    1.877411
       0  7  |   1.374949    .198388     6.93   0.000     .9861162    1.763783
       0  8  |     1.3688   .1948609     7.02   0.000     .9868794     1.75072
       0  9  |   1.343311   .1903102     7.06   0.000     .9703097    1.716312
       0 10  |   1.385014   .1720368     8.05   0.000     1.047828    1.722199
       1  0  |   1.497472   .1825893     8.20   0.000     1.139603     1.85534
       1  1  |   1.500086   .1838119     8.16   0.000     1.139821    1.860351
       1  2  |   1.464487   .1700831     8.61   0.000     1.131131    1.797844
       1  3  |   1.334154    .181942     7.33   0.000     .9775542    1.690754
       1  4  |   1.633954   .3359519     4.86   0.000     .9755006    2.292408
       1  5  |   1.683073   .3278167     5.13   0.000     1.040564    2.325582
       1  6  |   1.674301   .2967961     5.64   0.000     1.092591     2.25601
       1  7  |   1.651642    .304171     5.43   0.000     1.055478    2.247807
       1  8  |   1.585478   .3233124     4.90   0.000     .9517972    2.219158
       1  9  |   1.560857    .348421     4.48   0.000     .8779645     2.24375
       1 10  |   1.546552   .3529591     4.38   0.000     .8547648    2.238339
------------------------------------------------------------------------------

1010 . xtreg vdclkill i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       892
Group variable: diffid                          Number of groups   =        86

R-sq:  within  = 0.3030                         Obs per group: min =         5
       between = 0.0069                                        avg =      10.4
       overall = 0.0390                                        max =        11

                                                F(20,25)           =     33.12
corr(u_i, Xb)  = -0.1252                        Prob > F           =    0.0000

                               (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
    vdclkill |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0034114   .0771541    -0.04   0.965    -.1623132    .1554904
          1  |   .0520224   .0664202     0.78   0.441    -.0847726    .1888173
          3  |  -.0437315   .0397076    -1.10   0.281    -.1255107    .0380478
          4  |   .0780773   .0560649     1.39   0.176    -.0373905    .1935452
          5  |   .0584299   .0713355     0.82   0.420    -.0884884    .2053482
          6  |    .049972   .0747389     0.67   0.510    -.1039556    .2038996
          7  |    .016977   .0894143     0.19   0.851    -.1671753    .2011292
          8  |   .0118033   .0839172     0.14   0.889    -.1610273     .184634
          9  |   .0857226   .0851119     1.01   0.323    -.0895686    .2610139
         10  |   .2203772   .1496257     1.47   0.153    -.0877826     .528537
             |
  revny#year |
       1  0  |   .0710965   .0900752     0.79   0.437     -.114417    .2566099
       1  1  |  -.0410562   .0792177    -0.52   0.609    -.2042082    .1220958
       1  3  |   .3636094   .1588344     2.29   0.031     .0364837    .6907351
       1  4  |   .8464961    .166232     5.09   0.000     .5041348    1.188857
       1  5  |   .8059094   .1789917     4.50   0.000     .4372691     1.17455
       1  6  |    .760389   .2003383     3.80   0.001     .3477845    1.172993
       1  7  |   .8609038   .1779683     4.84   0.000     .4943711    1.227436
       1  8  |   .8041458   .1978355     4.06   0.000     .3966959    1.211596
       1  9  |   .7912876   .1872515     4.23   0.000      .405636    1.176939
       1 10  |   .7286437   .1946722     3.74   0.001     .3277088    1.129579
             |
       _cons |   1.820976   .0717931    25.36   0.000     1.673115    1.968836
-------------+----------------------------------------------------------------
     sigma_u |  .94845997
```

```
     sigma_e |  .44046051
         rho |  .82259629   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1011 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   1.817564   .0971446    18.71   0.000     1.627164    2.007964
       0  1  |   1.872998   .0800349    23.40   0.000     1.716132    2.029863
       0  2  |   1.820976   .0717931    25.36   0.000     1.680264    1.961687
       0  3  |   1.777244   .0732831    24.25   0.000     1.633612    1.920876
       0  4  |   1.899053    .068274    27.82   0.000     1.765238    2.032868
       0  5  |   1.879405   .0735813    25.54   0.000     1.735189    2.023622
       0  6  |   1.870948   .0733704    25.50   0.000     1.727144    2.014751
       0  7  |   1.837953   .0696388    26.39   0.000     1.701463    1.974442
       0  8  |   1.832779   .0630143    29.09   0.000     1.709273    1.956285
       0  9  |   1.906698   .0663827    28.72   0.000     1.776591    2.036806
       0 10  |   2.041353   .1297463    15.73   0.000     1.787055    2.295651
       1  0  |   1.888661   .0678419    27.84   0.000     1.755693    2.021628
       1  1  |   1.831942   .0783154    23.39   0.000     1.678446    1.985437
       1  2  |   1.820976   .0717931    25.36   0.000     1.680264    1.961687
       1  3  |   2.140854   .1501178    14.26   0.000     1.846628    2.435079
       1  4  |   2.745549   .1171506    23.44   0.000     2.515938     2.97516
       1  5  |   2.685315    .115758    23.20   0.000     2.458433    2.912196
       1  6  |   2.631336   .1359888    19.35   0.000     2.364803     2.89787
       1  7  |   2.698856   .1451236    18.60   0.000     2.414419    2.983293
       1  8  |   2.636925   .1593246    16.55   0.000     2.324654    2.949195
       1  9  |   2.697986   .1390815    19.40   0.000     2.425391    2.970581
       1 10  |   2.769996   .1314511    21.07   0.000     2.512357    3.027636
------------------------------------------------------------------------------

1012 .
1013 . *============================================================
1014 . * EFFECT OF REVOLUTION ON POLITICAL CIVIL LIBERTIES, MATCHED
1015 . *    CASES (FIGURE 9.11)
1016 . *============================================================
1017 . * Compared to matched samples
1018 . * Multiple imputation
1019 . clear

1020 . use matcheddiffindifflong.dta, clear

1021 . global yvar = "vdpolitlib"

1022 . quietly: chp9matchmultimp

1023 . * Successful social vs. matched counterparts
1024 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
> ht=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        374

Group variable: diffid                          Number of groups  =         34
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
                                                DF:     min       =       6.55
                                                        avg       =       6.55
DF adjustment:   Small sample                           max       =       6.55
                                                F(   8,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
  vdpolitlib |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0075381   .0079514    -0.95   0.377    -.0266082    .0115319
          1  |  -.0044702   .0053812    -0.83   0.435     -.017376    .0084356
          3  |   .0415393   .0363851     1.14   0.294     -.045724    .1288026
          4  |   .0444032   .0374756     1.18   0.277    -.0454754    .1342817
          5  |   .0353172   .0410769     0.86   0.420    -.0631986    .1338329
          6  |   .0321853   .0418606     0.77   0.469      -.06821    .1325807
          7  |  -.0125936   .0474916    -0.27   0.799    -.1264939    .1013067
          8  |  -.0239699   .0564043    -0.42   0.684    -.1592457    .1113058
          9  |  -.0264676   .0569153    -0.47   0.657    -.1629688    .1100336
         10  |  -.0212126   .0562643    -0.38   0.718    -.1561526    .1137275
             |
  revny#year |
       1  0  |   .0210858   .0121914     1.73   0.130    -.0081531    .0503246
       1  1  |   .0111368   .0085135     1.31   0.235    -.0092815     .031555
       1  3  |  -.0242883   .0672536    -0.36   0.729    -.1855841    .1370076
```

```
       1  4  |  -.0478248   .1138472    -0.42   0.688    -.3208672    .2252177
       1  5  |   -.044162   .1250478    -0.35   0.735    -.3440671     .255743
       1  6  |  -.0616315   .1183224    -0.52   0.620    -.3454069    .2221439
       1  7  |   -.014481   .1079668    -0.13   0.897    -.2734202    .2444583
       1  8  |  -.0176068   .1173536    -0.15   0.885    -.2990588    .2638452
       1  9  |  -.0230213   .1117949    -0.21   0.843    -.2911417    .2450991
       1 10  |  -.0361556   .1091697    -0.33   0.751    -.2979798    .2256685
             |
       _cons |   .3433172   .0549652     6.25   0.001     .2114929    .4751415
-------------+----------------------------------------------------------------
     sigma_u |  .20400095
     sigma_e |  .14446556
         rho |  .66600406   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

1025 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.55
                                                        avg       =       6.55
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1. at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9._at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12. at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20._at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10
```

```
------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .3357791   .0540937     6.21   0.001     .2060448    .4655133
          2  |   .3388469   .0539044     6.29   0.001     .2095667    .4681272
          3  |   .3433172   .0549652     6.25   0.001     .2114929    .4751415
          4  |   .3848565   .0373867    10.29   0.000      .295191    .4745219
          5  |   .3877204   .0414608     9.35   0.000     .2882841    .4871567
          6  |   .3786344   .0483637     7.83   0.000     .2626425    .4946262
          7  |   .3755025   .0490339     7.66   0.000     .2579033    .4931018
          8  |   .3307236   .0372781     8.87   0.000     .2413187    .4201285
          9  |   .3193472   .0425925     7.50   0.000     .2171967    .4214978
         10  |   .3168496   .0419653     7.55   0.000     .2162032    .4174961
         11  |   .3221046   .0402912     7.99   0.000     .2254734    .4187359
         12  |   .3568648   .0568916     6.27   0.001     .2204203    .4933093
         13  |   .3499837    .055798     6.27   0.001     .2161621    .4838054
         14  |   .3433172   .0549652     6.25   0.001     .2114929    .4751415
         15  |   .3605682   .0451135     7.99   0.000     .2523715    .4687649
         16  |   .3398956   .0750809     4.53   0.003     .1598274    .5199638
         17  |   .3344723   .0795283     4.21   0.005     .1437378    .5252069
         18  |    .313871   .0735688     4.27   0.004     .1374294    .4903127
         19  |   .3162426   .0751504     4.21   0.005     .1360077    .4964776
         20  |   .3017404   .0852421     3.54   0.011     .0973024    .5061785
         21  |   .2938283   .0811088     3.62   0.010     .0993033    .4883534
         22  |    .285949   .0809016     3.53   0.011     .0919207    .4799773
------------------------------------------------------------------------------
```

```
1026 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 9 revolutions and 25 matched cases

1027 . * Results loaded into MS Excel and graphed
1028 . * Successful urban civic vs. matched counterparts
1029 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
> eight=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        946

Group variable: diffid                          Number of groups  =         86
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.2485
                                                Largest FMI       =     0.0927
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      21.01
                                                        avg       =      23.01
                                                        max       =      23.21
Model F test:       Equal FMI                   F(  20,   22.0)   =       5.43
Within VCE type:        Robust                  Prob > F          =     0.0001

                                (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
  vdpolitlib |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0159264   .0103276    -1.54   0.137    -.0372796    .0054269
          1  |  -.0116284   .0077871    -1.49   0.149    -.0277289    .0044722
          3  |   .0486961   .0232698     2.09   0.048     .0005834    .0968088
          4  |   .0735955   .0312147     2.36   0.027     .0090559    .1381351
          5  |   .0763751   .0350929     2.18   0.040     .0038169    .1489333
          6  |    .084973   .0412007     2.06   0.051    -.0002151    .1701612
          7  |   .0853747   .0416835     2.05   0.052    -.0008269    .1715764
          8  |   .0816599   .0421982     1.94   0.065    -.0056115    .1689313
          9  |   .0789384   .0434659     1.82   0.082    -.0109896    .1688665
         10  |   .0896406   .0457244     1.96   0.062    -.0050374    .1843186
             |
  revny#year |
       1  0  |   .0196459   .0104897     1.87   0.074    -.0020426    .0413344
       1  1  |   .0157307   .0076114     2.07   0.050    -6.54e-06     .031468
       1  3  |   .0875701    .041002     2.14   0.043     .0027943    .1723459
       1  4  |   .3034818   .0419821     7.23   0.000     .2166796    .3902839
       1  5  |   .3119004   .0475309     6.56   0.000     .2136179    .4101829
       1  6  |   .2838071   .0530096     5.35   0.000     .1741874    .3934268
       1  7  |   .2757896   .0529919     5.20   0.000      .166168    .3854111
       1  8  |    .267713   .0540247     4.96   0.000     .1559525    .3794736
       1  9  |   .2624923   .0526666     4.98   0.000      .153477    .3715076
       1 10  |   .2569112   .0565797     4.54   0.000       .13925    .3745724
             |
       _cons |   .4129189   .0321061    12.86   0.000     .3465363    .4793015
-------------+----------------------------------------------------------------
     sigma_u |  .21282504
     sigma_e |  .15297168
         rho |  .65935815   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.
```

```
1030 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        946
                                                Average RVI       =    16.8609
                                                Largest FMI       =     0.0836
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      21.26
                                                        avg       =      22.89
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9. at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20. at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .3969925   .0388142    10.23   0.000     .3167401    .4772449
          2  |   .4012905   .0355898    11.28   0.000     .3277049    .4748761
          3  |   .4129189   .0321061    12.86   0.000     .3465363    .4793015
          4  |    .461615   .0208283    22.16   0.000     .4185505    .5046796
          5  |   .4865144   .0191297    25.43   0.000     .4469618     .526067
          6  |    .489294   .0190116    25.74   0.000     .4499856    .5286024
          7  |   .4978919    .022351    22.28   0.000     .4516762    .5441077
          8  |   .4982936   .0223083    22.34   0.000     .4521367    .5444505
          9  |   .4945788    .021881    22.60   0.000     .4492924    .5398651
         10  |   .4918573   .0215899    22.78   0.000     .4470868    .5366277
         11  |   .5025595    .026688    18.83   0.000     .4471036    .5580153
         12  |   .4166384   .0353517    11.79   0.000     .3435451    .4897317
         13  |   .4170212   .0338758    12.31   0.000     .3469797    .4870628
         14  |   .4129189   .0321061    12.86   0.000     .3465363    .4793015
         15  |   .5491851   .0404468    13.58   0.000     .4655573    .6328129
         16  |   .7899961   .0277087    28.51   0.000     .7327056    .8472867
         17  |   .8011944   .0342338    23.40   0.000     .7304019    .8719869
         18  |   .7816991   .0397839    19.65   0.000     .6994251     .863973
```

```
         19  |   .7740832   .0410104    18.88   0.000     .6892264    .8589399
         20  |   .7622918   .0437995    17.40   0.000     .6716616    .8529221
         21  |   .7543496   .0443314    17.02   0.000     .6625534    .8461458
         22  |   .7594706   .0451275    16.83   0.000     .6656926    .8532487
------------------------------------------------------------------------------

1031 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

1032 . * Results loaded into MS Excel and graphed
1033 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 4.1 percent of observations

1034 . * Complete case sample as robustness test
1035 . use matcheddiffindifflong.dta, clear

1036 . xtreg vdpolitlib i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       374
Group variable: diffid                          Number of groups   =        34

R-sq:  within  = 0.0353                         Obs per group: min =        11
       between = 0.0266                                        avg =      11.0
       overall = 0.0152                                        max =        11

                                                F(8,8)             =         .
corr(u_i, Xb)  = 0.0402                         Prob > F           =         .

                                  (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  vdpolitlib |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0075381   .0079514    -0.95   0.371    -.0258741    .0107978
          1  |  -.0044702   .0053812    -0.83   0.430    -.0168793    .0079388
          3  |   .0415393   .0363851     1.14   0.287     -.042365    .1254435
          4  |   .0444032   .0374756     1.18   0.270    -.0420157     .130822
          5  |   .0353172   .0410769     0.86   0.415    -.0594064    .1300407
          6  |   .0321853   .0418606     0.77   0.464    -.0643455    .1287161
          7  |  -.0125936   .0474916    -0.27   0.798    -.1221095    .0969223
          8  |  -.0239699   .0564043    -0.42   0.682    -.1540385    .1060986
          9  |  -.0264676   .0569153    -0.47   0.654    -.1577144    .1047793
         10  |  -.0212126   .0562643    -0.38   0.716    -.1509583    .1085332
             |
  revny#year |
       1  0  |   .0210858   .0121914     1.73   0.122    -.0070276    .0491991
       1  1  |   .0111368   .0085135     1.31   0.227    -.0084955     .030769
       1  3  |  -.0242883   .0672536    -0.36   0.727    -.1793753    .1307988
       1  4  |  -.0478248   .1138472    -0.42   0.685    -.3103569    .2147074
       1  5  |   -.044162   .1250478    -0.35   0.733    -.3325227    .2441987
       1  6  |  -.0616315   .1183224    -0.52   0.617    -.3344835    .2112205
       1  7  |   -.014481   .1079668    -0.13   0.897    -.2634528    .2344909
       1  8  |  -.0176068   .1173536    -0.15   0.884    -.2882248    .2530112
       1  9  |  -.0230213   .1117949    -0.21   0.842    -.2808209    .2347783
       1 10  |  -.0361556   .1091697    -0.33   0.749    -.2879013      .21559
             |
       _cons |   .3433172   .0549652     6.25   0.000     .2165673    .4700671
-------------+----------------------------------------------------------------
     sigma u |  .20400095
     sigma_e |  .14446556
         rho |  .66600406   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1037 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .3357791   .0540937     6.21   0.000     .2297573    .4418008
       0  1  |   .3388469   .0539044     6.29   0.000     .2331962    .4444977
       0  2  |   .3433172   .0549652     6.25   0.000     .2355874    .4510469
       0  3  |   .3848565   .0373867    10.29   0.000     .3115798    .4581331
       0  4  |   .3877204   .0414608     9.35   0.000     .3064588     .468982
       0  5  |   .3786344   .0483637     7.83   0.000     .2838432    .4734255
       0  6  |   .3755025   .0490339     7.66   0.000     .2793978    .4716073
       0  7  |   .3307236   .0372781     8.87   0.000     .2576599    .4037873
       0  8  |   .3193472   .0425925     7.50   0.000     .2358675     .402827
       0  9  |   .3168496   .0419653     7.55   0.000     .2345991    .3991002
       0 10  |   .3221046   .0402912     7.99   0.000     .2431354    .4010739
       1  0  |   .3568648   .0568916     6.27   0.000     .2453593    .4683703
       1  1  |   .3499837    .055798     6.27   0.000     .2406216    .4593458
       1  2  |   .3433172   .0549652     6.25   0.000     .2355874    .4510469
       1  3  |   .3605682   .0451135     7.99   0.000     .2721474    .4489889
       1  4  |   .3398956   .0750809     4.53   0.000     .1927398    .4870514
       1  5  |   .3344723   .0795283     4.21   0.000     .1785998    .4903449
       1  6  |    .313871   .0735688     4.27   0.000     .1696789    .4580631
       1  7  |   .3162426   .0751504     4.21   0.000     .1689506    .4635347
       1  8  |   .3017404   .0852421     3.54   0.000      .134669    .4688118
       1  9  |   .2938283   .0811088     3.62   0.000     .1348581    .4527986
       1 10  |    .285949   .0809016     3.53   0.000     .1273847    .4445133
```

```
1038 . xtreg vdpolitlib i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       892
Group variable: diffid                          Number of groups   =        86

R-sq:  within  = 0.4170                         Obs per group: min =         5
       between = 0.0284                                        avg =      10.4
       overall = 0.1358                                        max =        11

                                                F(20,25)           =     24.65
corr(u_i, Xb)  = -0.1199                        Prob > F           =    0.0000

                                  (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
  vdpolitlib |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0159579    .010334    -1.54   0.135    -.0372412    .0053254
          1  |   -.011645    .007796    -1.49   0.148    -.0277011    .0044111
          3  |   .0487465   .0232972     2.09   0.047     .0007649     .096728
          4  |   .0736806   .0312469     2.36   0.027     .0093263    .1380348
          5  |   .0764523   .0351337     2.18   0.039     .0040931    .1488115
          6  |   .0856714   .0414506     2.07   0.049     .0003024    .1710405
          7  |   .0961541   .0419982     2.29   0.031     .0096573     .182651
          8  |   .0924555   .0423965     2.18   0.039     .0051383    .1797727
          9  |   .0974695   .0448665     2.17   0.040     .0050652    .1898738
         10  |   .1149745   .0472779     2.43   0.023     .0176039    .2123451
             |
  revny#year |
        1  0 |   .0196774   .0104945     1.88   0.073    -.0019364    .0412912
        1  1 |   .0157473   .0076188     2.07   0.049     .0000561    .0314386
        1  3 |   .0875198   .0410305     2.13   0.043     .0030159    .1720237
        1  4 |   .3033967   .0420142     7.22   0.000     .2168668    .3899266
        1  5 |   .2940343    .051318     5.73   0.000     .1883429    .3997258
        1  6 |   .2642552   .0583007     4.53   0.000     .1441827    .3843277
        1  7 |    .248291   .0637377     3.90   0.001     .1170207    .3795613
        1  8 |   .2366856   .0650569     3.64   0.001     .1026984    .3706728
        1  9 |   .2473054   .0590566     4.19   0.000     .1256759    .3689348
        1 10 |   .2399957   .0601482     3.99   0.001     .1161182    .3638732
             |
       _cons |   .4084755    .027852    14.67   0.000     .3511132    .4658378
-------------+----------------------------------------------------------------
     sigma_u |  .21659501
     sigma_e |  .14554424
         rho |  .68892499   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1039 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |   .3925176   .0348106    11.28   0.000       .32429    .4607452
        0  1 |   .3968305   .0316898    12.52   0.000      .3347197    .4589414
        0  2 |   .4084755    .027852    14.67   0.000      .3538866    .4630645
        0  3 |    .457222   .0179694    25.44   0.000      .4220026    .4924414
        0  4 |   .4821561   .0190449    25.32   0.000      .4448287    .5194835
        0  5 |   .4849278   .0208466    23.26   0.000      .4440692    .5257865
        0  6 |    .494147   .0258335    19.13   0.000      .4435142    .5447798
        0  7 |   .5046296   .0267021    18.90   0.000      .4522945    .5569648
        0  8 |    .500931   .0262558    19.08   0.000      .4494706    .5523915
        0  9 |    .505945   .0283394    17.85   0.000      .4504009    .5614891
        0 10 |   .5234501   .0330554    15.84   0.000      .4586626    .5882375
        1  0 |    .412195   .0311563    13.23   0.000      .3511298    .4732602
        1  1 |   .4125779   .0296988    13.89   0.000      .3543694    .4707864
        1  2 |   .4084755    .027852    14.67   0.000      .3538866    .4630645
        1  3 |   .5447418   .0374498    14.55   0.000      .4713416    .6181419
        1  4 |   .7855528   .0311634    25.21   0.000      .7244736     .846632
        1  5 |   .7789622   .0379278    20.54   0.000       .704625    .8532994
        1  6 |   .7584022   .0437995    17.32   0.000      .6725567    .8442477
        1  7 |   .7529207   .0458513    16.42   0.000      .6630537    .8427876
        1  8 |   .7376166    .048887    15.09   0.000      .6417997    .8334335
        1  9 |   .7532504   .0424012    17.76   0.000      .6701456    .8363552
        1 10 |   .7634457   .0407184    18.75   0.000      .6836391    .8432523
------------------------------------------------------------------------------
```

```
1040 .
1041 . *=========================================================
1042 . * EFFECT OF REVOLUTION ON PRIVATE CIVIL LIBERTIES, MATCHED
1043 . *    CASES (FIGURE 9.12)
1044 . *=========================================================
1045 . * Compared to matched samples
1046 . * Multiple imputation
1047 . clear

1048 . use matcheddiffindifflong.dta, clear

1049 . global yvar = "vdclpriv"

1050 . quietly: chp9matchmultimp

1051 . * Successful social vs. matched counterparts
1052 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
> ht=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        374

Group variable: diffid                          Number of groups  =         34
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
                                                DF:     min       =       6.55
                                                        avg       =       6.55
DF adjustment:   Small sample                           max       =       6.55
                                                F(   8,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                  (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
    vdclpriv |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   -.006513   .0046932    -1.39   0.211    -.0177688    .0047428
          1  |  -.0010025   .0019538    -0.51   0.625    -.0056884    .0036834
          3  |   .0409177   .0337698     1.21   0.268    -.0400732    .1219087
          4  |   .0476178   .0344865     1.38   0.213    -.0350919    .1303275
          5  |    .048259   .0345879     1.40   0.208     -.034694    .1312119
          6  |   .0497216   .0344663     1.44   0.195    -.0329398     .132383
          7  |   .0499365   .0345265     1.45   0.194    -.0328693    .1327423
          8  |   .0534115   .0340575     1.57   0.164    -.0282694    .1350925
          9  |   .0479823   .0341623     1.40   0.206    -.0339501    .1299146
         10  |   .0493414   .0342295     1.44   0.196     -.032752    .1314347
             |
  revny#year |
       1  0  |   .0109569   .0060387     1.81   0.115    -.0035258    .0254396
       1  1  |   .0019684   .0015327     1.28   0.243    -.0017075    .0056443
       1  3  |  -.0310448   .0557624    -0.56   0.596    -.1647809    .1026914
       1  4  |  -.0551736   .0913434    -0.60   0.566    -.2742447    .1638974
       1  5  |  -.0595024   .0964591    -0.62   0.558    -.2908425    .1718378
       1  6  |  -.0769629   .0969832    -0.79   0.455    -.3095599    .1556341
       1  7  |  -.0766812   .0958485    -0.80   0.452    -.3065569    .1531944
       1  8  |  -.1021374   .1005442    -1.02   0.346    -.3432749        .139
       1  9  |  -.1130987   .0994442    -1.14   0.295    -.3515981    .1254006
       1 10  |  -.1236814   .0979139    -1.26   0.250    -.3585107    .1111478
             |
       _cons |   .3822786   .0512517     7.46   0.000     .2593606    .5051967
-------------+----------------------------------------------------------------
     sigma_u |  .19004928
     sigma_e |  .11997804
         rho |  .71503179   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

1053 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.55
                                                        avg       =       6.55
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2
```

```
4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8. at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19. at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22. at       : revny           =           1
               year            =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .3757656   .0506317     7.42   0.000     .2543345    .4971967
          2  |   .3812762   .0509344     7.49   0.000     .2591189    .5034334
          3  |   .3822786   .0512517     7.46   0.000     .2593606    .5051967
          4  |   .4231963   .0260568    16.24   0.000     .3607037     .485689
          5  |   .4298964   .0282718    15.21   0.000     .3620914    .4977014
          6  |   .4305376   .0289149    14.89   0.000     .3611903    .4998849
          7  |   .4320002   .0293352    14.73   0.000     .3616449    .5023556
          8  |   .4322151   .0288437    14.98   0.000     .3630386    .5013916
          9  |   .4356902   .0300638    14.49   0.000     .3635875    .5077929
         10  |   .4302609    .028299    15.20   0.000     .3623908     .498131
         11  |    .43162   .0290475    14.86   0.000     .3619548    .5012852
         12  |   .3867225   .0516664     7.48   0.000     .2628098    .5106352
         13  |   .3832446   .0512517     7.48   0.000     .2603263    .5061628
         14  |   .3822786   .0512517     7.46   0.000     .2593606    .5051967
         15  |   .3921516   .0345602    11.35   0.000      .309265    .4750382
         16  |   .3747228   .0649911     5.77   0.001     .2188531    .5305924
         17  |   .3710352   .0693766     5.35   0.001     .2046476    .5374228
         18  |   .3550373   .0700451     5.07   0.002     .1870465    .5230281
         19  |   .3555339    .069558     5.11   0.002     .1887113    .5223564
         20  |   .3335527   .0725758     4.60   0.003     .1594924     .507613
         21  |   .3171622   .0731348     4.34   0.004     .1417614     .492563
         22  |   .3079386   .0716093     4.30   0.004     .1361962    .4796809
------------------------------------------------------------------------------

1054 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
     Regression contained 9 revolutions and 25 matched cases

1055 . * Results loaded into MS Excel and graphed
```

```
1056 . * Successful urban civic vs. matched counterparts
1057 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
     > eight=freqwt], cluster(revid) fe

     Imputations (10):
       .........10 done

     Multiple-imputation estimates                   Imputations       =         10
     Fixed-effects (within) regression               Number of obs     =        946

     Group variable: diffid                          Number of groups  =         86
                                                     Obs per group:
                                                                   min =         11
                                                                   avg =       11.0
                                                                   max =         11
                                                     Average RVI       =     0.2262
                                                     Largest FMI       =     0.0547
                                                     Complete DF       =         25
     DF adjustment:   Small sample                   DF:     min       =      22.03
                                                             avg       =      23.07
                                                             max       =      23.21
     Model F test:       Equal FMI                   F(  20,   22.1)   =       6.08
     Within VCE type:       Robust                   Prob > F          =     0.0000

                                    (Within VCE adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
    vdclpriv |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0095112   .0051928    -1.83   0.080    -.0202479    .0012255
          1  |  -.0060827   .0041639    -1.46   0.157    -.0146919    .0025265
          3  |   .0163575   .0156634     1.04   0.307    -.0160282    .0487432
          4  |   .0312557   .0182181     1.72   0.100     -.006412    .0689234
          5  |   .0339012   .0189087     1.79   0.086    -.0051944    .0729969
          6  |   .0530433   .0303328     1.75   0.094    -.0096748    .1157614
          7  |   .0585729   .0310647     1.89   0.072    -.0056633    .1228091
          8  |   .0556673   .0309971     1.80   0.086    -.0084318    .1197665
          9  |   .0618647   .0310727     1.99   0.059    -.0024256    .1261549
         10  |   .0742743   .0358299     2.07   0.050     .0001197    .1484289
             |
  revny#year |
       1  0  |   .0132137   .0064189     2.06   0.051    -.0000581    .0264855
       1  1  |   .0112326   .0047138     2.38   0.026     .0014865    .0209788
       1  3  |   .0785889   .0263087     2.99   0.007     .0241929    .1329849
       1  4  |   .1623578   .0375132     4.33   0.000     .0847954    .2399203
       1  5  |   .1640875   .0372262     4.41   0.000     .0871164    .2410586
       1  6  |   .1433292   .0387561     3.70   0.001     .0631774    .2234809
       1  7  |   .1403162   .0407556     3.44   0.002     .0560158    .2246167
       1  8  |   .1459046    .042551     3.43   0.002     .0578858    .2339234
       1  9  |   .1310796   .0419985     3.12   0.005     .0441353    .2180239
       1 10  |   .1199693   .0472164     2.54   0.019     .0220568    .2178818
             |
        cons |   .5307958   .0247227    21.47   0.000      .479679    .5819126
-------------+----------------------------------------------------------------
     sigma_u |  .20706769
     sigma_e |  .11755335
         rho |  .75626439   (fraction of variance due to u_i)
------------------------------------------------------------------------------
     Note: sigma_u and sigma_e are combined in the original metric.

1058 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

     Multiple-imputation estimates                   Imputations       =         10
     Adjusted predictions                            Number of obs     =        946
                                                     Average RVI       =     4.7303
                                                     Largest FMI       =     0.0698
                                                     Complete DF       =         25
     DF adjustment:   Small sample                   DF:     min       =      21.64
                                                             avg       =      22.98
     Within VCE type: Delta-method                           max       =      23.21

     Expression   : Linear prediction, predict(xb)

     1._at        : revny           =           0
                    year            =           0

     2._at        : revny           =           0
                    year            =           1

     3._at        : revny           =           0
                    year            =           2

     4._at        : revny           =           0
                    year            =           3

     5._at        : revny           =           0
                    year            =           4

     6._at        : revny           =           0
                    year            =           5

     7._at        : revny           =           0
                    year            =           6

     8._at        : revny           =           0
                    year            =           7
```

```
9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13. at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	.5212846	.0269776	19.32	0.000	.4655057	.5770635
2	.5247131	.0268167	19.57	0.000	.4692668	.5801594
3	.5307958	.0247227	21.47	0.000	.479679	.5819126
4	.5471532	.016923	32.33	0.000	.5121632	.5821433
5	.5620515	.0131286	42.81	0.000	.5349068	.5891961
6	.564697	.0115701	48.81	0.000	.5407746	.5886194
7	.5838391	.0151524	38.53	0.000	.5525058	.6151723
8	.5893687	.0171911	34.28	0.000	.5538118	.6249255
9	.5864631	.0176814	33.17	0.000	.5498879	.6230383
10	.5926604	.0173876	34.09	0.000	.5566234	.6286975
11	.6050701	.0255499	23.68	0.000	.5521355	.6580047
12	.5344983	.0259279	20.61	0.000	.4808896	.5881069
13	.5359457	.02578	20.79	0.000	.4826429	.5892485
14	.5307958	.0247227	21.47	0.000	.479679	.5819126
15	.6257421	.0281663	22.22	0.000	.5675054	.6839788
16	.7244093	.0261619	27.69	0.000	.670317	.7785016
17	.7287845	.0272884	26.71	0.000	.6723599	.7852092
18	.7271683	.031349	23.20	0.000	.662334	.7920025
19	.7296849	.0313799	23.25	0.000	.6647655	.7946043
20	.7323677	.0322979	22.68	0.000	.6655424	.799193
21	.72374	.0328774	22.01	0.000	.6556352	.7918449
22	.7250394	.0337262	21.50	0.000	.6550272	.7950515

```
1059 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
     Regression contained 26 revolutions and 60 matched cases

1060 . * Results loaded into MS Excel and graphed
1061 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
     Data was imputed for 4.1 percent of observations

1062 . * Complete case sample as robustness test
1063 . use matcheddiffindifflong.dta, clear

1064 . xtreg vdclpriv i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
     note: 1.revny omitted because of collinearity

     Fixed-effects (within) regression               Number of obs      =       374
     Group variable: diffid                          Number of groups   =        34

     R-sq:  within  = 0.0497                         Obs per group: min =        11
            between = 0.2439                                        avg =      11.0
            overall = 0.1449                                        max =        11

                                                     F(8,8)             =         .
     corr(u_i, Xb)  = 0.2799                         Prob > F           =         .
```

```
                                (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
    vdclpriv |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   -.006513   .0046932    -1.39   0.203    -.0173355    .0043095
          1  |  -.0010025   .0019538    -0.51   0.622     -.005508     .003503
          3  |   .0409177   .0337698     1.21   0.260    -.0369556    .1187911
          4  |   .0476178   .0344865     1.38   0.205    -.0319082    .1271438
          5  |    .048259   .0345879     1.40   0.200    -.0315009    .1280188
          6  |   .0497216   .0344663     1.44   0.187    -.0297579    .1292011
          7  |   .0499365   .0345265     1.45   0.186    -.0296819    .1295548
          8  |   .0534115   .0340575     1.57   0.155    -.0251252    .1319483
          9  |   .0479823   .0341623     1.40   0.198    -.0307962    .1267608
         10  |   .0493414   .0342295     1.44   0.187    -.0295919    .1282747
             |
  revny#year |
       1  0  |   .0109569   .0060387     1.81   0.107    -.0029683    .0248821
       1  1  |   .0019684   .0015327     1.28   0.235     -.001566    .0055028
       1  3  |  -.0310448   .0557624    -0.56   0.593     -.159633    .0975435
       1  4  |  -.0551736   .0913434    -0.60   0.563    -.2658119    .1554646
       1  5  |  -.0595024   .0964591    -0.62   0.554    -.2819375    .1629328
       1  6  |  -.0769629   .0969832    -0.79   0.450    -.3006064    .1466807
       1  7  |  -.0766812   .0958485    -0.80   0.447    -.2977082    .1443458
       1  8  |  -.1021374   .1005442    -1.02   0.339    -.3339927    .1297179
       1  9  |  -.1130987   .0994442    -1.14   0.288    -.3424175      .11622
       1 10  |  -.1236814   .0979139    -1.26   0.242    -.3494713    .1021085
             |
       _cons |   .3822786   .0512517     7.46   0.000     .2640921    .5004652
-------------+----------------------------------------------------------------
     sigma_u |  .19004928
     sigma_e |  .11997804
         rho |  .71503179   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
1065 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .3757656   .0506317     7.42   0.000     .2765294    .4750019
       0  1  |   .3812762   .0509344     7.49   0.000     .2814465    .4811058
       0  2  |   .3822786   .0512517     7.46   0.000     .2818272      .48273
       0  3  |   .4231963   .0260568    16.24   0.000      .372126    .4742667
       0  4  |   .4298964   .0282718    15.21   0.000     .3744846    .4853082
       0  5  |   .4305376   .0289149    14.89   0.000     .3738654    .4872098
       0  6  |   .4320002   .0293352    14.73   0.000     .3745042    .4894962
       0  7  |   .4322151   .0288437    14.98   0.000     .3756825    .4887477
       0  8  |   .4356902   .0300638    14.49   0.000     .3767662    .4946141
       0  9  |   .4302609    .028299    15.20   0.000     .3747959    .4857259
       0 10  |     .43162   .0290475    14.86   0.000      .374688     .488552
       1  0  |   .3867225   .0516664     7.48   0.000     .2854583    .4879868
       1  1  |   .3832446   .0512517     7.48   0.000      .282793    .4836961
       1  2  |   .3822786   .0512517     7.46   0.000     .2818272      .48273
       1  3  |   .3921516   .0345602    11.35   0.000     .3244148    .4598884
       1  4  |   .3747228   .0649911     5.77   0.000     .2473426    .5021029
       1  5  |   .3710352   .0693766     5.35   0.000     .2350595    .5070109
       1  6  |   .3550373   .0700451     5.07   0.000     .2177514    .4923232
       1  7  |   .3555339    .069558     5.11   0.000     .2192027     .491865
       1  8  |   .3335527   .0725758     4.60   0.000     .1913067    .4757987
       1  9  |   .3171622   .0731348     4.34   0.000     .1738207    .4605037
       1 10  |   .3079386   .0716093     4.30   0.000     .1675869    .4482903
------------------------------------------------------------------------------
```

```
1066 . xtreg vdclpriv i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       892
Group variable: diffid                          Number of groups   =        86

R-sq:  within  = 0.2537                         Obs per group: min =         5
       between = 0.0146                                        avg =      10.4
       overall = 0.0564                                        max =        11

                                                F(20,25)           =     10.63
corr(u_i, Xb)  = -0.0465                        Prob > F           =    0.0000

                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
    vdclpriv |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0095281    .005196    -1.83   0.079    -.0202294    .0011732
          1  |  -.0060952   .0041677    -1.46   0.156    -.0146788    .0024883
          3  |   .0163719    .015685     1.04   0.307     -.015932    .0486758
          4  |   .0312814    .018242     1.71   0.099    -.0062888    .0688516
          5  |   .0339259   .0189339     1.79   0.085    -.0050692     .072921
          6  |   .0533688   .0305692     1.75   0.093    -.0095896    .1163273
```

```
           7  |   .0671846   .0317451     2.12   0.044     .0018044    .1325649
           8  |   .0639371   .0316364     2.02   0.054    -.0012193    .1290936
           9  |   .0678603   .0330135     2.06   0.050    -.0001322    .1358528
          10  |   .0862791   .0397284     2.17   0.040     .0044568    .1681013
              |
  revny#year |
        1  0  |   .0132306     .00642     2.06   0.050     8.37e-06    .0264529
        1  1  |   .0112452   .0047166     2.38   0.025      .001531    .0209593
        1  3  |   .0785744   .0263222     2.99   0.006     .0243629     .132786
        1  4  |   .1623321    .037534     4.32   0.000     .0850293    .2396349
        1  5  |   .1522799   .0382286     3.98   0.001     .0735466    .2310132
        1  6  |   .1299386   .0428893     3.03   0.006     .0416065    .2182708
        1  7  |   .1150485   .0483905     2.38   0.025     .0153864    .2147107
        1  8  |   .1213028   .0499478     2.43   0.023     .0184333    .2241723
        1  9  |   .1214936   .0450478     2.70   0.012      .028716    .2142713
        1 10  |   .1091078   .0494398     2.21   0.037     .0072847    .2109309
              |
       _cons  |   .5296326   .0218422    24.25   0.000     .4846477    .5746175
-------------+----------------------------------------------------------------
     sigma_u |  .20805701
     sigma_e |  .11266864
         rho |  .77324434   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1067 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        892
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |   .5201045   .0242777    21.42   0.000     .4725211    .5676879
        0  1 |   .5235374   .0240699    21.75   0.000     .4763612    .5707136
        0  2 |   .5296326   .0218422    24.25   0.000     .4868227    .5724426
        0  3 |   .5460046   .0134313    40.65   0.000     .5196796    .5723295
        0  4 |    .560914   .0109469    51.24   0.000     .5394585    .5823695
        0  5 |   .5635585   .0099685    56.53   0.000     .5440207    .5830964
        0  6 |   .5830015   .0183582    31.76   0.000       .54702    .6189829
        0  7 |   .5968172   .0212167    28.13   0.000     .5552333    .6384012
        0  8 |   .5935698   .0215019    27.61   0.000     .5514269    .6357126
        0  9 |   .5974929   .0216755    27.57   0.000     .5550098    .6399761
        0 10 |   .6159117   .0314602    19.58   0.000     .5542508    .6775726
        1  0 |   .5333351   .0228452    23.35   0.000     .4885594    .5781108
        1  1 |   .5347825   .0227133    23.54   0.000     .4902653    .5792997
        1  2 |   .5296326   .0218422    24.25   0.000     .4868227    .5724426
        1  3 |    .624579   .0256208    24.38   0.000     .5743632    .6747947
        1  4 |   .7232461   .0289714    24.96   0.000     .6664633    .7800289
        1  5 |   .7158384   .0306302    23.37   0.000     .6558043    .7758726
        1  6 |   .7129401   .0344317    20.71   0.000     .6454552    .7804251
        1  7 |   .7118658   .0326281    21.82   0.000     .6479159    .7758156
        1  8 |   .7148725   .0336685    21.23   0.000     .6488834    .7808616
        1  9 |   .7189866   .0304939    23.58   0.000     .6592196    .7787535
        1 10 |   .7250195   .0290559    24.95   0.000      .668071    .7819679
------------------------------------------------------------------------------

1068 .
1069 . *=================================================
1070 . * EFFECT OF REVOLUTION ON THE RULE OF LAW, MATCHED
1071 . *    CASES (FIGURE 9.13)
1072 . *=================================================
1073 . * Compared to matched samples
1074 . * Multiple imputation
1075 . clear

1076 . use matcheddiffindifflong.dta, clear

1077 . global yvar = "vdrule"

1078 . quietly: chp9matchmultimp

1079 . * Successful social vs. matched counterparts
1080 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
> ht=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        374

Group variable: diffid                          Number of groups  =         34
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
                                                DF:     min       =       6.55
                                                        avg       =       6.55
DF adjustment:   Small sample                   max               =       6.55
                                                F(   8,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .
```

```
                                (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
      vdrule |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |    .002275    .002246     1.01   0.347    -.0031117    .0076618
          1  |   4.32e-06   .0028477     0.00   0.999    -.0068255    .0068341
          3  |   .0392868   .0282132     1.39   0.209    -.0283776    .1069513
          4  |   .0367349   .0302167     1.22   0.266    -.0357345    .1092043
          5  |   .0352652   .0307177     1.15   0.291    -.0384057    .1089362
          6  |   .0347093   .0323437     1.07   0.321    -.0428613    .1122799
          7  |   .0245964   .0320168     0.77   0.469    -.0521903    .1013831
          8  |   .0179809   .0324376     0.55   0.598    -.0598149    .0957767
          9  |   .0181701   .0322957     0.56   0.592    -.0592854    .0956255
         10  |   .0192582   .0325104     0.59   0.573    -.0587122    .0972286
             |
  revny#year |
       1  0  |   .0007092   .0045116     0.16   0.880     -.010111    .0115294
       1  1  |    .003724   .0042723     0.87   0.414    -.0065223    .0139704
       1  3  |  -.0216129   .0344037    -0.63   0.551    -.1041242    .0608983
       1  4  |   .0035042   .0706698     0.05   0.962    -.1659849    .1729933
       1  5  |   .0044829   .0718382     0.06   0.952    -.1678082    .1767741
       1  6  |   .0041584   .0707694     0.06   0.955    -.1655696    .1738863
       1  7  |   .0104578   .0709554     0.15   0.887    -.1597162    .1806318
       1  8  |  -.0022663   .0874706    -0.03   0.980    -.2120492    .2075166
       1  9  |  -.0073346   .0831899    -0.09   0.932    -.2068508    .1921816
       1 10  |  -.0079183   .0830262    -0.10   0.927    -.2070419    .1912053
             |
       _cons |   .3235926   .0327562     9.88   0.000     .2450326    .4021526
-------------+----------------------------------------------------------------
     sigma_u |  .20447845
     sigma_e |   .0934743
         rho |  .82714859   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

1081 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.55
                                                        avg       =       6.55
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9._at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4
```

```
17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.3258676	.0334171	9.75	0.000	.2457227	.4060126
2	.3235969	.0327181	9.89	0.000	.2451283	.4020655
3	.3235926	.0327562	9.88	0.000	.2450326	.4021526
4	.3628794	.0216351	16.77	0.000	.3109914	.4147674
5	.3603275	.0264737	13.61	0.000	.2968349	.42382
6	.3588578	.0268619	13.36	0.000	.2944344	.4232812
7	.3583018	.0289531	12.38	0.000	.2888629	.4277407
8	.348189	.026699	13.04	0.000	.284156	.4122219
9	.3415735	.0289123	11.81	0.000	.2722323	.4109146
10	.3417626	.0286114	11.94	0.000	.2731432	.4103821
11	.3428508	.0289963	11.82	0.000	.2733084	.4123932
12	.3265768	.0342731	9.53	0.000	.2443789	.4087747
13	.3273209	.0341988	9.57	0.000	.2453011	.4093408
14	.3235926	.0327562	9.88	0.000	.2450326	.4021526
15	.3412665	.025885	13.18	0.000	.2791859	.4033471
16	.3638317	.0466606	7.80	0.000	.2519246	.4757388
17	.3633407	.0481487	7.55	0.000	.2478645	.478817
18	.3624602	.0458029	7.91	0.000	.25261	.4723104
19	.3586467	.0475415	7.54	0.000	.2446269	.4726666
20	.3393072	.0622546	5.45	0.001	.1900006	.4886138
21	.334428	.0588025	5.69	0.001	.1934006	.4754555
22	.3349325	.0586208	5.71	0.001	.1943408	.4755242

```
1082 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
     Regression contained 9 revolutions and 25 matched cases

1083 . * Results loaded into MS Excel and graphed
1084 . * Successful urban civic vs. matched counterparts
1085 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
     > eight=freqwt], cluster(revid) fe

     Imputations (10):
       .........10 done

     Multiple-imputation estimates                   Imputations       =         10
     Fixed-effects (within) regression               Number of obs     =        946

     Group variable: diffid                          Number of groups  =         86
                                                     Obs per group:
                                                                   min =         11
                                                                   avg =       11.0
                                                                   max =         11
                                                     Average RVI       =     0.2589
                                                     Largest FMI       =     0.1322
                                                     Complete DF       =         25
     DF adjustment:   Small sample                   DF:     min       =      19.88
                                                             avg       =      22.76
                                                             max       =      23.21
     Model F test:       Equal FMI                   F(  20,   21.9)   =       3.39
     Within VCE type:        Robust                  Prob > F          =     0.0033

                                    (Within VCE adjusted for 26 clusters in revid)
```

vdrule	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.revny	0	(omitted)				
year						
0	-.0056474	.0065844	-0.86	0.400	-.0192613	.0079665
1	.0029202	.0031157	0.94	0.358	-.0035218	.0093622
3	.0038748	.0029837	1.30	0.207	-.0022943	.010044
4	.0135715	.0083995	1.62	0.120	-.0037953	.0309383
5	.0148378	.01082	1.37	0.183	-.0075336	.0372091
6	.0146521	.0112925	1.30	0.207	-.0086988	.0380031
7	.0207858	.012487	1.66	0.110	-.0050626	.0466343
8	.0194602	.0129766	1.50	0.148	-.007418	.0463385
9	.0203719	.0128733	1.58	0.129	-.0064347	.0471784
10	.0214124	.0141736	1.51	0.147	-.0081646	.0509895
revny#year						
1 0	.0046847	.0084042	0.56	0.583	-.0126919	.0220612
1 1	-.0069819	.0065398	-1.07	0.297	-.0205036	.0065397
1 3	.1037647	.029119	3.56	0.002	.0435583	.1639711
1 4	.1569064	.0336096	4.67	0.000	.0874153	.2263976
1 5	.1846904	.0397192	4.65	0.000	.1025632	.2668176
1 6	.1807701	.0416928	4.34	0.000	.0945565	.2669837
1 7	.1711301	.044075	3.88	0.001	.0799672	.2622929
1 8	.1680324	.0445656	3.77	0.001	.0758441	.2602208

```
       1  9  |   .1604228   .0473332     3.39   0.003     .0624543    .2583913
       1 10  |   .1633511   .0491147     3.33   0.003     .0614141     .265288
             |
       _cons |   .3293861   .0155956    21.12   0.000     .2971405    .3616316
-------------+----------------------------------------------------------------
     sigma_u |  .22338837
     sigma_e |  .08741571
         rho |  .86720554   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.

1086 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        946
                                                Average RVI       =     7.7018
                                                Largest FMI       =     0.0937
                                                Complete DF       =         25
DF adjustment:   Small sample                   DF:     min       =      20.98
                                                        avg       =      22.83
Within VCE type: Delta-method                           max       =      23.21

Expression   : Linear prediction, predict(xb)

1._at        : revny           =           0
               year            =           0

2._at        : revny           =           0
               year            =           1

3._at        : revny           =           0
               year            =           2

4._at        : revny           =           0
               year            =           3

5._at        : revny           =           0
               year            =           4

6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10._at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21._at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

```
------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .3237386    .017045    18.99   0.000     .2884965    .3589808
          2  |   .3323063   .0158024    21.03   0.000     .2996333    .3649793
          3  |   .3293861   .0155956    21.12   0.000     .2971405    .3616316
          4  |   .3332609   .0149091    22.35   0.000     .3024348     .364087
          5  |   .3429576   .0141714    24.20   0.000     .3136567    .3722585
          6  |   .3442238    .014494    23.75   0.000      .314256    .3741916
          7  |   .3440382   .0150437    22.87   0.000     .3129318    .3751446
          8  |   .3501719   .0168366    20.80   0.000     .3153387     .385005
          9  |   .3488463   .0160083    21.79   0.000     .3157099    .3819827
         10  |   .3497579   .0155142    22.54   0.000     .3175367    .3819791
         11  |   .3507985   .0169378    20.71   0.000     .3155723    .3860246
         12  |   .3284233   .0151192    21.72   0.000     .2971628    .3596838
         13  |   .3253244   .0153312    21.22   0.000     .2936256    .3570231
         14  |   .3293861   .0155956    21.12   0.000     .2971405    .3616316
         15  |   .4370256   .0231597    18.87   0.000     .3891405    .4849106
         16  |    .499864   .0223221    22.39   0.000     .4537108    .5460173
         17  |   .5289142    .026581    19.90   0.000     .4739499    .5838785
         18  |   .5248083   .0281513    18.64   0.000     .4665921    .5830245
         19  |    .521302   .0287297    18.15   0.000     .4618547    .5807493
         20  |   .5168787   .0303627    17.02   0.000     .4540317    .5797258
         21  |   .5101807   .0340883    14.97   0.000     .4395548    .5808067
         22  |   .5141495   .0354432    14.51   0.000     .4404792    .5878198
------------------------------------------------------------------------------

1087 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
Regression contained 26 revolutions and 60 matched cases

1088 . * Results loaded into MS Excel and graphed
1089 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
Data was imputed for 4.1 percent of observations

1090 . * Complete case sample as robustness test
1091 . xtreg vdrule i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       374
Group variable: diffid                          Number of groups   =        34

R-sq:  within  = 0.0281                         Obs per group: min =        11
       between = 0.0086                                        avg =      11.0
       overall = 0.0023                                        max =        11

                                                F(8,8)             =         .
corr(u_i, Xb)  = 0.0030                         Prob > F           =         .

                                (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
      vdrule |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |    .002275    .002246     1.01   0.341    -.0029043    .0074544
          1  |   4.32e-06   .0028477     0.00   0.999    -.0065626    .0065712
          3  |   .0392868   .0282132     1.39   0.201     -.025773    .1043467
          4  |   .0367349   .0302167     1.22   0.259    -.0329449    .1064147
          5  |   .0352652   .0307177     1.15   0.284    -.0355699    .1061003
          6  |   .0347093   .0323437     1.07   0.315    -.0398754    .1092939
          7  |   .0245964   .0320168     0.77   0.464    -.0492345    .0984273
          8  |   .0179809   .0324376     0.55   0.595    -.0568203    .0927821
          9  |   .0181701   .0322957     0.56   0.589    -.0563038     .092644
         10  |   .0192582   .0325104     0.59   0.570    -.0557109    .0942273
             |
  revny#year |
       1  0  |   .0007092   .0045116     0.16   0.879    -.0096945    .0111128
       1  1  |    .003724   .0042723     0.87   0.409    -.0061279     .013576
       1  3  |  -.0216129   .0344037    -0.63   0.547    -.1009481    .0577222
       1  4  |   .0035042   .0706698     0.05   0.962    -.1594607    .1664691
       1  5  |   .0044829   .0718382     0.06   0.952    -.1611762     .170142
       1  6  |   .0041584   .0707694     0.06   0.955    -.1590362    .1673529
       1  7  |   .0104578   .0709554     0.15   0.886    -.1531657    .1740812
       1  8  |  -.0022663   .0874706    -0.03   0.980    -.2039739    .1994414
       1  9  |  -.0073346   .0831899    -0.09   0.932    -.1991707    .1845015
       1 10  |  -.0079183   .0830262    -0.10   0.926     -.199377    .1835404
             |
       _cons |   .3235926   .0327562     9.88   0.000     .2480566    .3991285
-------------+----------------------------------------------------------------
     sigma_u |  .20447845
     sigma_e |   .0934743
         rho |  .82714859   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1092 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()
```

```
------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .3258676   .0334171     9.75   0.000     .2603714    .3913639
       0  1  |   .3235969   .0327181     9.89   0.000     .2594705    .3877232
       0  2  |   .3235926   .0327562     9.88   0.000     .2593916    .3877936
       0  3  |   .3628794   .0216351    16.77   0.000     .3204754    .4052834
       0  4  |   .3603275   .0264737    13.61   0.000     .3084399     .412215
       0  5  |   .3588578   .0268619    13.36   0.000     .3062095    .4115061
       0  6  |   .3583018   .0289531    12.38   0.000     .3015548    .4150489
       0  7  |    .348189    .026699    13.04   0.000     .2958598    .4005181
       0  8  |   .3415735   .0289123    11.81   0.000     .2849063    .3982406
       0  9  |   .3417626   .0286114    11.94   0.000     .2856853      .39784
       0 10  |   .3428508   .0289963    11.82   0.000     .2860191    .3996824
       1  0  |   .3265768   .0342731     9.53   0.000     .2594028    .3937508
       1  1  |   .3273209   .0341988     9.57   0.000     .2602925    .3943494
       1  2  |   .3235926   .0327562     9.88   0.000     .2593916    .3877936
       1  3  |   .3412665    .025885    13.18   0.000     .2905328    .3920002
       1  4  |   .3638317   .0466606     7.80   0.000     .2723786    .4552847
       1  5  |   .3633407   .0481487     7.55   0.000     .2689709    .4577105
       1  6  |   .3624602   .0458029     7.91   0.000     .2726881    .4522322
       1  7  |   .3586467   .0475415     7.54   0.000     .2654672    .4518263
       1  8  |   .3393072   .0622546     5.45   0.000     .2172905    .4613239
       1  9  |    .334428   .0588025     5.69   0.000     .2191772    .4496789
       1 10  |   .3349325   .0586208     5.71   0.000     .2200377    .4498272
------------------------------------------------------------------------------

1093 . xtreg vdrule i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
     note: 1.revny omitted because of collinearity

     Fixed-effects (within) regression               Number of obs      =      1432
     Group variable: diffid                          Number of groups   =        86

     R-sq:  within  = 0.2714                         Obs per group: min =        11
            between = 0.0087                                        avg =      16.7
            overall = 0.0338                                        max =        65

                                                     F(20,25)           =      8.86
     corr(u_i, Xb)  = -0.1497                        Prob > F           =    0.0000

                                    (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
      vdrule |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0056474   .0065603    -0.86   0.398    -.0191587    .0078639
          1  |   .0029202   .0031043     0.94   0.356    -.0034732    .0093137
          3  |   .0038748   .0029728     1.30   0.204    -.0022478    .0099975
          4  |   .0135715   .0083688     1.62   0.117    -.0036644    .0308074
          5  |   .0148378   .0107804     1.38   0.181     -.007365    .0370405
          6  |   .0140053   .0112664     1.24   0.225    -.0091984    .0372089
          7  |   .0170009   .0128971     1.32   0.199    -.0095611    .0435629
          8  |   .0179079   .0153699     1.17   0.255    -.0137471    .0495629
          9  |   .0241056    .012048     2.00   0.056    -.0007077    .0489189
         10  |   .0252625   .0137773     1.83   0.079    -.0031124    .0536374
             |
  revny#year |
       1  0  |   .0046847   .0083735     0.56   0.581    -.0125609    .0219303
       1  1  |  -.0069819   .0065159    -1.07   0.294    -.0204017    .0064378
       1  3  |   .1037647   .0290126     3.58   0.001      .044012    .1635173
       1  4  |   .1569064   .0334868     4.69   0.000      .087939    .2258739
       1  5  |   .1772196   .0417552     4.24   0.000     .0912231    .2632162
       1  6  |   .1762849   .0427118     4.13   0.000     .0883183    .2642515
       1  7  |   .1746036   .0475807     3.67   0.001     .0766092     .272598
       1  8  |   .1734572   .0505919     3.43   0.002     .0692612    .2776533
       1  9  |    .148662   .0484039     3.07   0.005     .0489724    .2483517
       1 10  |   .1664833   .0504618     3.30   0.003     .0625553    .2704112
             |
       _cons |   .3532889   .0219143    16.12   0.000     .3081556    .3984222
-------------+----------------------------------------------------------------
     sigma_u |  .22683884
     sigma_e |  .08371776
         rho |   .8801211   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1094 . margins i.revny#ib(2).year, noestimcheck

     Adjusted predictions                            Number of obs     =      1,432
     Model VCE    : Robust

     Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
       0  0  |   .3476415   .0231137    15.04   0.000     .3023395    .3929434
       0  1  |   .3562091   .0220741    16.14   0.000     .3129446    .3994736
       0  2  |   .3532889   .0219143    16.12   0.000     .3103377    .3962401
       0  3  |   .3571637   .0212035    16.84   0.000     .3156055    .3987219
       0  4  |   .3668604   .0197385    18.59   0.000     .3281737    .4055471
       0  5  |   .3681266   .0194901    18.89   0.000     .3299267    .4063265
       0  6  |   .3672941   .0199587    18.40   0.000     .3281757    .4064125
       0  7  |   .3702898   .0212838    17.40   0.000     .3285744    .4120052
       0  8  |   .3711968   .0226011    16.42   0.000     .3268995    .4154941
```

```
       0  9  |   .3773945   .0207559    18.18   0.000     .3367136    .4180754
       0 10  |   .3785514   .0203889    18.57   0.000     .3385899    .4185129
       1  0  |   .3523261   .0209605    16.81   0.000     .3112444    .3934079
       1  1  |   .3492272   .0209899    16.64   0.000     .3080878    .3903665
       1  2  |   .3532889   .0219143    16.12   0.000     .3103377    .3962401
       1  3  |   .4609284   .0243334    18.94   0.000     .4132359    .5086209
       1  4  |   .5237668   .0179462    29.19   0.000     .4885929    .5589408
       1  5  |   .5453463   .0230599    23.65   0.000     .5001498    .5905428
       1  6  |    .543579   .0234353    23.19   0.000     .4976468    .5895113
       1  7  |   .5448934   .0272689    19.98   0.000     .4914473    .5983395
       1  8  |    .544654   .0291716    18.67   0.000     .4874788    .6018293
       1  9  |   .5260565   .0280694    18.74   0.000     .4710415    .5810715
       1 10  |   .5450347   .0316238    17.23   0.000     .4830532    .6070162
------------------------------------------------------------------------------

1095 .
1096 . *============================================================
1097 . * EFFECT OF REVOLUTION ON GOVERNMENT ACCOUNTABILITY, MATCHED
1098 . *    CASES (FIGURE 9.14)
1099 . *============================================================
1100 . * Compared to matched samples
1101 . * Multiple imputation
1102 . clear

1103 . use matcheddiffindifflong.dta, clear

1104 . global yvar = "vdaccount"

1105 . quietly: chp9matchmultimp

1106 . * Successful social vs. matched counterparts
1107 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & leftist==1 [pweig
> ht=freqwt], cluster(revid) fe

Imputations (10):
  .........10 done

Multiple-imputation estimates                   Imputations       =         10
Fixed-effects (within) regression               Number of obs     =        374

Group variable: diffid                          Number of groups  =         34
                                                Obs per group:
                                                              min =         11
                                                              avg =       11.0
                                                              max =         11
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
                                                DF:     min       =       6.55
                                                        avg       =       6.55
DF adjustment:   Small sample                   max               =       6.55
                                                F(   8,      .)   =          .
Within VCE type:       Robust                   Prob > F          =          .

                                (Within VCE adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
   vdaccount |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0008351    .003728    -0.22   0.830     -.009776    .0081058
          1  |  -.0004808   .0023134    -0.21   0.842    -.0060291    .0050675
          3  |   .0282409   .0217011     1.30   0.237    -.0238053    .0802872
          4  |    .024542   .0231576     1.06   0.327    -.0309975    .0800815
          5  |   .0210232   .0254479     0.83   0.438    -.0400092    .0820556
          6  |   .0200549   .0258035     0.78   0.464    -.0418301     .08194
          7  |  -.0016715   .0301779    -0.06   0.957    -.0740478    .0707048
          8  |  -.0125119   .0330477    -0.38   0.717    -.0917709    .0667471
          9  |  -.0121516   .0334611    -0.36   0.728     -.092402    .0680989
         10  |  -.0089237   .0338483    -0.26   0.800    -.0901028    .0722554
             |
  revny#year |
       1  0  |   .0077229   .0037873     2.04   0.084    -.0013603     .016806
       1  1  |   .0043815   .0038576     1.14   0.296    -.0048703    .0136334
       1  3  |   .0142917   .0346193     0.41   0.693    -.0687367    .0973201
       1  4  |  -.0111671   .0685034    -0.16   0.875    -.1754605    .1531262
       1  5  |  -.0280893   .0746833    -0.38   0.719     -.207204    .1510255
       1  6  |  -.0346062   .0731918    -0.47   0.652    -.2101439    .1409314
       1  7  |   -.013684   .0679297    -0.20   0.846    -.1766013    .1492333
       1  8  |   .0007689   .0787216     0.01   0.992    -.1880309    .1895687
       1  9  |  -.0151303   .0744715    -0.20   0.845    -.1937372    .1634765
       1 10  |  -.0230002   .0764717    -0.30   0.773    -.2064039    .1604036
             |
       _cons |   .3659158   .0321196    11.39   0.000     .2888828    .4429489
-------------+----------------------------------------------------------------
     sigma_u |  .12890034
     sigma_e |  .09220383
         rho |  .66152013   (fraction of variance due to u_i)
------------------------------------------------------------------------------
Note: sigma_u and sigma_e are combined in the original metric.
```

```
1108 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

Multiple-imputation estimates                   Imputations       =         10
Adjusted predictions                            Number of obs     =        374
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =          8
DF adjustment:   Small sample                   DF:     min       =       6.55
                                                        avg       =       6.55
Within VCE type: Delta-method                           max       =       6.55

Expression   : Linear prediction, predict(xb)

1._at        : revny          =           0
               year           =           0

2._at        : revny          =           0
               year           =           1

3._at        : revny          =           0
               year           =           2

4._at        : revny          =           0
               year           =           3

5._at        : revny          =           0
               year           =           4

6._at        : revny          =           0
               year           =           5

7._at        : revny          =           0
               year           =           6

8._at        : revny          =           0
               year           =           7

9. at        : revny          =           0
               year           =           8

10._at       : revny          =           0
               year           =           9

11._at       : revny          =           0
               year           =          10

12._at       : revny          =           1
               year           =           0

13._at       : revny          =           1
               year           =           1

14._at       : revny          =           1
               year           =           2

15._at       : revny          =           1
               year           =           3

16._at       : revny          =           1
               year           =           4

17._at       : revny          =           1
               year           =           5

18._at       : revny          =           1
               year           =           6

19._at       : revny          =           1
               year           =           7

20. at       : revny          =           1
               year           =           8

21._at       : revny          =           1
               year           =           9

22._at       : revny          =           1
               year           =          10

------------------------------------------------------------------------------
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         _at |
          1  |   .3650807   .0332088    10.99   0.000     .2854353    .4447261
          2  |   .3654351   .0322435    11.33   0.000     .2881047    .4427655
          3  |   .3659158   .0321196    11.39   0.000     .2888828    .4429489
          4  |   .3941568   .0230907    17.07   0.000     .3387778    .4495357
          5  |   .3904579   .0279176    13.99   0.000     .3235025    .4574132
          6  |    .386939   .0311577    12.42   0.000     .3122128    .4616652
          7  |   .3859708   .0312044    12.37   0.000     .3111326    .4608089
          8  |   .3642443   .0264163    13.79   0.000     .3008895    .4275992
          9  |    .353404   .0250901    14.09   0.000     .2932297    .4135782
         10  |   .3537643   .0244005    14.50   0.000     .2952439    .4122847
         11  |   .3569921   .0248273    14.38   0.000     .2974483    .4165359
         12  |   .3728036   .0338005    11.03   0.000      .291739    .4538682
         13  |   .3698166   .0327734    11.28   0.000     .2912155    .4484177
         14  |   .3659158   .0321196    11.39   0.000     .2888828    .4429489
         15  |   .4084485   .0210006    19.45   0.000     .3580822    .4588148
         16  |   .3792907   .0422349     8.98   0.000     .2779978    .4805837
         17  |   .3588498   .0451162     7.95   0.000     .2506464    .4670531
         18  |   .3513646    .044295     7.93   0.000     .2451309    .4575982
```

```
         19  |   .3505603   .0450396     7.78   0.000     .2425407    .4585799
         20  |   .3541728   .0582862     6.08   0.001     .2143837     .493962
         21  |   .3386339   .0564845     6.00   0.001     .2031659    .4741019
         22  |   .3339919   .0590226     5.66   0.001     .1924367    .4755472
------------------------------------------------------------------------------

1109 . display "Regression contained " e(N_clust_mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
     Regression contained 9 revolutions and 25 matched cases

1110 . * Results loaded into MS Excel and graphed
1111 . * Successful urban civic vs. matched counterparts
1112 . mi estimate, post dots saving(miest, replace): xtreg $yvar i.revny##ib(2).year if success==1 & urbancivic==1 [pw
     > eight=freqwt], cluster(revid) fe

     Imputations (10):
       .........10 done

     Multiple-imputation estimates                   Imputations       =         10
     Fixed-effects (within) regression               Number of obs     =        913

     Group variable: diffid                          Number of groups  =         83
                                                     Obs per group:
                                                                  min =         11
                                                                  avg =       11.0
                                                                  max =         11
                                                     Average RVI       =     0.2829
                                                     Largest FMI       =     0.1788
                                                     Complete DF       =         24
     DF adjustment:   Small sample                   DF:     min       =      17.77
                                                             avg       =      21.55
                                                             max       =      22.22
     Model F test:       Equal FMI                   F(  20,   20.8)   =       4.69
     Within VCE type:        Robust                  Prob > F          =     0.0005

                                    (Within VCE adjusted for 25 clusters in revid)
------------------------------------------------------------------------------
   vdaccount |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |   -.009398   .0059382    -1.58   0.128    -.0217059      .00291
          1  |  -.0018642   .0031145    -0.60   0.556    -.0083196    .0045912
          3  |   .0235639   .0135318     1.74   0.095     -.004483    .0516109
          4  |   .0328568   .0193571     1.70   0.104     -.007264    .0729777
          5  |   .0363456   .0225801     1.61   0.122    -.0104555    .0831468
          6  |   .0391915   .0247698     1.58   0.128     -.012179     .090562
          7  |   .0376482   .0252541     1.49   0.150    -.0147613    .0900577
          8  |   .0351031   .0259198     1.35   0.190    -.0187314    .0889375
          9  |   .0361834   .0277439     1.30   0.207    -.0216117    .0939785
         10  |   .0571877   .0333962     1.71   0.102    -.0122769    .1266523
             |
  revny#year |
        1  0 |   .0134726   .0128944     1.04   0.307    -.0132534    .0401985
        1  1 |   .0088155   .0070221     1.26   0.222    -.0057391    .0233701
        1  3 |   .0995359   .0255339     3.90   0.001     .0466126    .1524592
        1  4 |   .1965026    .029546     6.65   0.000     .1352635    .2577418
        1  5 |    .203657   .0306853     6.64   0.000     .1400517    .2672622
        1  6 |   .1992672   .0331822     6.01   0.000     .1304071    .2681272
        1  7 |   .1911904   .0357664     5.35   0.000     .1169061    .2654748
        1  8 |   .1906405   .0361696     5.27   0.000     .1154815    .2657995
        1  9 |   .1894434   .0371622     5.10   0.000     .1117398    .2671471
        1 10 |   .1723076   .0422931     4.07   0.001     .0833706    .2612445
             |
       _cons |   .4227567   .0206282    20.49   0.000     .3800011    .4655122
-------------+----------------------------------------------------------------
     sigma_u |  .14536136
     sigma_e |  .09466938
         rho |  .70217242   (fraction of variance due to u_i)
------------------------------------------------------------------------------
     Note: sigma_u and sigma_e are combined in the original metric.

1113 . mimrgns, at(revny=(0 1) year=(0 1 2 3 4 5 6 7 8 9 10)) predict(xb)

     Multiple-imputation estimates                   Imputations       =         10
     Adjusted predictions                            Number of obs     =        913
                                                     Average RVI       =     6.5769
                                                     Largest FMI       =     0.2340
                                                     Complete DF       =         24
     DF adjustment:   Small sample                   DF:     min       =      16.22
                                                             avg       =      21.11
     Within VCE type: Delta-method                           max       =      22.22

     Expression   : Linear prediction, predict(xb)

     1._at        : revny           =           0
                    year            =           0

     2._at        : revny           =           0
                    year            =           1

     3._at        : revny           =           0
                    year            =           2

     4._at        : revny           =           0
                    year            =           3

     5._at        : revny           =           0
                    year            =           4
```

```
6._at        : revny           =           0
               year            =           5

7._at        : revny           =           0
               year            =           6

8._at        : revny           =           0
               year            =           7

9._at        : revny           =           0
               year            =           8

10. at       : revny           =           0
               year            =           9

11._at       : revny           =           0
               year            =          10

12._at       : revny           =           1
               year            =           0

13._at       : revny           =           1
               year            =           1

14._at       : revny           =           1
               year            =           2

15._at       : revny           =           1
               year            =           3

16._at       : revny           =           1
               year            =           4

17._at       : revny           =           1
               year            =           5

18._at       : revny           =           1
               year            =           6

19._at       : revny           =           1
               year            =           7

20._at       : revny           =           1
               year            =           8

21. at       : revny           =           1
               year            =           9

22._at       : revny           =           1
               year            =          10
```

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
at						
1	.4133587	.0239407	17.27	0.000	.3637375	.4629799
2	.4208924	.0221011	19.04	0.000	.375084	.4667008
3	.4227567	.0206282	20.49	0.000	.3800011	.4655122
4	.4463206	.0144308	30.93	0.000	.4164102	.4762309
5	.4556135	.0129492	35.18	0.000	.4287742	.4824529
6	.4591023	.0131633	34.88	0.000	.4318191	.4863855
7	.4619482	.0140951	32.77	0.000	.4326756	.4912207
8	.4604049	.0143983	31.98	0.000	.4304292	.4903805
9	.4578597	.0143669	31.87	0.000	.4278318	.4878876
10	.4589401	.0161173	28.47	0.000	.4248101	.4930702
11	.4799444	.0241098	19.91	0.000	.4295815	.5303072
12	.4268313	.0223693	19.08	0.000	.3804671	.4731954
13	.4297079	.0216811	19.82	0.000	.3847701	.4746457
14	.4227567	.0206282	20.49	0.000	.3800011	.4655122
15	.5458565	.0219477	24.87	0.000	.5003661	.5913469
16	.6521161	.0192179	33.93	0.000	.6122838	.6919485
17	.6627592	.0217362	30.49	0.000	.6177006	.7078178
18	.6612154	.0246829	26.79	0.000	.6099966	.7124341
19	.6515953	.0274403	23.75	0.000	.5946067	.7085839
20	.6485002	.0286924	22.60	0.000	.5888455	.708155
21	.6483835	.0296613	21.86	0.000	.5863675	.7103995
22	.6522519	.0306856	21.26	0.000	.5874666	.7170373

```
1114 . display "Regression contained " e(N clust mi) " revolutions and " (e(N_g_mi) - e(N_clust_mi)) " matched cases"
     Regression contained 25 revolutions and 58 matched cases

1115 . * Results loaded into MS Excel and graphed
1116 . display "Data was imputed for " round((100 * sec/(fir + sec)), .1) " percent of observations"
     Data was imputed for 5 percent of observations

1117 . * Complete case sample as robustness test
1118 . use matcheddiffindifflong.dta, clear
```

```
1119 . xtreg vdaccount i.revny##ib(2).year if success==1 & leftist==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       374
Group variable: diffid                          Number of groups   =        34

R-sq:  within  = 0.0398                         Obs per group: min =        11
       between = 0.0287                                        avg =      11.0
       overall = 0.0140                                        max =        11

                                                F(8,8)             =         .
corr(u_i, Xb)  = 0.0331                         Prob > F           =         .

                                (Std. Err. adjusted for 9 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   vdaccount |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
          0  |  -.0008351    .003728    -0.22   0.828    -.0094319    .0077617
          1  |  -.0004808   .0023134    -0.21   0.841    -.0058155     .004854
          3  |   .0282409   .0217011     1.30   0.229    -.0218019    .0782837
          4  |    .024542   .0231576     1.06   0.320    -.0288596    .0779436
          5  |   .0210232   .0254479     0.83   0.433    -.0376599    .0797062
          6  |   .0200549   .0258035     0.78   0.459    -.0394479    .0795578
          7  |  -.0016715   .0301779    -0.06   0.957    -.0712618    .0679188
          8  |  -.0125119   .0330477    -0.38   0.715    -.0887199    .0636962
          9  |  -.0121516   .0334611    -0.36   0.726    -.0893129    .0650098
         10  |  -.0089237   .0338483    -0.26   0.799     -.086978    .0691305
             |
  revny#year |
        1  0 |   .0077229   .0037873     2.04   0.076    -.0010106    .0164564
        1  1 |   .0043815   .0038576     1.14   0.289    -.0045142    .0132772
        1  3 |   .0142917   .0346193     0.41   0.691    -.0655406    .0941241
        1  4 |  -.0111671   .0685034    -0.16   0.875    -.1691363    .1468021
        1  5 |  -.0280893   .0746833    -0.38   0.717    -.2003093    .1441308
        1  6 |  -.0346062   .0731918    -0.47   0.649    -.2033869    .1341744
        1  7 |   -.013684   .0679297    -0.20   0.845    -.1703301     .142962
        1  8 |   .0007689   .0787216     0.01   0.992    -.1807634    .1823012
        1  9 |  -.0151303   .0744715    -0.20   0.844     -.186862    .1566013
        1 10 |  -.0230002   .0764717    -0.30   0.771    -.1993441    .1533438
             |
       _cons |   .3659158   .0321196    11.39   0.000      .291848    .4399837
-------------+----------------------------------------------------------------
     sigma_u |  .12890034
     sigma_e |  .09220383
         rho |  .66152013   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1120 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        374
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |   .3650807   .0332088    10.99   0.000     .2999927    .4301688
        0  1 |   .3654351   .0322435    11.33   0.000     .3022389    .4286312
        0  2 |   .3659158   .0321196    11.39   0.000     .3029627     .428869
        0  3 |   .3941568   .0230907    17.07   0.000     .3488998    .4394137
        0  4 |   .3904579   .0279176    13.99   0.000     .3357404    .4451753
        0  5 |    .386939   .0311577    12.42   0.000     .3258711     .448007
        0  6 |   .3859708   .0312044    12.37   0.000     .3248114    .4471302
        0  7 |   .3642443   .0264163    13.79   0.000     .3124694    .4160193
        0  8 |    .353404   .0250901    14.09   0.000     .3042282    .4025797
        0  9 |   .3537643   .0244005    14.50   0.000     .3059401    .4015884
        0 10 |   .3569921   .0248273    14.38   0.000     .3083316    .4056527
        1  0 |   .3728036   .0338005    11.03   0.000     .3065558    .4390514
        1  1 |   .3698166   .0327734    11.28   0.000      .305582    .4340512
        1  2 |   .3659158   .0321196    11.39   0.000     .3029627     .428869
        1  3 |   .4084485   .0210006    19.45   0.000      .367288     .449609
        1  4 |   .3792907   .0422349     8.98   0.000     .2965118    .4620697
        1  5 |   .3588498   .0451162     7.95   0.000     .2704236     .447276
        1  6 |   .3513646    .044295     7.93   0.000      .264548    .4381811
        1  7 |   .3505603   .0450396     7.78   0.000     .2622842    .4388364
        1  8 |   .3541728   .0582862     6.08   0.000      .239934    .4684117
        1  9 |   .3386339   .0564845     6.00   0.000     .2279264    .4493414
        1 10 |   .3339919   .0590226     5.66   0.000     .2183098    .4496741
------------------------------------------------------------------------------

1121 . xtreg vdaccount i.revny##ib(2).year if success==1 & urbancivic==1 [pweight=freqwt], cluster(revid) fe
note: 1.revny omitted because of collinearity

Fixed-effects (within) regression               Number of obs      =       871
Group variable: diffid                          Number of groups   =        85

R-sq:  within  = 0.4209                         Obs per group: min =         5
       between = 0.0238                                        avg =      10.2
       overall = 0.1248                                        max =        11

                                                F(20,25)           =     14.17
corr(u_i, Xb)  = -0.1119                        Prob > F           =    0.0000
```

```
                                (Std. Err. adjusted for 26 clusters in revid)
------------------------------------------------------------------------------
             |               Robust
   vdaccount |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     1.revny |          0  (omitted)
             |
        year |
           0 |   -.010068   .0057417    -1.75   0.092    -.0218933    .0017572
           1 |  -.0021359   .0030038    -0.71   0.484    -.0083224    .0040505
           3 |   .0292651   .0142266     2.06   0.050    -.0000351    .0585653
           4 |   .0457071   .0226752     2.02   0.055    -.0009933    .0924075
           5 |    .050472   .0259717     1.94   0.063    -.0030177    .1039616
           6 |   .0639162   .0289548     2.21   0.037     .0042827    .1235498
           7 |   .0626279   .0289712     2.16   0.040     .0029606    .1222951
           8 |   .0640574   .0303482     2.11   0.045     .0015541    .1265607
           9 |   .0695231   .0312547     2.22   0.035     .0051529    .1338932
          10 |   .0946774   .0365028     2.59   0.016     .0194985    .1698564
             |
  revny#year |
        1  0 |   .0141426   .0127334     1.11   0.277    -.0120824    .0403676
        1  1 |   .0090872   .0070029     1.30   0.206    -.0053355    .0235099
        1  3 |   .0938348     .02615     3.59   0.001     .0399778    .1476917
        1  4 |   .1836524   .0323466     5.68   0.000     .1170333    .2502715
        1  5 |   .1756854   .0372372     4.72   0.000      .098994    .2523768
        1  6 |   .1681728   .0423991     3.97   0.001     .0808502    .2554954
        1  7 |   .1591556   .0444582     3.58   0.001     .0675922    .2507189
        1  8 |   .1677424   .0422363     3.97   0.001     .0807551    .2547297
        1  9 |   .1608504   .0416032     3.87   0.001     .0751669    .2465339
        1 10 |   .1401536   .0456183     3.07   0.005     .0462009    .2341063
             |
       _cons |   .4143745   .0178582    23.20   0.000     .3775948    .4511541
-------------+----------------------------------------------------------------
     sigma_u |  .14828094
     sigma_e |  .09143607
         rho |  .72450864   (fraction of variance due to u_i)
------------------------------------------------------------------------------

1122 . margins i.revny#ib(2).year, noestimcheck

Adjusted predictions                            Number of obs     =        871
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  revny#year |
        0  0 |   .4043064   .0213523    18.94   0.000     .3624566    .4461562
        0  1 |   .4122385   .0193862    21.26   0.000     .3742422    .4502348
        0  2 |   .4143745   .0178582    23.20   0.000      .379373    .4493759
        0  3 |   .4436395   .0120665    36.77   0.000     .4199896    .4672895
        0  4 |   .4600815   .0152089    30.25   0.000     .4302726    .4898905
        0  5 |   .4648464   .0170522    27.26   0.000     .4314248     .498268
        0  6 |   .4782907   .0198041    24.15   0.000     .4394754     .517106
        0  7 |   .4770023   .0195799    24.36   0.000     .4386263    .5153783
        0  8 |   .4784318   .0206347    23.19   0.000     .4379887     .518875
        0  9 |   .4838975    .021383    22.63   0.000     .4419877    .5258074
        0 10 |   .5090519    .029266    17.39   0.000     .4516917    .5664121
        1  0 |   .4184491   .0196853    21.26   0.000     .3798666    .4570315
        1  1 |   .4213257   .0189926    22.18   0.000      .384101    .4585505
        1  2 |   .4143745   .0178582    23.20   0.000      .379373    .4493759
        1  3 |   .5374743   .0206276    26.06   0.000      .497045    .5779036
        1  4 |   .6437339   .0224557    28.67   0.000     .5997216    .6877463
        1  5 |   .6405318   .0251713    25.45   0.000     .5911971    .6898666
        1  6 |   .6464634   .0280974    23.01   0.000     .5913936    .7015333
        1  7 |   .6361579   .0310243    20.51   0.000     .5753515    .6969643
        1  8 |   .6461742   .0278868    23.17   0.000     .5915171    .7008314
        1  9 |    .644748    .028064    22.97   0.000     .5897435    .6997524
        1 10 |   .6492055   .0267455    24.27   0.000     .5967853    .7016256
------------------------------------------------------------------------------

1123 .
1124 .
1125 . log close
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        log:  C:\Users\mbeissin\Desktop\Stata files for book\Logfiles\chapter9.log
  log type:  text
 closed on:  25 Jan 2022, 23:10:58
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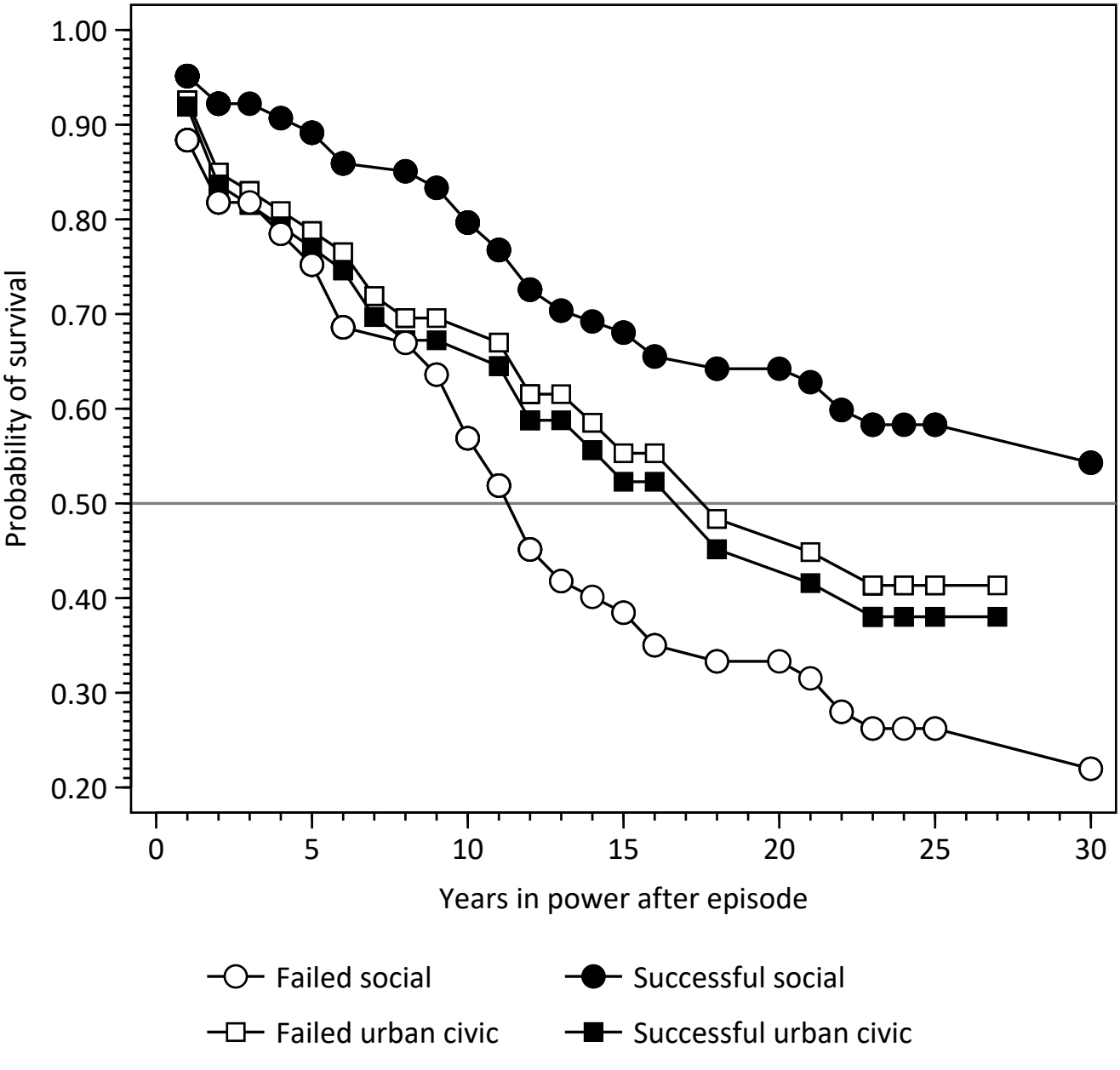
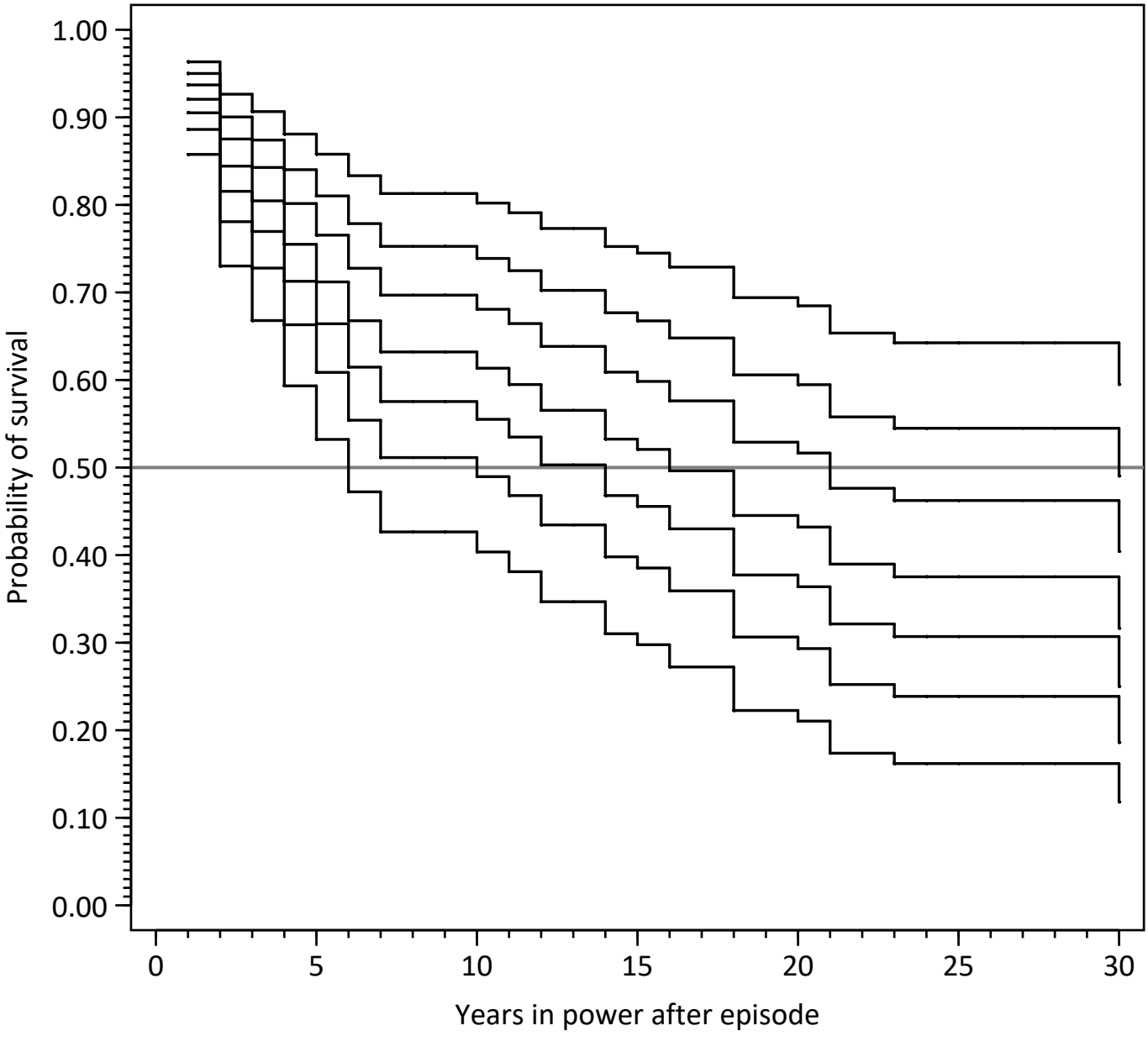

1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
Probability of survival
0
5
10
15
20
25
30
Years in power after episode
Failed social
Successful social
Failed urban civic
Successful urban civic


1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Probability of survival
0
5
10
15
20
25
30
Years in power after episode