(R)
Statistics/Data Analysis

User: Mark R. Beissinger
Project: The Revolutionary City

```
. *              revolutionaryepsmireg.dta
      name:  <unnamed>
       log:  C:\Users\mbeissin\Desktop\Stata files for book\Robustnesstestfiles\Logfiles\robustnesstestschapter4.l
> og
  log type:  text
 opened on:  26 Jan 2022, 10:28:03

. * ================================================================================
. * ROBUSTNESS CHECKS FOR STATISTICAL RESULTS APPEARING IN CHAPTER 4
. * STATA
. * Robustness checks for results reported in Chapter 4
. * Author: Mark R. Beissinger
. * Date:  January 2022
. * Princeton, NJ
. * ================================================================================
. * BEFORE RUNNING, YOU MUST SET THE DEFAULT PATH FOR WHERE THE DATA
. *   FILES RESIDE
. * ================================================================================
. * The following datafiles are used in this file:
. *   Dataset of revolutionary episodes--revolutionaryeps.dta
. *   Multiple imputation dataset for revolutionary episodes (regime variables)--
. *              revolutionaryepsmireg.dta
. *       Multiple imputation dataset for revolutionary episodes (opposition variables)--
. *              revolutionaryepsmiopp.dta
. *       Multiple imputation dataset for revolutionary episodes (combined model)--
. *              revolutionaryepsmicomb.dta
. * ================================================================================
. * Before running, you must download the following packages for STATA:
. *       checkrob from http://fmwww.bc.edu/RePEc/bocode/c
. *       collin from https://stats.oarc.ucla.edu/stata/ado/analysis/
. *       eststo and esttab from http://www.stata-journal.com/software/sj7-2
. * ================================================================================
. * The following output is produced by these robustness tests:
. *              Robustnesstestfiles\Logfiles\robustnesstestschapter4.log
. *
. *       The following graphs are produced by these robustness tests:
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat1.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat2.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4 1 scat3.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat4.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat5.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat6.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat7.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat8.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_1_scat9.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat1.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat2.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4 2 scat3.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat4.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat5.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat6.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat7.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat8.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_2_scat9.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat1.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3 scat2.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat3.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat4.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat5.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat6.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat7.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat8.pdf
. *              Robustnesstestfiles\Logfiles\robch4tab4_3_scat9.pdf
. *
. *       These files have been combined with the logfile for the chapter into a
. *              single output file, located in the Robustnesstestfiles\Outputfiles
. *              folder
. *       In addition, the reworked output from the checkrob procedure run in this
. *          chapter can be viewed in the Excel file checkrob.results.chapter4.xlsx,
. *              also located in the Robustnesstestfiles\Outputfiles folder
. * ================================================================================
.
. clear

. use revolutionaryeps.dta

. quietly: logit success c.newpolitymin1##c.newpolitymin1 newincumbpowerdur newgdppcthl newlnoill i.civilwar##c.ne
> wmilexpsold10tile if startyear>1899 & colony==0, or nolog

. generate sample=e(sample)

.
. * ============================================================
. * ROBUSTNESS TESTS FOR MODELS 6 & 9 IN TABLE 4.1--REGIME MODEL
. * ============================================================
.
. * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
. * Testing robustness of the specification to inclusion or exclusion of variables
. * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

```
 79 . * ************
 80 . * PLEASE READ
 81 . * ************
 82 . * The checkrob procedure checks all possible combinations of variables and tests
 83 . *   if signs are stable and whether z-statistics for Beta/S.E. of Beta are >1.96
 84 . *               (i.e., .05 level of significance) or >1.65 and <1.96 (i.e., .10 level of
 85 . *               significance).
 86 . * All z-statistics were calculated in Excel from the comma-separated tables
 87 . *               produced from the output of checkrob.
 88 . * BEWARE: There is a glitch in the checkrob procedure involving quadratic
 89 . *               specifications. In the tables produced by the procedure, the results for
 90 . *               the first variable of a quadratic specification sometimes falsely
 91 . *       include results from the squared variable. ONE MUST VISUALLY INSPECT
 92 . *               AND, IF PRESENT, HAND-CORRECT.
 93 . * I HAVE PROVIDED AN EXCEL TABLE WITH RESULTS OF THE TEST BELOW THAT CORRECTS
 94 . *       FOR THE ABOVE PROBLEM AND CALCULATES THE Z-SCORES (See the Excel file
 95 . *       checkrob.results.chapter4.xlsx, which contains all results of all checkrob
 96 . *       tests in this chapter).
 97 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 98 . * THE FOLLOWING COMMANDS WERE USED TO CREATE THE EXCEL TABLE.
 99 . * DO NOT RUN THESE COMMANDS UNLESS YOU INTEND TO RECONFIGURE THE OUTPUT
100 . *       TO CORRECT FOR THE ABOVE GLITCH AND TO CALCULATE THE Z-SCORES BY HAND.
101 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
102 . * Recreate common sample for complete-case sample (Model 9)
103 . *   quietly:  logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newincumbage newgdppcthl newlnoill n
    > ewmilexpsold10tile civilwar newcivxmilexp if startyear>1899, or
104 . *   generate sample=e(sample)
105 . * Run checkrob command
106 . *   checkrob 2 6 ch4tab1mod9.txt:  logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl new
    > lnoill newmilexpsold10tile civilwar newcivxmilexp if startyear>1899 & sample==1, or
107 . * RESULTS:
108 . *       Given that the variables for newpolitymin1 and newpolitymin1sq must be together, there are 32 possible c
    > ombinations
109 . *               (Do note, however, that civilwar, newilexpsold10tile, and newcivxmilexp form an interaction)
110 . *       --newpolitymin1 and newpolitymin1sq are significant at .05 level or better in 100% of specifications, wi
    > th no sign changes
111 . *   --newincumbpowerdur is significant at .05 level in 100% of specifications, with no sign changes
112 . *       --newgdppcthl is significant at the .05 level in 37.5%, significant at the .10 level in 6.3%, and insign
    > ificant in 56.3% of specifications;
113 . *               sign changes:  positive in 53.1% (almost all of which are statistically insignificant, with two
    > significant at the .10 level) and
114 . *               negative in 46.9% (and in most cases, statistically significant at the .05 level)
115 . *               newgdppcthl appears interact with some of the other variables in the specification--particularly
    >  newlnoill and newmilexpsold10tile
116 . *       --newlnoill is significant at the .05 level in 93.8% of specifications and at the .10 level in 6.3% of s
    > pecifications, with no sign changes (consistently negative)
117 . *       --when not in interaction, newmilexpsold10tile is always significant at the .05 level and positive, no s
    > ign changes
118 . *       --when not in interaction, civilwar is always statistically significant and negative;
119 . *       --in the interaction civilwar x newmilexpsold10tile (8 specifications in which they appear together--all
    >  others are ignored):
120 . *               newmilexpsold10tile is always significant at the .05 level and positive , no sign changes
121 . *               civilwar in the interaction is never statistically significant, but consistently negative
122 . *               newcivxmilexp is consistently negative and statistically significant at the .10 level for half o
    > f the specifications of interactions and insignficant in 50 percent
123 .
124 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
125 . * Bootstrapped standard errors--1000 replications--complete-case sample
126 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
127 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
    >  newcivxmilexp if startyear>1899 & sample==1, or nolog vce(bootstrap, bca seed(1234) rep(1000))
    (running logit on estimation sample)

    Jackknife replications (234)
    ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
    .................................................    50
    .................................................   100
    .................................................   150
    .................................................   200
    ..............................

    Bootstrap replications (1000)
    ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
    .................................................    50
    .................................................   100
    .................................................   150
    .................................................   200
    .................................................   250
    .................................................   300
    .................................................   350
    .................................................   400
    .................................................   450
    .................................................   500
    .................................................   550
    .................................................   600
    .................................................   650
    .................................................   700
    .................................................   750
    .................................................   800
    .................................................   850
    .................................................   900
    .................................................   950
    ................................................. 1000

    Logistic regression                             Number of obs     =        234
                                                    Replications      =      1,000
                                                    Wald chi2(8)      =      37.90
                                                    Prob > chi2       =     0.0000
    Log likelihood =  -118.0399                     Pseudo R2         =     0.2381
```

success	Observed Odds Ratio	Bootstrap Std. Err.	z	P>|z|	Normal-based [95% Conf.	Interval]
newpolitymin1	.9043827	.0335689	-2.71	0.007	.8409251	.972629
newpolitymin1sq	.973352	.0074318	-3.54	0.000	.9588944	.9880275
newincumbpowerdur	1.063515	.0236503	2.77	0.006	1.018157	1.110894
newgdppcthl	.8621668	.075793	-1.69	0.092	.7257085	1.024284
newlnoill	.8692383	.0358624	-3.40	0.001	.8017161	.9424473
newmilexpsold10tile	1.49645	.148471	4.06	0.000	1.231998	1.817668
civilwar	1.028174	.8807224	0.03	0.974	.1918389	5.510569
newcivxmilexp	.8080672	.1188463	-1.45	0.147	.6056995	1.078047
cons	.3343246	.1700795	-2.15	0.031	.1233503	.9061424

```
128 . estat bootstrap, all

Logistic regression                             Number of obs     =        234
                                                Replications      =       1000
```

success	Observed Coef.	Bias	Bootstrap Std. Err.	[95% Conf.	Interval]	
newpolitym~1	-.10050265	-.0055531	.03711806	-.1732527	-.0277526	(N)
				-.1803383	-.0388121	(P)
				-.1748927	-.0358668	(BC)
				-.1695114	-.0333782	(BCa)
newpolitym~q	-.0270095	-.0017366	.00763524	-.0419743	-.0120447	(N)
				-.0445673	-.0146911	(P)
				-.040657	-.0126279	(BC)
				-.0404018	-.0115693	(BCa)
newincumbp~r	.06157981	.0036249	.02223784	.0179945	.1051652	(N)
				.0236071	.1078471	(P)
				.0186888	.1025739	(BC)
				.0181834	.1002967	(BCa)
newgdppcthl	-.14830658	-.0075479	.08790994	-.3206069	.0239937	(N)
				-.3363244	.0090078	(P)
				-.3266475	.0229503	(BC)
				-.3251484	.0256677	(BCa)
newlnoill	-.14013799	-.0073188	.04125726	-.2210007	-.0592752	(N)
				-.2285454	-.0638661	(P)
				-.2121324	-.0529835	(BC)
				-.2110479	-.0465257	(BCa)
newmilexps~e	.40309578	.0199817	.09921544	.2086371	.5975545	(N)
				.2427562	.6317849	(P)
				.2138415	.5856377	(BC)
				.2106218	.581956	(BCa)
civilwar	.02778416	-.0481642	.85658906	-1.6511	1.706668	(N)
				-1.781158	1.663033	(P)
				-1.783952	1.641183	(BC)
				-1.773534	1.701518	(BCa)
newcivxmil~p	-.21311002	-.0087621	.14707481	-.5013713	.0751513	(N)
				-.5311711	.0661687	(P)
				-.5210981	.0774775	(BC)
				-.5154096	.0832355	(BCa)
_cons	-1.0956428	-.0316665	.50872568	-2.092727	-.0985588	(N)
				-2.195235	-.1481386	(P)
				-2.131612	-.0902695	(BC)
				-2.082471	-.0598782	(BCa)

```
(N)    normal confidence interval
(P)    percentile confidence interval
(BC)   bias-corrected confidence interval
(BCa)  bias-corrected and accelerated confidence interval

129 . *  Result:  no changes in signs or patterns of significance except that
130 . *                        interaction variable newcivxmilexp turns insignificant
131 .
132 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
133 . * Bootstrapping multiple imputation estimation--regime model
134 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
135 . * using 10 imputations, 100 bootstraps (20 imputations takes a very long time)
136 . * WARNING: THIS TEST CAN TAKE 40 MINUTES TO COMPLETE
137 . use revolutionaryeps.dta, clear

138 . drop if colony==1
    (57 observations deleted)

139 . program define myboot, rclass
      1.    mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3))
    > newlnoill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmile
    > xp = success civilwar, add(10) rseed(1234) force
      2.    mi estimate, eform: logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill ne
    > wmilexpsold10tile civilwar newcivxmilexp, or
      3.    return scalar b_npo1 = el(e(b_mi),1,1)
      4.    return scalar b_npsq = el(e(b_mi),1,2)
      5.    return scalar b_newi = el(e(b_mi),1,3)
      6.    return scalar b_newg = el(e(b_mi),1,4)
      7.    return scalar b_newo = el(e(b_mi),1,5)
      8.    return scalar b_newm = el(e(b_mi),1,6)
      9.    return scalar b_civw = el(e(b_mi),1,7)
     10.    return scalar b_cixm = el(e(b_mi),1,8)
     11.    return scalar b_int  = el(e(b_mi),1,9)
     12. end
```

```
140 . mi set wide

141 . mi xtset, clear

142 . mi stset, clear

143 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newincumbage newgdppcthl newlnoill newmilexp
    > sold10tile newcivxmilexp

144 . set seed 1234

145 . bootstrap b_newpolitymin1=r(b_npo1) b_newpolitymin1sq=r(b_npsq) b_newincumbpowerdur=r(b_newi) b_newgdppcthl=r(b_
    > newg) b_newlnoill=r(b_newo) b_newmilexpsold10tile=r(b_newm) b_civilwar=r(b_civw) b_newcivxmilexp=r(b_cixm) inter
    > cept=r(b_int), reps(100) eform : myboot
    (running myboot on estimation sample)

    Warning:  Because myboot is not an estimation command or does not set e(sample), bootstrap has no way to
              determine which observations are used in calculating the statistics and so assumes that all
              observations are used.  This means that no observations will be excluded from the resampling because
              of missing values or other reasons.

              If the assumption is not true, press Break, save the data, and drop the observations that are to be
              excluded.  Be sure that the dataset in memory contains only the relevant data.

    Bootstrap replications (100)
    ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
    .............................x.....x.............    50
    .................x.............................   100

    Bootstrap results                                 Number of obs     =        288
                                                      Replications      =         97

          command:  myboot
    b_newpolity~1:  r(b_npo1)
    b_newpolity~q:  r(b_npsq)
    b_newincumb~r:  r(b_newi)
    b_newgdppcthl:  r(b_newg)
      b_newlnoill:  r(b_newo)
    b_newmilexp~e:  r(b_newm)
       b_civilwar:  r(b_civw)
    b_newcivxmi~p:  r(b_cixm)
        intercept:  r(b_int)

    ------------------------------------------------------------------------------
                         |   Observed   Bootstrap                         Normal-based
                         |      exp(b)   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ---------------------+--------------------------------------------------------------------
          b_newpolitymin1 |    .894514   .0258257    -3.86   0.000     .8453019     .946591
        b_newpolitymin1sq |   .9783654   .0050112    -4.27   0.000     .9685927    .9882367
      b_newincumbpowerdur |    1.04542   .0185151     2.51   0.012     1.009754    1.082346
            b_newgdppcthl |   .8444699   .0675494    -2.11   0.035     .7219321    .9878068
              b_newlnoill |   .8864187   .0322342    -3.32   0.001     .8254397    .9519025
    b_newmilexpsold10tile |   1.466117   .1092767     5.13   0.000     1.266848     1.69673
               b_civilwar |   .8082104   .5765214    -0.30   0.765     .1996807    3.271243
          b_newcivxmilexp |   .8262901    .095333    -1.65   0.098     .6590607    1.035952
                intercept |   .3618189   .1491368    -2.47   0.014     .1613012    .8116053
    ------------------------------------------------------------------------------
    Note: One or more parameters could not be estimated in 3 bootstrap replicates;
          standard-error estimates include only complete replications.

146 . * Displaying exponentiated form
147 . bootstrap, eform

    Bootstrap results                                 Number of obs     =        288
                                                      Replications      =         97

          command:  myboot
    b_newpolity~1:  r(b_npo1)
    b_newpolity~q:  r(b_npsq)
    b_newincumb~r:  r(b_newi)
    b_newgdppcthl:  r(b_newg)
      b_newlnoill:  r(b_newo)
    b_newmilexp~e:  r(b_newm)
       b_civilwar:  r(b_civw)
    b_newcivxmi~p:  r(b_cixm)
        intercept:  r(b_int)

    ------------------------------------------------------------------------------
                         |   Observed   Bootstrap                         Normal-based
                         |      exp(b)   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ---------------------+--------------------------------------------------------------------
          b_newpolitymin1 |    .894514   .0258257    -3.86   0.000     .8453019     .946591
        b_newpolitymin1sq |   .9783654   .0050112    -4.27   0.000     .9685927    .9882367
      b_newincumbpowerdur |    1.04542   .0185151     2.51   0.012     1.009754    1.082346
            b_newgdppcthl |   .8444699   .0675494    -2.11   0.035     .7219321    .9878068
              b_newlnoill |   .8864187   .0322342    -3.32   0.001     .8254397    .9519025
    b_newmilexpsold10tile |   1.466117   .1092767     5.13   0.000     1.266848     1.69673
               b_civilwar |   .8082104   .5765214    -0.30   0.765     .1996807    3.271243
          b_newcivxmilexp |   .8262901    .095333    -1.65   0.098     .6590607    1.035952
                intercept |   .3618189   .1491368    -2.47   0.014     .1613012    .8116053
    ------------------------------------------------------------------------------
    Note: One or more parameters could not be estimated in 3 bootstrap replicates;
          standard-error estimates include only complete replications.
```

```
148 . clear programs

149 . *  Result:  no changes in signs or patterns of significance
150 .
151 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++
152 . * Testing for multicollinearity in complete case sample
153 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++
154 . use revolutionaryeps.dta, clear

155 . quietly: logit success c.newpolitymin1##c.newpolitymin1 newincumbpowerdur newgdppcthl newlnoill i.civilwar##c.ne
    > wmilexpsold10tile if startyear>1899 & colony==0, or nolog

156 . generate sample=e(sample)

157 . collin newpolitymin1  newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar newci
    > vxmilexp if startyear>1899 & sample==1
    (obs=234)

      Collinearity Diagnostics

                           SQRT                  R-
      Variable      VIF     VIF    Tolerance    Squared
    ----------------------------------------------------
    newpolitymin1      1.15    1.07    0.8662      0.1338
    newpolitymin1sq      1.08    1.04    0.9237      0.0763
    newincumbpowerdur      1.17    1.08    0.8538      0.1462
    newgdppcthl      1.89    1.38    0.5279      0.4721
     newlnoill      1.16    1.08    0.8632      0.1368
    newmilexpsold10tile      2.46    1.57    0.4065      0.5935
      civilwar      5.39    2.32    0.1854      0.8146
    newcivxmilexp      6.00    2.45    0.1667      0.8333
    ----------------------------------------------------
      Mean VIF      2.54

                             Cond
            Eigenval         Index
    ---------------------------------
        1     5.3024          1.0000
        2     1.2556          2.0550
        3     0.9698          2.3382
        4     0.4717          3.3527
        5     0.4124          3.5856
        6     0.3011          4.1964
        7     0.1341          6.2889
        8     0.1180          6.7024
        9     0.0348         12.3419
    ---------------------------------
     Condition Number        12.3419
     Eigenvalues & Cond Index computed from scaled raw sscp (w/ intercept)
     Det(correlation matrix)    0.0676

158 . *       RESULT:  VIF all within acceptable range (VIF>5 is cause of concern, VIF>10 indicates significant proble
    > m)
159 .
160 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
161 . * Visual inspection of potential outliers, complete case model
162 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
163 . quietly: logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile
    >  civilwar newcivxmilexp if startyear>1899 & sample==1, or nolog

164 . predict pr , pr
    (61 missing values generated)

165 . predict stdres, rstand
    (111 missing values generated)

166 . predict dev, dev
    (111 missing values generated)

167 . predict hat, hat
    (111 missing values generated)

168 . predict dx2, dx2
    (111 missing values generated)

169 . predict dd, dd
    (111 missing values generated)

170 . * Standardized Pearson residuals by predicted probability
171 . scatter stdres pr, mlab(revid)  yline(0)

172 . graph export Robustnesstestfiles\Logfiles\robch4tab4_1_scat1.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat1.pdf written in PDF format)

173 . *       RESULT: Identified revid 269 (1990 Mongolian Revolution) as potential outlier
174 . *               Identified revid 47 (Spanish Civil War) as potential outlier
175 . *               Identified revid 243 (First Chechen War)
176 . *               Identified revid 399 (Burkinabe Uprising 2014)
177 . * Standardized Pearson residuals by revid
```

```
178 . scatter stdres revid, mlab(revi)  yline(0)

179 . graph export Robustnesstestfiles\Logfiles\robch4tab4_1_scat2.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat2.pdf written in PDF format)

180 . *       RESULT: Identified revid 269 (1990 Mongolian Revolution) as potential outlier
181 . *               Identified revid 47 (Spanish Civil War) as potential outlier
182 . *               Identified revid 243 (First Chechen War)
183 . * Deviance residual by revid
184 . scatter dev revid, mlab(revid)  yline(0)

185 . graph export Robustnesstestfiles\Logfiles\robch4tab4_1_scat3.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat3.pdf written in PDF format)

186 . *       RESULT: Identified revid 269 (1990 Mongolian Revolution) as potential outlier
187 . *               Identified revid 47 (Spanish Civil War) as potential outlier
188 . *               Identified revid 243 (First Chechen War)
189 . * Leverage by predicted probability
190 . scatter hat pr, mlab(revid)  yline(0)

191 . graph export Robustnesstestfiles\Logfiles\robch4tab4 1 scat4.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat4.pdf written in PDF format)

192 . *       RESULT: Identified revid 111 (First Intifada)
193 . *               Identified revid 399 (Burkinabe Uprising 2014)
194 . *               Identified revid 135 (Second Intifada)
195 . *               Identified revid 338 (2006 Hungarian Protests)
196 . *               Identified revid 399 (Burkinabe Uprising 2014)
197 . * Leverage by revid (with cutoff point of 3 * the mean of leverage)--easier to see
198 . mean hat

    Mean estimation                   Number of obs   =        234

    ------------------------------------------------------------------
                 |       Mean   Std. Err.     [95% Conf. Interval]
    -------------+----------------------------------------------------
             hat |   .0386131   .0013671      .0359197    .0413064
    ------------------------------------------------------------------

199 . matrix coefs = e(b)

200 . local hatmean = 3 * (coefs[1,1])

201 . scatter hat revid, mlab(revid) yline(0) yline(`hatmean')

202 . graph export Robustnesstestfiles\Logfiles\robch4tab4 1 scat5.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat5.pdf written in PDF format)

203 . *       RESULT: Identified revid 111 (First Intifada)
204 . *               Identified revid 117 (East German Revolution)
205 . *               Identified revid 152 (Armenian colored revolution attempt)
206 . * Difference of chi-squares
207 . scatter dx2 revid, mlab(revid)

208 . graph export Robustnesstestfiles\Logfiles\robch4tab4 1 scat6.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat6.pdf written in PDF format)

209 . *       RESULT: Identified revid 243 (First Chechen War)
210 . *               Identified revid 47 (Spanish Civil War) as potential outlier
211 . * Difference of deviances
212 . scatter dd revid, mlab(revid)

213 . graph export Robustnesstestfiles\Logfiles\robch4tab4 1 scat7.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat7.pdf written in PDF format)

214 . *       RESULT: Identified revid 243 (First Chechen War)
215 . *               Identified revid 47 (Spanish Civil War) out potential outlier
216 . * Drop predictions
217 . drop pr stdres dev hat dx2 dd

218 .
219 . * Testing the effect of dropping potential outliers on results in Model 9
220 . eststo: quietly: logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpso
    > ld10tile civilwar newcivxmilexp if startyear>1899 & sample==1 & revid!=269 & revid!=47 & revid!=243 & revid!=399
    >  & revid!=111 & revid!=135 & revid!=338 & revid!=117 & revid!=152, or nolog
    (est2 stored)

221 . esttab , star (+ 0.10 * 0.05 ** 0.01 *** 0.001) mtitles(All_n No_outl)

    --------------------------------------------
                          (1)             (2)
                        All_n         No_outl
    --------------------------------------------
    success
    newpolitym~1       -0.101**        -0.102**
                      (-2.91)         (-2.62)

    newpolitym~q      -0.0270***      -0.0269***
                      (-3.81)         (-3.44)

    newincumbp~r       0.0616**        0.0622**
                       (3.09)          (3.03)

    newgdppcthl        -0.148+         -0.207*
                      (-1.81)         (-2.17)
```

```
    newlnoill          -0.140***       -0.171***
                      (-3.56)         (-3.90)

    newmilexps~e        0.403***        0.485***
                       (4.29)          (4.70)

    civilwar           0.0278           0.101
                       (0.04)          (0.13)

    newcivxmil~p       -0.213+         -0.293*
                      (-1.69)         (-2.15)

     cons              -1.096*         -1.155*
                      (-2.20)         (-2.24)
    ------------------------------------------------
    N                    234             225
    ------------------------------------------------
    t statistics in parentheses
    + p<0.10, * p<0.05, ** p<0.01, *** p<0.001

223 . *       RESULT:  No change in signs and patterns of significance, but newgdppcthl and
224 . *              the newcivxmilexp interaction becomes significant at the .05 level
225 . eststo clear

226 .
227 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
228 . * Visual inspection of potential outliers, multiple imputation model
229 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
230 . use revolutionaryepsmireg.dta, clear

231 . quietly: mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newinc
    > umbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp if startyear>1899

232 . mi predict xb using miest , xb
    (57 missing values generated)

233 . mi predict stdp using miest, stdp
    (57 missing values generated)

234 . scatter  stdp xb, mlab(revid)  yline(0)

235 . graph export Robustnesstestfiles\Logfiles\robch4tab4_1_scat8.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat8.pdf written in PDF format)

236 . *       RESULT: Identified revid 243 (First Chechen War)
237 . *                       Identified revid 290 (First Sudanese Civil War) as potential outlier
238 . *                       Identified revid 331 (Congo Crisis) as potential outlier
239 . *                       Identified revid 301 (2007 Guinean General Strike) as potential outlier
240 . *                       Identified revid 259 (228 Uprising) as potential outlier
241 . *                       Identified revid 298 (Black Friday in Maldives) as potential outlier
242 . scatter  stdp revid, mlab(revid)  yline(0)

243 . graph export Robustnesstestfiles\Logfiles\robch4tab4_1_scat9.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_1_scat9.pdf written in PDF format)

244 . *                       Identified revid 383 (Christmas Uprising) as potential outlier
245 . * Drop predictions
246 . drop xb stdp

247 . * Testing the effect of dropping potential outliers on results in Model 6
248 . eststo: quietly: mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1s
    > q newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp if startyear>1899, or
    (est1 stored)

249 . eststo: quietly: mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1s
    > q newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp if startyear>1899 & revid~=
    > 290 & revid~=331 & revid~=301 & revid~=259 & revid~=298 & revid~=383, or
    (est2 stored)

250 . esttab , star (+ 0.10 * 0.05 ** 0.01 *** 0.001) mtitles(All_n No_outl)

    ------------------------------------------------
                          (1)             (2)
                        All_n         No_outl
    ------------------------------------------------
    success
    newpolitym~1       -0.110***       -0.110***
                      (-3.48)         (-3.43)

    newpolitym~q      -0.0218***      -0.0234***
                      (-3.41)         (-3.71)

    newincumbp~r       0.0445*         0.0541**
                       (2.55)          (2.99)

    newgdppcthl        -0.162*         -0.169*
                      (-2.07)         (-2.17)

    newlnoill          -0.120***       -0.133***
                      (-3.32)         (-3.62)

    newmilexps~e        0.384***        0.388***
                       (4.15)          (4.33)

    civilwar           0.0311         -0.0164
                       (0.04)         (-0.02)

    newcivxmil~p       -0.226+         -0.231+
                      (-1.85)         (-1.88)
```

```
    _cons              -1.049*         -0.937*
                      (-2.26)         (-2.02)
    ------------------------------------------------
    N                     288             282
    ------------------------------------------------
    t statistics in parentheses
    + p<0.10, * p<0.05, ** p<0.01, *** p<0.001

251 . *       RESULT:  No changes in signs and patterns of significance
252 . eststo clear

253 .
254 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
255 . * Linktest for omitted variable bias--complete case sample
256 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
257 . use revolutionaryeps.dta, clear

258 . quietly: logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile
    >  civilwar newcivxmilexp if startyear > 1899 & colony==0, or nolog

259 . linktest , nolog

    Logistic regression                             Number of obs     =        234
                                                    LR chi2(2)        =      74.23
                                                    Prob > chi2       =     0.0000
    Log likelihood = -117.81797                     Pseudo R2         =     0.2396

    ------------------------------------------------------------------------------
         success |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
            _hat |   1.064914   .1800909     5.91   0.000     .7119419    1.417885
          _hatsq |   .0578994   .0844479     0.69   0.493    -.1076155    .2234142
           _cons |  -.0540126   .1855351    -0.29   0.771    -.4176546    .3096295
    ------------------------------------------------------------------------------

260 . *       RESULT:  passes, _hatsq is not statistically significant
261 .
262 .
263 . * ++++++++++++++++++++++++++++++++++++++++++++
264 . * ROBUSTNESS TESTS FOR MODEL 7 IN TABLE 4.2
265 . * ++++++++++++++++++++++++++++++++++++++++++++
266 .
267 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
268 . * Checkrob procedure testing effect of dropping variables from specification
269 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
270 . * checkrob procedure checks all possible combinations of variables
271 . * Testing if signs are stable and z-statistics for Beta/S.E. of Beta are >1.96 (i.e., .05 level of significance)
272 . *   z-statistics were calculated in Excel (as comma-separated tables) from the output produced by checkrob
273 . *      .10 level of significance>1.65 and <1.96
274 . * BEWARE: there is sometimes a glitch in the checkrob procedure
275 . *    In the tables produced, the results for the first variable of a quadratic specification sometimes falsely
276 . *       include some results from the squared variable
277 . *    ONE MUST VISUALLY INSPECT AND, IF PRESENT, HAND-CORRECT AND RECALCULATE RESULTS FOR THOSE VARIABLES
278 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
279 . * I HAVE PROVIDED AN EXCEL TABLE WITH RESULTS OF THE TEST BELOW, CORRECTED FOR THE ABOVE PROBLEMS
280 . *       SEE FILE checkrob.results.chapter4.xlsx
281 . * THE FOLLOWING COMMANDS WERE USED TO CREATE THE TABLE
282 . *       (DO NOT RUN UNLESS YOU INTEND TO RECONFIGURE THE OUTPUT BY HAND)
283 . * Recreate common sample for complete-case sample (Model 9)
284 . *   quietly:  logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newincumbage newgdppcthl newlnoill n
    > ewmilexpsold10tile civilwar newcivxmilexp if startyear>1899, or
285 . *   generate sample=e(sample)
286 . * clear
287 . * use revolutionaryepsmiopp.dta
288 . * checkrob procedure using Model 6
289 . * Run checkrob
290 . * checkrob 0 6 ch4tab2mod7.txt: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimona
    > rch if startyear>1899, or
291 . * RESULTS
292 . * * RESULTS:
293 . *       Given that urbandum, deathtile10, and urbxdeathtile10 are in an interaction, the urbxdeathtile10 variabl
    > e cannot appear alone
294 . *               --lnparticnum is significant at the .05 level or better, with no sign changes, for all specifica
    > tion
295 . *               --urbandum generally is statistically significant at the .05 level when it is in interaction wit
    > h deathtile10, with no sign changes,
296 . *                               but does not hold up on its own
297 . *               --deathtile10 is generally statistically significant at the .05 level when it is in interaction
    > with urbandum, with no sign changes,
298 . *                               but does not hold up on its own
299 . *               --the interaction term urbxdeathtile10 is always significant when the other terms in the interac
    > tion are included
300 . *       democrat is significant in all specifications, with no sign changes
301 . *       antimonarch is generally significant when democrat is included, with no sign changes (but is not signifi
    > cant on its own)
302 .
303 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
304 . * Bootstrapped standard errors--complete case sample--opposition model
305 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

```
306 . use revolutionaryepsmiopp.dta, clear

307 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch if startyear>1899, or nolog
    > vce(bootstrap, bca seed(1234) rep(1000)) iterate(15)
    (running logit on estimation sample)

    Jackknife replications (304)
    ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
    ..................................................    50
    ..................................................   100
    ..................................................   150
    ..................................................   200
    ..................................................   250
    ..................................................   300
    ....

    Bootstrap replications (1000)
    ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
    ..................................................    50
    ..................................................   100
    ..................................................   150
    ..................................................   200
    ..................................................   250
    ..................................................   300
    ..................................................   350
    ..................................................   400
    ..................................................   450
    ..................................................   500
    ..................................................   550
    ..................................................   600
    ..................................................   650
    ..................................................   700
    ..................................................   750
    ..................................................   800
    ..................................................   850
    ..................................................   900
    ..................................................   950
    ..................................................  1000

    Logistic regression                               Number of obs     =        304
                                                      Replications      =      1,000
                                                      Wald chi2(6)      =      37.32
                                                      Prob > chi2       =     0.0000
    Log likelihood =  -171.5114                       Pseudo R2         =     0.1404

    ------------------------------------------------------------------------------
                 |   Observed   Bootstrap                         Normal-based
         success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
     lnparticnum |   1.334822   .1288792     2.99   0.003     1.104685    1.612902
       urbandum |     11.495   13.44991     2.09   0.037     1.160239    113.8861
    deathtile10 |   1.281575   .1607749     1.98   0.048     1.002213    1.638809
    urbxdeathtile10 |   .6390092   .0976701    -2.93   0.003     .4735919    .8622038
       democrat |   2.510177   1.007744     2.29   0.022     1.142821    5.513541
     antimonarch |   2.200863    1.05423     1.65   0.100      .860719    5.627621
           _cons |   .0031396   .0039361    -4.60   0.000      .000269    .0366462
    ------------------------------------------------------------------------------

308 . estat bootstrap, all

    Logistic regression                               Number of obs     =        304
                                                      Replications      =       1000

    ------------------------------------------------------------------------------
                 |    Observed               Bootstrap
         success |       Coef.       Bias    Std. Err.  [95% Conf. Interval]
    -------------+----------------------------------------------------------------
     lnparticnum |   .28879759   .0072737   .09655161    .0995599   .4780353   (N)
                 |                                      .1078641   .4852535   (P)
                 |                                      .1068131   .4833549  (BC)
                 |                                      .1019519   .4788014 (BCa)
        urbandum |   2.4419126   .1184781   1.1700657     .148626   4.735199   (N)
                 |                                      .3987371    4.98353   (P)
                 |                                      .2065202   4.648817  (BC)
                 |                                       .087973   4.514083 (BCa)
     deathtile10 |   .24809009   .0127273   .12545102    .0022106   .4939696   (N)
                 |                                      .0267034    .529164   (P)
                 |                                      .0076924   .5062148  (BC)
                 |                                     -.0057338   .4927977 (BCa)
    urbxdeath~10 |  -.44783644  -.0235264   .15284609   -.7474093  -.1482636   (N)
                 |                                      -.767286  -.1717971   (P)
                 |                                      -.740145  -.1406444  (BC)
                 |                                     -.7265702  -.1324795 (BCa)
        democrat |   .92035335   .0238037   .40146332    .1334997   1.707207   (N)
                 |                                      .1928988   1.762951   (P)
                 |                                      .1500418   1.733472  (BC)
                 |                                      .1500418   1.733472 (BCa)
     antimonarch |   .78884975   .0388115   .47900727   -.1499872   1.727687   (N)
                 |                                     -.0789865   1.723621   (P)
                 |                                     -.1873607     1.6656  (BC)
                 |                                     -.2054057   1.637646 (BCa)
           _cons |  -5.7636555  -.1867903   1.2537017   -8.220866  -3.306445   (N)
                 |                                     -8.758467  -3.610584   (P)
                 |                                     -8.391581  -3.463489  (BC)
                 |                                     -8.312248  -3.378974 (BCa)
    ------------------------------------------------------------------------------
    (N)    normal confidence interval
    (P)    percentile confidence interval
    (BC)   bias-corrected confidence interval
    (BCa)  bias-corrected and accelerated confidence interval
```

```
309 . *  Result:  all variables significant at the .05 level or better, with exception of antimonarch, which is signif
    > icant at the .10 level.
310 .
311 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
312 . * Bootstrapping multiple imputation estimation--opposition model
313 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
314 . * using 10 imputations, 200 bootstraps (20 imputations takes a very long time)
315 . use revolutionaryeps.dta

316 . drop if startyear<1900
    (2 observations deleted)

317 . program define myboot, rclass
      1.    mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathti
    > le10 = success urbandum democrat antimonarch, add(10) rseed(1234) force
      2.    mi estimate, eform: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch, o
    > r
      3.    return scalar b_lnp = el(e(b_mi),1,1)
      4.    return scalar b_urb = el(e(b_mi),1,2)
      5.    return scalar b_d10 = el(e(b_mi),1,3)
      6.    return scalar b_uxd = el(e(b_mi),1,4)
      7.    return scalar b_dem = el(e(b_mi),1,5)
      8.    return scalar b_mon = el(e(b_mi),1,6)
      9.    return scalar b_int  = el(e(b_mi),1,7)
     10. end

318 . mi set wide

319 . mi xtset, clear

320 . mi stset, clear

321 . mi register imputed lnparticnum deathtile10 urbxdeathtile10

322 . set seed 1234

323 . bootstrap b_lnparticnum=r(b_lnp) b_urbandum=r(b_urb) b_deathtile10=r(b_d10) b_urbxdeathtile10=r(b_uxd) b_democra
    > t=r(b_dem) b_antimonarch=r(b_mon) intercept=r(b_int), reps(100): myboot
    (running myboot on estimation sample)

    Warning:  Because myboot is not an estimation command or does not set e(sample), bootstrap has no way to
              determine which observations are used in calculating the statistics and so assumes that all
              observations are used.  This means that no observations will be excluded from the resampling because
              of missing values or other reasons.

              If the assumption is not true, press Break, save the data, and drop the observations that are to be
              excluded.  Be sure that the dataset in memory contains only the relevant data.

    Bootstrap replications (100)
    ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
    .................................................    50
    .................................................   100

    Bootstrap results                                 Number of obs     =        343
                                                      Replications      =        100

          command:  myboot
    b_lnparticnum:  r(b_lnp)
       b_urbandum:  r(b_urb)
    b_deathtile10:  r(b_d10)
    b_urbxdeat~10:  r(b_uxd)
       b_democrat:  r(b_dem)
    b_antimonarch:  r(b_mon)
        intercept:  r(b_int)

    ------------------------------------------------------------------------------
                     |   Observed   Bootstrap                         Normal-based
                     |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -----------------+------------------------------------------------------------
        b_lnparticnum |   .2940023   .0993039     2.96   0.003     .0993702    .4886343
           b_urbandum |   2.907285   1.114384     2.61   0.009     .7231323    5.091438
        b_deathtile10 |   .2811206   .1266463     2.22   0.026     .0328984    .5293429
    b_urbxdeathtile10 |  -.5097852   .1415317    -3.60   0.000    -.7871822   -.2323882
           b_democrat |   1.036911   .4315402     2.40   0.016     .1911077    1.882714
        b_antimonarch |   .9137496   .4791255     1.91   0.057    -.0253192    1.852818
            intercept |  -6.207352    1.26053    -4.92   0.000    -8.677945   -3.736759
    ------------------------------------------------------------------------------

324 . * Displaying exponentiated form
325 . bootstrap, eform

    Bootstrap results                                 Number of obs     =        343
                                                      Replications      =        100

          command:  myboot
    b_lnparticnum:  r(b_lnp)
       b_urbandum:  r(b_urb)
    b_deathtile10:  r(b_d10)
    b_urbxdeat~10:  r(b_uxd)
       b_democrat:  r(b_dem)
    b_antimonarch:  r(b_mon)
        intercept:  r(b_int)
```

```
------------------------------------------------------------------------------
                  |   Observed   Bootstrap                         Normal-based
                  |      exp(b)   Std. Err.      z    P>|z|     [95% Conf. Interval]
------------------+-----------------------------------------------------------------
    b lnparticnum |   1.341787   .1332447     2.96   0.003     1.104475    1.630088
       b_urbandum |   18.30703   20.40106     2.61   0.009     2.060878    162.6235
    b_deathtile10 |   1.324613   .1677574     2.22   0.026     1.033445    1.697816
b_urbxdeathtile10 |   .6006246   .0850074    -3.60   0.000     .4551255    .7926383
       b_democrat |   2.820491   1.217155     2.40   0.016      1.21059    6.571317
    b_antimonarch |   2.493655   1.194774     1.91   0.057     .9749986    6.377769
        intercept |   .0020146   .0025394    -4.92   0.000     .0001703    .0238312
------------------------------------------------------------------------------
```

```
326 . clear programs

327 . *  Result:  all variables significant at the .05 level or better, with exception of antimonarch, which is signif
    > icant at the .10 level.
328 .
329 . * ++++++++++++++++++++++++++++++++++
330 . * Testing for multicollinearity
331 . * ++++++++++++++++++++++++++++++++++
332 . use revolutionaryepsmiopp.dta, clear

333 . collin lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch if startyear>1899
    (obs=304)

      Collinearity Diagnostics

                           SQRT                  R-
      Variable      VIF     VIF    Tolerance    Squared
    ----------------------------------------------------
    lnparticnum      1.52    1.23    0.6573      0.3427
      urbandum     11.83    3.44    0.0845      0.9155
    deathtile10      4.74    2.18    0.2110      0.7890
    urbxdeathtile10      6.31    2.51    0.1585      0.8415
      democrat       1.67    1.29    0.5999      0.4001
    antimonarch      1.09    1.05    0.9156      0.0844
    ----------------------------------------------------
      Mean VIF       4.53

                             Cond
            Eigenval         Index
    ---------------------------------
        1     4.3870          1.0000
        2     0.9961          2.0986
        3     0.9047          2.2021
        4     0.5238          2.8942
        5     0.1619          5.2047
        6     0.0147         17.2564
        7     0.0118         19.2906
    ---------------------------------
     Condition Number        19.2906
     Eigenvalues & Cond Index computed from scaled raw sscp (w/ intercept)
     Det(correlation matrix)    0.0445

334 . *       RESULT:  urbandum has high VIF (>10) due to presence of interaction variable urbxdeathtile10
335 . * Rerun without the interaction term urbxdeathtile10
336 . collin lnparticnum urbandum deathtile10  democrat antimonarch if startyear>1899
    (obs=304)

      Collinearity Diagnostics

                           SQRT                  R-
      Variable      VIF     VIF    Tolerance    Squared
    ----------------------------------------------------
    lnparticnum      1.43    1.20    0.6972      0.3028
      urbandum       2.18    1.48    0.4590      0.5410
    deathtile10      1.81    1.34    0.5530      0.4470
      democrat       1.64    1.28    0.6084      0.3916
    antimonarch      1.09    1.04    0.9176      0.0824
    ----------------------------------------------------
      Mean VIF       1.63

                             Cond
            Eigenval         Index
    ---------------------------------
        1     3.8107          1.0000
        2     0.9850          1.9669
        3     0.8718          2.0906
        4     0.2645          3.7955
        5     0.0561          8.2407
        6     0.0119         17.9195
    ---------------------------------
     Condition Number        17.9195
     Eigenvalues & Cond Index computed from scaled raw sscp (w/ intercept)
     Det(correlation matrix)    0.2808

337 . *       RESULT:  all variables within acceptable range
338 .
```

```
. * ++++++++++++++++++++++++++++++++++
. * Visual inspection of potential outliers
. * ++++++++++++++++++++++++++++++++++
. *  Create predictions
. use revolutionaryepsmiopp.dta, clear

. quietly: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch if startyear>1899 ,
>  or nolog

. predict pr , pr
(39 missing values generated)

. predict stdres, rstand
(41 missing values generated)

. predict dev, dev
(41 missing values generated)

. predict hat, hat
(41 missing values generated)

. predict dx2, dx2
(41 missing values generated)

. predict dd, dd
(41 missing values generated)

. * Standardized Pearson residuals by predicted probability
. scatter stdres pr, mlab(revid)  yline(0)

. graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat1.pdf, replace
(file Robustnesstestfiles\Logfiles\robch4tab4_2_scat1.pdf written in PDF format)

. *       RESULT: revid 359 (Tunisian independence movement) as potential outlier
. *                       revid 278 (Niger Constitutional Crisis) as potential outlier
. *                       revid 172 (Djiboutian Uprising 2011) as potential outlier
. * Standardized Pearson residuals by revid
. scatter stdres revid, mlab(revi)  yline(0)

. graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat2.pdf, replace
(file Robustnesstestfiles\Logfiles\robch4tab4_2_scat2.pdf written in PDF format)

. *       RESULT: Identified revid 359 (Tunisian independence movement) as potential outlier
. *                       revid 145 (Azerbaijan color revolution attempt) as potential outlier
. *                       revid 172 (Djiboutian Uprising 2011) as potential outlier
. *                       revid 106 (Solidarity Uprising) as potential outlier
. *                       revid 278 (Niger Constitutional Crisis) as potential outlier
. *                       revid 15 (Irish War of Independence) as potential outlier
. *                       revid 100 (Saur [April] Revolution) as potential outlier
. * Deviance residual by revid
. scatter dev revid, mlab(revid)  yline(0)

. graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat3.pdf, replace
(file Robustnesstestfiles\Logfiles\robch4tab4_2_scat3.pdf written in PDF format)

. *       RESULT: revid 15 (Irish War of Independence) as potential outlier
. *                       revid 100 (Saur Revolution) as potential outlier
. * Leverage by predicted probability
. scatter hat pr, mlab(revid)  yline(0)

. graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat4.pdf, replace
(file Robustnesstestfiles\Logfiles\robch4tab4_2_scat4.pdf written in PDF format)

. *       RESULT: not readable
. * Leverage by revid (with cutoff point of 3 * the mean of leverage)
. mean hat

Mean estimation                   Number of obs   =        304

------------------------------------------------------------------
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------
         hat |    .033815   .0012443      .0313664    .0362636
------------------------------------------------------------------

. matrix coefs = e(b)

. local hatmean = 3 * (coefs[1,1])

. scatter hat revid, mlab(revid) yline(0) yline(`hatmean')

. graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat5.pdf, replace
(file Robustnesstestfiles\Logfiles\robch4tab4_2_scat5.pdf written in PDF format)

. *       RESULT: not readable
. * Difference of chi-squares
. scatter dx2 revid, mlab(revid)

. graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat6.pdf, replace
(file Robustnesstestfiles\Logfiles\robch4tab4_2_scat6.pdf written in PDF format)
```

```
386 . *       RESULT:  revid 359 (Tunisian independence movement) as potential outlier
387 . *                       revid 15 (Irish War of Independence) as potential outlier
388 . *                       revid 100 (Saur Revolution) as potential outlier
389 . * Difference of deviances
390 . scatter dd revid, mlab(revid)

391 . graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat7.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_2_scat7.pdf written in PDF format)

392 . *       RESULT: revid 15 (Irish War of Independence) as potential outlier
393 . *                      revid 100 (Saur Revolution) as potential outlier
394 . *                      revid 278 (Niger Constitutional Crisis) as potential outlier
395 . *                      revid 172 (Djiboutian Uprising 2011) as potential outlier
396 . *                      revid 145 (Azerbaijan color revolution attempt) as potential outlier
397 . *                      revid 155 (Moldovan Twitter Revolution) as potential outlier
398 . * Drop predictions
399 . drop pr stdres dev hat dx2 dd

400 .
401 . * Checking to see if dropping potential outliers alters any findings
402 . eststo: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch if startyear>1899 ,
    > or nolog

    Logistic regression                             Number of obs     =        304
                                                    LR chi2(6)        =      56.02
                                                    Prob > chi2       =     0.0000
    Log likelihood =  -171.5114                     Pseudo R2         =     0.1404

    ------------------------------------------------------------------------------
            success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ----------------+-------------------------------------------------------------
        lnparticnum |   1.334822   .1212308     3.18   0.001     1.117161     1.59489
           urbandum |     11.495    11.7528     2.39   0.017     1.549594    85.27081
        deathtile10 |   1.281575   .1453508     2.19   0.029     1.026135    1.600604
    urbxdeathtile10 |   .6390092   .0865314    -3.31   0.001     .4900514    .8332447
           democrat |   2.510177   .9234573     2.50   0.012     1.220562    5.162367
        antimonarch |   2.200863   1.072678     1.62   0.106      .846694    5.720839
               cons |   .0031396   .0034575    -5.23   0.000     .0003627    .0271803
    ------------------------------------------------------------------------------
    (est1 stored)

403 . eststo: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch if startyear>1899 &
    > revid~=15 & revid~=100 & revid~=106 & revid~=145 & revid~=155 & revid~=172 & revid~=278 & revid~=359, or nolog

    Logistic regression                             Number of obs     =        296
                                                    LR chi2(6)        =      70.05
                                                    Prob > chi2       =     0.0000
    Log likelihood = -159.19916                     Pseudo R2         =     0.1803

    ------------------------------------------------------------------------------
            success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ----------------+-------------------------------------------------------------
        lnparticnum |   1.392835   .1352003     3.41   0.001     1.151529    1.684707
           urbandum |   16.48695   17.77164     2.60   0.009     1.993479    136.3543
        deathtile10 |   1.327554   .1579687     2.38   0.017     1.051394    1.676249
    urbxdeathtile10 |   .5840903    .083711    -3.75   0.000     .4410491    .7735226
           democrat |   3.350435   1.285989     3.15   0.002     1.579016    7.109119
        antimonarch |   2.396044   1.198448     1.75   0.081     .8989647    6.386267
              _cons |   .0014755   .0017427    -5.52   0.000     .0001458     .014937
    ------------------------------------------------------------------------------
    (est2 stored)

404 . esttab , star (+ 0.10 * 0.05 ** 0.01 *** 0.001) mtitles(All_n No_outl)

    ----------------------------------------------
                          (1)             (2)
                        All_n         No_outl
    ----------------------------------------------
    success
    lnparticnum          0.289**         0.331***
                        (3.18)          (3.41)

    urbandum             2.442*          2.803**
                        (2.39)          (2.60)

    deathtile10          0.248*          0.283*
                        (2.19)          (2.38)

    urbxdeath~10        -0.448***       -0.538***
                       (-3.31)         (-3.75)

    democrat             0.920*          1.209**
                        (2.50)          (3.15)

    antimonarch          0.789           0.874+
                        (1.62)          (1.75)

     cons               -5.764***       -6.519***
                       (-5.23)         (-5.52)
    ----------------------------------------------
    N                      304             296
    ----------------------------------------------
    t statistics in parentheses
    + p<0.10, * p<0.05, ** p<0.01, *** p<0.001
```

```
405 . *       RESULT:  antimonarch becomes marginally significant, but otherwise no changes in signs or patterns of st
    > atistical significance
406 . eststo clear

407 .
408 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
409 . * Visual inspection of potential outliers, multiple imputation model
410 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
411 . quietly: mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urb
    > xdeathtile10 democrat antimonarch if startyear>1899

412 . mi predict xb using miest , xb

413 . mi predict stdp using miest, stdp

414 . scatter  stdp xb, mlab(revid)  yline(0)

415 . graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat8.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_2_scat8.pdf written in PDF format)

416 . *       RESULT: revid 19 (Aster Revolution) as potential outlier
417 . *                       revid 337 (Argentinian Revolution of 1905) as potential outlier
418 . *                       revid 250 (1926 Indonesian Communist Revolt) as potential outlier
419 . *                       revid 61 (La Violencia) as potential outlier
420 . *                       revid 364 (Tupamaros) as potential outlier
421 . *                       revid 389 (Ar-Rashid Revolt) as potential outlier
422 . *                       revid 305 (Vaccine Revolt) as potential outlier
423 . scatter  stdp revid, mlab(revid)  yline(0)

424 . graph export Robustnesstestfiles\Logfiles\robch4tab4_2_scat9.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_2_scat9.pdf written in PDF format)

425 . *       RESULT: revid 19 (Aster Revolution) as potential outlier
426 . *                       revid 337 (Argentinian Revolution of 1905) as potential outlier
427 . *                       revid 250 (1926 Indonesian Communist Revolt) as potential outlier
428 . *                       revid 61 (La Violencia) as potential outlier
429 . *                       revid 364 (Tupamaros) as potential outlier
430 . *                       revid 389 (Ar-Rashid Revolt) as potential outlier
431 . *                       revid 305 (Vaccine Revolt) as potential outlier
432 . * Drop predictions
433 . drop xb stdp

434 . * Testing the effect of dropping potential outliers on results in Model 6
435 . eststo: quietly: mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathti
    > le10 urbxdeathtile10 democrat antimonarch if startyear>1899 , or
    (est1 stored)

436 . eststo: quietly: mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathti
    > le10 urbxdeathtile10 democrat antimonarch if startyear>1899 & revid~=19 & revid~=61 & revid~=250 & revid~=305 &
    > revid~=337 & revid~=364 & revid~=389, or
    (est2 stored)

437 . esttab , star (+ 0.10 * 0.05 ** 0.01 *** 0.001) mtitles(All_n No_outl)

    ---------------------------------------------
                          (1)             (2)
                        All_n         No_outl
    ---------------------------------------------
    success
    lnparticnum          0.303***        0.296***
                        (3.43)          (3.33)

    urbandum             2.962**         2.993**
                        (2.87)          (2.90)

    deathtile10          0.281*          0.283*
                        (2.41)          (2.43)

    urbxdeath~10        -0.520***       -0.515***
                       (-3.81)         (-3.76)

    democrat             1.005**         1.001**
                        (2.86)          (2.84)

    antimonarch          0.882+          0.802+
                        (1.95)          (1.76)

    _cons               -6.290***       -6.233***
                       (-5.72)         (-5.65)
    ---------------------------------------------
    N                       343             336
    ---------------------------------------------
    t statistics in parentheses
    + p<0.10, * p<0.05, ** p<0.01, *** p<0.001

438 . *       RESULT:  No changes in signs and patterns of significance
439 . eststo clear

440 .
```

```
441 . * ++++++++++++++++++++++++++++++++++
442 . * Linktest for omitted variable bias
443 . * ++++++++++++++++++++++++++++++++++
444 . quietly: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch if startyear>1899,
    > or nolog

445 . linktest , nolog

    Logistic regression                             Number of obs     =        304
                                                    LR chi2(2)        =      56.02
                                                    Prob > chi2       =     0.0000
    Log likelihood = -171.51053                     Pseudo R2         =     0.1404

    ------------------------------------------------------------------------------
         success |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
            _hat |   1.005612   .2022414     4.97   0.000     .6092265    1.401998
          _hatsq |   .0055366   .1329291     0.04   0.967    -.2549997    .2660728
           _cons |  -.0027974   .1626925    -0.02   0.986    -.3216689    .3160741
    ------------------------------------------------------------------------------

446 . *       RESULT:  passes, _hatsq is not statistically significant
447 .
448 .
449 . * ====================================================================
450 . * Bivariate relationships between regime characteristics and opposition
451 . *       features in the combined model
452 . * ====================================================================
453 . * The purpose of these tests is to show how to combining the two models
454 . *       has an artificiality to it, given the relationships between the
455 . *       variables in the two models
456 .
457 . clear

458 . use revolutionaryepsmicomb.dta

459 .
460 . * Polity scores
461 . * Relationships with organizational forms
462 . logit coalitionleadership newpolitymin1 newpolitymin1sq if startyear>1899, or nolog

    Logistic regression                             Number of obs     =        276
                                                    LR chi2(2)        =      12.50
                                                    Prob > chi2       =     0.0019
    Log likelihood = -144.40571                     Pseudo R2         =     0.0415

    ------------------------------------------------------------------------------
    coalitionleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------
          newpolitymin1 |   .9455704   .0286543    -1.85   0.065     .8910442    1.003433
        newpolitymin1sq |   .9817722   .0057844    -3.12   0.002     .9705002    .9931752
                  _cons |   .5223426   .1168431    -2.90   0.004     .3369378    .8097691
    ------------------------------------------------------------------------------

463 . *       RESULT:  Marginally significant and negative
464 . logit traditionalleadership newpolitymin1 newpolitymin1sq if startyear>1899, or nolog

    Logistic regression                             Number of obs     =        276
                                                    LR chi2(2)        =      16.13
                                                    Prob > chi2       =     0.0003
    Log likelihood = -66.209812                     Pseudo R2         =     0.1086

    ------------------------------------------------------------------------------
    traditionalleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ----------------------+-------------------------------------------------------
            newpolitymin1 |   .8106625   .0748892    -2.27   0.023     .6764035    .9715705
          newpolitymin1sq |   .9984179   .0120561    -0.13   0.896     .9750658    1.022329
                    _cons |   .0381834   .0180706    -6.90   0.000     .0151021    .0965412
    ------------------------------------------------------------------------------

465 . *       RESULT:  Statistically significant and negative
466 . * Relationship with goals
467 . logit democrat newpolitymin1 newpolitymin1sq if startyear>1899, or nolog

    Logistic regression                             Number of obs     =        276
                                                    LR chi2(2)        =      11.98
                                                    Prob > chi2       =     0.0025
    Log likelihood = -164.43045                     Pseudo R2         =     0.0352

    ------------------------------------------------------------------------------
           democrat | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ----------------+-------------------------------------------------------------
      newpolitymin1 |   .9219938   .0245097    -3.06   0.002     .8751858    .9713053
    newpolitymin1sq |   .9908065   .0050619    -1.81   0.071     .9809348    1.000778
              _cons |   .5304662   .1139679    -2.95   0.003     .3481621    .8082281
    ------------------------------------------------------------------------------

468 . *       RESULT:  Marginally significant and negative
469 . logit antimonarch newpolitymin1 newpolitymin1sq if startyear>1899, or nolog

    Logistic regression                             Number of obs     =        276
                                                    LR chi2(2)        =       8.14
                                                    Prob > chi2       =     0.0171
    Log likelihood = -79.799424                     Pseudo R2         =     0.0485
```

```
------------------------------------------------------------------------------
    antimonarch | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
  newpolitymin1 |   .9110171   .0406753    -2.09   0.037     .8346836    .9943315
newpolitymin1sq |   1.006115   .0082062     0.75   0.455     .9901586    1.022328
          _cons |   .0594431   .0235654    -7.12   0.000     .0273309    .1292853
------------------------------------------------------------------------------

. *       RESULT:  Statistically significant
. * Relationship with participation
. reg lnparticnum newpolitymin1 newpolitymin1sq if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        256
                                                F(2, 253)         =       1.89
                                                Prob > F          =     0.1538
                                                R-squared         =     0.0159
                                                Root MSE          =     1.8598

------------------------------------------------------------------------------
             |               Robust
  lnparticnum |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
  newpolitymin1 |  -.0378198    .020012    -1.89   0.060    -.0772311    .0015915
newpolitymin1sq |    .001151   .0043045     0.27   0.789    -.0073261    .0096281
          _cons |   10.49112   .1886365    55.62   0.000     10.11963    10.86262
------------------------------------------------------------------------------

. *       RESULT:  Statistically significant
. * Relationship with violence
. reg deathtile10 newpolitymin1 newpolitymin1sq if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        263
                                                F(2, 260)         =       0.59
                                                Prob > F          =     0.5549
                                                R-squared         =     0.0046
                                                Root MSE          =      2.896

------------------------------------------------------------------------------
             |               Robust
  deathtile10 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
  newpolitymin1 |  -.0264841   .0297762    -0.89   0.375    -.0851173    .0321492
newpolitymin1sq |   .0032467   .0061489     0.53   0.598    -.0088613    .0153547
          _cons |   5.054528   .2883305    17.53   0.000     4.486768    5.622289
------------------------------------------------------------------------------

. *       RESULT:  No relationship
. logit urbandum newpolitymin1 newpolitymin1sq if startyear>1899, or nolog

Logistic regression                             Number of obs     =        276
                                                LR chi2(2)        =       2.60
                                                Prob > chi2       =     0.2723
Log likelihood = -186.48569                     Pseudo R2         =     0.0069

------------------------------------------------------------------------------
       urbandum | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
  newpolitymin1 |   .9677714   .0199366    -1.59   0.112     .9294748    1.007646
newpolitymin1sq |   .9979898   .0043034    -0.47   0.641     .9895909     1.00646
          _cons |   1.422953   .2882766     1.74   0.082     .9566328    2.116585
------------------------------------------------------------------------------

. *       RESULT:  No relationship
.
. * Years incumbent in power
. * Relationship with organizational forms
. logit coalitionleadership newincumbpowerdur if startyear>1899, or nolog

Logistic regression                             Number of obs     =        286
                                                LR chi2(1)        =       3.51
                                                Prob > chi2       =     0.0611
Log likelihood = -153.93823                     Pseudo R2         =     0.0113

------------------------------------------------------------------------------
coalitionleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------------+---------------------------------------------------------
  newincumbpowerdur |    1.02872   .0152783     1.91   0.057     .9992072    1.059105
              _cons |   .2430972   .0462547    -7.43   0.000     .1674248    .3529719
------------------------------------------------------------------------------

. *       RESULT:  Marginally significant and positive
. logit traditionalleadership newincumbpowerdur if startyear>1899, or nolog

Logistic regression                             Number of obs     =        286
                                                LR chi2(1)        =       4.47
                                                Prob > chi2       =     0.0345
Log likelihood = -72.815701                     Pseudo R2         =     0.0298

------------------------------------------------------------------------------
traditionalleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------------+-------------------------------------------------------
    newincumbpowerdur |   1.048034   .0220368     2.23   0.026     1.005721    1.092128
                _cons |    .051216   .0168216    -9.05   0.000      .026905    .0974941
------------------------------------------------------------------------------
```

```
485 . *       RESULT:  Statistcally significant and positive
486 . * Relationship with goals
487 . logit democrat newincumbpowerdur if startyear>1899, or nolog

Logistic regression                             Number of obs     =        286
                                                LR chi2(1)        =      11.93
                                                Prob > chi2       =     0.0006
Log likelihood =  -169.7452                     Pseudo R2         =     0.0340

------------------------------------------------------------------------------
    democrat | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newincumbpow~r |    1.05017   .0150154     3.42   0.001     1.021149    1.080016
       _cons |   .2935186   .0526027    -6.84   0.000       .20658    .4170451
------------------------------------------------------------------------------

488 . *       RESULT:  Statistically significant and positive
489 . logit antimonarch newincumbpowerdur if startyear>1899, or nolog

Logistic regression                             Number of obs     =        286
                                                LR chi2(1)        =      22.07
                                                Prob > chi2       =     0.0000
Log likelihood = -73.765594                     Pseudo R2         =     0.1301

------------------------------------------------------------------------------
  antimonarch | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newincumbpow~r |    1.09636   .0212895     4.74   0.000     1.055417    1.138891
       _cons |   .0350869   .0124622    -9.43   0.000     .0174909    .0703843
------------------------------------------------------------------------------

490 . *       RESULT:  Statistically significant and positive
491 . * Relationship with participation
492 . reg lnparticnum newincumbpowerdur if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        265
                                                F(1, 263)         =       7.94
                                                Prob > F          =     0.0052
                                                R-squared         =     0.0332
                                                Root MSE          =     1.8511

------------------------------------------------------------------------------
             |               Robust
  lnparticnum |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newincumbpow~r |   .0390699   .0138646     2.82   0.005     .0117701    .0663697
       _cons |   10.24445   .1449892    70.66   0.000     9.958963    10.52994
------------------------------------------------------------------------------

493 . *       RESULT:  Statistically significant and positive
494 . * Relationship with violence
495 . reg deathtile10 newincumbpowerdur if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        273
                                                F(1, 271)         =       3.22
                                                Prob > F          =     0.0737
                                                R-squared         =     0.0115
                                                Root MSE          =     2.9008

------------------------------------------------------------------------------
             |               Robust
  deathtile10 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newincumbpow~r |  -.0354329    .019733    -1.80   0.074    -.0742823    .0034165
       _cons |   5.536687    .232047    23.86   0.000     5.079843     5.99353
------------------------------------------------------------------------------

496 . *       RESULT:  Marginally significant and negative
497 . logit urbandum newincumbpowerdur if startyear>1899, or nolog

Logistic regression                             Number of obs     =        286
                                                LR chi2(1)        =       9.20
                                                Prob > chi2       =     0.0024
Log likelihood = -190.54447                     Pseudo R2         =     0.0236

------------------------------------------------------------------------------
    urbandum | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newincumbpow~r |    1.04542   .0161623     2.87   0.004     1.014218    1.077583
         cons |   .9769938   .1560047    -0.15   0.884     .7144525    1.336012
------------------------------------------------------------------------------

498 . *       RESULT:  Statistically significant and positive
499 .
500 . * GDP per capita
501 . * Relationship with organizational forms
502 . logit coalitionleadership newgdppcthl if startyear>1899, or nolog

Logistic regression                             Number of obs     =        283
                                                LR chi2(1)        =      16.61
                                                Prob > chi2       =     0.0000
Log likelihood = -146.58406                     Pseudo R2         =     0.0536

------------------------------------------------------------------------------
coalitionlead~p | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
   newgdppcthl |   1.228382   .0622773     4.06   0.000      1.11219    1.356714
         _cons |    .165415   .0366242    -8.13   0.000     .1071795    .2552923
------------------------------------------------------------------------------
```

```
503 . *       RESULT:  Statistically significant and positive
504 . logit traditionalleadership newgdppcthl if startyear>1899, or nolog

Logistic regression                             Number of obs     =        283
                                                LR chi2(1)        =       2.85
                                                Prob > chi2       =     0.0916
Log likelihood = -68.243956                     Pseudo R2         =     0.0204

------------------------------------------------------------------------------
traditionalleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------------+-------------------------------------------------------
          newgdppcthl |   .8230726   .1085911    -1.48   0.140     .6355298    1.065959
                cons |   .1119893    .038715    -6.33   0.000      .056874    .2205155
------------------------------------------------------------------------------

505 . *       RESULT:  Not significant and negative
506 . * Relationship with goals
507 . logit democrat newgdppcthl if startyear>1899, or nolog

Logistic regression                             Number of obs     =        283
                                                LR chi2(1)        =      17.09
                                                Prob > chi2       =     0.0000
Log likelihood = -164.41649                     Pseudo R2         =     0.0494

------------------------------------------------------------------------------
    democrat | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 newgdppcthl |   1.221781   .0603426     4.06   0.000     1.109056    1.345964
       _cons |   .2381915   .0481736    -7.09   0.000     .1602408    .3540622
------------------------------------------------------------------------------

508 . *       RESULT:  Statistically significant and positive
509 . logit antimonarch newgdppcthl if startyear>1899, or nolog

Logistic regression                             Number of obs     =        283
                                                LR chi2(1)        =       3.30
                                                Prob > chi2       =     0.0694
Log likelihood = -82.877857                     Pseudo R2         =     0.0195

------------------------------------------------------------------------------
 antimonarch | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 newgdppcthl |   .8349321     .09355    -1.61   0.107     .6703139    1.039978
       _cons |   .1470897   .0447759    -6.30   0.000     .0809965     .267115
------------------------------------------------------------------------------

510 . *       RESULT:  Not sigificant and negative
511 . * Relationship with participation
512 . reg lnparticnum newgdppcthl if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        262
                                                F(1, 260)         =      31.02
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1129
                                                Root MSE          =     1.7843

------------------------------------------------------------------------------
             |               Robust
 lnparticnum |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 newgdppcthl |   .2409025   .0432536     5.57   0.000     .1557306    .3260744
       _cons |   9.896178   .1572558    62.93   0.000     9.586521    10.20584
------------------------------------------------------------------------------

513 . *       RESULT:  Statistically significant and positive
514 . * Relationship with violence
515 . reg deathtile10 newgdppcthl if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        271
                                                F(1, 269)         =      78.64
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1561
                                                Root MSE          =     2.6942

------------------------------------------------------------------------------
             |               Robust
 deathtile10 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 newgdppcthl |  -.4408263   .0497093    -8.87   0.000    -.5386951   -.3429575
       cons |   6.490542   .2368805    27.40   0.000     6.024167    6.956918
------------------------------------------------------------------------------

516 . *       RESULT:  Statistically significant and negative
517 . logit urbandum newgdppcthl if startyear>1899, or nolog

Logistic regression                             Number of obs     =        283
                                                LR chi2(1)        =      52.08
                                                Prob > chi2       =     0.0000
Log likelihood = -166.52804                     Pseudo R2         =     0.1352

------------------------------------------------------------------------------
    urbandum | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 newgdppcthl |   1.585077   .1297912     5.63   0.000     1.350054    1.861013
       _cons |   .4746003   .0966713    -3.66   0.000     .3183808    .7074718
------------------------------------------------------------------------------
```

```
518 . *       RESULT:  Statistically significant and positive
519 .
520 . * Oil production
521 . * Relationship with organizational forms
522 . logit coalitionleadership newlnoill if startyear>1899, or nolog

Logistic regression                             Number of obs     =        285
                                                LR chi2(1)        =       0.64
                                                Prob > chi2       =     0.4231
Log likelihood =  -155.1042                     Pseudo R2         =     0.0021

------------------------------------------------------------------------------
coalitionleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------------+---------------------------------------------------------
          newlnoill |   .9753084   .0306681    -0.80   0.427     .9170148    1.037308
              _cons |   .3373192   .0605964    -6.05   0.000     .2372085    .4796802
------------------------------------------------------------------------------

523 . *       RESULT:  Not significant and negative
524 . logit traditionalleadership newlnoill if startyear>1899, or nolog

Logistic regression                             Number of obs     =        285
                                                LR chi2(1)        =       1.75
                                                Prob > chi2       =     0.1854
Log likelihood =  -71.53938                     Pseudo R2         =     0.0121

------------------------------------------------------------------------------
traditionalleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------------+-------------------------------------------------------
            newlnoill |   1.067695   .0523712     1.34   0.182     .9698287    1.175436
                _cons |   .0563625   .0191904    -8.45   0.000     .0289182     .109852
------------------------------------------------------------------------------

525 . *       RESULT:  Not significant and positive
526 . * Relationship with goals
527 . logit democrat newlnoill if startyear>1899, or nolog

Logistic regression                             Number of obs     =        285
                                                LR chi2(1)        =       1.82
                                                Prob > chi2       =     0.1773
Log likelihood = -173.60785                     Pseudo R2         =     0.0052

------------------------------------------------------------------------------
    democrat | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   newlnoill |   .9616986   .0281367    -1.33   0.182      .908103    1.018457
       _cons |   .4992831   .0826936    -4.19   0.000     .3608834    .6907595
------------------------------------------------------------------------------

528 . *       RESULT:  Not significant and negative
529 . logit antimonarch newlnoill if startyear>1899, or nolog

Logistic regression                             Number of obs     =        285
                                                LR chi2(1)        =       0.18
                                                Prob > chi2       =     0.6722
Log likelihood = -82.256798                     Pseudo R2         =     0.0011

------------------------------------------------------------------------------
 antimonarch | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   newlnoill |   .9799835   .0472488    -0.42   0.675     .8916184    1.077106
       _cons |   .0990743   .0270107    -8.48   0.000     .0580627    .1690538
------------------------------------------------------------------------------

530 . *       RESULT:  Not significant and negative
531 . * Relationship with participation
532 . reg lnparticnum newlnoill if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        264
                                                F(1, 262)         =       5.37
                                                Prob > F          =     0.0213
                                                R-squared         =     0.0201
                                                Root MSE          =     1.8586

------------------------------------------------------------------------------
             |               Robust
 lnparticnum |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   newlnoill |   .0580327   .0250491     2.32   0.021     .0087095    .1073558
       cons |   10.32819   .1364393    75.70   0.000     10.05954    10.59685
------------------------------------------------------------------------------

533 . *       RESULT:  Statistically significant and positive
534 . * Relationship with violence
535 . reg deathtile10 newlnoill if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        272
                                                F(1, 270)         =       0.07
                                                Prob > F          =     0.7869
                                                R-squared         =     0.0002
                                                Root MSE          =     2.9284

------------------------------------------------------------------------------
             |               Robust
 deathtile10 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   newlnoill |   .0099893   .0369058     0.27   0.787    -.0626704     .082649
       _cons |   5.203722   .2416652    21.53   0.000     4.727934    5.679509
------------------------------------------------------------------------------
```

```
536 . *       RESULT:  Not significant and positive
537 . * Relationship with urban location of contention
538 . logit urbandum newlnoill if startyear>1899, or nolog

Logistic regression                             Number of obs     =        285
                                                LR chi2(1)        =       2.33
                                                Prob > chi2       =     0.1268
Log likelihood = -193.12484                     Pseudo R2         =     0.0060

------------------------------------------------------------------------------
    urbandum | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   newlnoill |   1.041554     .02795     1.52   0.129     .9881889    1.097801
       _cons |   1.161594   .1814686     0.96   0.338     .8552174    1.577729
------------------------------------------------------------------------------

539 . *       RESULT:  Not significant and positive
540 .
541 . * Military expenditures per soldier (deciles)
542 . * Years incumbent in power
543 . * Relationship with organizational forms
544 . logit coalitionleadership newmilexpsold10tile if startyear>1899, or nolog

Logistic regression                             Number of obs     =        240
                                                LR chi2(1)        =      15.35
                                                Prob > chi2       =     0.0001
Log likelihood = -127.28432                     Pseudo R2         =     0.0569

------------------------------------------------------------------------------
coalitionleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------------+---------------------------------------------------------
newmilexpsold10tile |   1.236081   .0702093     3.73   0.000     1.105857    1.381641
              _cons |   .0900594   .0364953    -5.94   0.000     .0406997    .1992811
------------------------------------------------------------------------------

545 . *       RESULT:  Statistically significant and positive
546 . logit traditionalleadership newmilexpsold10tile if startyear>1899, or nolog

Logistic regression                             Number of obs     =        240
                                                LR chi2(1)        =       1.89
                                                Prob > chi2       =     0.1686
Log likelihood = -55.162544                     Pseudo R2         =     0.0169

------------------------------------------------------------------------------
traditionalleadership | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------------+-------------------------------------------------------
  newmilexpsold10tile |   .8804516    .082623    -1.36   0.175     .7325332    1.058239
                _cons |   .1302989   .0682808    -3.89   0.000     .0466535     .363913
------------------------------------------------------------------------------

547 . *       RESULT:  Not significant and negative
548 . * Relationship with goals
549 . logit democrat newmilexpsold10tile if startyear>1899, or nolog

Logistic regression                             Number of obs     =        240
                                                LR chi2(1)        =      14.45
                                                Prob > chi2       =     0.0001
Log likelihood = -137.64687                     Pseudo R2         =     0.0499

------------------------------------------------------------------------------
           democrat | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------------+---------------------------------------------------------
newmilexpsold10tile |   1.213959   .0644229     3.65   0.000     1.094038    1.347026
              _cons |   .1268391    .046946    -5.58   0.000     .0614052    .2620003
------------------------------------------------------------------------------

550 . *       RESULT:  Statistically significant and positive
551 . logit antimonarch newmilexpsold10tile if startyear>1899, or nolog

Logistic regression                             Number of obs     =        240
                                                LR chi2(1)        =       9.42
                                                Prob > chi2       =     0.0021
Log likelihood = -64.130941                     Pseudo R2         =     0.0684

------------------------------------------------------------------------------
        antimonarch | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------------+---------------------------------------------------------
newmilexpsold10tile |   .7704435   .0700002    -2.87   0.004     .6447676    .9206158
              _cons |   .3213019   .1400042    -2.61   0.009     .1367762    .7547724
------------------------------------------------------------------------------

552 . *       RESULT:  Statistically significant and negative
553 . * Relationship with participation
554 . reg lnparticnum newmilexpsold10tile if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        227
                                                F(1, 225)         =      14.12
                                                Prob > F          =     0.0002
                                                R-squared         =     0.0678
                                                Root MSE          =     1.8767

------------------------------------------------------------------------------
                             |               Robust
        lnparticnum |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------------+---------------------------------------------------------
newmilexpsold10tile |   .1739567   .0463018     3.76   0.000      .082716    .2651974
              _cons |   9.602057   .3040863    31.58   0.000     9.002835    10.20128
------------------------------------------------------------------------------
```

```
. *       RESULT:  Statistically significant and positive
. * Relationship with violence
. reg deathtile10 newmilexpsold10tile if startyear>1899, vce(robust)

Linear regression                               Number of obs     =        230
                                                F(1, 228)         =      19.52
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0712
                                                Root MSE          =     2.8344

------------------------------------------------------------------------------
             |               Robust
  deathtile10 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newmilexpsold10tile |  -.2678575    .060619    -4.42   0.000    -.3873025   -.1484124
       _cons |   6.764598   .3893985    17.37   0.000     5.997318    7.531878
------------------------------------------------------------------------------

. *       RESULT:  Statistically significant and negative
. * Relationship with urban location of contention
. logit urbandum newmilexpsold10tile if startyear>1899, or nolog

Logistic regression                             Number of obs     =        240
                                                LR chi2(1)        =      11.52
                                                Prob > chi2       =     0.0007
Log likelihood = -157.57329                     Pseudo R2         =     0.0353

------------------------------------------------------------------------------
    urbandum | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newmilexpsold10tile |   1.168329   .0546668     3.32   0.001      1.06595     1.28054
       _cons |   .5727859   .1671786    -1.91   0.056     .3232606     1.01492
------------------------------------------------------------------------------

. *       RESULT:  Statistically significant and positive
.
.
. * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++
. * ROBUSTNESS TESTS FOR COMBINED MODEL (2)in Table 4.3
. * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++
.
. * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
. * Bootstrapped standard errors--complete case sample--combined model (2)
. * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
. use revolutionaryepsmicomb.dta, clear

. eststo: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpo
> werdur newgdppcthl newlnoill newmilexpsold10tile if startyear>1899, or nolog

Logistic regression                             Number of obs     =        212
                                                LR chi2(10)       =      96.80
                                                Prob > chi2       =     0.0000
Log likelihood = -93.516594                     Pseudo R2         =     0.3410

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  lnparticnum |    1.62341   .2276605     3.46   0.001     1.233272    2.136964
    urbandum |   56.47999   87.38278     2.61   0.009     2.722461     1171.73
 deathtile10 |   1.284022   .2162003     1.48   0.138     .9231011    1.786058
urbxdeathtile10 |   .5270382   .1078415    -3.13   0.002     .3529157    .7870698
newpolitymin1 |   .9141814   .0344588    -2.38   0.017     .8490779    .9842768
newpolitymin1sq |   .9773756   .0077007    -2.90   0.004     .9623986    .9925858
newincumbpowerdur |   1.059527    .024634     2.49   0.013     1.012328    1.108925
  newgdppcthl |   .7414142   .0730933    -3.03   0.002     .6111447    .8994515
    newlnoill |   .8828805   .0398304    -2.76   0.006     .8081662    .9645019
newmilexpsold10tile |   1.288978   .1046416     3.13   0.002     1.099369    1.511289
       _cons |   .0003419   .0005859    -4.66   0.000     .0000119    .0098311
------------------------------------------------------------------------------
(est1 stored)

. eststo: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpo
> werdur newgdppcthl newlnoill newmilexpsold10tile if startyear>1899, or nolog vce(bootstrap, bca seed(1234) rep(1
> 000))
(running logit on estimation sample)

Jackknife replications (212)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................    50
..................................................   100
..................................................   150
..................................................   200
............

Bootstrap replications (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................    50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
```

```
.................................................   800
.................................................   850
.................................................   900
.................................................   950
.................................................  1000

Logistic regression                               Number of obs     =        212
                                                  Replications      =      1,000
                                                  Wald chi2(10)     =      37.59
                                                  Prob > chi2       =     0.0000
Log likelihood = -93.516594                       Pseudo R2         =     0.3410

------------------------------------------------------------------------------
             |   Observed   Bootstrap                         Normal-based
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  lnparticnum |    1.62341   .2871304     2.74   0.006     1.147829    2.296038
    urbandum |   56.47999   116.5077     1.96   0.051     .9908881    3219.323
  deathtile10 |   1.284022   .2820324     1.14   0.255      .834849    1.974862
urbxdeathtile10 |   .5270382   .1381788    -2.44   0.015     .3152639    .8810693
  newpolitymin1 |   .9141814   .0378463    -2.17   0.030     .8429338    .9914512
newpolitymin1sq |   .9773756    .008191    -2.73   0.006     .9614526    .9935623
newincumbpowerdur |   1.059527   .0251887     2.43   0.015      1.01129    1.110064
  newgdppcthl |   .7414142   .0838786    -2.64   0.008     .5939662    .9254652
    newlnoill |   .8828805    .041935    -2.62   0.009     .8043991    .9690188
newmilexpsold10tile |   1.288978   .1153847     2.84   0.005     1.081556    1.536179
      _cons |   .0003419   .0007749    -3.52   0.000     4.02e-06    .0290473
------------------------------------------------------------------------------
(est2 stored)

574 . estat bootstrap, all

Logistic regression                               Number of obs     =        212
                                                  Replications      =       1000

------------------------------------------------------------------------------
             |    Observed               Bootstrap
     success |       Coef.       Bias    Std. Err.  [95% Conf. Interval]
-------------+----------------------------------------------------------------
 lnparticnum |   .48452868   .0487172   .17686874    .1378723    .831185   (N)
             |                                       .2203484   .8972531   (P)
             |                                       .1696774   .8049699  (BC)
             |                                       .1435743   .7820542 (BCa)
    urbandum |   4.0338864   .4156371   2.0628135   -.0091537   8.076926   (N)
             |                                       .9108429   9.041993   (P)
             |                                       .4834161   8.024796  (BC)
             |                                      -.5106276    7.55625 (BCa)
 deathtile10 |   .24999715   .0233029   .21964767   -.1805044   .6804987   (N)
             |                                      -.1045126   .7462111   (P)
             |                                      -.1102389   .7406856  (BC)
             |                                      -.1519583   .6646836 (BCa)
urbxdeath~10 |  -.64048217  -.0677571   .26217991   -1.154345   -.126619   (N)
             |                                      -1.301646   -.252541   (P)
             |                                      -1.128582  -.1521667  (BC)
             |                                      -1.098839   -.138392 (BCa)
newpolitym~1 |  -.08972622  -.0078015   .04139907   -.1708669  -.0085855   (N)
             |                                      -.1831534   -.018934   (P)
             |                                      -.1643021  -.0040615  (BC)
             |                                      -.1617505  -.0032693 (BCa)
newpolitym~q |  -.02288422  -.0020183   .00838063     -.03931  -.0064585   (N)
             |                                      -.0418709  -.0100317   (P)
             |                                      -.0382797  -.0074299  (BC)
             |                                      -.0377763  -.0073397 (BCa)
newincumbp~r |   .05782228   .0069039    .0237735    .0112271   .1044175   (N)
             |                                       .0218938   .1136142   (P)
             |                                       .0155239   .1008603  (BC)
             |                                       .0130564   .0998999 (BCa)
 newgdppcthl |   -.2991958  -.0300308   .11313323   -.5209329  -.0774587   (N)
             |                                      -.5685908    -.12153   (P)
             |                                      -.4915231  -.0689456  (BC)
             |                                      -.4858027  -.0552521 (BCa)
   newlnoill |  -.12456548  -.0105138   .04749794   -.2176597  -.0314712   (N)
             |                                      -.2312456  -.0432062   (P)
             |                                      -.2089972   -.021639  (BC)
             |                                      -.2079752  -.0199533 (BCa)
newmilexps~e |   .25384949   .0227076   .08951641    .0784006   .4292984   (N)
             |                                       .1103874   .4703708   (P)
             |                                       .0729632   .4152942  (BC)
             |                                       .0612431   .4132622 (BCa)
        cons |  -7.9809385  -.8086192   2.2664242   -12.42305  -3.538829   (N)
             |                                      -13.89697  -4.745232   (P)
             |                                      -11.76163  -3.826504  (BC)
             |                                      -11.54329  -3.518927 (BCa)
------------------------------------------------------------------------------
(N)    normal confidence interval
(P)    percentile confidence interval
(BC)   bias-corrected confidence interval
(BCa)  bias-corrected and accelerated confidence interval
```

```
575 . esttab , star (+ 0.10 * 0.05 ** 0.01 *** 0.001) mtitles(Orig Boot)

    ---------------------------------------------
                          (1)             (2)
                         Orig            Boot
    ---------------------------------------------
    success
    lnparticnum          0.485***        0.485**
                        (3.46)          (2.74)

    urbandum             4.034**         4.034+
                        (2.61)          (1.96)

    deathtile10          0.250           0.250
                        (1.48)          (1.14)

    urbxdeath~10        -0.640**        -0.640*
                       (-3.13)         (-2.44)

    newpolitym~1       -0.0897*        -0.0897*
                       (-2.38)         (-2.17)

    newpolitym~q       -0.0229**       -0.0229**
                       (-2.90)         (-2.73)

    newincumbp~r        0.0578*         0.0578*
                        (2.49)          (2.43)

    newgdppcthl         -0.299**        -0.299**
                       (-3.03)         (-2.64)

    newlnoill           -0.125**        -0.125**
                       (-2.76)         (-2.62)

    newmilexps~e         0.254**         0.254**
                        (3.13)          (2.84)

     cons               -7.981***       -7.981***
                       (-4.66)         (-3.52)
    ---------------------------------------------
    N                      212             212
    ---------------------------------------------
    t statistics in parentheses
    + p<0.10, * p<0.05, ** p<0.01, *** p<0.001

576 . *       RESULT:  no changes in signs or patterns of statistical significance
577 . eststo clear

578 .
579 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
580 . * Bootstrapping multiple imputation estimation--combined model (2)
581 . * ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
582 . * using 10 imputations, 100 bootstraps (30 imputations takes a very long time)
583 . * WARNING:  This test can take up to 50 minutes to complete execution
584 . use revolutionaryeps.dta

585 . drop if colony==1
    (57 observations deleted)

586 . program define myboot, rclass
      1.    mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3))
    > newlnoill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmile
    > xp (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 = success civilw
    > ar urbandum democrat antimonarch, add(10) rseed(1234) force
      2.    mi estimate, eform: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolity
    > min1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile, or
      3.    return scalar b_lnp = el(e(b_mi),1,1)
      4.    return scalar b_urb = el(e(b_mi),1,2)
      5.    return scalar b_d10 = el(e(b_mi),1,3)
      6.    return scalar b_uxd = el(e(b_mi),1,4)
      7.    return scalar b_npo1 = el(e(b_mi),1,5)
      8.    return scalar b_npsq = el(e(b_mi),1,6)
      9.    return scalar b_newi = el(e(b_mi),1,7)
     10.    return scalar b_newg = el(e(b_mi),1,8)
     11.    return scalar b_newo = el(e(b_mi),1,9)
     12.    return scalar b_newm = el(e(b_mi),1,10)
     13.    return scalar b_int  = el(e(b_mi),1,11)
     14. end

587 . mi set wide

588 . mi xtset, clear

589 . mi stset, clear

590 . mi register imputed lnparticnum urbandum deathtile10 urbxdeathtile10 newcivxmilexp newpolitymin1 newpolitymin1sq
    >  newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile

591 . set seed 1234
```

```
592 . bootstrap b_lnparticnum=r(b_lnp) b_urbandum=r(b_urb) b_deathtile10=r(b_d10) b_urbxdeathtile10=r(b_uxd) b_newpoli
    > tymin1=r(b_npo1) b_newpolitymin1sq=r(b_npsq) b_newincumbpowerdur=r(b_newi) b_newgdppcthl=r(b_newg) b_newlnoill=r
    > (b_newo) b_newmilexpsold10tile=r(b_newm) intercept=r(b_int), reps(100): myboot
    (running myboot on estimation sample)

    Warning:  Because myboot is not an estimation command or does not set e(sample), bootstrap has no way to
              determine which observations are used in calculating the statistics and so assumes that all
              observations are used.  This means that no observations will be excluded from the resampling because
              of missing values or other reasons.

              If the assumption is not true, press Break, save the data, and drop the observations that are to be
              excluded.  Be sure that the dataset in memory contains only the relevant data.

    Bootstrap replications (100)
    ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
    ..................................................    50
    ..................................................   100

    Bootstrap results                                 Number of obs     =        288
                                                      Replications      =        100

          command:  myboot
    b_lnparticnum:  r(b_lnp)
       b_urbandum:  r(b_urb)
    b_deathtile10:  r(b_d10)
    b_urbxdeat~10:  r(b_uxd)
    b_newpolity~1:  r(b_npo1)
    b_newpolity~q:  r(b_npsq)
    b_newincumb~r:  r(b_newi)
    b_newgdppcthl:  r(b_newg)
      b_newlnoill:  r(b_newo)
    b_newmilexp~e:  r(b_newm)
        intercept:  r(b_int)

    ------------------------------------------------------------------------------
                         |   Observed   Bootstrap                         Normal-based
                         |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ---------------------+--------------------------------------------------------------
            b_lnparticnum |   .5391207   .1308481     4.12   0.000     .2826632    .7955783
               b_urbandum |   3.552408   1.705524     2.08   0.037     .2096422    6.895174
            b_deathtile10 |   .2237078   .1906605     1.17   0.241    -.1499798    .5973955
        b_urbxdeathtile10 |  -.5650885   .1920039    -2.94   0.003    -.9414092   -.1887678
          b_newpolitymin1 |  -.1101031   .0320994    -3.43   0.001    -.1730168   -.0471894
       b_newpolitymin1sq |  -.0212164   .0065336    -3.25   0.001     -.034022   -.0084107
      b_newincumbpowerdur |   .0375243   .0168867     2.22   0.026      .004427    .0706216
            b_newgdppcthl |  -.2720538    .099334    -2.74   0.006    -.4667449   -.0773627
              b_newlnoill |  -.1113781   .0397215    -2.80   0.005    -.1892309   -.0335253
    b_newmilexpsold10tile |   .2478312   .0701396     3.53   0.000       .11036    .3853024
                intercept |  -8.401892   1.761237    -4.77   0.000    -11.85385   -4.949931
    ------------------------------------------------------------------------------

593 . * Displaying exponentiated form
594 . bootstrap, eform

    Bootstrap results                                 Number of obs     =        288
                                                      Replications      =        100

          command:  myboot
    b_lnparticnum:  r(b_lnp)
       b_urbandum:  r(b_urb)
    b_deathtile10:  r(b_d10)
    b_urbxdeat~10:  r(b_uxd)
    b_newpolity~1:  r(b_npo1)
    b_newpolity~q:  r(b_npsq)
    b_newincumb~r:  r(b_newi)
    b_newgdppcthl:  r(b_newg)
      b_newlnoill:  r(b_newo)
    b_newmilexp~e:  r(b_newm)
        intercept:  r(b_int)

    ------------------------------------------------------------------------------
                         |   Observed   Bootstrap                         Normal-based
                         |     exp(b)   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ---------------------+--------------------------------------------------------------
            b_lnparticnum |   1.714499   .2243389     4.12   0.000     1.326658    2.215722
               b_urbandum |   34.89726   59.51812     2.08   0.037     1.233237    987.4979
            b_deathtile10 |   1.250706   .2384601     1.17   0.241     .8607254    1.817379
        b_urbxdeathtile10 |   .5683099   .1091177    -2.94   0.003     .3900777    .8279788
          b_newpolitymin1 |   .8957418   .0287528    -3.43   0.001     .8411235    .9539067
       b_newpolitymin1sq |   .9790071   .0063965    -3.25   0.001     .9665502    .9916246
      b_newincumbpowerdur |   1.038237   .0175324     2.22   0.026     1.004437    1.073175
            b_newgdppcthl |   .7618133    .075674    -2.74   0.006       .62704    .9255541
              b_newlnoill |   .8946004   .0355349    -2.80   0.005     .8275954    .9670304
    b_newmilexpsold10tile |   1.281244    .089866     3.53   0.000      1.11668    1.470059
                intercept |   .0002244   .0003953    -4.77   0.000     7.11e-06    .0070839
    ------------------------------------------------------------------------------

595 . clear programs
```

```
596 . * Result: All variables statistically significant, with exception of deathtile10
597 .
598 . * ++++++++++++++++++++++++++++++++++++++++
599 . * Visual inspection of potential outliers
600 . * ++++++++++++++++++++++++++++++++++++++++
601 .
602 . * Complete case sample
603 . use revolutionaryepsmicomb.dta, clear

604 . *  Create predictions
605 . quietly: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbp
    > owerdur newgdppcthl newlnoill newmilexpsold10tile if startyear>1899, or nolog

606 . predict pr , pr
    (76 missing values generated)

607 . predict stdres, rstand
    (76 missing values generated)

608 . predict dev, dev
    (76 missing values generated)

609 . predict hat, hat
    (76 missing values generated)

610 . predict dx2, dx2
    (76 missing values generated)

611 . predict dd, dd
    (76 missing values generated)

612 . * Standardized Pearson residuals by predicted probability
613 . scatter stdres pr, mlab(revid)  yline(0)

614 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat1.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat1.pdf written in PDF format)

615 . *       The following are potential outliers:
616 . *               revid 269 (1990 Mongolian Revolution), revid 106 (Solidarity Uprising), revid 195 (Togo 1991 Rev
    > olution)
617 . * Standardized Pearson residuals by revid
618 . scatter stdres revid, mlab(revi)  yline(0)

619 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat2.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat2.pdf written in PDF format)

620 . *       The following are potential outliers:
621 . *               revid 35 (Albanian Uprising of 1924) and revid 106 (Solidarity Uprising)
622 . * Deviance residual by revid
623 . scatter dev revid, mlab(revid)  yline(0)

624 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat3.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat3.pdf written in PDF format)

625 . *       The following are potential outliers:
626 . *               revid 35 (Albanian Uprising of 1924) and revid 106 (Solidarity Uprising)
627 . * Leverage by predicted probability
628 . scatter hat pr, mlab(revid)  yline(0)

629 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat4.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat4.pdf written in PDF format)

630 . *       The following are potential outliers:
631 . *               revid 372 (Second Tuareg Rebellion in Mali) and revid 102 (Iranian Revolution)
632 . * Leverage by revid (with cutoff point of 3 * the mean of leverage)
633 . mean hat

    Mean estimation                   Number of obs   =        212

    --------------------------------------------------------------
                 |       Mean   Std. Err.     [95% Conf. Interval]
    -------------+------------------------------------------------
             hat |   .0518868   .0021241      .0476996     .056074
    --------------------------------------------------------------

634 . matrix coefs = e(b)

635 . local hatmean = 3 * (coefs[1,1])

636 . scatter hat revid, mlab(revid) yline(0) yline(`hatmean')

637 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat5.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat5.pdf written in PDF format)

638 . *       The following are potential outliers:
639 . *               revid 372 (Second Tuareg Rebellion in Mali) and revid 102 (Iranian Revolution)
640 . * Difference of chi-squares
641 . scatter dx2 revid, mlab(revid)
```

```
642 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat6.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat6.pdf written in PDF format)

643 . *       The following are potential outliers:
644 . *       revid 106 (Solidarity Uprising) and revid 35 (Albanian Uprising of 1924)
645 . * Difference of deviances
646 . scatter dd revid, mlab(revid)

647 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat7.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat7.pdf written in PDF format)

648 . *       The following are potential outliers:
649 . *       revid 106 (Solidarity Uprising) and revid 35 (Albanian Uprising of 1924)
650 . * Drop predictions
651 . drop pr stdres dev hat dx2 dd

652 . * Checking to see if dropping potential outliers alters any findings
653 . eststo: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpo
    > werdur newgdppcthl newlnoill newmilexpsold10tile if startyear>1899, or nolog

    Logistic regression                             Number of obs     =        212
                                                    LR chi2(10)       =      96.80
                                                    Prob > chi2       =     0.0000
    Log likelihood = -93.516594                     Pseudo R2         =     0.3410

    ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------
           lnparticnum |    1.62341   .2276605     3.46   0.001     1.233272    2.136964
              urbandum |   56.47999   87.38278     2.61   0.009     2.722461     1171.73
           deathtile10 |   1.284022   .2162003     1.48   0.138     .9231011    1.786058
       urbxdeathtile10 |   .5270382   .1078415    -3.13   0.002     .3529157    .7870698
         newpolitymin1 |   .9141814   .0344588    -2.38   0.017     .8490779    .9842768
       newpolitymin1sq |   .9773756   .0077007    -2.90   0.004     .9623986    .9925858
     newincumbpowerdur |   1.059527    .024634     2.49   0.013     1.012328    1.108925
           newgdppcthl |   .7414142   .0730933    -3.03   0.002     .6111447    .8994515
             newlnoill |   .8828805   .0398304    -2.76   0.006     .8081662    .9645019
    newmilexpsold10tile |   1.288978   .1046416     3.13   0.002     1.099369    1.511289
                  _cons |   .0003419   .0005859    -4.66   0.000     .0000119    .0098311
    ------------------------------------------------------------------------------
    (est1 stored)

654 . eststo: logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpo
    > werdur newgdppcthl newlnoill newmilexpsold10tile if startyear>1899 & revid!=35 & revid~=106 & revid~=372 & revid
    > ~=102 & revid~=269 & revid~=195, or nolog

    Logistic regression                             Number of obs     =        206
                                                    LR chi2(10)       =     113.43
                                                    Prob > chi2       =     0.0000
    Log likelihood = -81.335412                     Pseudo R2         =     0.4108

    ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------
           lnparticnum |   1.713983   .2621542     3.52   0.000     1.270033    2.313119
              urbandum |   214.1264   392.5196     2.93   0.003     5.892702    7780.828
           deathtile10 |   1.400862   .2777931     1.70   0.089      .949731    2.066283
       urbxdeathtile10 |   .4487501   .1059071    -3.40   0.001     .2825641    .7126761
         newpolitymin1 |   .8925072   .0365896    -2.77   0.006     .8235985    .9671813
       newpolitymin1sq |   .9774824   .0082399    -2.70   0.007     .9614652    .9937664
     newincumbpowerdur |   1.066974   .0281701     2.46   0.014     1.013166     1.12364
           newgdppcthl |   .6616967   .0740926    -3.69   0.000     .5313085    .8240834
             newlnoill |   .8563917   .0423534    -3.13   0.002     .7772768    .9435593
    newmilexpsold10tile |   1.445281   .1333175     3.99   0.000     1.206242    1.731689
                  _cons |   .0000577    .000119    -4.73   0.000     1.01e-06    .0032887
    ------------------------------------------------------------------------------
    (est2 stored)

655 . esttab , star (+ 0.10 * 0.05 ** 0.01 *** 0.001) mtitles(All_n No_outl)

    --------------------------------------------
                          (1)             (2)
                        All_n          No_outl
    --------------------------------------------
    success
    lnparticnum          0.485***        0.539***
                        (3.46)          (3.52)

    urbandum             4.034**         5.367**
                        (2.61)          (2.93)

    deathtile10          0.250           0.337+
                        (1.48)          (1.70)

    urbxdeath~10        -0.640**        -0.801***
                       (-3.13)         (-3.40)

    newpolitym~1       -0.0897*         -0.114**
                       (-2.38)         (-2.77)

    newpolitym~q       -0.0229**       -0.0228**
                       (-2.90)         (-2.70)

    newincumbp~r        0.0578*         0.0648*
                        (2.49)          (2.46)

    newgdppcthl         -0.299**        -0.413***
                       (-3.03)         (-3.69)
```

```
    newlnoill          -0.125**        -0.155**
                      (-2.76)         (-3.13)

    newmilexps~e        0.254**         0.368***
                       (3.13)          (3.99)

    _cons              -7.981***       -9.760***
                      (-4.66)         (-4.73)
    ------------------------------------------------
    N                     212             206
    ------------------------------------------------
    t statistics in parentheses
    + p<0.10, * p<0.05, ** p<0.01, *** p<0.001

656 . *       RESULT:  deathtile10 grows marginally significant at the .10 level; otherwise, nothing changes
657 . eststo clear

658 .
659 . * Multiple imputation sample
660 . use revolutionaryepsmicomb.dta, clear

661 . quietly: mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urb
    > xdeathtile10 newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile if starty
    > ear>1899

662 . mi predict xb using miest , xb

663 . mi predict stdp using miest, stdp

664 . scatter  stdp xb, mlab(revid)  yline(0)

665 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat8.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat8.pdf written in PDF format)

666 . *       RESULT: revid 301 (228 Uprising) as potential outlier
667 . *                       revid 249 (El Salvador Revolution of 1944) as potential outlier
668 . *                       revid 184 (Haitian Revolution of 1946) as potential outlier
669 . *                       revid 51 (Guatemalan Revolution) as potential outlier
670 . *                       revid 6 (Young Turk Revolution) as potential outlier
671 . scatter  stdp revid, mlab(revid)  yline(0)

672 . graph export Robustnesstestfiles\Logfiles\robch4tab4_3_scat9.pdf, replace
    (file Robustnesstestfiles\Logfiles\robch4tab4_3_scat9.pdf written in PDF format)

673 . *       RESULT: revid 301 (228 Uprising) as potential outlier
674 . *                       revid 249 (El Salvador Revolution of 1944) as potential outlier
675 . *                       revid 184 (Haitian Revolution of 1946) as potential outlier
676 . *                       revid 51 (Guatemalan Revolution) as potential outlier
677 . *                       revid 6 (Young Turk Revolution) as potential outlier
678 . *                       revid 407 (Sandino Rebellion) as potential outlier
679 . *                       reivd 403 (South Sudanese Civil War) as potential outlier
680 . * Drop predictions
681 . drop xb stdp

682 . * Testing the effect of dropping potential outliers on results in Model 6
683 . eststo: quietly: mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathti
    > le10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile i
    > f startyear>1899 , or
    (est1 stored)

684 . eststo: quietly: mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathti
    > le10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile i
    > f startyear>1899 & revid~=301 & revid~=249 & revid~=184 & revid~=51 & revid~=6 & revid~=407 & revid~=401, or
    (est2 stored)

685 . esttab , star (+ 0.10 * 0.05 ** 0.01 *** 0.001) mtitles(All_n No_outl)

    ------------------------------------------------
                          (1)             (2)
                       All_n         No_outl
    ------------------------------------------------
    success
    lnparticnum         0.535***        0.552***
                       (4.24)          (4.40)

    urbandum            3.589**         3.403*
                       (2.71)          (2.57)

    deathtile10         0.231           0.227
                       (1.54)          (1.51)

    urbxdeath~10       -0.569***       -0.539**
                      (-3.30)         (-3.14)

    newpolitym~1       -0.114**        -0.110**
                      (-3.28)         (-3.12)

    newpolitym~q      -0.0212**       -0.0217**
                      (-3.09)         (-3.11)

    newincumbp~r       0.0356+         0.0365+
                       (1.83)          (1.86)

    newgdppcthl        -0.273**        -0.257**
                      (-3.12)         (-2.93)

    newlnoill          -0.115**        -0.116**
                      (-2.78)         (-2.83)
```

```
newmilexps~e        0.263***        0.260***
                   (3.48)          (3.45)

_cons              -8.480***       -8.591***
                   (-5.46)         (-5.54)
------------------------------------------------
N                     288             281
------------------------------------------------
t statistics in parentheses
+ p<0.10, * p<0.05, ** p<0.01, *** p<0.001

686 . *       RESULT:  No changes in signs and patterns of significance
687 . eststo clear

688 .
689 . * ============================================================================
690 . * FURTHER TESTS FOR OMITTED VARIABLE BIAS
691 . *       using multiple imputation and complete-case samples:
692 . *               pop size, econ growth, youth bulges, rough terrain (for rural
693 . *               episodes only), yrs schooling, soldiers per 1000 pop, civil society
694 . *               index, private ownership of economy, state capacity
695 . * ============================================================================
696 .
697 . ************************
698 . * Population size, t-1
699 . ************************
700 . * Multiple imputation, impact on regime-specific model
701 . clear

702 . use revolutionaryeps.dta

703 . drop if colony==1
(57 observations deleted)

704 . mi set wide

705 . mi xtset, clear

706 . mi stset, clear

707 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newincumbage newgdppcthl newlnoill newmilexp
> sold10tile newcivxmilexp lnpop

708 . tab _mi_miss

    mi miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        192       66.67       66.67
          1 |         96       33.33      100.00
------------+-----------------------------------
      Total |        288      100.00

709 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
> ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
> m, knn(3)) lnpop = success civilwar, add(40) rseed(1234) force dots

Conditional models:
    newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq lnpop
                     newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq lnpop
                     newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
       newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq lnpop
                     newmilexpsold10tile newcivxmilexp success civilwar , ll(0)
     newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq lnpop
                     newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
    newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1 lnpop
                     newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
             lnpop: pmm lnpop newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
    newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                     newpolitymin1sq lnpop newcivxmilexp success civilwar , ll(0) ul(10)
     newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     lnpop newmilexpsold10tile success civilwar , knn(3)

Performing chained iterations:
  imputing m=1 through m=40 .........10.........20.........30.........40 done

Multivariate imputation                     Imputations =       40
Chained equations                                 added =       40
Imputed: m=1 through m=40                       updated =        0

Initialization: monotone                     Iterations =      400
                                                burn-in =       10

     newpolitymin1: predictive mean matching
    newpolitymin~q: predictive mean matching
       newgdppcthl: truncated regression
         newlnoill: predictive mean matching
    newincumbpow~r: predictive mean matching
    newmilexpsol~e: truncated regression
     newcivxmilexp: predictive mean matching
             lnpop: predictive mean matching
```

```
------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
             lnpop |        243           45        45 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

710 . * Bivariate
711 . mi estimate, post dots eform saving(miest, replace): logit success lnpop if startyear>1899

Imputations (40):
  .........10.........20.........30.........40 done

Multiple-imputation estimates                   Imputations       =         40
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0591
                                                Largest FMI       =     0.1060
DF adjustment:   Large sample                   DF:     min       =   3,503.00
                                                        avg       =   3,560.50
                                                        max       =   3,618.00
Model F test:       Equal FMI                   F(   1, 3503.0)   =       0.12
Within VCE type:          OIM                   Prob > F          =     0.7290

------------------------------------------------------------------------------
     success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       lnpop |   .9709759   .0825401    -0.35   0.729     .8219115    1.147075
        cons |   .8022786   .6441573    -0.27   0.784     .1662105    3.872504
------------------------------------------------------------------------------

712 . *       RESULT:  Not significant
713 . * By urban/rural
714 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.lnpop if startyear>1899

Imputations (40):
  .........10.........20.........30.........40 done

Multiple-imputation estimates                   Imputations       =         40
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0450
                                                Largest FMI       =     0.1156
DF adjustment:   Large sample                   DF:     min       =   2,948.65
                                                        avg       =   4,319.01
                                                        max       =   5,795.37
Model F test:       Equal FMI                   F(   3,34207.0)   =       5.11
Within VCE type:          OIM                   Prob > F          =     0.0016

------------------------------------------------------------------------------
         success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----------------+------------------------------------------------------------
        urbandum |
            yes  |   2.626533   4.418156     0.57   0.566     .0971084    71.04098
          lnpop  |   .9457437   .1327074    -0.40   0.691     .7182625    1.245271
                 |
urbandum#c.lnpop |
            yes  |     1.0097   .1808693     0.05   0.957     .7106924    1.434509
                 |
           _cons |   .5400863   .7057194    -0.47   0.637     .0416652    7.000882
------------------------------------------------------------------------------

715 . *       RESULT:  Not significant
716 . * Impact on regime-specific model
717 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
    > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp lnpop if startyear>1899

Imputations (40):
  .........10.........20.........30.........40 done

Multiple-imputation estimates                   Imputations       =         40
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0908
                                                Largest FMI       =     0.1729
DF adjustment:   Large sample                   DF:     min       =   1,324.08
                                                        avg       =   6,513.68
                                                        max       =  29,313.78
Model F test:       Equal FMI                   F(   9,43196.6)   =       5.42
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
             success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
       newpolitymin1 |   .8937375    .029854    -3.36   0.001     .8370646    .9542474
     newpolitymin1sq |   .9782259   .0063046    -3.42   0.001     .9659404    .9906677
   newincumbpowerdur |    1.04518   .0183829     2.51   0.012     1.009762    1.081841
         newgdppcthl |   .8437762   .0656912    -2.18   0.029     .7243613    .9828774
           newlnoill |   .8756681    .035901    -3.24   0.001     .8080409    .9489551
 newmilexpsold10tile |    1.48164   .1372018     4.25   0.000     1.235549    1.776746
            civilwar |   .8493467   .5967244    -0.23   0.816     .2141284    3.368959
       newcivxmilexp |   .8207762   .0997107    -1.63   0.104     .6467305    1.041661
               lnpop |   1.076065   .1235058     0.64   0.523     .8591388    1.347764
               _cons |   .1804925   .2088926    -1.48   0.139     .0186543    1.746382
```

```
. *       RESULT:  Not significant
.
. * Multiple imputation, impact on opposition-specific model
. clear

. use revolutionaryeps.dta

. * generate urbxdeathtile10 = urbandum * deathtile10
. mi set wide

. mi xtset, clear

. mi stset, clear

. mi register imputed lnparticnum deathtile10 urbxdeathtile10 lnpop

. tab _mi_miss

    mi miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        266       77.10       77.10
          1 |         79       22.90      100.00
------------+-----------------------------------
      Total |        345      100.00

. mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
> pmm, knn(3)) lnpop = success urbandum democrat antimonarch, add(30) rseed(1234) force dots

Conditional models:
       deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum lnpop success urbandum democrat antimonarch
                     , ll(0) ul(10)
    urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum lnpop success urbandum democrat antimonarch ,
                     knn(3)
       lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 lnpop success urbandum democrat antimonarch ,
                     knn(3)
             lnpop: pmm lnpop deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat antimonarch ,
                     knn(3)

Performing chained iterations:
  imputing m=1 through m=30 .........10.........20.........30 done

Multivariate imputation                     Imputations =       30
Chained equations                                 added =       30
Imputed: m=1 through m=30                       updated =        0

Initialization: monotone                     Iterations =      300
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
             lnpop: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+-----------
       lnparticnum |        322           23        23 |       345
       deathtile10 |        327           18        18 |       345
    urbxdeathti~10 |        327           18        18 |       345
             lnpop |        299           46        46 |       345
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

. mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
> e10  democrat antimonarch lnpop if startyear>1899

Imputations (30):
  .........10.........20.........30 done

Multiple-imputation estimates                   Imputations       =         30
Logistic regression                             Number of obs     =        343
                                                Average RVI       =     0.0252
                                                Largest FMI       =     0.0998
DF adjustment:   Large sample                   DF:     min       =   2,949.35
                                                        avg       = 116,517.40
                                                        max       = 333,924.13
Model F test:       Equal FMI                   F(   7,266383.7)  =       8.09
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
        success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
    lnparticnum |   1.407074    .142628     3.37   0.001     1.153452    1.716463
       urbandum |   18.83056   19.54858     2.83   0.005     2.461448    144.0575
    deathtile10 |   1.332438   .1553404     2.46   0.014     1.060253    1.674496
urbxdeathtile10 |   .6011843   .0823439    -3.72   0.000     .4596399    .7863169
       democrat |   2.707506    .951261     2.83   0.005     1.359893    5.390562
    antimonarch |   2.430287   1.106171     1.95   0.051     .9959158    5.930515
          lnpop |   .8904569   .0824518    -1.25   0.210     .7426417    1.067693
          _cons |   .0033885   .0040133    -4.80   0.000     .0003325    .0345277
------------------------------------------------------------------------------
```

```
731 . *       RESULT:  Not significant.
732 .
733 . * Complete-case sample
734 . clear

735 . use revolutionaryeps.dta, clear

736 . * Bivariate relationships
737 . * Population size, t-1
738 . logit success lnpop if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        243
                                                LR chi2(1)        =       0.03
                                                Prob > chi2       =     0.8517
Log likelihood = -166.16962                     Pseudo R2         =     0.0001

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       lnpop |   .9839457   .0852222    -0.19   0.852     .8303215    1.165993
        cons |   .8846404   .7224891    -0.15   0.881     .1784791    4.384764
------------------------------------------------------------------------------

739 . *       RESULT:  Not significant
740 . * Population size, by urban/rural
741 . logit success i.urbandum##c.lnpop if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        243
                                                LR chi2(3)        =       6.39
                                                Prob > chi2       =     0.0941
Log likelihood = -162.99148                     Pseudo R2         =     0.0192

------------------------------------------------------------------------------
         success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------+------------------------------------------------------------
        urbandum |
            yes  |   2.208146   3.761555     0.47   0.642     .0783455    62.23594
          lnpop  |    .973817    .138778    -0.19   0.852     .7365008    1.287602
                 |
urbandum#c.lnpop |
            yes  |   .9898406   .1799629    -0.06   0.955     .6931199    1.413586
                 |
           _cons |   .6155503   .8147515    -0.37   0.714     .0459833    8.239988
------------------------------------------------------------------------------

742 . *       RESULT:  Not significant
743 . * Impact on regime-specific model
744 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
    >  newcivxmilexp lnpop if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        193
                                                LR chi2(9)        =      60.48
                                                Prob > chi2       =     0.0000
Log likelihood =  -101.9147                     Pseudo R2         =     0.2288

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
      newpolitymin1 |   .9020725   .0336443    -2.76   0.006     .8384834    .9704841
    newpolitymin1sq |   .9757692   .0073093    -3.27   0.001     .9615479    .9902008
  newincumbpowerdur |   1.061428   .0228155     2.77   0.006      1.01764    1.107101
        newgdppcthl |   .8101248   .0723988    -2.36   0.018     .6799582    .9652095
          newlnoill |   .8490697   .0412615    -3.37   0.001     .7719306    .9339174
newmilexpsold10tile |    1.56923   .1604769     4.41   0.000     1.284218    1.917496
           civilwar |    1.83485   1.486089     0.75   0.454     .3751389    8.974476
      newcivxmilexp |   .7368106   .1050054    -2.14   0.032     .5572477    .9742344
              lnpop |   1.103648   .1490334     0.73   0.465     .8470064    1.438051
              _cons |   .1370481   .1865557    -1.46   0.144      .00951    1.974988
------------------------------------------------------------------------------

745 . *       RESULT:  Not significant and changes no signs or patterns of significance
746 . * Impact on opposition-specific model
747 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10  democrat antimonarch lnpop if startyear>1899, or
    >  nolog

Logistic regression                             Number of obs     =        264
                                                LR chi2(7)        =      41.08
                                                Prob > chi2       =     0.0000
Log likelihood = -157.68704                     Pseudo R2         =     0.1152

------------------------------------------------------------------------------
        success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
    lnparticnum |   1.324396   .1331305     2.79   0.005     1.087561    1.612806
       urbandum |   6.706125   7.043428     1.81   0.070     .8559662    52.53959
    deathtile10 |   1.231546   .1449968     1.77   0.077     .9777637    1.551198
urbxdeathtile10 |   .6736827   .0942542    -2.82   0.005     .5121118    .8862291
       democrat |   2.451615   .9165727     2.40   0.016     1.178197    5.101367
    antimonarch |   2.039206   .9944724     1.46   0.144     .7840621    5.303614
          lnpop |   .9327413   .0879766    -0.74   0.460     .7753102     1.12214
          _cons |   .0110535   .0131901    -3.78   0.000      .001066    .1146121
------------------------------------------------------------------------------
```

```
748 . *       RESULT:  Not significant.
749 .
750 .
751 . **********************
752 . * Economic growth, t-1
753 . **********************
754 . * Multiple imputation, impact on regime-specific model
755 . clear

756 . use revolutionaryeps.dta

757 . drop if colony==1
    (57 observations deleted)

758 . mi set wide

759 . mi xtset, clear

760 . mi stset, clear

761 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newincumbage newgdppcthl newlnoill newmilexp
    > sold10tile newcivxmilexp gdpgrow1yr

762 . tab _mi_miss

    _mi_miss |      Freq.     Percent        Cum.
-------------+-----------------------------------
           0 |        145       50.35       50.35
           1 |        143       49.65      100.00
-------------+-----------------------------------
       Total |        288      100.00

763 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
    > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
    > m, knn(3)) gdpgrow1yr = success civilwar, add(50) rseed(1234) force dots

    Conditional models:
        newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp gdpgrow1yr success civilwar , knn(3)
             newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp gdpgrow1yr success civilwar , knn(3)
           newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp gdpgrow1yr success civilwar , ll(0)
         newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp gdpgrow1yr success civilwar , knn(3)
        newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                        newmilexpsold10tile newcivxmilexp gdpgrow1yr success civilwar , knn(3)
        newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                        newpolitymin1sq newcivxmilexp gdpgrow1yr success civilwar , ll(0) ul(10)
         newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile gdpgrow1yr success civilwar , knn(3)
            gdpgrow1yr: pmm gdpgrow1yr newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp success civilwar , knn(3)

    Performing chained iterations:
      imputing m=1 through m=50 .........10.........20.........30.........40.........50 done

    Multivariate imputation                     Imputations =       50
    Chained equations                                 added =       50
    Imputed: m=1 through m=50                       updated =        0

    Initialization: monotone                     Iterations =      500
                                                    burn-in =       10

         newpolitymin1: predictive mean matching
        newpolitymin~q: predictive mean matching
           newgdppcthl: truncated regression
             newlnoill: predictive mean matching
        newincumbpow~r: predictive mean matching
        newmilexpsol~e: truncated regression
         newcivxmilexp: predictive mean matching
            gdpgrow1yr: predictive mean matching

    ------------------------------------------------------------------------
                        |               Observations per m
                        |-----------------------------------------------
                 Variable |   Complete   Incomplete   Imputed |     Total
    --------------------+-----------------------------------+-----------
         newpolitymin1 |        276           12        12 |       288
        newpolitymin~q |        276           12        12 |       288
           newgdppcthl |        283            5         5 |       288
             newlnoill |        285            3         3 |       288
        newincumbpow~r |        286            2         2 |       288
        newmilexpsol~e |        240           48        48 |       288
         newcivxmilexp |        240           48        48 |       288
            gdpgrow1yr |        165          123       123 |       288
    ------------------------------------------------------------------------
    (complete + incomplete = total; imputed is the minimum across m
     of the number of filled-in observations.)
```

```
764 . * Bivariate
765 . mi estimate, post dots eform saving(miest, replace): logit success gdpgrow1yr if startyear>1899

    Imputations (50):
      .........10.........20.........30.........40.........50 done

    Multiple-imputation estimates                   Imputations       =         50
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.3384
                                                    Largest FMI       =     0.4070
    DF adjustment:   Large sample                   DF:     min       =     301.61
                                                            avg       =   2,772.89
                                                            max       =   5,244.18
    Model F test:       Equal FMI                   F(   1,  301.6)   =       0.36
    Within VCE type:          OIM                   Prob > F          =     0.5479

    ------------------------------------------------------------------------------
         success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
      gdpgrow1yr |    .996378   .0060103    -0.60   0.548     .9846205    1.008276
            cons |   .6348158   .0885195    -3.26   0.001     .4829784    .8343874
    ------------------------------------------------------------------------------

766 . *       RESULT:  Not significant
767 . * By urban/rural
768 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.gdpgrow1yr if startyear>1899

    Imputations (50):
      .........10.........20.........30.........40.........50 done

    Multiple-imputation estimates                   Imputations       =         50
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.2070
                                                    Largest FMI       =     0.3438
    DF adjustment:   Large sample                   DF:     min       =     422.17
                                                            avg       =   4,739.93
                                                            max       =  13,103.62
    Model F test:       Equal FMI                   F(   3, 3005.5)   =       4.24
    Within VCE type:          OIM                   Prob > F          =     0.0053

    ------------------------------------------------------------------------------------------
                    success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    ------------------------+-----------------------------------------------------------------
                 urbandum |
                     yes  |   2.655361   .7857839     3.30   0.001     1.486653    4.742829
                gdpgrow1yr |   .9922358   .0117977    -0.66   0.512     .9693152    1.015698
                           |
    urbandum#c.gdpgrow1yr |
                     yes  |   1.006211   .0129061     0.48   0.629     .9811928    1.031868
                           |
                   _cons |   .3520927   .0863753    -4.26   0.000     .2176638     .569545
    ------------------------------------------------------------------------------------------

769 . *       RESULT:  Not significant
770 . * Impact on regime-specific model
771 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
    > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp gdpgrow1yr if startyear>1899

    Imputations (50):
      .........10.........20.........30.........40.........50 done

    Multiple-imputation estimates                   Imputations       =         50
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.1240
                                                    Largest FMI       =     0.3311
    DF adjustment:   Large sample                   DF:     min       =     455.02
                                                            avg       =  12,857.20
                                                            max       =  52,273.13
    Model F test:       Equal FMI                   F(   9,30757.3)   =       5.28
    Within VCE type:          OIM                   Prob > F          =     0.0000

    ------------------------------------------------------------------------------------------
                success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------------------
          newpolitymin1 |   .8914677   .0290104    -3.53   0.000      .836375    .9501895
        newpolitymin1sq |   .9783308   .0064828    -3.31   0.001     .9657005    .9911264
      newincumbpowerdur |   1.047057   .0183229     2.63   0.009     1.011753    1.083593
            newgdppcthl |   .8493341   .0681429    -2.04   0.042     .7257352    .9939828
              newlnoill |   .8827177   .0322414    -3.42   0.001     .8217329    .9482284
    newmilexpsold10tile |   1.481173   .1385198     4.20   0.000     1.232935    1.779392
                civilwar |   .8892956   .6308747    -0.17   0.869     .2212062    3.575157
          newcivxmilexp |   .8144922   .0992567    -1.68   0.092     .6413171     1.03443
             gdpgrow1yr |   .9957973   .0065301    -0.64   0.521     .9830467    1.008713
                  _cons |   .3515713   .1654574    -2.22   0.026     .1397363    .8845405
    ------------------------------------------------------------------------------------------

772 . *       RESULT:  Not significant
773 .
774 . * Multiple imputation, impact on opposition-specific model
```

```
775 . clear

776 . use revolutionaryeps.dta

777 . mi set wide

778 . mi xtset, clear

779 . mi stset, clear

780 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 gdpgrow1yr

781 . tab _mi_miss

    _mi_miss |      Freq.     Percent        Cum.
-------------+-----------------------------------
           0 |        158       45.80       45.80
           1 |        187       54.20      100.00
-------------+-----------------------------------
       Total |        345      100.00

782 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
> pmm, knn(3)) gdpgrow1yr = success urbandum democrat antimonarch, add(50) rseed(1234) force dots

Conditional models:
       deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum gdpgrow1yr success urbandum democrat
                     antimonarch , ll(0) ul(10)
    urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum gdpgrow1yr success urbandum democrat antimonarch
                     , knn(3)
       lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 gdpgrow1yr success urbandum democrat antimonarch
                     , knn(3)
        gdpgrow1yr: pmm gdpgrow1yr deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat antimonarch
                     , knn(3)

Performing chained iterations:
  imputing m=1 through m=50 .........10.........20.........30.........40.........50 done

Multivariate imputation                     Imputations =       50
Chained equations                                 added =       50
Imputed: m=1 through m=50                       updated =        0

Initialization: monotone                     Iterations =      500
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
        gdpgrow1yr: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+----------
       lnparticnum |        322           23        23 |       345
       deathtile10 |        327           18        18 |       345
    urbxdeathti~10 |        327           18        18 |       345
        gdpgrow1yr |        179          166       166 |       345
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

783 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
> e10  democrat antimonarch gdpgrow1yr if startyear>1899

Imputations (50):
  .........10.........20.........30.........40.........50 done

Multiple-imputation estimates                   Imputations       =         50
Logistic regression                             Number of obs     =        343
                                                Average RVI       =     0.0654
                                                Largest FMI       =     0.2849
DF adjustment:   Large sample                   DF:     min       =     613.81
                                                        avg       = 251,451.45
                                                        max       = 547,309.73
Model F test:       Equal FMI                   F(   7,71412.7)   =       7.87
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
     success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  lnparticnum |   1.365745   .1245145     3.42   0.001     1.142239    1.632987
     urbandum |   18.65629   19.34675     2.82   0.005     2.444099    142.4072
  deathtile10 |   1.335615   .1561422     2.48   0.013     1.062111    1.679549
urbxdeathtile10 |   .5957489   .0815377    -3.78   0.000     .4555777    .7790476
     democrat |   2.800404   .9854616     2.93   0.003     1.405018     5.58161
  antimonarch |   2.547335   1.168733     2.04   0.042     1.036443    6.260758
   gdpgrow1yr |   .9925979    .005948    -1.24   0.216     .9809856    1.004348
        _cons |   .0017464   .0019504    -5.69   0.000     .0001956    .0155881
------------------------------------------------------------------------------
```

```
784 . *       RESULT:  Not significant
785 .
786 . * Complete-case sample
787 . clear

788 . use revolutionaryeps.dta

789 . * Bivariate relationships
790 . * Economic growth, t-1
791 . logit success gdpgrow1yr if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        165
                                                LR chi2(1)        =       0.89
                                                Prob > chi2       =     0.3461
Log likelihood = -112.31725                     Pseudo R2         =     0.0039

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  gdpgrow1yr |   .9945096   .0059753    -0.92   0.360     .9828669     1.00629
        cons |   .8050755   .1376988    -1.27   0.205     .5757694    1.125705
------------------------------------------------------------------------------

792 . *       RESULT:  Not significant
793 . * Economic growth, by urban/rural
794 . logit success i.urbandum##c.gdpgrow1yr if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        165
                                                LR chi2(3)        =       2.73
                                                Prob > chi2       =     0.4352
Log likelihood = -111.39624                     Pseudo R2         =     0.0121

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
            urbandum |
                yes  |   1.185252   .4448351     0.45   0.651     .5679994    2.473283
          gdpgrow1yr |   .9850697   .0125211    -1.18   0.237      .960832    1.009919
                     |
urbandum#c.gdpgrow1yr |
                yes  |   1.013269   .0145463     0.92   0.359     .9851561    1.042184
                     |
               _cons |   .7293514    .229382    -1.00   0.316     .3937611    1.350955
------------------------------------------------------------------------------

795 . *       RESULT:  Not significant
796 . * Impact on regime-specific model
797 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
>  newcivxmilexp gdpgrow1yr if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        146
                                                LR chi2(9)        =      41.81
                                                Prob > chi2       =     0.0000
Log likelihood = -78.922344                     Pseudo R2         =     0.2094

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
       newpolitymin1 |   .9117632   .0374405    -2.25   0.024     .8412564    .9881792
     newpolitymin1sq |   .9830457   .0081164    -2.07   0.038     .9672658    .9990829
   newincumbpowerdur |   1.058093   .0275931     2.17   0.030      1.00537     1.11358
         newgdppcthl |   .7787402   .0852514    -2.28   0.022     .6283601    .9651094
           newlnoill |   .8621433   .0456524    -2.80   0.005     .7771528    .9564285
 newmilexpsold10tile |   1.478132   .1769641     3.26   0.001     1.168978    1.869048
            civilwar |   1.405351   1.326958     0.36   0.719     .2208333    8.943447
       newcivxmilexp |   .7531146   .1272389    -1.68   0.093     .5408171     1.04875
          gdpgrow1yr |   .9946064   .0068282    -0.79   0.431     .9813131     1.00808
               _cons |   .4848786   .2912597    -1.21   0.228     .1493923    1.573757
------------------------------------------------------------------------------

798 . *       RESULT:  Not significant
799 . * Impact on opposition-specific model
800 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10  democrat antimonarch gdpgrow1yr if startyear>189
> 9, or nolog

Logistic regression                             Number of obs     =        158
                                                LR chi2(7)        =      26.07
                                                Prob > chi2       =     0.0005
Log likelihood = -94.947913                     Pseudo R2         =     0.1207

------------------------------------------------------------------------------
        success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
    lnparticnum |   1.245184   .1493229     1.83   0.067     .9843676    1.575107
       urbandum |   6.691898   9.928534     1.28   0.200     .3653014    122.5878
    deathtile10 |   1.275894   .2048674     1.52   0.129     .9314059    1.747793
urbxdeathtile10 |   .6149186   .1198573    -2.49   0.013     .4196672    .9010113
       democrat |   2.851396   1.374976     2.17   0.030     1.108149    7.336969
    antimonarch |   3.029341   1.981871     1.69   0.090     .8403708    10.92007
     gdpgrow1yr |    .992545   .0066037    -1.12   0.261      .979686    1.005573
          _cons |      .0121   .0181788    -2.94   0.003     .0006367    .2299405
------------------------------------------------------------------------------
```

```
. *       RESULT:  Not significant
.
.
. ************************
. * Youth bulge (under 15)
. ************************
. * Multiple imputation, impact on regime-specific model
. clear

. use revolutionaryeps.dta

. drop if colony==1
(57 observations deleted)

. mi set wide

. mi xtset, clear

. mi stset, clear

. mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newincumbage newgdppcthl newlnoill newmilexp
> sold10tile newcivxmilexp percunder15

. tab _mi_miss

    _mi_miss |      Freq.     Percent        Cum.
-------------+-----------------------------------
           0 |        130       45.14       45.14
           1 |        158       54.86      100.00
-------------+-----------------------------------
       Total |        288      100.00

. mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
> ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
> m, knn(3)) percunder15 = success civilwar, add(60) rseed(1234) force dots

Conditional models:
    newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp percunder15 success civilwar , knn(3)
         newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp percunder15 success civilwar , knn(3)
       newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp percunder15 success civilwar , ll(0)
     newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp percunder15 success civilwar , knn(3)
    newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                     newmilexpsold10tile newcivxmilexp percunder15 success civilwar , knn(3)
    newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                     newpolitymin1sq newcivxmilexp percunder15 success civilwar , ll(0) ul(10)
     newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile percunder15 success civilwar , knn(3)
       percunder15: pmm percunder15 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp success civilwar , knn(3)

Performing chained iterations:
  imputing m=1 through m=60 .........10.........20.........30.........40.........50.........60 done

Multivariate imputation                     Imputations =       60
Chained equations                                 added =       60
Imputed: m=1 through m=60                       updated =        0

Initialization: monotone                     Iterations =      600
                                                burn-in =       10

     newpolitymin1: predictive mean matching
    newpolitymin~q: predictive mean matching
       newgdppcthl: truncated regression
         newlnoill: predictive mean matching
    newincumbpow~r: predictive mean matching
    newmilexpsol~e: truncated regression
     newcivxmilexp: predictive mean matching
       percunder15: predictive mean matching

------------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+-----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
       percunder15 |        147          141       141 |       288
------------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)
```

```
817 . * Bivariate
818 . mi estimate, post dots eform saving(miest, replace): logit success percunder15 if startyear>1899

    Imputations (60):
      .........10.........20.........30.........40.........50.........60 done

    Multiple-imputation estimates                   Imputations       =         60
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.1467
                                                    Largest FMI       =     0.2269
    DF adjustment:   Large sample                   DF:     min       =   1,159.41
                                                            avg       =   1,200.20
                                                            max       =   1,240.99
    Model F test:       Equal FMI                   F(   1, 1159.4)   =       1.72
    Within VCE type:          OIM                   Prob > F          =     0.1905

    ------------------------------------------------------------------------------
         success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
     percunder15 |     .98058   .0146814    -1.31   0.191     .9521939    1.009812
            cons |   1.330202    .807669     0.47   0.638     .4041869    4.377768
    ------------------------------------------------------------------------------

820 . *       RESULT:  Not significant
821 . * By urban/rural
822 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.percunder15 if startyear>1899

    Imputations (60):
      .........10.........20.........30.........40.........50.........60 done

    Multiple-imputation estimates                   Imputations       =         60
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.1912
                                                    Largest FMI       =     0.3340
    DF adjustment:   Large sample                   DF:     min       =     536.87
                                                            avg       =     606.47
                                                            max       =     671.11
    Model F test:       Equal FMI                   F(   3, 4157.4)   =       4.38
    Within VCE type:          OIM                   Prob > F          =     0.0044

    ------------------------------------------------------------------------------------
                   success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -----------------------+------------------------------------------------------------
                  urbandum |
                      yes  |   16.26723   36.24857     1.25   0.211     .2046938    1292.774
               percunder15 |   1.036634   .0496274     0.75   0.453     .9435896    1.138853
                           |
    urbandum#c.percunder15 |
                      yes  |   .9611063   .0483123    -0.79   0.430      .870776    1.060807
                           |
                    _cons |   .0647805   .1396091    -1.27   0.205     .0009397    4.465797
    ------------------------------------------------------------------------------------

823 . *       RESULT:  Not significant
824 . * Impact on regime-specific model
825 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
    > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp percunder15 if startyear>1899

    Imputations (60):
      .........10.........20.........30.........40.........50.........60 done

    Multiple-imputation estimates                   Imputations       =         60
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.1397
                                                    Largest FMI       =     0.3898
    DF adjustment:   Large sample                   DF:     min       =     394.42
                                                            avg       =   7,466.98
                                                            max       =  30,793.68
    Model F test:       Equal FMI                   F(   9,30145.3)   =       5.13
    Within VCE type:          OIM                   Prob > F          =     0.0000

    ------------------------------------------------------------------------------------
                success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------------
          newpolitymin1 |   .8946711   .0289225    -3.44   0.001     .8397348    .9532014
        newpolitymin1sq |   .9775039   .0063396    -3.51   0.000     .9651531    .9900127
      newincumbpowerdur |   1.046765   .0185091     2.58   0.010     1.011108    1.083679
            newgdppcthl |   .8539893      .0816    -1.65   0.099     .7080681    1.029982
              newlnoill |   .8849534   .0325274    -3.33   0.001     .8234402    .9510619
    newmilexpsold10tile |   1.485136   .1439606     4.08   0.000     1.227934    1.796212
                civilwar |    .967179   .6871031    -0.05   0.963     .2401267     3.89559
          newcivxmilexp |    .797728   .1024236    -1.76   0.079     .6200949    1.026246
            percunder15 |   1.006061   .0281551     0.22   0.829     .9522034    1.062965
                  _cons |   .2653375   .3730425    -0.94   0.346     .0167423    4.205163
    ------------------------------------------------------------------------------------

826 . *       RESULT:  Not significant
827 .
828 . * Multiple imputation, impact on opposition-specific model
```

```
828 . clear

829 . use revolutionaryeps.dta

830 . mi set wide

831 . mi xtset, clear

832 . mi stset, clear

833 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 percunder15

834 . tab _mi_miss

    _mi_miss |      Freq.     Percent        Cum.
-------------+-----------------------------------
           0 |        149       43.19       43.19
           1 |        196       56.81      100.00
-------------+-----------------------------------
       Total |        345      100.00

835 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
> pmm, knn(3)) percunder15 = success urbandum democrat antimonarch, add(60) rseed(1234) force dots

Conditional models:
       deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum percunder15 success urbandum democrat
                    antimonarch , ll(0) ul(10)
    urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum percunder15 success urbandum democrat
                    antimonarch , knn(3)
       lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 percunder15 success urbandum democrat
                    antimonarch , knn(3)
       percunder15: pmm percunder15 deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat
                    antimonarch , knn(3)

Performing chained iterations:
  imputing m=1 through m=60 .........10.........20.........30.........40.........50.........60 done

Multivariate imputation                     Imputations =       60
Chained equations                                 added =       60
Imputed: m=1 through m=60                       updated =        0

Initialization: monotone                     Iterations =      600
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
       percunder15: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m
                  |----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+----------
       lnparticnum |        322           23        23 |       345
       deathtile10 |        327           18        18 |       345
    urbxdeathti~10 |        327           18        18 |       345
       percunder15 |        157          188       188 |       345
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

836 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
> e10  democrat antimonarch percunder15 if startyear>1899

Imputations (60):
  .........10.........20.........30.........40.........50.........60 done

Multiple-imputation estimates                   Imputations       =         60
Logistic regression                             Number of obs     =        343
                                                Average RVI       =     0.1375
                                                Largest FMI       =     0.4557
DF adjustment:   Large sample                   DF:     min       =     288.91
                                                        avg       =  22,642.99
                                                        max       =  57,541.65
Model F test:       Equal FMI                   F(   7,22919.7)   =       7.60
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
        success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
    lnparticnum |   1.457476   .1454201     3.78   0.000     1.198541    1.772352
       urbandum |   19.00881   20.05269     2.79   0.005     2.404226    150.2915
    deathtile10 |   1.261745   .1518496     1.93   0.053     .9966114    1.597413
urbxdeathtile10 |   .6011446   .0839389    -3.64   0.000     .4572144    .7903837
       democrat |   2.834374   1.024755     2.88   0.004     1.395412    5.757204
    antimonarch |   2.115232   1.000577     1.58   0.113     .8369302    5.345971
    percunder15 |   1.043756   .0240379     1.86   0.064     .9975011    1.092157
          _cons |   .0002019   .0003328    -5.16   0.000     7.95e-06    .0051276
------------------------------------------------------------------------------
```

```
837 . *       RESULT:  Statistically significant at the .05 level, urbandum grows insignificant, no changes in signs o
    > r other patterns of significance
838 .
839 . * Multiple imputation, impact on combined reduced model
840 . clear

841 . use revolutionaryeps.dta

842 . drop if colony==1
    (57 observations deleted)

843 . mi set wide

844 . mi xtset, clear

845 . mi stset, clear

846 . mi register imputed newpolitymin1 newpolitymin1sq newgdppcthl newlnoill newincumbpowerdur newmilexpsold10tile ne
    > wcivxmilexp lnparticnum deathtile10 urbxdeathtile10 percunder15

847 . tab _mi_miss

       _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
              0 |        123       42.71       42.71
              1 |        165       57.29      100.00
------------+-----------------------------------
          Total |        288      100.00

848 . * Impute
849 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
    > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
    > m, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (pmm, knn(3)) percunde
    > r15 = success civilwar urbandum democrat antimonarch, add(60) rseed(1234) force dots

    Conditional models:
        newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , knn(3)
              newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , knn(3)
           newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , ll(0)
         newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , knn(3)
        newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1 deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , knn(3)
           deathtile10: truncreg deathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , ll(0) ul(10)
        urbxdeathti~10: pmm urbxdeathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 lnparticnum newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , knn(3)
           lnparticnum: pmm lnparticnum newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 urbxdeathtile10 newmilexpsold10tile newcivxmilexp percunder15 success civilwar
                         urbandum democrat antimonarch , knn(3)
        newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                         newpolitymin1sq deathtile10 urbxdeathtile10 lnparticnum newcivxmilexp percunder15 success
                         civilwar urbandum democrat antimonarch , ll(0) ul(10)
         newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile percunder15 success civilwar
                         urbandum democrat antimonarch , knn(3)
           percunder15: pmm percunder15 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                         urbandum democrat antimonarch , knn(3)

    Performing chained iterations:
      imputing m=1 through m=60 .........10.........20.........30.........40.........50.........60 done

    Multivariate imputation                     Imputations =       60
    Chained equations                                 added =       60
    Imputed: m=1 through m=60                       updated =        0

    Initialization: monotone                     Iterations =      600
                                                    burn-in =       10

         newpolitymin1: predictive mean matching
        newpolitymin~q: predictive mean matching
           newgdppcthl: truncated regression
              newlnoill: predictive mean matching
        newincumbpow~r: predictive mean matching
        newmilexpsol~e: truncated regression
         newcivxmilexp: predictive mean matching
           lnparticnum: predictive mean matching
           deathtile10: truncated regression
        urbxdeathti~10: predictive mean matching
           percunder15: predictive mean matching
```

```
------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
       lnparticnum |        267           21        21 |       288
       deathtile10 |        275           13        13 |       288
    urbxdeathti~10 |        275           13        13 |       288
       percunder15 |        147          141       141 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

850 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
    > e10  newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile percunder15 if st
    > artyear>1899

Imputations (60):
  .........10.........20.........30.........40.........50.........60 done

Multiple-imputation estimates                   Imputations       =         60
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0973
                                                Largest FMI       =     0.3039
DF adjustment:   Large sample                   DF:     min       =     648.14
                                                        avg       =  22,916.00
                                                        max       =  81,813.75
Model F test:       Equal FMI                   F(  11,72787.1)   =       5.54
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
             success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
         lnparticnum |   1.718837    .213313     4.36   0.000      1.34769    2.192195
            urbandum |   33.71287   44.36116     2.67   0.008     2.556906     444.505
         deathtile10 |   1.242136   .1878783     1.43   0.152     .9234592    1.670786
     urbxdeathtile10 |   .5755816   .0982592    -3.24   0.001     .4119018    .8043037
       newpolitymin1 |   .8918086   .0316167    -3.23   0.001     .8319332    .9559933
     newpolitymin1sq |   .9785601   .0066422    -3.19   0.001     .9656253    .9916682
   newincumbpowerdur |   1.038099    .020445     1.90   0.058     .9987886    1.078956
         newgdppcthl |   .7815736   .0817715    -2.36   0.019     .6366092    .9595483
           newlnoill |   .8910288   .0363498    -2.83   0.005     .8225564    .9652011
 newmilexpsold10tile |   1.297587    .099665     3.39   0.001     1.116095    1.508594
         percunder15 |   1.013159   .0290918     0.46   0.649      .957614    1.071926
               _cons |   .0001192   .0002465    -4.37   0.000     2.07e-06    .0068691
------------------------------------------------------------------------------

851 . *       RESULT:  Not significant
852 .
853 . * Complete-case sample
854 . clear

855 . use revolutionaryeps.dta

856 . * Youth bulge (under 15)--cases severely reduced
857 . * Bivariate relationships
858 . logit success percunder15 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        147
                                                LR chi2(1)        =       0.05
                                                Prob > chi2       =     0.8206
Log likelihood = -101.86352                     Pseudo R2         =     0.0003

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 percunder15 |   .9962457   .0165262    -0.23   0.821     .9643759    1.029169
       _cons |   1.139749   .7498603     0.20   0.842     .3138983    4.138369
------------------------------------------------------------------------------

859 . *       RESULT:  Not significant
860 . * Youth bulge (under 15), by urban/rural
861 . logit success i.urbandum##c.percunder15 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        147
                                                LR chi2(3)        =       5.71
                                                Prob > chi2       =     0.1266
Log likelihood = -99.034265                     Pseudo R2         =     0.0280

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
            urbandum |
                yes  |     32.895   104.6769     1.10   0.272     .0643394    16818.34
         percunder15 |    1.07354   .0724513     1.05   0.293     .9405293    1.225362
                     |
urbandum#c.percunder15 |
                yes  |   .9437981   .0665239    -0.82   0.412     .8220191    1.083618
                     |
               _cons |     .02421   .0749643    -1.20   0.229      .000056    10.46336
------------------------------------------------------------------------------
```

```
862 . *       RESULT:  Marginally significant for rural revolutions
863 . * Impact on regime-specific model
864 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
    >  newcivxmilexp percunder15 if startyear>1899 & colony==0, or nolog

    Logistic regression                             Number of obs     =        130
                                                    LR chi2(9)        =      42.07
                                                    Prob > chi2       =     0.0000
    Log likelihood = -69.076628                     Pseudo R2         =     0.2334

    ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------
          newpolitymin1 |   .9151862   .0401354    -2.02   0.043     .8398082    .9973299
        newpolitymin1sq |   .9773472   .0088419    -2.53   0.011     .9601701    .9948315
      newincumbpowerdur |   1.063275   .0273983     2.38   0.017     1.010909    1.118354
            newgdppcthl |   .8050622   .1008645    -1.73   0.084     .6297733     1.02914
              newlnoill |   .8447869   .0455484    -3.13   0.002     .7600687    .9389478
    newmilexpsold10tile |   1.348355   .1998306     2.02   0.044     1.008448    1.802832
                civilwar |   .3681047   .4594621    -0.80   0.423     .0318798    4.250372
          newcivxmilexp |   .8736544    .172244    -0.69   0.493     .5936388    1.285751
            percunder15 |    1.00751   .0325898     0.23   0.817     .9456181    1.073453
                  _cons |   .9713008   1.643427    -0.02   0.986     .0352479    26.76544
    ------------------------------------------------------------------------------

865 . *       RESULT:  Not significant
866 . * Impact on opposition-specific model
867 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch percunder15 if startyear>189
    > 9, or nolog

    Logistic regression                             Number of obs     =        149
                                                    LR chi2(7)        =      23.14
                                                    Prob > chi2       =     0.0016
    Log likelihood = -91.623476                     Pseudo R2         =     0.1121

    ------------------------------------------------------------------------------
            success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ----------------+-------------------------------------------------------------
        lnparticnum |   1.420326   .1974457     2.52   0.012      1.08158    1.865165
           urbandum |   4.307609   6.685658     0.94   0.347      .205647    90.22983
        deathtile10 |   1.077513   .1838383     0.44   0.662     .7712514     1.50539
    urbxdeathtile10 |   .7304054   .1414202    -1.62   0.105      .499753    1.067512
           democrat |   1.688193   .8494231     1.04   0.298     .6297026    4.525938
        antimonarch |   .7799284   .5647111    -0.34   0.731     .1886852    3.223826
        percunder15 |   1.047761   .0249212     1.96   0.050     1.000038    1.097763
                cons |   .0018234   .0036889    -3.12   0.002     .0000346    .0961475
    ------------------------------------------------------------------------------

868 . *       RESULT:  Significant, and all variables grow insignificant except lnparticnum
869 . * Impact on combined reduced model
870 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpowerdur n
    > ewgdppcthl newlnoill newmilexpsold10tile percunder15 if startyear>1899 & colony==0, or nolog

    Logistic regression                             Number of obs     =        123
                                                    LR chi2(11)       =      53.63
                                                    Prob > chi2       =     0.0000
    Log likelihood = -58.342302                     Pseudo R2         =     0.3149

    ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------
            lnparticnum |   1.347609   .2432931     1.65   0.098     .9459989    1.919717
               urbandum |   55.10644   115.3566     1.92   0.055     .9106399     3334.71
            deathtile10 |   1.099139   .2478671     0.42   0.675     .7064774    1.710044
        urbxdeathtile10 |   .5376871   .1463961    -2.28   0.023     .3153355    .9168249
          newpolitymin1 |   .9533896    .046386    -0.98   0.327      .866675     1.04878
        newpolitymin1sq |   .9901073   .0093834    -1.05   0.294     .9718859     1.00867
      newincumbpowerdur |   1.068377   .0318662     2.22   0.027     1.007711    1.132696
            newgdppcthl |   .6579737   .1052272    -2.62   0.009     .4809269    .9001977
              newlnoill |   .8804025   .0524721    -2.14   0.033     .7833387    .9894936
    newmilexpsold10tile |   1.215164   .1448662     1.63   0.102     .9619631     1.53501
            percunder15 |   1.003625   .0414999     0.09   0.930     .9254951     1.08835
                  _cons |   .0093047    .026538    -1.64   0.101     .0000348    2.491246
    ------------------------------------------------------------------------------

871 . *       RESULT:  Not significant
872 .
873 .
874 . ****************************
875 . * Youth bulge (aged 20 to 39)
876 . ****************************
877 . * Multiple imputation, impact on regime-specific model
878 . clear

879 . use revolutionaryeps.dta

880 . drop if colony==1
    (57 observations deleted)
```

```
881 . mi set wide

882 . mi xtset, clear

883 . mi stset, clear

884 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
    > wcivxmilexp youthpercl

885 . tab _mi_miss

    _mi_miss |      Freq.     Percent        Cum.
-------------+-----------------------------------
           0 |        143       49.65       49.65
           1 |        145       50.35      100.00
-------------+-----------------------------------
       Total |        288      100.00

886 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
    > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
    > m, knn(3)) youthpercl = success civilwar, add(60) rseed(1234) force dots

    Conditional models:
        newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp youthpercl success civilwar , knn(3)
             newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp youthpercl success civilwar , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp youthpercl success civilwar , ll(0)
          newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp youthpercl success civilwar , knn(3)
        newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                        newmilexpsold10tile newcivxmilexp youthpercl success civilwar , knn(3)
        newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                        newpolitymin1sq newcivxmilexp youthpercl success civilwar , ll(0) ul(10)
          newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile youthpercl success civilwar , knn(3)
             youthpercl: pmm youthpercl newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp success civilwar , knn(3)

    Performing chained iterations:
      imputing m=1 through m=60 .........10.........20.........30.........40.........50.........60 done

    Multivariate imputation                     Imputations =       60
    Chained equations                                 added =       60
    Imputed: m=1 through m=60                       updated =        0

    Initialization: monotone                     Iterations =      600
                                                    burn-in =       10

          newpolitymin1: predictive mean matching
        newpolitymin~q: predictive mean matching
           newgdppcthl: truncated regression
             newlnoill: predictive mean matching
        newincumbpow~r: predictive mean matching
        newmilexpsol~e: truncated regression
          newcivxmilexp: predictive mean matching
             youthpercl: predictive mean matching

    ------------------------------------------------------------------
                       |               Observations per m
                       |-----------------------------------------------
                 Variable |   Complete   Incomplete   Imputed |     Total
    -------------------+-----------------------------------+----------
         newpolitymin1 |        276           12        12 |       288
        newpolitymin~q |        276           12        12 |       288
           newgdppcthl |        283            5         5 |       288
             newlnoill |        285            3         3 |       288
        newincumbpow~r |        286            2         2 |       288
        newmilexpsol~e |        240           48        48 |       288
          newcivxmilexp |        240           48        48 |       288
             youthpercl |        165          123       123 |       288
    ------------------------------------------------------------------
    (complete + incomplete = total; imputed is the minimum across m
     of the number of filled-in observations.)

887 . * Bivariate
888 . mi estimate, post dots eform saving(miest, replace): logit success youthpercl if startyear>1899

    Imputations (60):
      .........10.........20.........30.........40.........50.........60 done

    Multiple-imputation estimates                   Imputations       =         60
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.1524
                                                    Largest FMI       =     0.2348
    DF adjustment:   Large sample                   DF:     min       =   1,083.27
                                                            avg       =   1,096.44
                                                            max       =   1,109.61
    Model F test:       Equal FMI                   F(   1, 1083.3)   =       0.16
    Within VCE type:          OIM                   Prob > F          =     0.6895

    ------------------------------------------------------------------------------
         success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
      youthpercl |   1.017366   .0438292     0.40   0.689     .9349008    1.107105
           _cons |   .3707302   .4632854    -0.79   0.427     .0319291    4.304562
    ------------------------------------------------------------------------------
```

```
889 . *       RESULT:  Not significant
890 . * By urban/rural
891 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.youthpercl if startyear>1899

    Imputations (60):
      .........10.........20.........30.........40.........50.........60 done

    Multiple-imputation estimates                   Imputations       =         60
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.1597
                                                    Largest FMI       =     0.2933
    DF adjustment:   Large sample                   DF:     min       =     695.65
                                                            avg       =     787.28
                                                            max       =     891.91
    Model F test:       Equal FMI                   F(   3, 5602.7)   =       4.67
    Within VCE type:          OIM                   Prob > F          =     0.0029

    ------------------------------------------------------------------------------
                 success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    ---------------------+--------------------------------------------------------
                urbandum |
                    yes  |   .0594072   .2043794    -0.82   0.412     .0000694    50.84153
             youthpercl  |   .8731126   .0996801    -1.19   0.235      .697786    1.092492
                         |
    urbandum#c.youthpercl |
                    yes  |   1.149767   .1418189     1.13   0.258     .9025468    1.464705
                         |
                   _cons |   13.80552   43.44458     0.83   0.404     .0286275    6657.655
    ------------------------------------------------------------------------------

892 . *       RESULT:  Not significant
893 . * Impact on regime-specific model
894 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
    > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp youthpercl if startyear>1899

    Imputations (60):
      .........10.........20.........30.........40.........50.........60 done

    Multiple-imputation estimates                   Imputations       =         60
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.1186
                                                    Largest FMI       =     0.2532
    DF adjustment:   Large sample                   DF:     min       =     931.97
                                                            avg       =   7,083.64
                                                            max       =  32,909.91
    Model F test:       Equal FMI                   F(   9,40994.4)   =       5.27
    Within VCE type:          OIM                   Prob > F          =     0.0000

    ------------------------------------------------------------------------------
                 success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    ---------------------+--------------------------------------------------------
           newpolitymin1 |   .8879396   .0297385    -3.55   0.000     .8315132    .9481951
         newpolitymin1sq |   .9754443   .0064663    -3.75   0.000     .9628483     .988205
       newincumbpowerdur |    1.04923   .0186829     2.70   0.007     1.013242    1.086495
            newgdppcthl  |   .8562641   .0687325    -1.93   0.053     .7315977    1.002174
              newlnoill  |   .9005094   .0341582    -2.76   0.006     .8359829    .9700163
    newmilexpsold10tile  |   1.508087   .1531391     4.05   0.000     1.235601    1.840663
               civilwar  |   .9007982   .6411344    -0.15   0.883     .2230698    3.637594
            newcivxmilexp |   .7970479    .099745    -1.81   0.070     .6235609    1.018803
               youthpercl |   .9110329   .0543668    -1.56   0.119     .8103568    1.024217
                    _cons |   4.565618   7.455142     0.93   0.353     .1854268    112.4156
    ------------------------------------------------------------------------------

895 .
896 . * Impact on opposition-specific model
897 . clear

898 . use revolutionaryeps.dta

899 . mi set wide

900 . mi xtset, clear

901 . mi stset, clear

902 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 youthpercl

903 . tab _mi_miss

       mi miss |      Freq.     Percent        Cum.
    ------------+-----------------------------------
             0 |        167       48.41       48.41
             1 |        178       51.59      100.00
    ------------+-----------------------------------
         Total |        345      100.00

904 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
    > pmm, knn(3)) youthpercl = success urbandum democrat antimonarch, add(50) rseed(1234) force dots

    Conditional models:
           deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum youthpercl success urbandum democrat
                        antimonarch , ll(0) ul(10)
        urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum youthpercl success urbandum democrat antimonarch
                        , knn(3)
           lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 youthpercl success urbandum democrat antimonarch
                        , knn(3)
            youthpercl: pmm youthpercl deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat antimonarch
                        , knn(3)
```

```
Performing chained iterations:
  imputing m=1 through m=50 .........10.........20.........30.........40.........50 done

Multivariate imputation                     Imputations =       50
Chained equations                                 added =       50
Imputed: m=1 through m=50                       updated =        0

Initialization: monotone                     Iterations =      500
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
        youthpercl: predictive mean matching

------------------------------------------------------------------
                    |               Observations per m
                    |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+-----------
       lnparticnum |        322           23        23 |       345
       deathtile10 |        327           18        18 |       345
    urbxdeathti~10 |        327           18        18 |       345
        youthpercl |        175          170       170 |       345
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

905 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
    > e10  democrat antimonarch youthpercl if startyear>1899

    Imputations (50):
      .........10.........20.........30.........40.........50 done

    Multiple-imputation estimates                   Imputations       =         50
    Logistic regression                             Number of obs     =        343
                                                    Average RVI       =     0.1113
                                                    Largest FMI       =     0.3935
    DF adjustment:   Large sample                   DF:     min       =     322.55
                                                            avg       =  24,168.59
                                                            max       =  66,774.43
    Model F test:       Equal FMI                   F(   7,27255.9)   =       7.68
    Within VCE type:          OIM                   Prob > F          =     0.0000

    ------------------------------------------------------------------------------
            success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    ----------------+-------------------------------------------------------------
        lnparticnum |   1.404568   .1366879     3.49   0.000     1.160573    1.699858
          urbandum |   16.16753   17.09766     2.63   0.009      2.03438    128.4858
       deathtile10 |   1.286258   .1536307     2.11   0.035     1.017786    1.625549
    urbxdeathtile10 |   .6118585   .0855264    -3.51   0.000     .4652259    .8047077
           democrat |   3.027552   1.092053     3.07   0.002     1.492978    6.139453
        antimonarch |   2.749172   1.283623     2.17   0.030     1.100912    6.865172
         youthpercl |   .9123716   .0500608    -1.67   0.096     .8190141    1.016371
               cons |   .0208751   .0378285    -2.14   0.033     .0005949    .7324518
    ------------------------------------------------------------------------------

906 . *       RESULT:  Marginally significant at the .10 level
907 .
908 . * Impact on combined reduced model
909 . clear

910 . use revolutionaryeps.dta

911 . drop if colony==1
    (57 observations deleted)

912 . mi set wide

913 . mi xtset, clear

914 . mi stset, clear

915 . mi register imputed newpolitymin1 newpolitymin1sq newgdppcthl newlnoill newincumbpowerdur newmilexpsold10tile ne
    > wcivxmilexp lnparticnum deathtile10 urbxdeathtile10 youthpercl

916 . tab _mi_miss

       _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
              0 |        136       47.22       47.22
              1 |        152       52.78      100.00
------------+-----------------------------------
          Total |        288      100.00

917 . * Impute
918 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
    > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
    > m, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (pmm, knn(3)) youthper
    > cl = success civilwar urbandum democrat antimonarch, add(60) rseed(1234) force dots
```

```
Conditional models:
    newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                     urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , knn(3)
          newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                     urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , knn(3)
       newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq deathtile10
                     urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , ll(0)
     newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq deathtile10
                     urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , knn(3)
    newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1 deathtile10
                     urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , knn(3)
       deathtile10: truncreg deathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , ll(0) ul(10)
    urbxdeathti~10: pmm urbxdeathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     deathtile10 lnparticnum newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , knn(3)
       lnparticnum: pmm lnparticnum newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     deathtile10 urbxdeathtile10 newmilexpsold10tile newcivxmilexp youthpercl success civilwar
                     urbandum democrat antimonarch , knn(3)
    newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                     newpolitymin1sq deathtile10 urbxdeathtile10 lnparticnum newcivxmilexp youthpercl success
                     civilwar urbandum democrat antimonarch , ll(0) ul(10)
     newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile youthpercl success civilwar
                     urbandum democrat antimonarch , knn(3)
        youthpercl: pmm youthpercl newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                     urbandum democrat antimonarch , knn(3)

Performing chained iterations:
  imputing m=1 through m=60 .........10.........20.........30.........40.........50.........60 done

Multivariate imputation                     Imputations =       60
Chained equations                                 added =       60
Imputed: m=1 through m=60                       updated =        0

Initialization: monotone                     Iterations =      600
                                                burn-in =       10

     newpolitymin1: predictive mean matching
    newpolitymin~q: predictive mean matching
       newgdppcthl: truncated regression
         newlnoill: predictive mean matching
    newincumbpow~r: predictive mean matching
    newmilexpsol~e: truncated regression
     newcivxmilexp: predictive mean matching
       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
        youthpercl: predictive mean matching

------------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
       lnparticnum |        267           21        21 |       288
       deathtile10 |        275           13        13 |       288
    urbxdeathti~10 |        275           13        13 |       288
        youthpercl |        165          123       123 |       288
------------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

919 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
    > e10  newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile youthpercl if sta
    > rtyear>1899

Imputations (60):
  .........10.........20.........30.........40.........50.........60 done

Multiple-imputation estimates                   Imputations       =         60
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0917
                                                Largest FMI       =     0.2692
DF adjustment:   Large sample                   DF:     min       =     825.17
                                                        avg       =  13,771.77
                                                        max       =  35,391.92
Model F test:       Equal FMI                   F(  11,82820.5)   =       5.57
Within VCE type:          OIM                   Prob > F          =     0.0000
```

```
------------------------------------------------------------------------------
             success |      exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------------
        lnparticnum |   1.722322   .2155831     4.34   0.000     1.347589    2.201259
          urbandum |   39.03479   52.32376     2.73   0.006      2.82106    540.1215
       deathtile10 |   1.241936   .1888725     1.42   0.154     .9218168    1.673222
    urbxdeathtile10 |   .5676823   .0985442    -3.26   0.001     .4039608    .7977584
      newpolitymin1 |   .8808441   .0323448    -3.46   0.001     .8196643    .9465905
    newpolitymin1sq |   .9772203   .0067642    -3.33   0.001     .9640493    .9905713
  newincumbpowerdur |   1.040072   .0208723     1.96   0.050     .9999543    1.081799
         newgdppcthl |   .7616973   .0675925    -3.07   0.002     .6400928    .9064042
           newlnoill |   .9093967   .0395714    -2.18   0.029     .8350416    .9903727
newmilexpsold10tile |   1.338457   .1029678     3.79   0.000     1.151049    1.556377
         youthpercl |   .9073572   .0595007    -1.48   0.139     .7977707    1.031997
              _cons |   .0025723    .005773    -2.66   0.008     .0000315     .209961
------------------------------------------------------------------------------

. *       RESULT:  Not significant
.
. * Complete-case sample
. clear

. use revolutionaryeps.dta

. * Youth bulge (aged 20 to 39)--highly reduced sample
. * Bivariate
. logit success youthpercl if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        165
                                                LR chi2(1)        =       0.18
                                                Prob > chi2       =     0.6691
Log likelihood =  -114.1294                     Pseudo R2         =     0.0008

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  youthpercl |   .9808593   .0444374    -0.43   0.670     .8975184    1.071939
        cons |   1.615587   2.152481     0.36   0.719      .118647    21.99906
------------------------------------------------------------------------------

. *       RESULT:  Not significant
. * Youth bulge (aged 20 to 39), by urban/rural
. logit success i.urbandum##c.youthpercl if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        165
                                                LR chi2(3)        =       4.87
                                                Prob > chi2       =     0.1816
Log likelihood = -111.78615                     Pseudo R2         =     0.0213

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
             urbandum |
                 yes |   .0215846   .0861659    -0.96   0.337     8.63e-06    53.96889
          youthpercl |   .8317978   .1107569    -1.38   0.167     .6407332    1.079837
                     |
urbandum#c.youthpercl |
                 yes |   1.174147   .1681018     1.12   0.262     .8868628    1.554492
                     |
               _cons |   103.2189   377.9027     1.27   0.205     .0789516    134945.3
------------------------------------------------------------------------------

. *       RESULT:  Not significant
. * Impact on regime-specific model
. logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
>  newcivxmilexp youthpercl if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        143
                                                LR chi2(9)        =      43.41
                                                Prob > chi2       =     0.0000
Log likelihood = -77.385574                     Pseudo R2         =     0.2190

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
      newpolitymin1 |   .8947395   .0375773    -2.65   0.008     .8240391    .9715058
    newpolitymin1sq |   .9736658   .0084997    -3.06   0.002     .9571483    .9904683
  newincumbpowerdur |   1.051372   .0254592     2.07   0.039     1.002638    1.102474
         newgdppcthl |   .8031135    .078467    -2.24   0.025     .6631497     .972618
           newlnoill |   .8786349   .0438103    -2.59   0.009     .7968307    .9688373
newmilexpsold10tile |   1.363636   .1922653     2.20   0.028     1.034388    1.797684
           civilwar |   .4588943    .536546    -0.67   0.505     .0463954    4.538894
      newcivxmilexp |   .8675234   .1580862    -0.78   0.435     .6069729    1.239918
         youthpercl |   .9231137   .0655607    -1.13   0.260     .8031595    1.060983
              _cons |   11.81146    24.1234     1.21   0.227     .2156915    646.8061
------------------------------------------------------------------------------

. *       RESULT: Not significant
. * Impact on opposition-specific model
```

```
936 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10  democrat antimonarch youthpercl if startyear>189
    > 9, or nolog

Logistic regression                             Number of obs     =        167
                                                LR chi2(7)        =      21.04
                                                Prob > chi2       =     0.0037
Log likelihood = -105.23192                     Pseudo R2         =     0.0909

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  lnparticnum |   1.362796   .1697147     2.49   0.013     1.067645     1.73954
     urbandum |   2.157826   3.135637     0.53   0.597     .1250537    37.23373
  deathtile10 |   1.118492   .1780103     0.70   0.482     .8187714     1.52793
urbxdeathtile10 |   .7819054   .1429824    -1.35   0.179     .5463866    1.118944
     democrat |   2.225714   1.021274     1.74   0.081     .9055103     5.47073
  antimonarch |   1.318128   .9205335     0.40   0.692     .3353582    5.180913
   youthpercl |   .9152017   .0492369    -1.65   0.100     .8236127    1.016976
        _cons |   .1952656   .3943653    -0.81   0.419     .0037283    10.22687
------------------------------------------------------------------------------

937 . *       RESULT:  Marginally significant, turns all variables grow insignificant except lnparticnum
938 . * Impact on combined reduced model
939 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpowerdur n
    > ewgdppcthl newlnoill newmilexpsold10tile youthpercl if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        136
                                                LR chi2(11)       =      53.94
                                                Prob > chi2       =     0.0000
Log likelihood = -67.282704                     Pseudo R2         =     0.2862

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  lnparticnum |   1.473683   .2455508     2.33   0.020     1.063099    2.042841
     urbandum |   23.58895   46.60024     1.60   0.110     .4910782    1133.096
  deathtile10 |   1.108479   .2404535     0.47   0.635     .7245749     1.69579
urbxdeathtile10 |   .6001191   .1523389    -2.01   0.044       .36489    .9869906
  newpolitymin1 |   .9132401   .0419503    -1.98   0.048     .8346116    .9992762
 newpolitymin1sq |    .980852   .0090183    -2.10   0.035     .9633348    .9986878
newincumbpowerdur |   1.051721   .0288889     1.84   0.066     .9965968    1.109894
   newgdppcthl |    .695013   .0803683    -3.15   0.002     .5540687    .8718108
    newlnoill |   .9208089   .0525345    -1.45   0.148     .8233914    1.029752
newmilexpsold10tile |   1.225223   .1400684     1.78   0.076     .9792762     1.53294
   youthpercl |   .9196826   .0695847    -1.11   0.268     .7929296    1.066698
         cons |   .0539562   .1488317    -1.06   0.290     .0002422    12.02203
------------------------------------------------------------------------------

940 . *       RESULT: Not significant
941 .
942 .
943 . ********************
944 . * Percent mountains
945 . ********************
946 . * Multiple imputation, impact on regime-specific model
947 . clear

948 . use revolutionaryeps.dta

949 . drop if colony==1
    (57 observations deleted)

950 . mi set wide

951 . mi xtset, clear

952 . mi stset, clear

953 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
    > wcivxmilexp lnmtnest

954 . tab _mi_miss

   _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        201       69.79       69.79
          1 |         87       30.21      100.00
------------+-----------------------------------
      Total |        288      100.00

955 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
    > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
    > m, knn(3)) lnmtnest = success civilwar, add(40) rseed(1234) force dots

    Conditional models:
        newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq lnmtnest
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
             newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq lnmtnest
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
           newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq lnmtnest
                         newmilexpsold10tile newcivxmilexp success civilwar , ll(0)
         newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq lnmtnest
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
        newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1 lnmtnest
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
             lnmtnest: pmm lnmtnest newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
        newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                         newpolitymin1sq lnmtnest newcivxmilexp success civilwar , ll(0) ul(10)
         newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         lnmtnest newmilexpsold10tile success civilwar , knn(3)
```

```
Performing chained iterations:
  imputing m=1 through m=40 .........10.........20.........30.........40 done

Multivariate imputation                     Imputations =       40
Chained equations                                 added =       40
Imputed: m=1 through m=40                       updated =        0

Initialization: monotone                     Iterations =      400
                                                burn-in =       10

     newpolitymin1: predictive mean matching
    newpolitymin~q: predictive mean matching
       newgdppcth1: truncated regression
         newlnoill: predictive mean matching
    newincumbpow~r: predictive mean matching
    newmilexpsol~e: truncated regression
     newcivxmilexp: predictive mean matching
          lnmtnest: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m
                  |----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcth1 |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
          lnmtnest |        250           38        38 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

956 . * Bivariate
957 . mi estimate, post dots eform saving(miest, replace): logit success lnmtnest if startyear>1899

Imputations (40):
  .........10.........20.........30.........40 done

Multiple-imputation estimates                   Imputations       =         40
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0467
                                                Largest FMI       =     0.0858
DF adjustment:   Large sample                   DF:     min       =   5,344.66
                                                        avg       =   7,013.29
                                                        max       =   8,681.92
Model F test:       Equal FMI                   F(   1, 5344.7)   =       0.05
Within VCE type:          OIM                   Prob > F          =     0.8196

------------------------------------------------------------------------------
     success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    lnmtnest |   1.022562   .1000537     0.23   0.820     .8440813    1.238784
       _cons |   .5771685   .1534172    -2.07   0.039     .3427782    .9718339
------------------------------------------------------------------------------

958 . *       RESULT:  Not significant
959 . * By urban/rural
960 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.lnmtnest if startyear>1899

Imputations (40):
  .........10.........20.........30.........40 done

Multiple-imputation estimates                   Imputations       =         40
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0545
                                                Largest FMI       =     0.1497
DF adjustment:   Large sample                   DF:     min       =   1,763.38
                                                        avg       =   2,712.02
                                                        max       =   3,866.26
Model F test:       Equal FMI                   F(   3,23900.2)   =       5.04
Within VCE type:          OIM                   Prob > F          =     0.0017

------------------------------------------------------------------------------
             success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
            urbandum |
                yes  |   2.743506   1.680663     1.65   0.100     .8254657    9.118274
            lnmtnest |   1.036551   .1968635     0.19   0.850      .714197      1.5044
                     |
urbandum#c.lnmtnest |
                yes  |   1.018924   .2276828     0.08   0.933     .6574304    1.579189
                     |
                cons |   .2947024   .1545481    -2.33   0.020      .105387    .8241007
------------------------------------------------------------------------------
```

```
961 . *       RESULT:  Not significant
962 . * Impact on regime-specific model
963 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
    > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp lnmtnest if startyear>1899

    Imputations (40):
      .........10.........20.........30.........40 done

    Multiple-imputation estimates                   Imputations       =         40
    Logistic regression                             Number of obs     =        288
                                                    Average RVI       =     0.0723
                                                    Largest FMI       =     0.1459
    DF adjustment:   Large sample                   DF:     min       =   1,856.22
                                                            avg       =   8,555.43
                                                            max       =  20,648.70
    Model F test:       Equal FMI                   F(   9,65388.2)   =       5.52
    Within VCE type:          OIM                   Prob > F          =     0.0000

    ------------------------------------------------------------------------------
                 success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    ---------------------+--------------------------------------------------------
          newpolitymin1 |   .8931724    .029367    -3.44   0.001     .8374116    .9526462
        newpolitymin1sq |   .9775208   .0062489    -3.56   0.000     .9653465    .9898486
      newincumbpowerdur |   1.046578   .0184609     2.58   0.010     1.011011    1.083397
            newgdppcthl |    .846308   .0658173    -2.15   0.032     .7266524    .9856669
              newlnoill |    .882216   .0326806    -3.38   0.001      .820429    .9486563
    newmilexpsold10tile |   1.487713   .1365643     4.33   0.000     1.242603    1.781173
               civilwar |   .8675204   .5888753    -0.21   0.834     .2292544    3.282779
          newcivxmilexp |   .8172866    .094854    -1.74   0.082      .650954    1.026121
                lnmtnest |   1.092757   .1300745     0.75   0.456     .8653439    1.379934
                   _cons |   .2767588   .1624568    -2.19   0.029     .0875688    .8746891
    ------------------------------------------------------------------------------

964 . *       RESULT:  Not significant
965 .
966 . * Multiple imputation, impact on opposition-specific model
967 . clear

968 . use revolutionaryeps.dta

969 . mi set wide

970 . mi xtset, clear

971 . mi stset, clear

972 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 lnmtnest

973 . tab _mi_miss

       _mi_miss |      Freq.     Percent        Cum.
    ------------+-----------------------------------
              0 |        269       77.97       77.97
              1 |         76       22.03      100.00
    ------------+-----------------------------------
          Total |        345      100.00

974 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
    > pmm, knn(3)) lnmtnest = success urbandum democrat antimonarch, add(30) rseed(1234) force dots

    Conditional models:
           deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum lnmtnest success urbandum democrat
                        antimonarch , ll(0) ul(10)
        urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum lnmtnest success urbandum democrat antimonarch ,
                        knn(3)
           lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 lnmtnest success urbandum democrat antimonarch ,
                        knn(3)
              lnmtnest: pmm lnmtnest deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat antimonarch ,
                        knn(3)

    Performing chained iterations:
      imputing m=1 through m=30 .........10.........20.........30 done

    Multivariate imputation                     Imputations =       30
    Chained equations                                 added =       30
    Imputed: m=1 through m=30                       updated =        0

    Initialization: monotone                     Iterations =      300
                                                    burn-in =       10

           lnparticnum: predictive mean matching
           deathtile10: truncated regression
        urbxdeathti~10: predictive mean matching
              lnmtnest: predictive mean matching

    ------------------------------------------------------------------
                       |               Observations per m
                       |----------------------------------------------
                 Variable |   Complete   Incomplete   Imputed |     Total
    -------------------+----------------------------------+-----------
           lnparticnum |        322           23        23 |       345
           deathtile10 |        327           18        18 |       345
        urbxdeathti~10 |        327           18        18 |       345
              lnmtnest |        303           42        42 |       345
    ------------------------------------------------------------------
    (complete + incomplete = total; imputed is the minimum across m
     of the number of filled-in observations.)
```

```
975 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
    > e10  democrat antimonarch lnmtnest if startyear>1899

    Imputations (30):
      .........10.........20.........30 done

    Multiple-imputation estimates                   Imputations       =         30
    Logistic regression                             Number of obs     =        343
                                                    Average RVI       =     0.0232
                                                    Largest FMI       =     0.0769
    DF adjustment:   Large sample                   DF:     min       =   4,957.13
                                                            avg       = 170,366.80
                                                            max       = 638,012.45
    Model F test:       Equal FMI                   F(   7,309435.1)  =       8.07
    Within VCE type:          OIM                   Prob > F          =     0.0000

    ------------------------------------------------------------------------------
            success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
    ----------------+-------------------------------------------------------------
        lnparticnum |   1.343498   .1225182     3.24   0.001     1.123555    1.606497
          urbandum |   20.13886    20.8894     2.89   0.004     2.636912    153.8063
        deathtile10 |   1.335137   .1568319     2.46   0.014     1.060566    1.680792
    urbxdeathtile10 |   .5905579   .0808817    -3.85   0.000     .4515254     .772401
           democrat |   2.806139    .982131     2.95   0.003     1.413166    5.572181
        antimonarch |   2.453849    1.10728     1.99   0.047     1.013327    5.942188
          lnmtnest |   .9582558   .1000954    -0.41   0.683     .7808319    1.175995
             _cons |   .0020831   .0023362    -5.51   0.000     .0002313     .018765
    ------------------------------------------------------------------------------

976 . *       RESULT:  Not significant
977 .
978 . * Complete-case sample
979 . clear

980 . use revolutionaryeps.dta

981 . * Percent mountains
982 . * Bivariate
983 . logit success lnmtnest if startyear>1899 & colony==0, or nolog

    Logistic regression                             Number of obs     =        250
                                                    LR chi2(1)        =       0.06
                                                    Prob > chi2       =     0.8101
    Log likelihood = -169.36567                     Pseudo R2         =     0.0002

    ------------------------------------------------------------------------------
         success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    -------------+----------------------------------------------------------------
        lnmtnest |    1.02408   .1014416     0.24   0.810     .8433674    1.243514
           _cons |   .6615148   .1799816    -1.52   0.129     .3881048    1.127535
    ------------------------------------------------------------------------------

984 . *       RESULT:  Not significant
985 . * Percent mountains, by urban/rural
986 . logit success i.urbandum##c.lnmtnest if startyear>1899 & colony==0, or nolog

    Logistic regression                             Number of obs     =        250
                                                    LR chi2(3)        =       9.75
                                                    Prob > chi2       =     0.0208
    Log likelihood = -164.51827                     Pseudo R2         =     0.0288

    ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------
              urbandum |
                  yes  |   2.172116   1.360713     1.24   0.216     .6362844    7.415061
              lnmtnest |   1.028523   .1968638     0.15   0.883     .7067899     1.49671
                       |
    urbandum#c.lnmtnest |
                  yes  |   1.028454   .2314567     0.12   0.901     .6616359    1.598639
                       |
                 _cons |   .3832935   .2063185    -1.78   0.075     .1334591    1.100816
    ------------------------------------------------------------------------------

987 . *       RESULT:  Not significant
988 . * Impact on regime-specific model
989 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
    >  newcivxmilexp lnmtnest if startyear>1899 & colony==0, or nolog

    Logistic regression                             Number of obs     =        201
                                                    LR chi2(9)        =      60.39
                                                    Prob > chi2       =     0.0000
    Log likelihood = -106.06275                     Pseudo R2         =     0.2216

    ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    --------------------+---------------------------------------------------------
         newpolitymin1 |   .9162844   .0334318    -2.40   0.017     .8530474    .9842092
       newpolitymin1sq |   .9775444   .0073231    -3.03   0.002     .9632963    .9920033
     newincumbpowerdur |   1.066392   .0225377     3.04   0.002     1.023121    1.111493
           newgdppcthl |   .8204143   .0725114    -2.24   0.025     .6899232    .9755863
             newlnoill |   .8663697   .0384958    -3.23   0.001     .7941114    .9452029
    newmilexpsold10tile |   1.530531     .15502     4.20   0.000     1.254955    1.866621
              civilwar |   1.367181   1.062608     0.40   0.687     .2980236    6.271935
          newcivxmilexp |   .7465149   .1028871    -2.12   0.034      .569801    .9780336
              lnmtnest |   1.004042   .1392095     0.03   0.977     .7651268    1.317559
                 _cons |   .3328982   .2151971    -1.70   0.089     .0937702    1.181838
    ------------------------------------------------------------------------------
```

```
990 . *       RESULT:  Not significant and changes no signs or patterns of significance
991 . * Impact on opposition-specific model
992 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch lnmtnest if startyear>1899,
    > or nolog

    Logistic regression                             Number of obs     =        267
                                                    LR chi2(7)        =      45.56
                                                    Prob > chi2       =     0.0000
    Log likelihood = -155.71798                     Pseudo R2         =     0.1276

    ------------------------------------------------------------------------------
           success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
    ---------------+--------------------------------------------------------------
       lnparticnum |   1.256799   .1169725     2.46   0.014     1.047232    1.508303
          urbandum |   9.956721   10.74171     2.13   0.033     1.201727    82.49482
       deathtile10 |   1.295264   .1553916     2.16   0.031      1.02386    1.638612
    urbxdeathtile10 |   .6466929    .092026    -3.06   0.002     .4892941    .8547247
          democrat |   2.949864   1.132283     2.82   0.005     1.390192     6.25935
       antimonarch |   2.484264    1.24045     1.82   0.068     .9336267    6.610315
          lnmtnest |   .9288386   .1029395    -0.67   0.505     .7474893    1.154185
              cons |   .0070298     .00811    -4.30   0.000     .0007327    .0674428
    ------------------------------------------------------------------------------

993 . *       RESULT:  Not significant
994 .
995 . ******************************
996 . * Avg total years of schooling
997 . ******************************
998 . * Multiple imputation, impact on regime-specific model
999 . clear

1000 . use revolutionaryeps.dta

1001 . drop if colony==1
    (57 observations deleted)

1002 . mi set wide

1003 . mi xtset, clear

1004 . mi stset, clear

1005 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
    > wcivxmilexp avgtotalyrsschool

1006 . tab _mi_miss

        _mi_miss |      Freq.     Percent        Cum.
    -------------+-----------------------------------
               0 |        110       38.19       38.19
               1 |        178       61.81      100.00
    -------------+-----------------------------------
           Total |        288      100.00

1007 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
    > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
    > m, knn(3)) avgtotalyrsschool = success civilwar, add(70) rseed(1234) force dots

    Conditional models:
        newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp avgtotalyrsschool success civilwar , knn(3)
             newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp avgtotalyrsschool success civilwar , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp avgtotalyrsschool success civilwar , ll(0)
         newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp avgtotalyrsschool success civilwar , knn(3)
        newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                        newmilexpsold10tile newcivxmilexp avgtotalyrsschool success civilwar , knn(3)
        newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                        newpolitymin1sq newcivxmilexp avgtotalyrsschool success civilwar , ll(0) ul(10)
         newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile avgtotalyrsschool success civilwar , knn(3)
        avgtotalyrss~l: pmm avgtotalyrsschool newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                        newmilexpsold10tile newcivxmilexp success civilwar , knn(3)

    Performing chained iterations:
      imputing m=1 through m=70 .........10.........20.........30.........40.........50.........60.........70 done

    Multivariate imputation                     Imputations =       70
    Chained equations                                 added =       70
    Imputed: m=1 through m=70                       updated =        0

    Initialization: monotone                     Iterations =      700
                                                    burn-in =       10

         newpolitymin1: predictive mean matching
        newpolitymin~q: predictive mean matching
           newgdppcthl: truncated regression
             newlnoill: predictive mean matching
        newincumbpow~r: predictive mean matching
        newmilexpsol~e: truncated regression
         newcivxmilexp: predictive mean matching
        avgtotalyrss~l: predictive mean matching
```

```
------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
    avgtotalyrss~l |        121          167       167 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1008 . * Bivariate
1009 . mi estimate, post dots eform saving(miest, replace): logit success avgtotalyrsschool if startyear>1899

Imputations (70):
  .........10.........20.........30.........40.........50.........60.........70 done

Multiple-imputation estimates                   Imputations       =         70
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.2804
                                                Largest FMI       =     0.3614
DF adjustment:   Large sample                   DF:     min       =     535.45
                                                        avg       =     717.59
                                                        max       =     899.74
Model F test:       Equal FMI                   F(   1,  535.4)   =       0.01
Within VCE type:          OIM                   Prob > F          =     0.9174

------------------------------------------------------------------------------
     success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
avgtotalyrss~l |   1.005868   .0566974     0.10   0.917     .9004365    1.123645
       cons |   .5953102   .1501158    -2.06   0.040     .3629207    .9765059
------------------------------------------------------------------------------

1010 . *       RESULT:  Not significant
1011 . * By urban/rural
1012 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.avgtotalyrsschool if startyear>
     > 1899

Imputations (70):
  .........10.........20.........30.........40.........50.........60.........70 done

Multiple-imputation estimates                   Imputations       =         70
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.3507
                                                Largest FMI       =     0.4968
DF adjustment:   Large sample                   DF:     min       =     283.60
                                                        avg       =     424.55
                                                        max       =     675.19
Model F test:       Equal FMI                   F(   3, 2000.9)   =       3.93
Within VCE type:          OIM                   Prob > F          =     0.0083

------------------------------------------------------------------------------------------
                 success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------------------+----------------------------------------------------------------
                urbandum |
                     yes |   1.875454   1.115367     1.06   0.291     .5834077    6.028936
      avgtotalyrsschool |   .8127208   .1505101    -1.12   0.264     .5644549    1.170182
                        |
urbandum#c.avgtotalyrs~l |
                     yes |   1.194424   .2282065     0.93   0.353     .8202771    1.739228
                        |
                   _cons |    .562128   .2906718    -1.11   0.266     .2033858    1.553638
------------------------------------------------------------------------------------------

1013 . *       RESULT:  Not significant
1014 . * Impact on regime-specific model
1015 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
     > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp avgtotalyrsschool if startyear>1899

Imputations (70):
  .........10.........20.........30.........40.........50.........60.........70 done

Multiple-imputation estimates                   Imputations       =         70
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.1925
                                                Largest FMI       =     0.5100
DF adjustment:   Large sample                   DF:     min       =     269.12
                                                        avg       =   4,032.28
                                                        max       =   9,550.18
Model F test:       Equal FMI                   F(   9,20440.8)   =       5.05
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
     success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 newpolitymin1 |   .9062282   .0310697    -2.87   0.004     .8473133    .9692396
newpolitymin1sq |   .9763904   .0064754    -3.60   0.000     .9637765    .9891693
newincumbpowerdur |   1.050584   .0192806     2.69   0.007     1.013462    1.089067
   newgdppcthl |   .8861299   .0743647    -1.44   0.150      .751711    1.044585
     newlnoill |   .8776179   .0336557    -3.40   0.001     .8140631    .9461345
newmilexpsold10tile |   1.578851   .1751723     4.12   0.000     1.269882    1.962994
      civilwar |     1.0243   .7278286     0.03   0.973     .2543104     4.12563
 newcivxmilexp |   .7690962   .0989003    -2.04   0.041     .5976584    .9897108
avgtotalyrsschool |   .8533559   .0900342    -1.50   0.134     .6932942    1.050371
```

```
               _cons |   .4540323   .2254555    -1.59   0.112     .1714893    1.202089
------------------------------------------------------------------------------------------

1016 . *       RESULT:  Not significant
1017 .
1018 . * Multiple imputation, impact on opposition-specific model
1019 . clear

1020 . use revolutionaryeps.dta

1021 . mi set wide

1022 . mi xtset, clear

1023 . mi stset, clear

1024 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 avgtotalyrsschool

1025 . tab _mi_miss

    mi miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        122       35.36       35.36
          1 |        223       64.64      100.00
------------+-----------------------------------
      Total |        345      100.00

1026 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
> pmm, knn(3)) avgtotalyrsschool = success urbandum democrat antimonarch, add(70) rseed(1234) force dots

Conditional models:
       deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum avgtotalyrsschool success urbandum democrat
                     antimonarch , ll(0) ul(10)
    urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum avgtotalyrsschool success urbandum democrat
                     antimonarch , knn(3)
       lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 avgtotalyrsschool success urbandum democrat
                     antimonarch , knn(3)
    avgtotalyrss~l: pmm avgtotalyrsschool deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat
                     antimonarch , knn(3)

Performing chained iterations:
  imputing m=1 through m=70 .........10.........20.........30.........40.........50.........60.........70 done

Multivariate imputation                     Imputations =       70
Chained equations                                 added =       70
Imputed: m=1 through m=70                       updated =        0

Initialization: monotone                     Iterations =      700
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
    avgtotalyrss~l: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m               
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+-----------
       lnparticnum |        322           23        23 |       345
       deathtile10 |        327           18        18 |       345
    urbxdeathti~10 |        327           18        18 |       345
    avgtotalyrss~l |        129          216       216 |       345
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1027 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
> e10  democrat antimonarch avgtotalyrsschool if startyear>1899

Imputations (70):
  .........10.........20.........30.........40.........50.........60.........70 done

Multiple-imputation estimates                   Imputations       =         70
Logistic regression                             Number of obs     =        343
                                                Average RVI       =     0.1713
                                                Largest FMI       =     0.4596
DF adjustment:   Large sample                   DF:     min       =     331.26
                                                        avg       =   8,541.17
                                                        max       =  15,196.98
Model F test:       Equal FMI                   F(   7,18911.7)   =       7.81
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
     success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  lnparticnum |   1.481502   .1529955     3.81   0.000     1.209938    1.814019
     urbandum |   21.23478   22.98034     2.82   0.005      2.54547    177.1444
  deathtile10 |   1.240172   .1524627     1.75   0.080     .9745925    1.578123
urbxdeathtile10 |   .5952572   .0851248    -3.63   0.000     .4497475    .7878446
     democrat |   2.755135   1.048008     2.66   0.008     1.307125    5.807228
   antimonarch |   1.655587   .8172971     1.02   0.307     .6290689    4.357183
avgtotalyrsschool |   .8013997   .0653212    -2.72   0.007     .6826755    .9407712
        _cons |   .0023286   .0026973    -5.23   0.000     .0002404    .0225522
------------------------------------------------------------------------------
```

```
1028 . *       RESULT:  Statistically significant at the .01 level, but negative (seems opposite of what one would expe
     > ct theoretically--it should not reduce the chance of opposition victory)
1029 .
1030 . * Multiple imputation, impact on combined reduced model
1031 . clear

1032 . use revolutionaryeps.dta

1033 . drop if colony==1
     (57 observations deleted)

1034 . mi set wide

1035 . mi xtset, clear

1036 . mi stset, clear

1037 . mi register imputed newpolitymin1 newpolitymin1sq newgdppcthl newlnoill newincumbpowerdur newmilexpsold10tile ne
     > wcivxmilexp lnparticnum deathtile10 urbxdeathtile10 avgtotalyrsschool

1038 . tab _mi_miss

        _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
               0 |        104       36.11       36.11
               1 |        184       63.89      100.00
------------+-----------------------------------
           Total |        288      100.00

1039 . * Impute
1040 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
     > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
     > m, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (pmm, knn(3)) avgtotal
     > yrsschool = success civilwar urbandum democrat antimonarch, add(70) rseed(1234) force dots

     Conditional models:
         newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                          urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , knn(3)
              newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                          urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq deathtile10
                          urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , ll(0)
          newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq deathtile10
                          urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , knn(3)
         newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1 deathtile10
                          urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , knn(3)
            deathtile10: truncreg deathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , ll(0) ul(10)
         urbxdeathti~10: pmm urbxdeathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          deathtile10 lnparticnum newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , knn(3)
            lnparticnum: pmm lnparticnum newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          deathtile10 urbxdeathtile10 newmilexpsold10tile newcivxmilexp avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , knn(3)
         newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                          newpolitymin1sq deathtile10 urbxdeathtile10 lnparticnum newcivxmilexp avgtotalyrsschool
                          success civilwar urbandum democrat antimonarch , ll(0) ul(10)
          newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile avgtotalyrsschool success
                          civilwar urbandum democrat antimonarch , knn(3)
         avgtotalyrss~l: pmm avgtotalyrsschool newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                          urbandum democrat antimonarch , knn(3)

     Performing chained iterations:
       imputing m=1 through m=70 .........10.........20.........30.........40.........50.........60.........70 done

     Multivariate imputation                     Imputations =       70
     Chained equations                                 added =       70
     Imputed: m=1 through m=70                       updated =        0

     Initialization: monotone                     Iterations =      700
                                                     burn-in =       10

          newpolitymin1: predictive mean matching
         newpolitymin~q: predictive mean matching
            newgdppcthl: truncated regression
              newlnoill: predictive mean matching
         newincumbpow~r: predictive mean matching
         newmilexpsol~e: truncated regression
          newcivxmilexp: predictive mean matching
            lnparticnum: predictive mean matching
            deathtile10: truncated regression
         urbxdeathti~10: predictive mean matching
         avgtotalyrss~l: predictive mean matching
```

```
------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
       lnparticnum |        267           21        21 |       288
       deathtile10 |        275           13        13 |       288
    urbxdeathti~10 |        275           13        13 |       288
    avgtotalyrss~l |        121          167       167 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1041 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
     > e10  newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile avgtotalyrsschool
     >  if startyear>1899

     Imputations (70):
       .........10.........20.........30.........40.........50.........60.........70 done

     Multiple-imputation estimates                   Imputations       =         70
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.1328
                                                     Largest FMI       =     0.4080
     DF adjustment:   Large sample                   DF:     min       =     420.29
                                                             avg       =   9,136.09
                                                             max       =  26,984.89
     Model F test:       Equal FMI                   F(  11,49042.8)   =       5.44
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
                  success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     ---------------------+--------------------------------------------------------
             lnparticnum |   1.749403   .2233326     4.38   0.000     1.362093    2.246844
                urbandum |   36.83398   50.47558     2.63   0.009     2.509915    540.5529
            deathtile10 |   1.242154   .1940937     1.39   0.165     .9144403    1.687314
        urbxdeathtile10 |   .5780554    .102678    -3.09   0.002     .4080905    .8188087
          newpolitymin1 |   .9026984   .0332124    -2.78   0.005     .8398766    .9702192
        newpolitymin1sq |   .9782923   .0068061    -3.15   0.002     .9650396    .9917269
      newincumbpowerdur |   1.038404    .020857     1.88   0.061     .9983163    1.080102
            newgdppcthl |   .7979646   .0755747    -2.38   0.017     .6627473    .9607698
              newlnoill |   .8843902   .0368255    -2.95   0.003     .8150774    .9595973
     newmilexpsold10tile |   1.350898   .1066996     3.81   0.000     1.157075    1.577189
      avgtotalyrsschool |   .8577469   .0868034    -1.52   0.130     .7030228    1.046523
                  _cons |   .0002231   .0003504    -5.35   0.000     .0000103    .0048507
     ------------------------------------------------------------------------------

1042 . *       RESULT:  Not significant
1043 .
1044 . * Complete-case sample
1045 . clear

1046 . use revolutionaryeps.dta

1047 . * Avg total years of schooling--highly reduced sample
1048 . * Bivariate
1049 . logit success avgtotalyrsschool if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        121
                                                     LR chi2(1)        =       0.60
                                                     Prob > chi2       =     0.4371
     Log likelihood = -83.465467                     Pseudo R2         =     0.0036

     ------------------------------------------------------------------------------
                  success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     ---------------------+--------------------------------------------------------
     avgtotalyrsschool |   .9512613   .0613672    -0.77   0.439     .8382772    1.079474
                 _cons |   1.145397   .3838891     0.41   0.685      .593839    2.209241
     ------------------------------------------------------------------------------

1050 . *       RESULT: Not significant
1051 . * Avg total years of schooling, by urban/rural
1052 . logit success i.urbandum##c.avgtotalyrsschool if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        121
                                                     LR chi2(3)        =       7.25
                                                     Prob > chi2       =     0.0644
     Log likelihood = -80.143548                     Pseudo R2         =     0.0433

     ------------------------------------------------------------------------------------------
                              success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     -------------------------------+----------------------------------------------------------
                           urbandum |
                               yes  |   1.393617   1.228368     0.38   0.707     .2476702    7.841753
                    avgtotalyrsschool |   .6960652   .1924239    -1.31   0.190     .4048921    1.196632
                                     |
     urbandum#c.avgtotalyrsschool |
                               yes  |    1.30261   .3730607     0.92   0.356     .7430785    2.283464
                                     |
                               _cons |   1.371855   1.042726     0.42   0.677     .3092597    6.085457
     ------------------------------------------------------------------------------------------
```

```
1053 . *       RESULT: Not significant
1054 . * Impact on regime-specific model
1055 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
     >  newcivxmilexp avgtotalyrsschool if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        110
                                                     LR chi2(9)        =      35.70
                                                     Prob > chi2       =     0.0000
     Log likelihood = -58.231505                     Pseudo R2         =     0.2346

     ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     -------------------+----------------------------------------------------------
          newpolitymin1 |   .9376016   .0489403    -1.23   0.217     .8464238    1.038601
        newpolitymin1sq |   .9723971   .0101445    -2.68   0.007     .9527162    .9924846
      newincumbpowerdur |   1.053007   .0291195     1.87   0.062     .9974531    1.111655
            newgdppcthl |   .8815782   .1005342    -1.11   0.269     .7050027    1.102379
              newlnoill |   .8454089   .0496004    -2.86   0.004     .7535751    .9484339
    newmilexpsold10tile |   1.335623   .2268767     1.70   0.088     .9574011    1.863262
               civilwar |   .1907805   .2692454    -1.17   0.240     .0120018    3.032637
          newcivxmilexp |   .9264044   .2001929    -0.35   0.724     .6065391    1.414954
      avgtotalyrsschool |   .8469707   .1030128    -1.37   0.172     .6673306    1.074969
                  _cons |   3.073102   3.173926     1.09   0.277     .4059276    23.26511
     ------------------------------------------------------------------------------

1056 . *       RESULT: Not significant
1057 . * Impact on opposition-specific model
1058 . logit success lnparticnum urbandum deathtile10 democrat antimonarch avgtotalyrsschool if startyear>1899, or nolo
     > g

     Logistic regression                             Number of obs     =        122
                                                     LR chi2(6)        =      19.73
                                                     Prob > chi2       =     0.0031
     Log likelihood =  -74.68357                     Pseudo R2         =     0.1167

     ------------------------------------------------------------------------------
              success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     -----------------+----------------------------------------------------------
          lnparticnum |   1.387927   .1950222     2.33   0.020     1.053808    1.827981
             urbandum |    .457679   .3197323    -1.12   0.263       .11639    1.799725
          deathtile10 |   .8576264   .0804965    -1.64   0.102     .7135176    1.030841
             democrat |   2.715466   1.461827     1.86   0.064     .9453956    7.799648
          antimonarch |   .9750069    .762435    -0.03   0.974     .2105648    4.514707
     avgtotalyrsschool |   .8156387   .0719557    -2.31   0.021     .6861274    .9695962
                 _cons |    .150545   .2226829    -1.28   0.201     .0082906    2.733666
     ------------------------------------------------------------------------------

1059 . *       RESULT: Is statistically significant, but switches signs from negative to positive
1060 . * Impact on combined reduced model
1061 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 newpolitymin1 newpolitymin1sq newincumbpowerdur n
     > ewgdppcthl newlnoill newmilexpsold10tile avgtotalyrsschool if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        104
                                                     LR chi2(11)       =      39.22
                                                     Prob > chi2       =     0.0000
     Log likelihood = -52.456308                     Pseudo R2         =     0.2721

     ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     -------------------+----------------------------------------------------------
            lnparticnum |     1.3671   .2470752     1.73   0.084     .9593196    1.948218
               urbandum |   14.76062   37.03705     1.07   0.283     .1079661    2018.004
            deathtile10 |   1.005758   .2805008     0.02   0.984     .5822346    1.737358
        urbxdeathtile10 |   .6766853   .2111857    -1.25   0.211     .3670596     1.24749
          newpolitymin1 |   .9440737   .0526975    -1.03   0.303     .8462378    1.053221
        newpolitymin1sq |   .9814615   .0107441    -1.71   0.087     .9606277    1.002747
      newincumbpowerdur |   1.050184   .0334532     1.54   0.124     .9866214    1.117841
            newgdppcthl |   .7730689   .1029133    -1.93   0.053     .5955301    1.003535
              newlnoill |   .9040943   .0554096    -1.65   0.100     .8017626    1.019487
    newmilexpsold10tile |   1.158185   .1526209     1.11   0.265     .8945612    1.499498
      avgtotalyrsschool |   .9116239   .1197876    -0.70   0.481     .7046406    1.179407
                  _cons |   .0286853   .0844521    -1.21   0.228     .0000895    9.197642
     ------------------------------------------------------------------------------

1062 . *       RESULT: Not significant
1063 .
1064 . ****************************************
1065 . * Military personnel per 1000 population
1066 . ****************************************
1067 . * Multiple imputation, impact on regime-specific model
1068 . clear

1069 . use revolutionaryeps.dta

1070 . drop if colony==1
     (57 observations deleted)

1071 . mi set wide
```

```
1072 . mi xtset, clear

1073 . mi stset, clear

1074 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
     > wcivxmilexp milper1000

1075 . tab _mi_miss

   _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        212       73.61       73.61
          1 |         76       26.39      100.00
------------+-----------------------------------
      Total |        288      100.00

1076 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
     > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
     > m, knn(3)) milper1000 = success civilwar, add(30) rseed(1234) force dots

     Conditional models:
         newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq milper1000
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
              newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq milper1000
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq milper1000
                          newmilexpsold10tile newcivxmilexp success civilwar , ll(0)
          newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq milper1000
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1 milper1000
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
             milper1000: pmm milper1000 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                          newpolitymin1sq milper1000 newcivxmilexp success civilwar , ll(0) ul(10)
          newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          milper1000 newmilexpsold10tile success civilwar , knn(3)

     Performing chained iterations:
       imputing m=1 through m=30 .........10.........20.........30 done

     Multivariate imputation                     Imputations =       30
     Chained equations                                 added =       30
     Imputed: m=1 through m=30                       updated =        0

     Initialization: monotone                     Iterations =      300
                                                     burn-in =       10

          newpolitymin1: predictive mean matching
         newpolitymin~q: predictive mean matching
            newgdppcthl: truncated regression
              newlnoill: predictive mean matching
         newincumbpow~r: predictive mean matching
         newmilexpsol~e: truncated regression
          newcivxmilexp: predictive mean matching
             milper1000: predictive mean matching

     ------------------------------------------------------------------
                       |               Observations per m
                       |-----------------------------------------------
                 Variable |   Complete   Incomplete   Imputed |     Total
     -------------------+-----------------------------------+----------
          newpolitymin1 |        276           12        12 |       288
         newpolitymin~q |        276           12        12 |       288
            newgdppcthl |        283            5         5 |       288
              newlnoill |        285            3         3 |       288
         newincumbpow~r |        286            2         2 |       288
         newmilexpsol~e |        240           48        48 |       288
          newcivxmilexp |        240           48        48 |       288
             milper1000 |        245           43        43 |       288
     ------------------------------------------------------------------
     (complete + incomplete = total; imputed is the minimum across m
      of the number of filled-in observations.)

1077 . * Bivariate
1078 . mi estimate, post dots eform saving(miest, replace): logit success milper1000 if startyear>1899

     Imputations (30):
       .........10.........20.........30 done

     Multiple-imputation estimates                   Imputations       =         30
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.1097
                                                     Largest FMI       =     0.1815
     DF adjustment:   Large sample                   DF:     min       =     898.60
                                                             avg       =   4,747.50
                                                             max       =   8,596.40
     Model F test:       Equal FMI                   F(   1,  898.6)   =       0.08
     Within VCE type:          OIM                   Prob > F          =     0.7793

     ------------------------------------------------------------------------------
          success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     -------------+----------------------------------------------------------------
       milper1000 |   1.002849   .0101799     0.28   0.779     .9830676    1.023028
            _cons |   .5952162   .0870705    -3.55   0.000     .4468278    .7928834
     ------------------------------------------------------------------------------
```

```
1079 . *       RESULT:  Not significant
1080 . * By urban/rural
1081 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.milper1000 if startyear>1899

     Imputations (30):
       .........10.........20.........30 done

     Multiple-imputation estimates                   Imputations       =         30
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0915
                                                     Largest FMI       =     0.1238
     DF adjustment:   Large sample                   DF:     min       =   1,921.82
                                                             avg       =   5,538.83
                                                             max       =  10,881.25
     Model F test:       Equal FMI                   F(   3, 6760.3)   =       4.82
     Within VCE type:          OIM                   Prob > F          =     0.0024

     ------------------------------------------------------------------------------
                  success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     ---------------------+--------------------------------------------------------
                urbandum |
                     yes |   2.735457   .9267036     2.97   0.003     1.408038    5.314293
               milper1000 |   .9840729   .0386285    -0.41   0.683     .9111659    1.062814
                          |
     urbandum#c.milper1000 |
                     yes |   1.012622   .0414783     0.31   0.759     .9344562    1.097326
                         |
                   _cons |    .347999   .0966256    -3.80   0.000     .2019326    .5997214
     ------------------------------------------------------------------------------

1082 . *       RESULT:  Not significant
1083 . * Impact on regime-specific model
1084 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
     > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp milper1000 if startyear>1899

     Imputations (30):
       .........10.........20.........30 done

     Multiple-imputation estimates                   Imputations       =         30
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0915
                                                     Largest FMI       =     0.2218
     DF adjustment:   Large sample                   DF:     min       =     603.67
                                                             avg       =   6,743.14
                                                             max       =  19,865.09
     Model F test:       Equal FMI                   F(   9,30988.5)   =       5.46
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
                success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     -------------------+--------------------------------------------------------
       newpolitymin1 |   .8929023   .0291435    -3.47   0.001     .8375536    .9519086
     newpolitymin1sq |   .9770172   .0063261    -3.59   0.000     .9646905    .9895014
   newincumbpowerdur |   1.046578    .018597     2.56   0.010     1.010754    1.083672
         newgdppcthl |   .8378614   .0661575    -2.24   0.025     .7177214    .9781117
           newlnoill |   .8839529   .0324918    -3.36   0.001     .8225046    .9499919
     newmilexpsold10tile |   1.492078   .1354322     4.41   0.000       1.2488    1.782749
            civilwar |   .9081135   .6361362    -0.14   0.891     .2298337    3.588116
       newcivxmilexp |   .8121476   .0968135    -1.75   0.081     .6428033    1.026105
          milper1000 |   1.002596   .0127504     0.20   0.839     .9778655    1.027952
               _cons |   .3404887   .1603526    -2.29   0.022     .1352581    .8571214
     ------------------------------------------------------------------------------

1085 . *       RESULT:  Not significant
1086 .
1087 . * Multiple imputation, impact on opposition-specific model
1088 . clear

1089 . use revolutionaryeps.dta

1090 . mi set wide

1091 . mi xtset, clear

1092 . mi stset, clear

1093 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 milper1000

1094 . tab _mi_miss

     _mi_miss |      Freq.     Percent        Cum.
     ------------+-----------------------------------
            0 |        217       62.90       62.90
            1 |        128       37.10      100.00
     ------------+-----------------------------------
        Total |        345      100.00

1095 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
     > pmm, knn(3)) milper1000 = success urbandum democrat antimonarch, add(30) rseed(1234) force dots

     Conditional models:
            deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum milper1000 success urbandum democrat
                         antimonarch , ll(0) ul(10)
         urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum milper1000 success urbandum democrat antimonarch
                         , knn(3)
            lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 milper1000 success urbandum democrat antimonarch
                         , knn(3)
             milper1000: pmm milper1000 deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat antimonarch
                         , knn(3)
```

```
Performing chained iterations:
  imputing m=1 through m=30 .........10.........20.........30 done

Multivariate imputation                     Imputations =       30
Chained equations                                 added =       30
Imputed: m=1 through m=30                       updated =        0

Initialization: monotone                     Iterations =      300
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
        milper1000: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+-----------
       lnparticnum |        322           23        23 |       345
       deathtile10 |        327           18        18 |       345
    urbxdeathti~10 |        327           18        18 |       345
        milper1000 |        246           99        99 |       345
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1096 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
     > e10  democrat antimonarch milper1000 if startyear>1899

Imputations (30):
  .........10.........20.........30 done

Multiple-imputation estimates                   Imputations       =         30
Logistic regression                             Number of obs     =        343
                                                Average RVI       =     0.0308
                                                Largest FMI       =     0.1165
DF adjustment:   Large sample                   DF:     min       =   2,168.77
                                                        avg       = 147,117.01
                                                        max       = 447,333.57
Model F test:       Equal FMI                   F(   7,176625.6)  =       7.99
Within VCE type:          OIM                   Prob > F          =     0.0000

------------------------------------------------------------------------------
        success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
    lnparticnum |   1.341712   .1207439     3.27   0.001     1.124714    1.600575
       urbandum |   19.55307   20.28278     2.87   0.004     2.559992    149.3452
    deathtile10 |   1.331174   .1554876     2.45   0.014     1.058789    1.673633
urbxdeathtile10 |   .5935415   .0815485    -3.80   0.000       .45342    .7769652
       democrat |    2.78853   .9757242     2.93   0.003     1.404539    5.536266
    antimonarch |   2.446659   1.113244     1.97   0.049     1.002929    5.968656
     milper1000 |   1.000797   .0121218     0.07   0.948     .9773056    1.024853
           cons |   .0019368   .0021475    -5.63   0.000     .0002204    .0170183
------------------------------------------------------------------------------

1097 . *       RESULT:  Not significant
1098 .
1099 . * Complete-case sample
1100 . clear

1101 . use revolutionaryeps.dta

1102 . * Military personnel per 1000 population
1103 . * Bivariate
1104 . logit success milper1000 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        245
                                                LR chi2(1)        =       0.25
                                                Prob > chi2       =     0.6201
Log likelihood = -162.52384                     Pseudo R2         =     0.0008

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  milper1000 |    1.00495   .0099717     0.50   0.619     .9855945    1.024685
       _cons |   .5882301   .0905467    -3.45   0.001     .4350319    .7953777
------------------------------------------------------------------------------

1105 . *       RESULT: Not significant
1106 . * Military personnel per 1000 population, by urban/rural
1107 . logit success i.urbandum##c.milper1000 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        245
                                                LR chi2(3)        =      13.51
                                                Prob > chi2       =     0.0037
Log likelihood = -155.89096                     Pseudo R2         =     0.0415

------------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
             urbandum |
                 yes |   2.598915   .9091892     2.73   0.006      1.30922     5.15907
          milper1000 |   .9867477   .0386693    -0.34   0.734     .9137948    1.065525
                     |
urbandum#c.milper1000 |
                 yes |   1.011629   .0410965     0.28   0.776     .9342044     1.09547
                     |
               _cons |   .3592153    .102423    -3.59   0.000     .2054243     .628142
------------------------------------------------------------------------------------
```

```
1108 . *       RESULT: Not significant
1109 . * Impact on regime-specific model
1110 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
     >  newcivxmilexp milper1000 if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        212
                                                     LR chi2(9)        =      65.61
                                                     Prob > chi2       =     0.0000
     Log likelihood = -106.65963                     Pseudo R2         =     0.2352

     ------------------------------------------------------------------------------
                  success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     ---------------------+--------------------------------------------------------
           newpolitymin1 |   .9040665   .0333836    -2.73   0.006     .8409474    .9719231
         newpolitymin1sq |   .9755699   .0072809    -3.31   0.001     .9614034    .9899452
       newincumbpowerdur |   1.064713   .0228886     2.92   0.004     1.020784    1.110532
              newgdppcthl |   .8761749   .0773065    -1.50   0.134     .7370344    1.041583
                newlnoill |    .868069   .0364367    -3.37   0.001      .799513    .9425034
     newmilexpsold10tile |   1.510233   .1513035     4.12   0.000     1.240983    1.837901
                civilwar |   1.272654   .9886492     0.31   0.756     .2776278    5.833888
            newcivxmilexp |    .772479    .104376    -1.91   0.056     .5927531    1.006699
               milper1000 |   .9996568   .0129843    -0.03   0.979     .9745292    1.025432
                    _cons |   .2852233   .1481433    -2.42   0.016     .1030567    .7893943
     ------------------------------------------------------------------------------

1111 . *       RESULT: Not significant
1112 .
1113 .
1114 . ****************************
1115 . * V-Dem civil society index
1116 . ****************************
1117 . * Multiple imputation, impact on regime-specific model
1118 . clear

1119 . use revolutionaryeps.dta

1120 . drop if colony==1
     (57 observations deleted)

1121 . mi set wide

1122 . mi xtset, clear

1123 . mi stset, clear

1124 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
     > wcivxmilexp newvdcivsocmin1

1125 . tab _mi_miss

        _mi_miss |      Freq.     Percent        Cum.
     ------------+-----------------------------------
               0 |        227       78.82       78.82
               1 |         61       21.18      100.00
     ------------+-----------------------------------
           Total |        288      100.00

1126 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
     > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
     > m, knn(3)) newvdcivsocmin1 = success civilwar, add(30) rseed(1234) force dots

     Conditional models:
         newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newvdcivsocmin1 newpolitymin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
              newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newvdcivsocmin1 newpolitymin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newvdcivsocmin1 newpolitymin1
                         newpolitymin1sq newmilexpsold10tile newcivxmilexp success civilwar , ll(0)
         newvdcivsocm~1: pmm newvdcivsocmin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
          newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newvdcivsocmin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newvdcivsocmin1 newpolitymin1
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newvdcivsocmin1
                         newpolitymin1 newpolitymin1sq newcivxmilexp success civilwar , ll(0) ul(10)
          newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newvdcivsocmin1 newpolitymin1
                         newpolitymin1sq newmilexpsold10tile success civilwar , knn(3)

     Performing chained iterations:
       imputing m=1 through m=30 .........10.........20.........30 done

     Multivariate imputation                     Imputations =       30
     Chained equations                                 added =       30
     Imputed: m=1 through m=30                       updated =        0

     Initialization: monotone                     Iterations =      300
                                                     burn-in =       10

          newpolitymin1: predictive mean matching
         newpolitymin~q: predictive mean matching
            newgdppcthl: truncated regression
              newlnoill: predictive mean matching
         newincumbpow~r: predictive mean matching
         newmilexpsol~e: truncated regression
          newcivxmilexp: predictive mean matching
         newvdcivsocm~1: predictive mean matching
```

```
------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
    newvdcivsocm~1 |        279            9         9 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1127 . * Bivariate
1128 . mi estimate, post dots eform saving(miest, replace): logit success newvdcivsocmin1 if startyear>1899

Imputations (30):
  .........10.........20.........30 done

Multiple-imputation estimates                   Imputations       =         30
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0064
                                                Largest FMI       =     0.0122
DF adjustment:   Large sample                   DF:     min       = 195,476.15
                                                        avg       = 273,447.21
                                                        max       = 351,418.27
Model F test:       Equal FMI                   F(   1,195476.2)  =       6.05
Within VCE type:          OIM                   Prob > F          =     0.0139

------------------------------------------------------------------------------
        success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
newvdcivsocmin1 |    .304547   .1471507    -2.46   0.014     .1181324    .7851262
           cons |   1.002086   .2329583     0.01   0.993     .6353644    1.580474
------------------------------------------------------------------------------

1129 . *       RESULT:  Significant at the .05 level, but negative (i.e., thicker civil society lowers probability of o
> pposition victory?)  Does not make theoretical sense.
1130 . * By urban/rural
1131 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.newvdcivsocmin1 if startyear>18
> 99

Imputations (30):
  .........10.........20.........30 done

Multiple-imputation estimates                   Imputations       =         30
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0043
                                                Largest FMI       =     0.0066
DF adjustment:   Large sample                   DF:     min       = 672,165.49
                                                        avg       = 1352294.66
                                                        max       = 1938940.56
Model F test:       Equal FMI                   F(   3, 2.5e+06)  =       6.69
Within VCE type:          OIM                   Prob > F          =     0.0002

------------------------------------------------------------------------------------------
                   success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------------+--------------------------------------------------------------
                  urbandum |
                       yes |   2.776522   1.386322     2.05   0.041     1.043505    7.387679
            newvdcivsocmin1 |   .3350012   .2755372    -1.33   0.184     .0668245     1.67941
                            |
urbandum#c.newvdcivsocmin1 |
                       yes |   .9939712   1.023052    -0.01   0.995     .1322109    7.472747
                            |
                     _cons |    .518693   .2084275    -1.63   0.102     .2359772    1.140121
------------------------------------------------------------------------------------------

1132 . *       RESULT:  Not significant
1133 . * Impact on regime-specific model
1134 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
> ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp newvdcivsocmin1 if startyear>1899

Imputations (30):
  .........10.........20.........30 done

Multiple-imputation estimates                   Imputations       =         30
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0745
                                                Largest FMI       =     0.2004
DF adjustment:   Large sample                   DF:     min       =     738.16
                                                        avg       =  10,293.41
                                                        max       =  57,653.01
Model F test:       Equal FMI                   F(   9,46901.2)   =       5.55
Within VCE type:          OIM                   Prob > F          =     0.0000
```

```
------------------------------------------------------------------------------
             success |      exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
      newpolitymin1 |   .8928757   .0403404    -2.51   0.012      .817184    .9755785
    newpolitymin1sq |   .9773219   .0064058    -3.50   0.000     .9648362    .9899692
  newincumbpowerdur |   1.045888   .0183284     2.56   0.010     1.010574    1.082436
        newgdppcthl |   .8446537   .0663478    -2.15   0.032     .7241103     .985264
          newlnoill |   .8847584   .0323597    -3.35   0.001     .8235507    .9505151
newmilexpsold10tile |   1.484885   .1396195     4.20   0.000     1.234623    1.785876
           civilwar |   .8765801   .6233779    -0.19   0.853     .2171661    3.538272
      newcivxmilexp |   .8162462   .1008001    -1.64   0.101     .6405186    1.040185
    newvdcivsocmin1 |   1.085702   .9824876     0.09   0.928     .1842093     6.39897
               cons |   .3372951   .2179787    -1.68   0.093     .0950098    1.197434
------------------------------------------------------------------------------

1135 . *       RESULT:  Not significant
1136 .
1137 . * Multiple imputation, impact on opposition-specific model
1138 . clear

1139 . use revolutionaryeps.dta

1140 . drop if colony==1
     (57 observations deleted)

1141 . * generate urbxdeathtile10 = urbandum * deathtile10
1142 . mi set wide

1143 . mi xtset, clear

1144 . mi stset, clear

1145 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 newvdcivsocmin1

1146 . tab _mi_miss

   _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        249       86.46       86.46
          1 |         39       13.54      100.00
------------+-----------------------------------
      Total |        288      100.00

1147 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
> pmm, knn(3)) newvdcivsocmin1 = success urbandum democrat antimonarch, add(20) rseed(1234) force dots

Conditional models:
    newvdcivsocm~1: pmm newvdcivsocmin1 deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat
                     antimonarch , knn(3)
       deathtile10: truncreg deathtile10 newvdcivsocmin1 urbxdeathtile10 lnparticnum success urbandum democrat
                     antimonarch , ll(0) ul(10)
    urbxdeathti~10: pmm urbxdeathtile10 newvdcivsocmin1 deathtile10 lnparticnum success urbandum democrat
                     antimonarch , knn(3)
       lnparticnum: pmm lnparticnum newvdcivsocmin1 deathtile10 urbxdeathtile10 success urbandum democrat
                     antimonarch , knn(3)

Performing chained iterations:
  imputing m=1 through m=20 .........10.........20 done

Multivariate imputation                     Imputations =       20
Chained equations                                added =       20
Imputed: m=1 through m=20                        updated =        0

Initialization: monotone                     Iterations =      200
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
    newvdcivsocm~1: predictive mean matching

------------------------------------------------------------------
                  |              Observations per m
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+----------
       lnparticnum |        267           21        21 |       288
       deathtile10 |        275           13        13 |       288
    urbxdeathti~10 |        275           13        13 |       288
    newvdcivsocm~1 |        279            9         9 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1148 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
> e10  democrat antimonarch newvdcivsocmin1 if startyear>1899

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

Multiple-imputation estimates                   Imputations       =         20
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0219
                                                Largest FMI       =     0.0835
DF adjustment:   Large sample                   DF:     min       =   2,771.12
                                                        avg       =  63,049.33
                                                        max       = 132,490.30
Model F test:       Equal FMI                   F(   7,221015.5)  =       7.63
Within VCE type:          OIM                   Prob > F          =     0.0000
```

```
------------------------------------------------------------------------------
     success |      exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 lnparticnum |   1.415313   .1467105     3.35   0.001     1.154991    1.734307
    urbandum |   23.22148   28.78975     2.54   0.011     2.044353     263.769
deathtile10 |   1.304477   .1851383     1.87   0.061     .9877049    1.722842
urbxdeathtile10 |   .5761796   .0915356    -3.47   0.001     .4220163     .786659
    democrat |   2.130649   .8048412     2.00   0.045     1.016184    4.467367
antimonarch |   2.182871    1.07792     1.58   0.114       .82925    5.746065
newvdcivsocmin1 |   .3456995   .2024039    -1.81   0.070      .109724     1.08917
      _cons |   .0020275   .0027309    -4.60   0.000     .0001447    .0284125
------------------------------------------------------------------------------

1149 . *       RESULT:  Marginally significant at the .10 level, but negative (thicker civil society should aid revolut
     > ionaries, not hinder them)
1150 .
1151 . * Complete-case sample
1152 . clear

1153 . use revolutionaryeps.dta

1154 . * V-Dem civil society index
1155 . * Bivariate
1156 . logit success newvdcivsocmin1 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        279
                                                LR chi2(1)        =       6.06
                                                Prob > chi2       =     0.0139
Log likelihood = -181.73861                     Pseudo R2         =     0.0164

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newvdcivsocmin1 |   .3069065   .1494514    -2.43   0.015     .1181693    .7970905
      _cons |   .9931655   .2343617    -0.03   0.977     .6254028    1.577188
------------------------------------------------------------------------------

1157 . *       RESULT: Marginally significant at .05 level, but negative (by theory, should be positive, not negative--
     > probably proxying for something else)
1158 . * V-Dem civil society index, by urban/rural
1159 . logit success i.urbandum##c.newvdcivsocmin1 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        279
                                                LR chi2(3)        =      19.54
                                                Prob > chi2       =     0.0002
Log likelihood = -174.99792                     Pseudo R2         =     0.0529

------------------------------------------------------------------------------------------
                 success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------------------+----------------------------------------------------------------
                urbandum |
                    yes  |   2.426617   1.224203     1.76   0.079     .9027739    6.522644
        newvdcivsocmin1 |   .3047999   .2523817    -1.43   0.151      .060145    1.544651
                        |
urbandum#c.newvdcivsocmin1 |
                    yes  |   1.177905   1.220236     0.16   0.874     .1546389    8.972257
                        |
                  _cons |   .5603258   .2272535    -1.43   0.153     .2530554    1.240697
------------------------------------------------------------------------------------------

1160 . *       RESULT:  not significant
1161 . * Impact on opposition-specific model
1162 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch newvdcivsocmin1 if startyear
     > >1899, or nolog

Logistic regression                             Number of obs     =        249
                                                LR chi2(7)        =      56.42
                                                Prob > chi2       =     0.0000
Log likelihood = -137.32867                     Pseudo R2         =     0.1704

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 lnparticnum |   1.370009   .1430296     3.02   0.003     1.116497    1.681084
    urbandum |    13.4409   16.30004     2.14   0.032     1.247842    144.7761
deathtile10 |   1.268161   .1739494     1.73   0.083     .9692097    1.659322
urbxdeathtile10 |   .6194624   .0967984    -3.06   0.002     .4560417    .8414444
    democrat |   2.314984   .9322976     2.08   0.037     1.051355    5.097374
antimonarch |   2.529767    1.44981     1.62   0.105     .8227289    7.778651
newvdcivsocmin1 |   .3922424   .2347919    -1.56   0.118     .1213486    1.267868
      _cons |   .0037823   .0050691    -4.16   0.000     .0002735    .0523066
------------------------------------------------------------------------------

1163 . *       RESULT: Not significant
1164 .
1165 .
1166 . ****************************************
1167 . * Private ownership of the economy (V-Dem)
1168 . ****************************************
```

```
1169 . * Multiple imputation, impact on regime-specific model
1170 . clear

1171 . use revolutionaryeps.dta

1172 . drop if colony==1
     (57 observations deleted)

1173 . mi set wide

1174 . mi xtset, clear

1175 . mi stset, clear

1176 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
     > wcivxmilexp newvdstateownmin1

1177 . tab _mi_miss

   _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        227       78.82       78.82
          1 |         61       21.18      100.00
------------+-----------------------------------
      Total |        288      100.00

1178 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
     > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
     > m, knn(3)) newvdstateownmin1 = success civilwar, add(30) rseed(1234) force dots

     Conditional models:
         newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newvdstateownmin1 newpolitymin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
              newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newvdstateownmin1 newpolitymin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newvdstateownmin1 newpolitymin1
                         newpolitymin1sq newmilexpsold10tile newcivxmilexp success civilwar , ll(0)
         newvdstateow~1: pmm newvdstateownmin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
          newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newvdstateownmin1 newpolitymin1sq
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newvdstateownmin1 newpolitymin1
                         newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newvdstateownmin1
                         newpolitymin1 newpolitymin1sq newcivxmilexp success civilwar , ll(0) ul(10)
          newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newvdstateownmin1 newpolitymin1
                         newpolitymin1sq newmilexpsold10tile success civilwar , knn(3)

     Performing chained iterations:
       imputing m=1 through m=30 .........10.........20.........30 done

     Multivariate imputation                     Imputations =       30
     Chained equations                                 added =       30
     Imputed: m=1 through m=30                     updated =        0

     Initialization: monotone                     Iterations =      300
                                                     burn-in =       10

          newpolitymin1: predictive mean matching
         newpolitymin~q: predictive mean matching
            newgdppcthl: truncated regression
              newlnoill: predictive mean matching
         newincumbpow~r: predictive mean matching
         newmilexpsol~e: truncated regression
          newcivxmilexp: predictive mean matching
         newvdstateow~1: predictive mean matching

     ------------------------------------------------------------------
                       |               Observations per m
                       |-----------------------------------------------
                 Variable |   Complete   Incomplete   Imputed |     Total
     -------------------+-----------------------------------+----------
          newpolitymin1 |        276           12        12 |       288
         newpolitymin~q |        276           12        12 |       288
            newgdppcthl |        283            5         5 |       288
              newlnoill |        285            3         3 |       288
         newincumbpow~r |        286            2         2 |       288
         newmilexpsol~e |        240           48        48 |       288
          newcivxmilexp |        240           48        48 |       288
         newvdstateow~1 |        279            9         9 |       288
     ------------------------------------------------------------------
     (complete + incomplete = total; imputed is the minimum across m
      of the number of filled-in observations.)

1179 . * Bivariate
1180 . mi estimate, post dots eform saving(miest, replace): logit success newvdstateownmin1 if startyear>1899

     Imputations (30):
       .........10.........20.........30 done

     Multiple-imputation estimates                   Imputations       =         30
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0187
                                                     Largest FMI       =     0.0361
     DF adjustment:   Large sample                   DF:     min       =  22,329.34
                                                             avg       =  25,849.39
                                                             max       =  29,369.45
     Model F test:       Equal FMI                   F(   1,22329.3)   =       0.05
     Within VCE type:          OIM                   Prob > F          =     0.8315
```

```
------------------------------------------------------------------------------
     success |      exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
newvdstateownmin1 |   .9702251   .1378396    -0.21   0.832     .7344056    1.281767
        cons |   .6523433   .2254741    -1.24   0.216     .3313273    1.284385
------------------------------------------------------------------------------

1181 . *       RESULT:  Not significant.
1182 . * By urban/rural
1183 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.newvdstateownmin1 if startyear>
     > 1899

     Imputations (30):
       .........10.........20.........30 done

     Multiple-imputation estimates                   Imputations       =         30
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0110
                                                     Largest FMI       =     0.0155
     DF adjustment:   Large sample                   DF:     min       = 121,595.84
                                                             avg       = 189,905.27
                                                             max       = 263,888.43
     Model F test:       Equal FMI                   F(   3,378593.6)  =       5.27
     Within VCE type:          OIM                   Prob > F          =     0.0012

     ------------------------------------------------------------------------------
                          success |      exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     -----------------------------+------------------------------------------------
                        urbandum |
                            yes  |   3.374179   2.757976     1.49   0.137     .6798459    16.74657
                 newvdstateownmin1 |   1.064657      .3052     0.22   0.827     .6070139     1.86733
                                   |
     urbandum#c.newvdstateownmin1 |
                            yes  |   .9299928   .3084453    -0.22   0.827     .4854715    1.781539
                                   |
                           _cons |   .2783112   .1978259    -1.80   0.072     .0691014    1.120919
     ------------------------------------------------------------------------------

1184 . *       RESULT:  Not significant
1185 . * Impact on regime-specific model
1186 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
     > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp newvdstateownmin1 if startyear>1899

     Imputations (30):
       .........10.........20.........30 done

     Multiple-imputation estimates                   Imputations       =         30
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0892
                                                     Largest FMI       =     0.2040
     DF adjustment:   Large sample                   DF:     min       =     712.17
                                                             avg       =   5,504.84
                                                             max       =  13,591.24
     Model F test:       Equal FMI                   F(   9,33361.7)   =       5.45
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
                  success |      exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     ---------------------+--------------------------------------------------------
           newpolitymin1 |   .8754161   .0309066    -3.77   0.000     .8168744    .9381533
         newpolitymin1sq |   .9774131     .00632    -3.53   0.000     .9650986    .9898847
       newincumbpowerdur |    1.04698   .0185539     2.59   0.010     1.011236    1.083987
             newgdppcthl |   .8531272   .0668705    -2.03   0.043      .731617    .9948183
               newlnoill |   .8913093   .0329715    -3.11   0.002     .8289656    .9583416
     newmilexpsold10tile |   1.494912   .1413705     4.25   0.000     1.241726    1.799722
                civilwar |   .8591014    .620547    -0.21   0.834      .208138    3.545989
           newcivxmilexp |   .8224593   .1018226    -1.58   0.115     .6449916    1.048757
       newvdstateownmin1 |   1.319311   .2476547     1.48   0.140     .9131453    1.906138
                   _cons |   .1573031   .1168248    -2.49   0.013     .0366813    .6745756
     ------------------------------------------------------------------------------

1187 . *       RESULT:  Not significant.
1188 .
1189 . * Impact on opposition-specific model
1190 . clear

1191 . use revolutionaryeps.dta

1192 . mi set wide

1193 . mi xtset, clear

1194 . mi stset, clear

1195 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 newvdstateownmin1

1196 . tab _mi_miss

    _mi_miss |      Freq.     Percent        Cum.
-------------+-----------------------------------
           0 |        249       72.17       72.17
           1 |         96       27.83      100.00
-------------+-----------------------------------
       Total |        345      100.00
```

```
1197 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
     > pmm, knn(3)) newvdstateownmin1 = success urbandum democrat antimonarch, add(20) rseed(1234) force dots

     Conditional models:
            deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum newvdstateownmin1 success urbandum democrat
                          antimonarch , ll(0) ul(10)
         urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum newvdstateownmin1 success urbandum democrat
                          antimonarch , knn(3)
            lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 newvdstateownmin1 success urbandum democrat
                          antimonarch , knn(3)
         newvdstateow~1: pmm newvdstateownmin1 deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat
                          antimonarch , knn(3)

     Performing chained iterations:
       imputing m=1 through m=20 .........10.........20 done

     Multivariate imputation                     Imputations =       20
     Chained equations                                 added =       20
     Imputed: m=1 through m=20                       updated =        0

     Initialization: monotone                     Iterations =      200
                                                     burn-in =       10

            lnparticnum: predictive mean matching
            deathtile10: truncated regression
         urbxdeathti~10: predictive mean matching
         newvdstateow~1: predictive mean matching

     ------------------------------------------------------------------
                         |               Observations per m
                         |-----------------------------------------------
                Variable |   Complete   Incomplete   Imputed |     Total
     --------------------+-----------------------------------+----------
            lnparticnum |        322           23        23 |       345
            deathtile10 |        327           18        18 |       345
         urbxdeathti~10 |        327           18        18 |       345
         newvdstateow~1 |        279           66        66 |       345
     ------------------------------------------------------------------
     (complete + incomplete = total; imputed is the minimum across m
      of the number of filled-in observations.)

1198 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
     > e10  democrat antimonarch vdstateownmin1 if startyear>1899

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

     Multiple-imputation estimates                   Imputations       =         20
     Logistic regression                             Number of obs     =        252
                                                     Average RVI       =     0.0159
                                                     Largest FMI       =     0.0623
     DF adjustment:   Large sample                   DF:     min       =   4,954.67
                                                             avg       = 331,719.21
                                                             max       = 1196747.85
     Model F test:       Equal FMI                   F(   7,408302.0)  =       5.38
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
            success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     ---------------+--------------------------------------------------------------
        lnparticnum |   1.265107   .1253051     2.37   0.018     1.041832    1.536232
           urbandum |   10.97362   12.83714     2.05   0.041     1.108088     108.674
        deathtile10 |   1.315333   .1777998     2.03   0.043     1.009184    1.714357
     urbxdeathtile10 |   .6014236   .0934703    -3.27   0.001     .4434947    .8155911
           democrat |   3.541409   1.346762     3.33   0.001     1.680629     7.46243
        antimonarch |   3.337942   1.792647     2.24   0.025     1.165035    9.563537
     vdstateownmin1 |   1.085017   .1849412     0.48   0.632     .7768712    1.515389
              _cons |   .0045711   .0063941    -3.85   0.000     .0002946    .0709175
     ------------------------------------------------------------------------------

1199 . *       RESULT:  Not significant
1200 .
1201 . * Complete-case sample
1202 . clear

1203 . use revolutionaryeps.dta

1204 . * Private ownership of the economy (V-Dem)
1205 . * Bivariate
1206 . logit success newvdstateownmin1 if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        279
                                                     LR chi2(1)        =       0.02
                                                     Prob > chi2       =     0.9004
     Log likelihood =  -184.7588                     Pseudo R2         =     0.0000

     ------------------------------------------------------------------------------
                success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     -------------------+----------------------------------------------------------
     newvdstateownmin1 |   .9822706   .1403809    -0.13   0.900     .7423042    1.299811
                 _cons |   .6286805   .2197862    -1.33   0.184     .3168477    1.247411
     ------------------------------------------------------------------------------
```

```
1207 . *       RESULT: Not significant
1208 . * Private ownership of the economy (V-Dem), by urban/rural
1209 . logit success i.urbandum##c.newvdstateownmin1 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        279
                                                LR chi2(3)        =      14.70
                                                Prob > chi2       =     0.0021
Log likelihood = -177.41583                     Pseudo R2         =     0.0398

------------------------------------------------------------------------------
                     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------------------+------------------------------------------------
                   urbandum |
                        yes  |   3.046774   2.505892     1.35   0.176     .6077837    15.27325
          newvdstateownmin1  |   1.058647   .3041337     0.20   0.843     .6028563    1.859041
                             |
urbandum#c.newvdstateownmin1 |
                        yes  |   .9470499   .3154879    -0.16   0.870     .4929634    1.819412
                             |
                      _cons  |   .2913523   .2076482    -1.73   0.084     .0720714    1.177807
------------------------------------------------------------------------------

1210 . *       RESULT: Not significant
1211 . * Impact on regime-specific model
1212 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
     >  newcivxmilexp newvdstateownmin1 if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        227
                                                LR chi2(9)        =      71.90
                                                Prob > chi2       =     0.0000
Log likelihood = -113.63651                     Pseudo R2         =     0.2403

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------
      newpolitymin1  |   .8978175   .0341842    -2.83   0.005     .8332567    .9673806
    newpolitymin1sq  |   .9730156   .0070031    -3.80   0.000      .959386    .9868388
  newincumbpowerdur  |   1.069871   .0222774     3.24   0.001     1.027087    1.114437
        newgdppcthl  |    .875322   .0723212    -1.61   0.107     .7444569    1.029191
          newlnoill  |    .874132   .0350674    -3.35   0.001     .8080338    .9456372
newmilexpsold10tile  |   1.494702   .1459675     4.12   0.000     1.234324    1.810006
           civilwar  |    1.00687   .7707703     0.01   0.993     .2245791    4.514168
      newcivxmilexp  |   .8116627   .1037921    -1.63   0.103     .6317241    1.042855
  newvdstateownmin1  |   1.146239   .2492386     0.63   0.530     .7484963    1.755338
               _cons |    .223305   .1849939    -1.81   0.070     .0440283    1.132568
------------------------------------------------------------------------------

1213 . *       RESULT: Not significant
1214 . * Impact on opposition-specific model
1215 . logit success lnparticnum urbandum deathtile10 urbxdeathtile10 democrat antimonarch newvdstateownmin1 if startye
     > ar>1899, or nolog

Logistic regression                             Number of obs     =        249
                                                LR chi2(7)        =      54.19
                                                Prob > chi2       =     0.0000
Log likelihood = -138.44309                     Pseudo R2         =     0.1637

------------------------------------------------------------------------------
           success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------------+----------------------------------------------------------
      lnparticnum  |   1.368246   .1444657     2.97   0.003     1.112475    1.682821
         urbandum  |   15.68337   18.95252     2.28   0.023     1.468276    167.5217
      deathtile10  |   1.326534   .1809949     2.07   0.038     1.015263    1.733237
  urbxdeathtile10  |   .6165595   .0960224    -3.11   0.002       .45437    .8366434
         democrat  |   2.683634   1.056314     2.51   0.012     1.240735    5.804535
      antimonarch  |   2.658205   1.518885     1.71   0.087     .8673934    8.146309
newvdstateownmin1  |   1.086932   .1841945     0.49   0.623     .7797504    1.515128
             _cons |   .0014684   .0021651    -4.42   0.000     .0000816    .0264186
------------------------------------------------------------------------------

1216 . *       RESULT: Not significant
1217 .
1218 .
1219 . **********************************
1220 . * V-Dem executive corruption index
1221 . **********************************
1222 . * Multiple imputation, impact on regime-specific model
1223 . clear

1224 . use revolutionaryeps.dta

1225 . drop if colony==1
     (57 observations deleted)

1226 . mi set wide

1227 . mi xtset, clear

1228 . mi stset, clear
```

```
1229 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
     > wcivxmilexp newv2x_execorr

1230 . tab _mi_miss

   _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        232       80.56       80.56
          1 |         56       19.44      100.00
------------+-----------------------------------
      Total |        288      100.00

1231 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
     > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
     > m, knn(3)) newv2x_execorr = success civilwar, add(20) rseed(1234) force dots

     Conditional models:
         newincumbpow~r: pmm newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1 newpolitymin1sq
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
              newlnoill: pmm newlnoill newincumbpowerdur newv2x_execorr newgdppcthl newpolitymin1 newpolitymin1sq
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newv2x_execorr: pmm newv2x_execorr newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newv2x_execorr newpolitymin1
                          newpolitymin1sq newmilexpsold10tile newcivxmilexp success civilwar , ll(0)
          newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1sq
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1
                          newmilexpsold10tile newcivxmilexp success civilwar , knn(3)
         newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newv2x execorr newgdppcthl
                          newpolitymin1 newpolitymin1sq newcivxmilexp success civilwar , ll(0) ul(10)
          newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1
                          newpolitymin1sq newmilexpsold10tile success civilwar , knn(3)

     Performing chained iterations:
       imputing m=1 through m=20 .........10.........20 done

     Multivariate imputation                     Imputations =       20
     Chained equations                                 added =       20
     Imputed: m=1 through m=20                     updated =        0

     Initialization: monotone                     Iterations =      200
                                                     burn-in =       10

          newpolitymin1: predictive mean matching
         newpolitymin~q: predictive mean matching
            newgdppcthl: truncated regression
              newlnoill: predictive mean matching
         newincumbpow~r: predictive mean matching
         newmilexpsol~e: truncated regression
          newcivxmilexp: predictive mean matching
         newv2x_execorr: predictive mean matching

     ------------------------------------------------------------------------
                       |               Observations per m
                       |-----------------------------------------------
                 Variable |   Complete   Incomplete   Imputed |     Total
     -------------------+-----------------------------------+----------
          newpolitymin1 |        276           12        12 |       288
         newpolitymin~q |        276           12        12 |       288
            newgdppcthl |        283            5         5 |       288
              newlnoill |        285            3         3 |       288
         newincumbpow~r |        286            2         2 |       288
         newmilexpsol~e |        240           48        48 |       288
          newcivxmilexp |        240           48        48 |       288
         newv2x_execorr |        285            3         3 |       288
     ------------------------------------------------------------------------
     (complete + incomplete = total; imputed is the minimum across m
      of the number of filled-in observations.)

1232 . * Bivariate
1233 . mi estimate, post dots eform saving(miest, replace): logit success newv2x_execorr if startyear>1899

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

     Multiple-imputation estimates                   Imputations       =         20
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0052
                                                     Largest FMI       =     0.0101
     DF adjustment:   Large sample                   DF:     min       = 185,396.95
                                                             avg       = 215,716.47
                                                             max       = 246,035.99
     Model F test:       Equal FMI                   F(   1,185396.9)  =       5.42
     Within VCE type:          OIM                   Prob > F          =     0.0199

     ------------------------------------------------------------------------------
           success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     --------------+---------------------------------------------------------------
     newv2x_execorr |   3.185637   1.585739     2.33   0.020     1.200838    8.451003
              _cons |   .3016396   .0996748    -3.63   0.000     .1578385    .5764527
     ------------------------------------------------------------------------------
```

```
1234 . *       RESULT:  Significant at the .05 level.
1235 . * By urban/rural
1236 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.newv2x_execorr if startyear>189
     > 9

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

     Multiple-imputation estimates                   Imputations       =         20
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0027
                                                     Largest FMI       =     0.0040
     DF adjustment:   Large sample                   DF:     min       = 1205449.56
                                                             avg       = 1964043.85
                                                             max       = 3099980.78
     Model F test:       Equal FMI                   F(   3, 4.0e+06)  =       7.23
     Within VCE type:          OIM                   Prob > F          =     0.0001

     ------------------------------------------------------------------------------
                  success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     -------------------------+----------------------------------------------------
                 urbandum |
                      yes  |   4.814124   3.734878     2.03   0.043     1.052303    22.02389
           newv2x_execorr |    6.47198   6.079199     1.99   0.047     1.026819     40.7925
                          |
     urbandum#c.newv2x_execorr |
                      yes  |   .4989578   .5602325    -0.62   0.536     .0552496    4.506076
                          |
                    _cons |   .0963663   .0644266    -3.50   0.000     .0259924    .3572762
     ------------------------------------------------------------------------------

1237 . *       RESULT:  Not significant
1238 . * Impact on regime-specific model
1239 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
     > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp newv2x_execorr if startyear>1899

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

     Multiple-imputation estimates                   Imputations       =         20
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.0733
                                                     Largest FMI       =     0.1876
     DF adjustment:   Large sample                   DF:     min       =     556.93
                                                             avg       =   6,839.16
                                                             max       =  18,932.25
     Model F test:       Equal FMI                   F(   9,31355.8)   =       5.53
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
                success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     -------------------+----------------------------------------------------------
          newpolitymin1 |   .8982111   .0291899    -3.30   0.001     .8427563     .957315
        newpolitymin1sq |    .977949   .0062825    -3.47   0.001     .9657068    .9903464
      newincumbpowerdur |    1.04667   .0187885     2.54   0.011     1.010482    1.084153
            newgdppcthl |   .8389369   .0663898    -2.22   0.027     .7183803     .979725
              newlnoill |   .8873208   .0323346    -3.28   0.001     .8261486    .9530224
     newmilexpsold10tile |   1.490206   .1415698     4.20   0.000     1.236533    1.795918
                civilwar |    .943646   .6636071    -0.08   0.934     .2374117    3.750732
           newcivxmilexp |   .8073776   .0962418    -1.79   0.073     .6389597    1.020187
           newv2x_execorr |   .9420589   .6028734    -0.09   0.926     .2687289    3.302492
                    _cons |   .3478589   .1961022    -1.87   0.061      .115213     1.05028
     ------------------------------------------------------------------------------

1240 . *       RESULT:  Not significant.
1241 .
1242 . * Multiple imputation, impact on opposition-specific model
1243 . clear

1244 . use revolutionaryeps.dta

1245 . mi set wide

1246 . mi xtset, clear

1247 . mi stset, clear

1248 . mi register imputed lnparticnum deathtile10 urbxdeathtile10 newv2x_execorr

1249 . tab _mi_miss

        _mi_miss |      Freq.     Percent        Cum.
     ------------+-----------------------------------
               0 |        253       73.33       73.33
               1 |         92       26.67      100.00
     ------------+-----------------------------------
           Total |        345      100.00

1250 . mi impute chained (pmm, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (
     > pmm, knn(3)) newv2x_execorr = success urbandum democrat antimonarch, add(20) rseed(1234) force dots

     Conditional models:
            deathtile10: truncreg deathtile10 urbxdeathtile10 lnparticnum newv2x_execorr success urbandum democrat
                          antimonarch , ll(0) ul(10)
         urbxdeathti~10: pmm urbxdeathtile10 deathtile10 lnparticnum newv2x_execorr success urbandum democrat
                          antimonarch , knn(3)
            lnparticnum: pmm lnparticnum deathtile10 urbxdeathtile10 newv2x_execorr success urbandum democrat
                          antimonarch , knn(3)
         newv2x_execorr: pmm newv2x_execorr deathtile10 urbxdeathtile10 lnparticnum success urbandum democrat
                          antimonarch , knn(3)
```

```
Performing chained iterations:
  imputing m=1 through m=20 .........10.........20 done

Multivariate imputation                     Imputations =       20
Chained equations                                 added =       20
Imputed: m=1 through m=20                       updated =        0

Initialization: monotone                     Iterations =      200
                                                burn-in =       10

       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
    newv2x_execorr: predictive mean matching

------------------------------------------------------------------
                    |               Observations per m
                    |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+-----------
       lnparticnum |        322           23        23 |       345
       deathtile10 |        327           18        18 |       345
    urbxdeathti~10 |        327           18        18 |       345
    newv2x_execorr |        285           60        60 |       345
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1251 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
     > e10  democrat antimonarch newv2x_execorr if startyear>1899

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

     Multiple-imputation estimates                   Imputations       =         20
     Logistic regression                             Number of obs     =        343
                                                     Average RVI       =     0.0372
                                                     Largest FMI       =     0.1548
     DF adjustment:   Large sample                   DF:     min       =     814.72
                                                             avg       =  47,401.46
                                                             max       = 198,531.69
     Model F test:       Equal FMI                   F(   7,79604.8)   =       8.51
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
            success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     ---------------+--------------------------------------------------------------
        lnparticnum |    1.37365   .1241312     3.51   0.000     1.150657     1.63986
          urbandum |   26.13122   28.11019     3.03   0.002     3.172865    215.2127
       deathtile10 |   1.347611   .1614016     2.49   0.013     1.065651    1.704174
     urbxdeathtile10 |   .5795117   .0816123    -3.87   0.000     .4397274    .7637319
           democrat |   2.212641   .8083653     2.17   0.030     1.081246    4.527905
        antimonarch |   2.248715   1.030188     1.77   0.077     .9161724    5.519397
     newv2x_execorr |   4.098064   2.365796     2.44   0.015     1.319631    12.72639
               cons |   .0005774   .0007159    -6.01   0.000     .0000508    .0065604
     ------------------------------------------------------------------------------

1252 . *       RESULT:  Significant at the .05 level (though not clear how this fits theoretically into the opposition
     > model)
1253 .
1254 . * Multiple imputation, impact on combined reduced model
1255 . clear

1256 . use revolutionaryeps.dta

1257 . drop if colony==1
     (57 observations deleted)

1258 . mi set wide

1259 . mi xtset, clear

1260 . mi stset, clear

1261 . mi register imputed newpolitymin1 newpolitymin1sq newgdppcthl newlnoill newincumbpowerdur newmilexpsold10tile ne
     > wcivxmilexp lnparticnum deathtile10 urbxdeathtile10 newv2x_execorr

1262 . tab _mi_miss

         mi miss |      Freq.     Percent        Cum.
     ------------+-----------------------------------
               0 |        211       73.26       73.26
               1 |         77       26.74      100.00
     ------------+-----------------------------------
           Total |        288      100.00

1263 . * Impute
1264 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
     > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
     > m, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (pmm, knn(3)) newv2x_e
     > xecorr = success civilwar urbandum democrat antimonarch, add(30) rseed(1234) force dots
```

```
Conditional models:
    newincumbpow~r: pmm newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1 newpolitymin1sq
                     deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                     urbandum democrat antimonarch , knn(3)
          newlnoill: pmm newlnoill newincumbpowerdur newv2x execorr newgdppcthl newpolitymin1 newpolitymin1sq
                     deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                     urbandum democrat antimonarch , knn(3)
    newv2x_execorr: pmm newv2x_execorr newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                     urbandum democrat antimonarch , knn(3)
       newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newv2x_execorr newpolitymin1
                     newpolitymin1sq deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp
                     success civilwar urbandum democrat antimonarch , ll(0)
     newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1sq
                     deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                     urbandum democrat antimonarch , knn(3)
    newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1
                     deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                     urbandum democrat antimonarch , knn(3)
       deathtile10: truncreg deathtile10 newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1
                     newpolitymin1sq urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success
                     civilwar urbandum democrat antimonarch , ll(0) ul(10)
    urbxdeathti~10: pmm urbxdeathtile10 newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1
                     newpolitymin1sq deathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                     urbandum democrat antimonarch , knn(3)
       lnparticnum: pmm lnparticnum newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1
                     newpolitymin1sq deathtile10 urbxdeathtile10 newmilexpsold10tile newcivxmilexp success
                     civilwar urbandum democrat antimonarch , knn(3)
    newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newv2x_execorr newgdppcthl
                     newpolitymin1 newpolitymin1sq deathtile10 urbxdeathtile10 lnparticnum newcivxmilexp success
                     civilwar urbandum democrat antimonarch , ll(0) ul(10)
     newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newv2x_execorr newgdppcthl newpolitymin1
                     newpolitymin1sq deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile success
                     civilwar urbandum democrat antimonarch , knn(3)

Performing chained iterations:
  imputing m=1 through m=30 .........10.........20.........30 done

Multivariate imputation                     Imputations =       30
Chained equations                                 added =       30
Imputed: m=1 through m=30                       updated =        0

Initialization: monotone                     Iterations =      300
                                                burn-in =       10

     newpolitymin1: predictive mean matching
    newpolitymin~q: predictive mean matching
       newgdppcthl: truncated regression
          newlnoill: predictive mean matching
    newincumbpow~r: predictive mean matching
    newmilexpsol~e: truncated regression
     newcivxmilexp: predictive mean matching
       lnparticnum: predictive mean matching
       deathtile10: truncated regression
    urbxdeathti~10: predictive mean matching
    newv2x_execorr: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
         Variable |   Complete   Incomplete   Imputed |     Total
------------------+-----------------------------------+-----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
          newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
       lnparticnum |        267           21        21 |       288
       deathtile10 |        275           13        13 |       288
    urbxdeathti~10 |        275           13        13 |       288
    newv2x_execorr |        285            3         3 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1265 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
     > e10  newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile newv2x_execorr if
     >  startyear>1899

Imputations (30):
  .........10.........20.........30 done

Multiple-imputation estimates                   Imputations       =         30
Logistic regression                             Number of obs     =        288
                                                Average RVI       =     0.0581
                                                Largest FMI       =     0.1591
DF adjustment:   Large sample                   DF:     min       =   1,166.56
                                                        avg       =  19,135.69
                                                        max       =  46,877.59
Model F test:       Equal FMI                   F(  11,94814.7)   =       5.73
Within VCE type:          OIM                   Prob > F          =     0.0000
```

```
------------------------------------------------------------------------------
             success |      exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------------
        lnparticnum |   1.720957   .2123601     4.40   0.000     1.351206    2.191889
           urbandum |    37.3839   49.64778     2.73   0.006     2.768246    504.8525
        deathtile10 |   1.270327   .1924663     1.58   0.114     .9439459    1.709557
    urbxdeathtile10 |   .5697846   .0979717    -3.27   0.001     .4067665    .7981346
      newpolitymin1 |   .8960499   .0322796    -3.05   0.002     .8349338    .9616397
    newpolitymin1sq |   .9796301   .0069183    -2.91   0.004      .966153    .9932952
  newincumbpowerdur |   1.032579   .0204597     1.62   0.106     .9932457     1.07347
        newgdppcthl |   .7649538   .0666045    -3.08   0.002     .6449337    .9073092
          newlnoill |   .8913477   .0364158    -2.82   0.005      .822749    .965666
newmilexpsold10tile |   1.287187    .097829     3.32   0.001     1.108872    1.494177
     newv2x_execorr |    1.68029    1.17154     0.74   0.457     .4284173    6.590243
              _cons |   .0001373   .0002256    -5.41   0.000     5.49e-06    .0034372
------------------------------------------------------------------------------

1266 . *       RESULT:  Not significant
1267 .
1268 . * Complete-case sample
1269 . clear

1270 . use revolutionaryeps.dta

1271 . * V-Dem executive corruption index
1272 . * Bivariate
1273 . logit success v2x_execorr if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        228
                                                LR chi2(1)        =       3.00
                                                Prob > chi2       =     0.0833
Log likelihood =  -154.5588                     Pseudo R2         =     0.0096

------------------------------------------------------------------------------
     success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 v2x_execorr |   2.459511   1.291728     1.71   0.087     .8786179    6.884897
        cons |    .437306   .1562323    -2.32   0.021     .2171123    .8808184
------------------------------------------------------------------------------

1274 . *       RESULT: Marginally significant at the .10 level
1275 . * Executive corruption, by urban/rural
1276 . logit success i.urbandum##c.v2x_execorr if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        228
                                                LR chi2(3)        =       7.06
                                                Prob > chi2       =     0.0700
Log likelihood = -152.52853                     Pseudo R2         =     0.0226

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
            urbandum |
                yes  |   1.724287   1.427946     0.66   0.511     .3401716    8.740194
         v2x execorr |   2.721804   2.690807     1.01   0.311     .3920571    18.89577
                     |
urbandum#c.v2x_execorr |
                yes  |   1.057544   1.242558     0.05   0.962     .1057259    10.57829
                     |
               _cons |   .2799036   .2001724    -1.78   0.075     .0689086    1.136955
------------------------------------------------------------------------------

1277 . *       RESULT: No interaction
1278 . * Impact on regime-specific model
1279 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
>  newcivxmilexp vdstateownmin1 v2x_execorr if startyear>1899 & colony==0, or nolog

Logistic regression                             Number of obs     =        172
                                                LR chi2(10)       =      52.57
                                                Prob > chi2       =     0.0000
Log likelihood = -91.523136                     Pseudo R2         =     0.2231

------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
      newpolitymin1 |   .9101105   .0402023    -2.13   0.033     .8346301    .9924171
    newpolitymin1sq |   .9802212   .0077697    -2.52   0.012     .9651106    .9955684
  newincumbpowerdur |   1.070601   .0251679     2.90   0.004     1.022392    1.121083
        newgdppcthl |   .7683891   .0772312    -2.62   0.009     .6309958    .9356984
          newlnoill |   .8829772   .0425772    -2.58   0.010     .8033495    .9704976
newmilexpsold10tile |   1.588872   .1831262     4.02   0.000     1.267603    1.991566
           civilwar |   1.893762    1.64733     0.73   0.463     .3442619    10.41745
      newcivxmilexp |   .7272994   .1115275    -2.08   0.038     .5385003    .9822917
     vdstateownmin1 |   1.251922   .3403527     0.83   0.409      .734795    2.132988
        v2x_execorr |   .6651604   .5983127    -0.45   0.650     .1140957    3.877782
              _cons |   .2232746   .2014584    -1.66   0.097     .0380898     1.30879
------------------------------------------------------------------------------

1280 . *       RESULT: Not significant
```

```
1281 .
1282 .
1283 . ************************************
1284 . * Sigman/Hanson state capacity index
1285 . ************************************
1286 . * Multiple imputation, impact on regime-specific model
1287 . clear

1288 . use revolutionaryeps.dta

1289 . drop if colony==1
(57 observations deleted)

1290 . mi set wide

1291 . mi xtset, clear

1292 . mi stset, clear

1293 . mi register imputed newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile ne
> wcivxmilexp newstatecapacity

1294 . tab _mi_miss

   _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        142       49.31       49.31
          1 |        146       50.69      100.00
------------+-----------------------------------
      Total |        288      100.00

1295 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
> ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
> m, knn(3)) newstatecapacity = success civilwar, add(60) rseed(1234) force dots

Conditional models:
    newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp newstatecapacity success civilwar , knn(3)
         newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp newstatecapacity success civilwar , knn(3)
       newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp newstatecapacity success civilwar , ll(0)
     newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp newstatecapacity success civilwar , knn(3)
    newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                     newmilexpsold10tile newcivxmilexp newstatecapacity success civilwar , knn(3)
    newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                     newpolitymin1sq newcivxmilexp newstatecapacity success civilwar , ll(0) ul(10)
     newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newstatecapacity success civilwar , knn(3)
    newstatecapa~y: pmm newstatecapacity newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                     newmilexpsold10tile newcivxmilexp success civilwar , knn(3)

Performing chained iterations:
  imputing m=1 through m=60 .........10.........20.........30.........40.........50.........60 done

Multivariate imputation                     Imputations =       60
Chained equations                                 added =       60
Imputed: m=1 through m=60                       updated =        0

Initialization: monotone                     Iterations =      600
                                                burn-in =       10

     newpolitymin1: predictive mean matching
    newpolitymin~q: predictive mean matching
       newgdppcthl: truncated regression
         newlnoill: predictive mean matching
    newincumbpow~r: predictive mean matching
    newmilexpsol~e: truncated regression
     newcivxmilexp: predictive mean matching
    newstatecapa~y: predictive mean matching

------------------------------------------------------------------
                  |               Observations per m
                  |-----------------------------------------------
          Variable |   Complete   Incomplete   Imputed |     Total
-------------------+-----------------------------------+----------
     newpolitymin1 |        276           12        12 |       288
    newpolitymin~q |        276           12        12 |       288
       newgdppcthl |        283            5         5 |       288
         newlnoill |        285            3         3 |       288
    newincumbpow~r |        286            2         2 |       288
    newmilexpsol~e |        240           48        48 |       288
     newcivxmilexp |        240           48        48 |       288
    newstatecapa~y |        155          133       133 |       288
------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)
```

```
1296 . * Bivariate
1297 . mi estimate, post dots eform saving(miest, replace): logit success newstatecapacity if startyear>1899

     Imputations (60):
       .........10.........20.........30.........40.........50.........60 done

     Multiple-imputation estimates                   Imputations       =         60
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.2209
                                                     Largest FMI       =     0.3081
     DF adjustment:   Large sample                   DF:     min       =     630.50
                                                             avg       =   2,056.13
                                                             max       =   3,481.76
     Model F test:       Equal FMI                   F(   1,  630.5)   =       0.70
     Within VCE type:          OIM                   Prob > F          =     0.4015

     ------------------------------------------------------------------------------
             success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     ----------------+-------------------------------------------------------------
     newstatecapacity |    .859175   .1553482    -0.84   0.402     .6023918    1.225418
                cons |    .557283    .090433    -3.60   0.000     .4054145    .7660417
     ------------------------------------------------------------------------------

1298 . *       RESULT:  Not significant.
1299 . * By urban/rural
1300 . mi estimate, post dots eform saving(miest, replace): logit success i.urbandum##c.newstatecapacity if startyear>1
     > 899

     Imputations (60):
       .........10.........20.........30.........40.........50.........60 done

     Multiple-imputation estimates                   Imputations       =         60
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.1871
                                                     Largest FMI       =     0.2718
     DF adjustment:   Large sample                   DF:     min       =     809.12
                                                             avg       =   1,665.17
                                                             max       =   2,449.23
     Model F test:       Equal FMI                   F(   3, 4339.9)   =       5.59
     Within VCE type:          OIM                   Prob > F          =     0.0008

     ------------------------------------------------------------------------------------------
                        success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     ---------------------------+--------------------------------------------------------------
                     urbandum |
                         yes  |   5.404648   2.670381     3.41   0.001     2.051113    14.24116
               newstatecapacity |   .4594809   .1893995    -1.89   0.060      .204585    1.031956
                                |
     urbandum#c.newstatecapacity |
                         yes  |   1.644947   .7233631     1.13   0.258      .694383    3.896772
                                |
                       _cons |   .1539278   .0723083    -3.98   0.000     .0612546    .3868082
     ------------------------------------------------------------------------------------------

1301 . *       RESULT:  Marginally significant for rural revolutions, but not significant for urban
1302 . * Impact on regime-specific model
1303 . mi estimate, post dots eform saving(miest, replace): logit success newpolitymin1 newpolitymin1sq newincumbpowerd
     > ur newgdppcthl newlnoill newmilexpsold10tile civilwar newcivxmilexp newstatecapacity if startyear>1899

     Imputations (60):
       .........10.........20.........30.........40.........50.........60 done

     Multiple-imputation estimates                   Imputations       =         60
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.1606
                                                     Largest FMI       =     0.4101
     DF adjustment:   Large sample                   DF:     min       =     356.53
                                                             avg       =   6,175.19
                                                             max       =  31,749.17
     Model F test:       Equal FMI                   F(   9,23992.0)   =       5.33
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
                 success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     --------------------+---------------------------------------------------------
           newpolitymin1 |   .8953716   .0298361    -3.32   0.001     .8387514     .955814
         newpolitymin1sq |   .9839979   .0068432    -2.32   0.020     .9706706    .9975082
       newincumbpowerdur |   1.042535   .0186393     2.33   0.020     1.006631    1.079718
             newgdppcthl |   .9585485   .0904094    -0.45   0.654     .7966624    1.153331
               newlnoill |    .892441   .0333161    -3.05   0.002      .829472    .9601902
     newmilexpsold10tile |   1.603566    .165206     4.58   0.000     1.310189    1.962636
                civilwar |   .7440531   .5432336    -0.40   0.686     .1777224    3.115055
           newcivxmilexp |   .8026153   .0995544    -1.77   0.076     .6293162    1.023637
        newstatecapacity |   .3964932   .1533808    -2.39   0.017     .1852817    .8484749
                   _cons |   .0811142   .0658385    -3.09   0.002     .0164797    .3992496
     ------------------------------------------------------------------------------

1304 . *       RESULT:  Significant at the .05 level.  Turns GDP per capita statistically insignificant
1305 .
```

```
1306 . * Multiple imputation, impact on combined reduced model
1307 . clear

1308 . use revolutionaryeps.dta

1309 . drop if colony==1
     (57 observations deleted)

1310 . mi set wide

1311 . mi xtset, clear

1312 . mi stset, clear

1313 . mi register imputed newpolitymin1 newpolitymin1sq newgdppcthl newlnoill newincumbpowerdur newmilexpsold10tile ne
     > wcivxmilexp lnparticnum deathtile10 urbxdeathtile10 newstatecapacity

1314 . tab _mi_miss

   _mi_miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        135       46.88       46.88
          1 |        153       53.13      100.00
------------+-----------------------------------
      Total |        288      100.00

1315 . * Impute
1316 . mi impute chained (pmm, knn(3)) newpolitymin1 newpolitymin1sq (truncreg, ll(0)) newgdppcthl (pmm, knn(3)) newlno
     > ill (pmm, knn(3)) newincumbpowerdur (truncreg, ll(0) ul(10)) newmilexpsold10tile (pmm, knn(3)) newcivxmilexp (pm
     > m, knn(3)) lnparticnum (truncreg, ll(0) ul(10)) deathtile10 (pmm, knn(3)) urbxdeathtile10 (pmm, knn(3)) newstate
     > capacity = success civilwar urbandum democrat antimonarch, add(60) rseed(1234) force dots

     Conditional models:
         newincumbpow~r: pmm newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp newstatecapacity success
                         civilwar urbandum democrat antimonarch , knn(3)
              newlnoill: pmm newlnoill newincumbpowerdur newgdppcthl newpolitymin1 newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp newstatecapacity success
                         civilwar urbandum democrat antimonarch , knn(3)
            newgdppcthl: truncreg newgdppcthl newincumbpowerdur newlnoill newpolitymin1 newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp newstatecapacity success
                         civilwar urbandum democrat antimonarch , ll(0)
          newpolitymin1: pmm newpolitymin1 newincumbpowerdur newlnoill newgdppcthl newpolitymin1sq deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp newstatecapacity success
                         civilwar urbandum democrat antimonarch , knn(3)
         newpolitymin~q: pmm newpolitymin1sq newincumbpowerdur newlnoill newgdppcthl newpolitymin1 deathtile10
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp newstatecapacity success
                         civilwar urbandum democrat antimonarch , knn(3)
            deathtile10: truncreg deathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp newstatecapacity success
                         civilwar urbandum democrat antimonarch , ll(0) ul(10)
         urbxdeathti~10: pmm urbxdeathtile10 newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 lnparticnum newmilexpsold10tile newcivxmilexp newstatecapacity success civilwar
                         urbandum democrat antimonarch , knn(3)
            lnparticnum: pmm lnparticnum newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 urbxdeathtile10 newmilexpsold10tile newcivxmilexp newstatecapacity success
                         civilwar urbandum democrat antimonarch , knn(3)
         newmilexpsol~e: truncreg newmilexpsold10tile newincumbpowerdur newlnoill newgdppcthl newpolitymin1
                         newpolitymin1sq deathtile10 urbxdeathtile10 lnparticnum newcivxmilexp newstatecapacity
                         success civilwar urbandum democrat antimonarch , ll(0) ul(10)
          newcivxmilexp: pmm newcivxmilexp newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newstatecapacity success
                         civilwar urbandum democrat antimonarch , knn(3)
         newstatecapa~y: pmm newstatecapacity newincumbpowerdur newlnoill newgdppcthl newpolitymin1 newpolitymin1sq
                         deathtile10 urbxdeathtile10 lnparticnum newmilexpsold10tile newcivxmilexp success civilwar
                         urbandum democrat antimonarch , knn(3)

     Performing chained iterations:
       imputing m=1 through m=60 .........10.........20.........30.........40.........50.........60 done

     Multivariate imputation                     Imputations =       60
     Chained equations                                 added =       60
     Imputed: m=1 through m=60                       updated =        0

     Initialization: monotone                     Iterations =      600
                                                     burn-in =       10

          newpolitymin1: predictive mean matching
         newpolitymin~q: predictive mean matching
            newgdppcthl: truncated regression
              newlnoill: predictive mean matching
         newincumbpow~r: predictive mean matching
         newmilexpsol~e: truncated regression
          newcivxmilexp: predictive mean matching
            lnparticnum: predictive mean matching
            deathtile10: truncated regression
         urbxdeathti~10: predictive mean matching
         newstatecapa~y: predictive mean matching

     ------------------------------------------------------------------
                       |               Observations per m
                       |-----------------------------------------------
                 Variable |   Complete   Incomplete   Imputed |     Total
     -------------------+-----------------------------------+----------
          newpolitymin1 |        276           12        12 |       288
         newpolitymin~q |        276           12        12 |       288
            newgdppcthl |        283            5         5 |       288
              newlnoill |        285            3         3 |       288
         newincumbpow~r |        286            2         2 |       288
         newmilexpsol~e |        240           48        48 |       288
          newcivxmilexp |        240           48        48 |       288
```

```
       lnparticnum |        267           21        21 |       288
       deathtile10 |        275           13        13 |       288
    urbxdeathti~10 |        275           13        13 |       288
    newstatecapa~y |        155          133       133 |       288
-------------------------------------------------------------------
(complete + incomplete = total; imputed is the minimum across m
 of the number of filled-in observations.)

1317 . mi estimate, post dots eform saving(miest, replace): logit success lnparticnum urbandum deathtile10 urbxdeathtil
     > e10  newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile newstatecapacity
     > if startyear>1899

     Imputations (60):
       .........10.........20.........30.........40.........50.........60 done

     Multiple-imputation estimates                   Imputations       =         60
     Logistic regression                             Number of obs     =        288
                                                     Average RVI       =     0.1459
                                                     Largest FMI       =     0.4263
     DF adjustment:   Large sample                   DF:     min       =     330.02
                                                             avg       =   8,917.29
                                                             max       =  28,514.11
     Model F test:       Equal FMI                   F(  11,37040.3)   =       5.33
     Within VCE type:          OIM                   Prob > F          =     0.0000

     ------------------------------------------------------------------------------
                success |     exp(b)   Std. Err.      t    P>|t|     [95% Conf. Interval]
     -------------------+----------------------------------------------------------
            lnparticnum |   1.852497    .253481     4.51   0.000     1.416614    2.422498
               urbandum |   30.13947   40.61418     2.53   0.011     2.148044    422.8907
            deathtile10 |   1.214546   .1867612     1.26   0.206     .8985018    1.641758
        urbxdeathtile10 |   .5904243   .1044647    -2.98   0.003     .4173948    .8351827
          newpolitymin1 |   .8859748   .0326411    -3.29   0.001     .8242446    .9523283
       newpolitymin1sq |   .9843443   .0072545    -2.14   0.032     .9702242      .99867
      newincumbpowerdur |   1.034218   .0210437     1.65   0.098     .9937802    1.076301
            newgdppcthl |   .8740999   .0896264    -1.31   0.190     .7148857    1.068773
              newlnoill |   .9048909   .0390633    -2.32   0.021      .831469    .9847962
     newmilexpsold10tile |   1.403619   .1210344     3.93   0.000     1.185196    1.662295
        newstatecapacity |   .3481012   .1517574    -2.42   0.016     .1476563    .8206524
                   _cons |   .0000201   .0000387    -5.61   0.000     4.57e-07     .000881
     ------------------------------------------------------------------------------

1318 . *       RESULT:  Statistically significant at the .05 level; turns GDP per capita insignificant
1319 .
1320 . * Complete-case sample
1321 . clear

1322 . use revolutionaryeps.dta

1323 . * Sigman/Hanson state capacity index (sample significantly reduced)
1324 . * Bivariate
1325 . logit success newstatecapacity if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        155
                                                     LR chi2(1)        =       5.01
                                                     Prob > chi2       =     0.0252
     Log likelihood = -100.47342                     Pseudo R2         =     0.0243

     ------------------------------------------------------------------------------
             success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     ----------------+-------------------------------------------------------------
     newstatecapacity |   .6275847    .134479    -2.17   0.030     .4123602    .9551421
                cons |   .4906282   .0990979    -3.53   0.000     .3302368    .7289195
     ------------------------------------------------------------------------------

1326 . *       RESULT: Not significant
1327 . * State capacity, by urban/rural
1328 . logit success i.urbandum##c.newstatecapacity if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        155
                                                     LR chi2(3)        =      18.98
                                                     Prob > chi2       =     0.0003
     Log likelihood = -93.489027                     Pseudo R2         =     0.0922

     ------------------------------------------------------------------------------------
                         success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     ----------------------------+-------------------------------------------------------
                     urbandum |
                         yes  |   5.833031    3.40794     3.02   0.003     1.856013     18.3319
                newstatecapacity |   .3048269   .1428693    -2.53   0.011     .1216477    .7638407
                                 |
     urbandum#c.newstatecapacity |
                         yes  |   1.756248   .9694325     1.02   0.308      .595293    5.181328
                                 |
                        _cons |   .1353953   .0724685    -3.74   0.000     .0474252    .3865431
     ------------------------------------------------------------------------------------

1329 . *       RESULT:  Significant at .05 level for rural revolutions, not significant for urban revolutions
1330 . * Impact on regime-specific model
```

```
1331 . logit success newpolitymin1 newpolitymin1sq newincumbpowerdur newgdppcthl newlnoill newmilexpsold10tile civilwar
     >  newcivxmilexp newstatecapacity if startyear>1899 & colony==0, or nolog

     Logistic regression                             Number of obs     =        142
                                                     LR chi2(9)        =      41.93
                                                     Prob > chi2       =     0.0000
     Log likelihood =  -73.82499                     Pseudo R2         =     0.2212

     ------------------------------------------------------------------------------
                  success | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
     ---------------------+--------------------------------------------------------
          newpolitymin1 |    .904698   .0379507    -2.39   0.017     .8332915    .9822234
        newpolitymin1sq |   .9872103   .0092595    -1.37   0.170     .9692278    1.005526
      newincumbpowerdur |   1.039528   .0247152     1.63   0.103      .992198    1.089115
             newgdppcthl |    .965519   .1070193    -0.32   0.752     .7769849      1.1998
               newlnoill |   .8765008    .042284    -2.73   0.006     .7974232    .9634204
     newmilexpsold10tile |   1.384479   .2057303     2.19   0.029     1.034666    1.852563
                civilwar |   .4336975   .5202703    -0.70   0.486     .0413116    4.553041
           newcivxmilexp |   .8839755   .1630523    -0.67   0.504     .6157908    1.268958
        newstatecapacity |   .4282677   .1875348    -1.94   0.053     .1815438    1.010297
                    cons |   .2035782   .2381402    -1.36   0.174     .0205598    2.015782
     ------------------------------------------------------------------------------

1332 . *       RESULT: Not significant
1333 .
1334 .
1335 . log close
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     > og
      log type:  text
     closed on:  26 Jan 2022, 13:02:04
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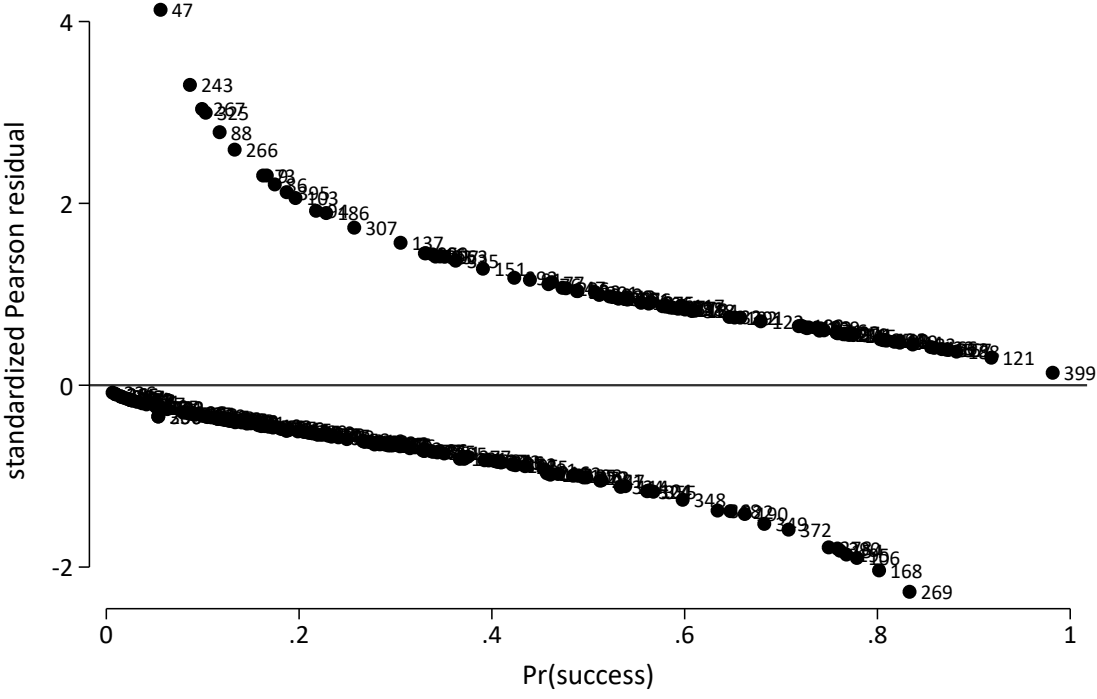
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2
0
-2
0
.2
.4
.6
.8
1
Pr(success)
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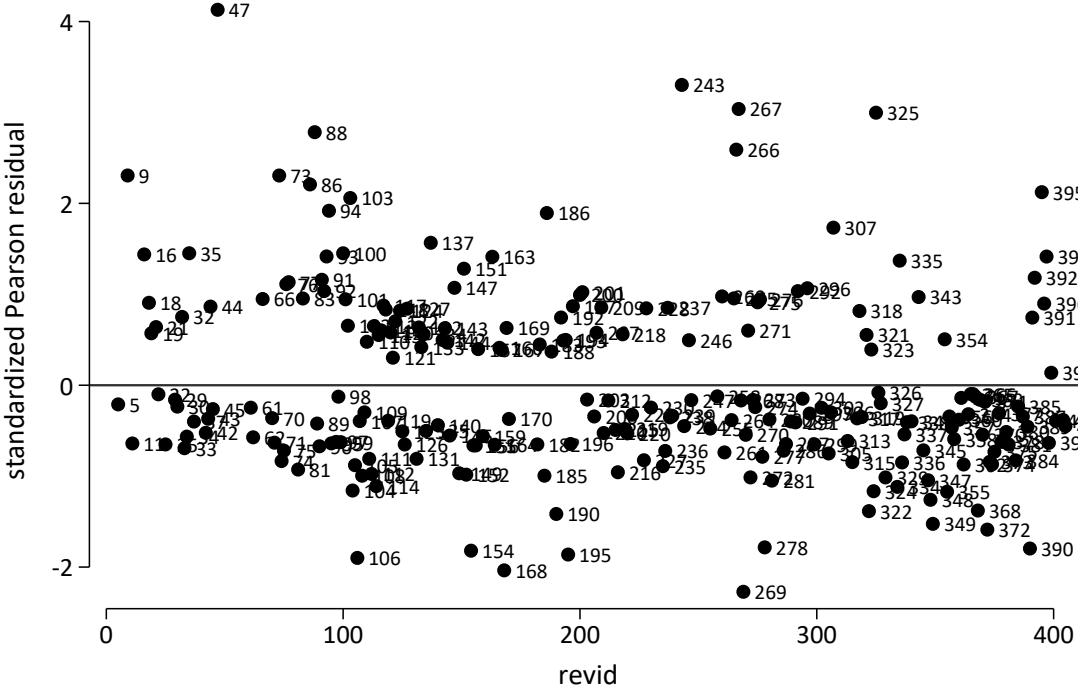
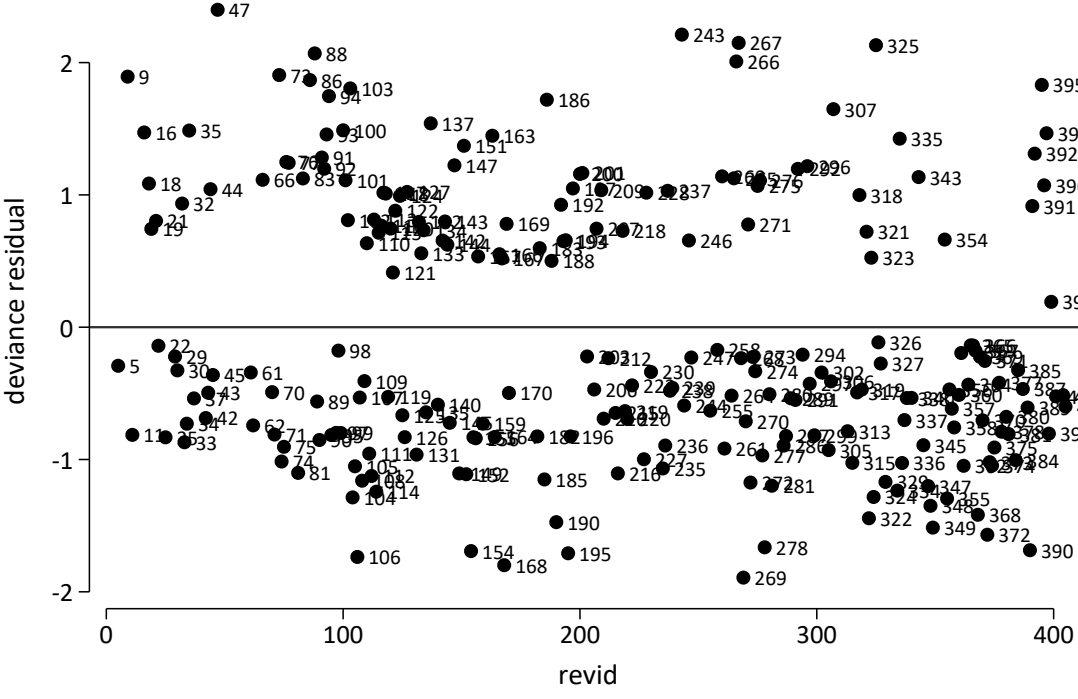
307
137
151
121
399
348
372
168
269



standardized Pearson residual
revid
4
2
0
-2
0
100
200
300
400


deviance residual
revid
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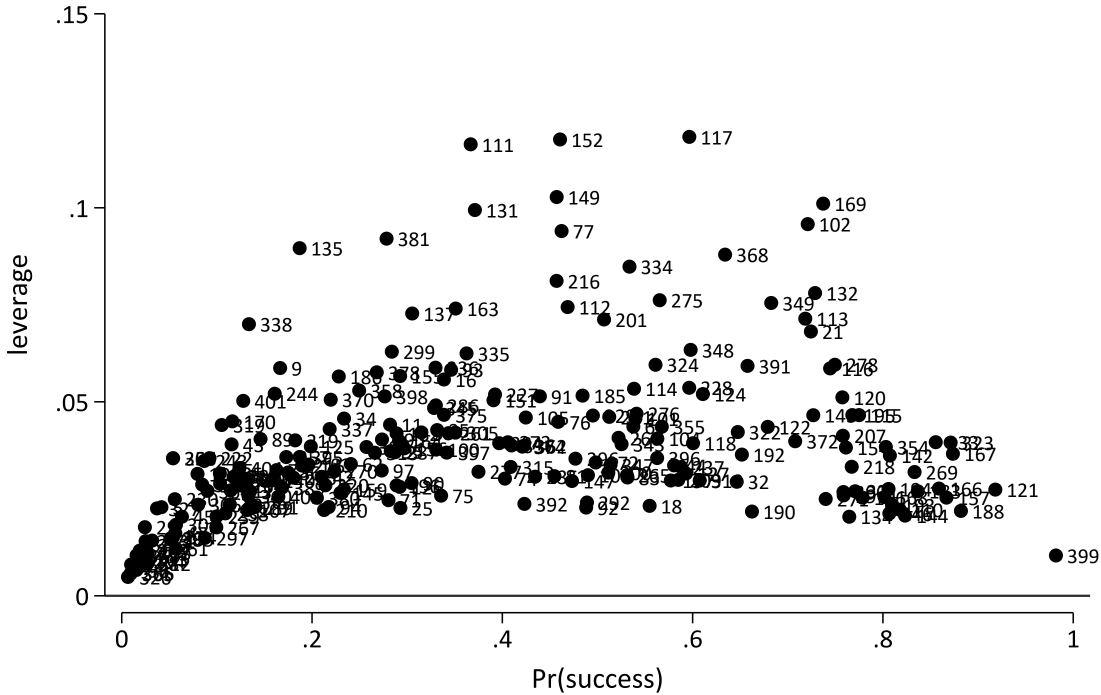
1
0
-1
-2
0
100
200
300
400



leverage
Pr(success)
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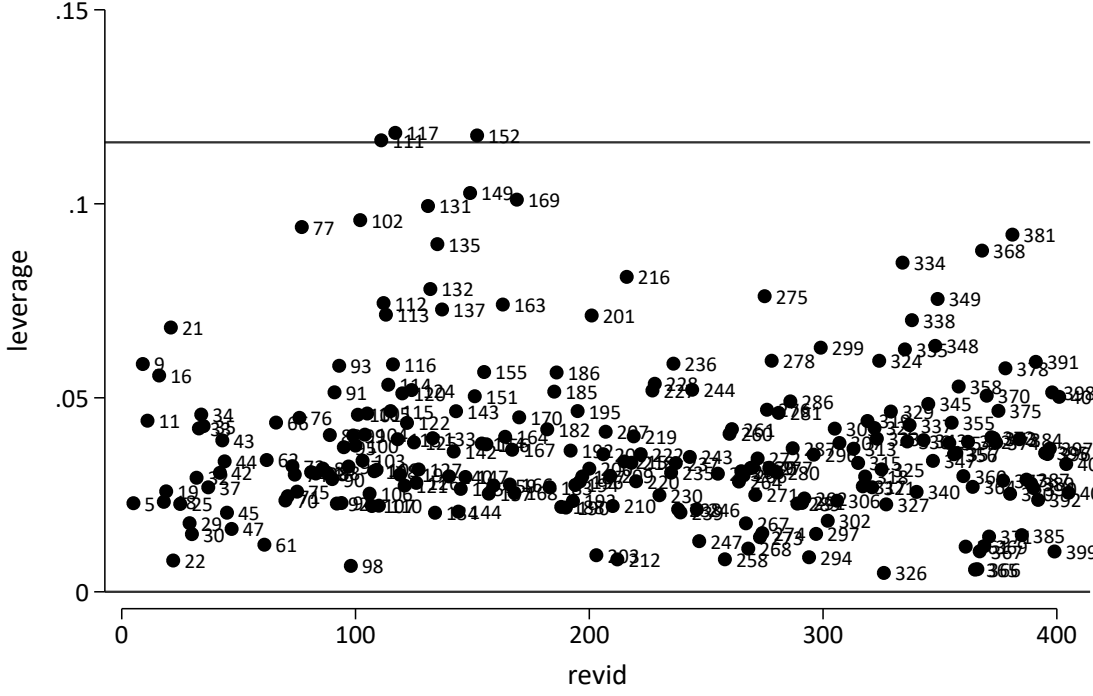
.1
.05
0
0
.2
.4
.6
.8
1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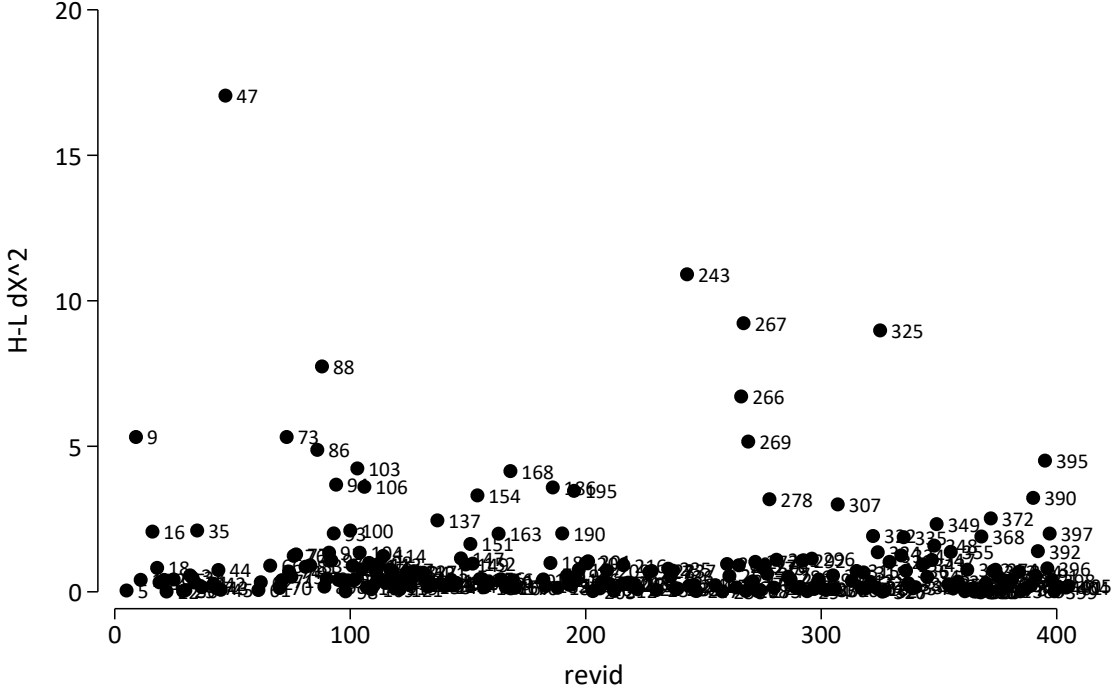
.1
.05
0
leverage
0
100
200
300
400
revid



H-L dX^2
revid
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5
10
15
20
0
100
200
300
400
47
243
267
325
88
266
9
73
86
269
395
103
168
106
154
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307
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16
35
137
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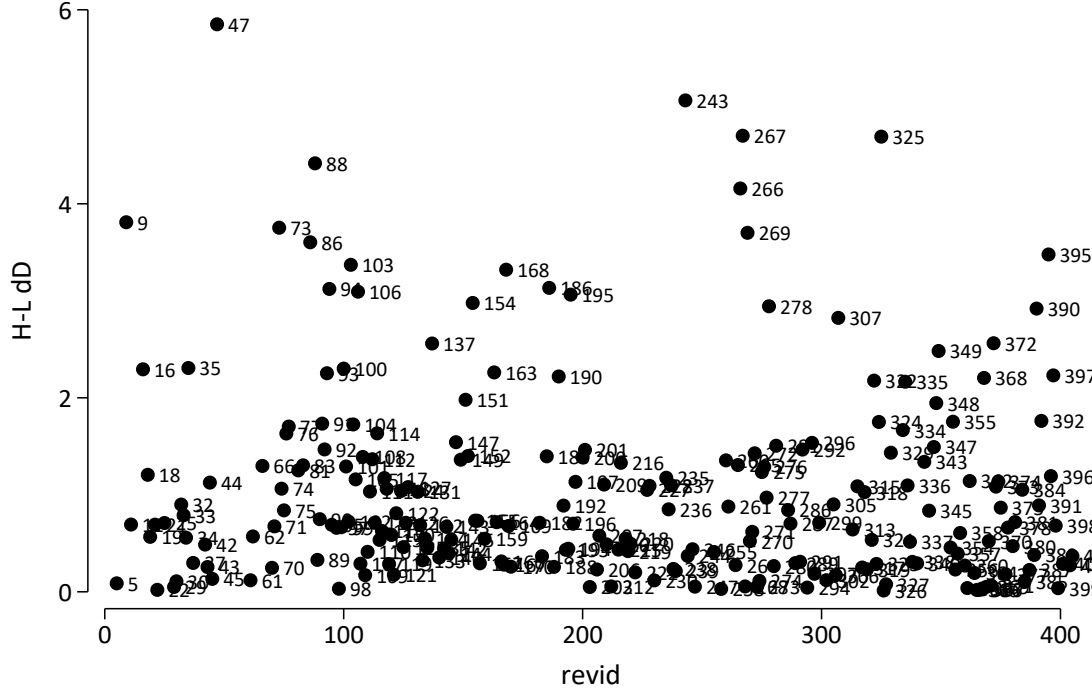
190
349
372
368
397
392
151
44
5


H-L dD
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6
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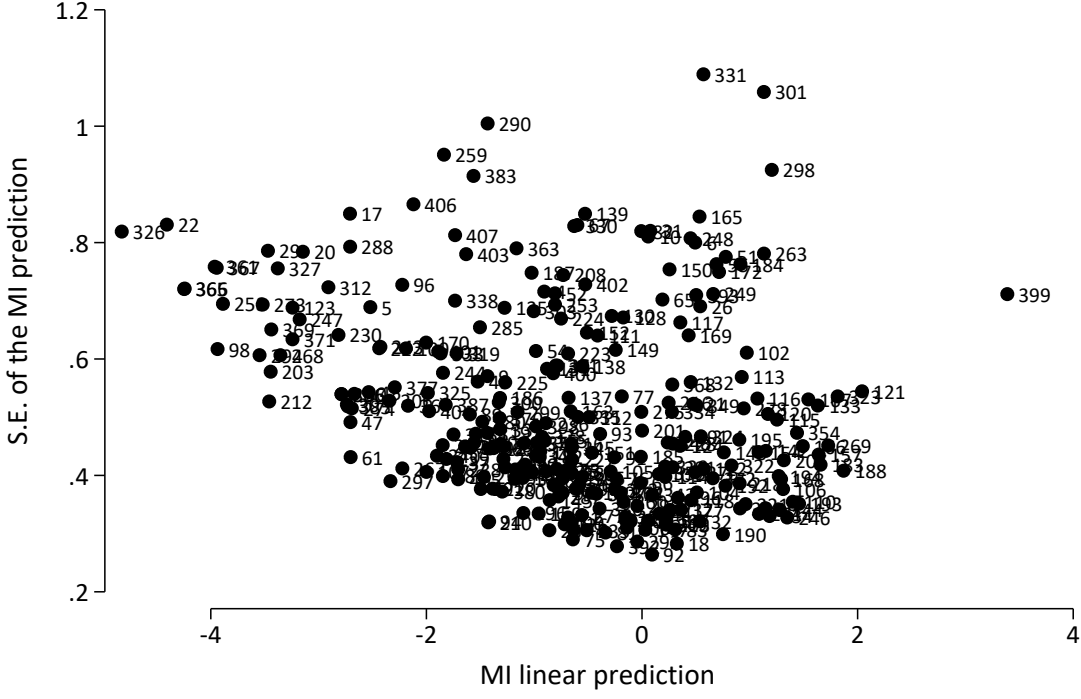
100
200
300
400


S.E. of the MI prediction
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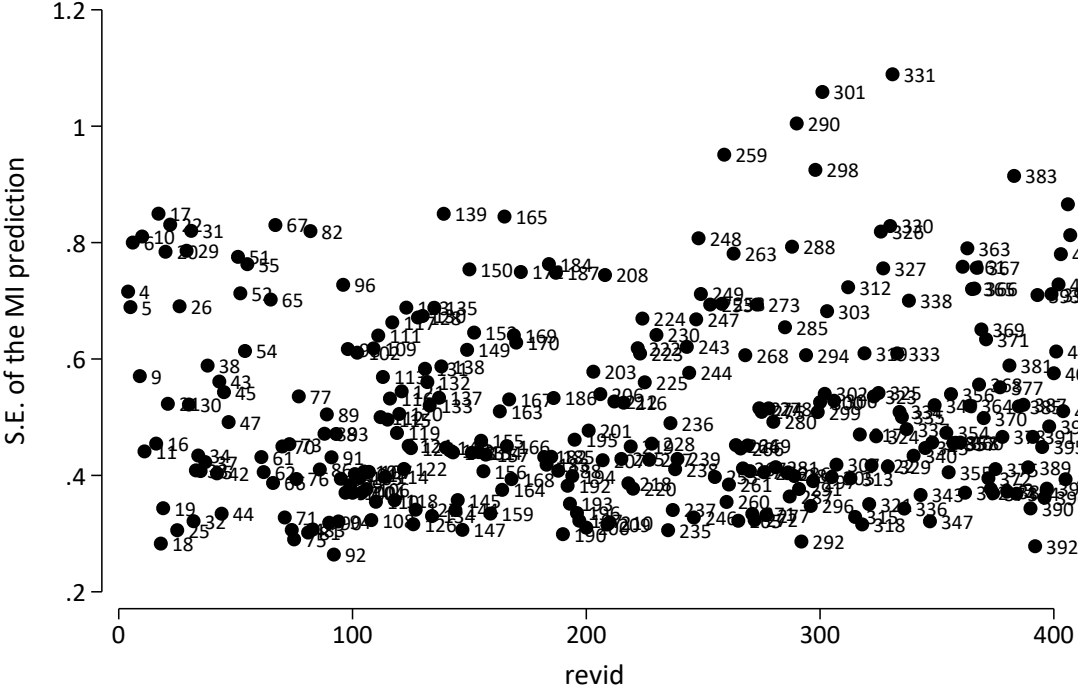
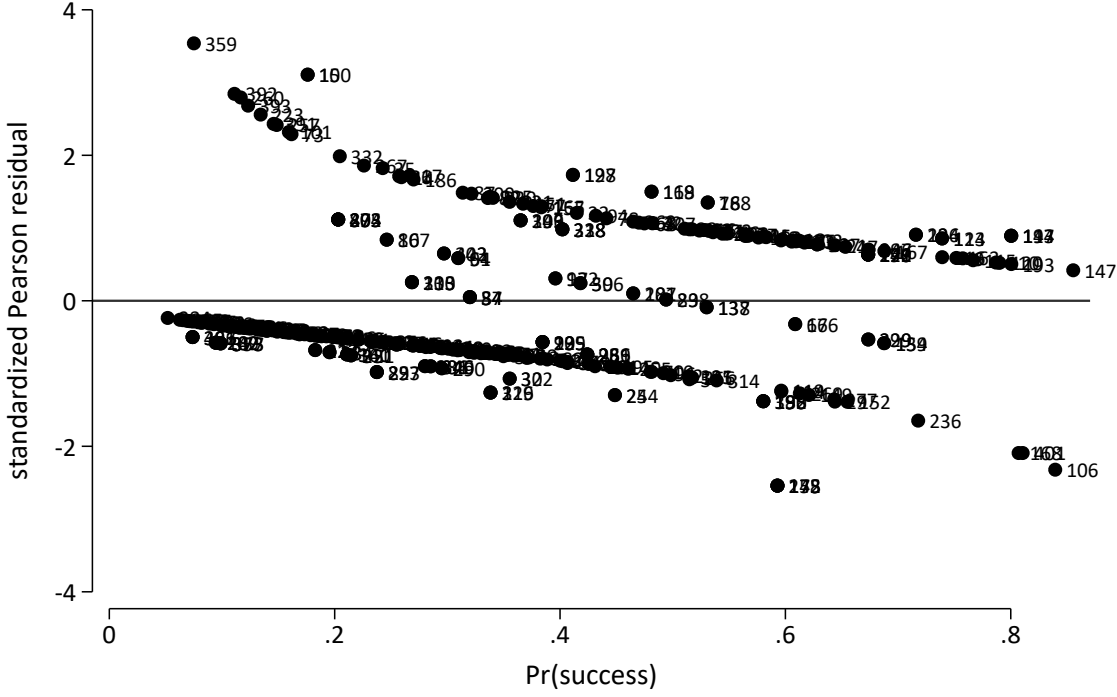
.8
.6
.4
.2
MI linear prediction
-4
-2
0
2
4


S.E. of the MI prediction
1.2
1
.8
.6
.4
.2
0
100
200
300
400
revid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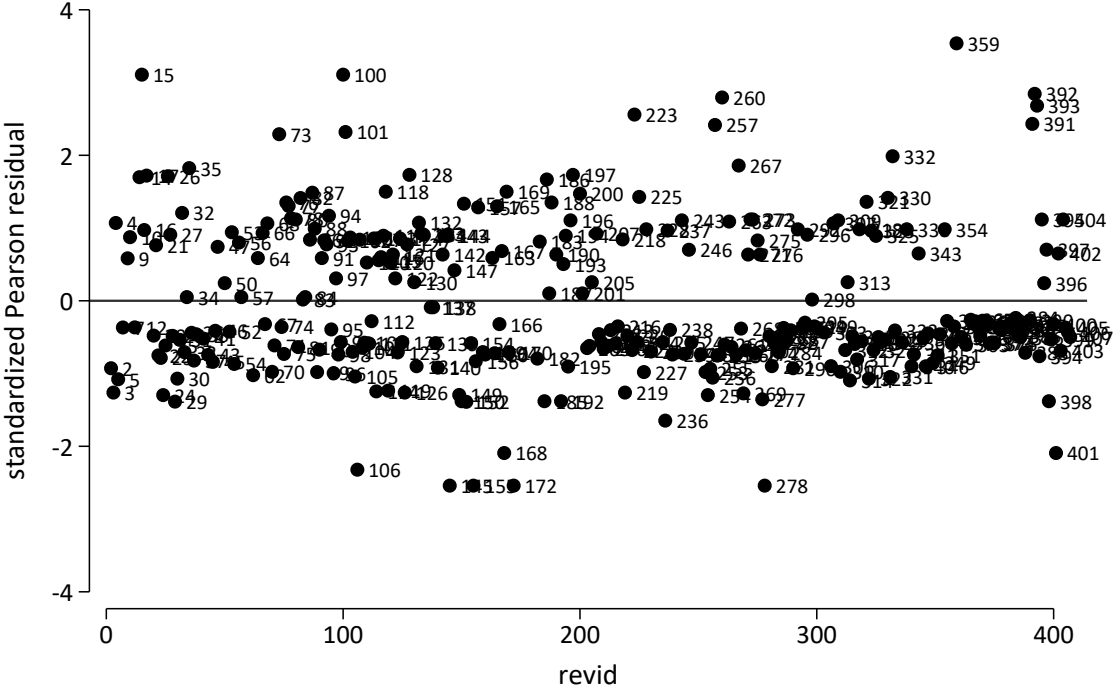
-2
-4
0
.2
.4
.6
.8
Pr(success)
359
147
236
106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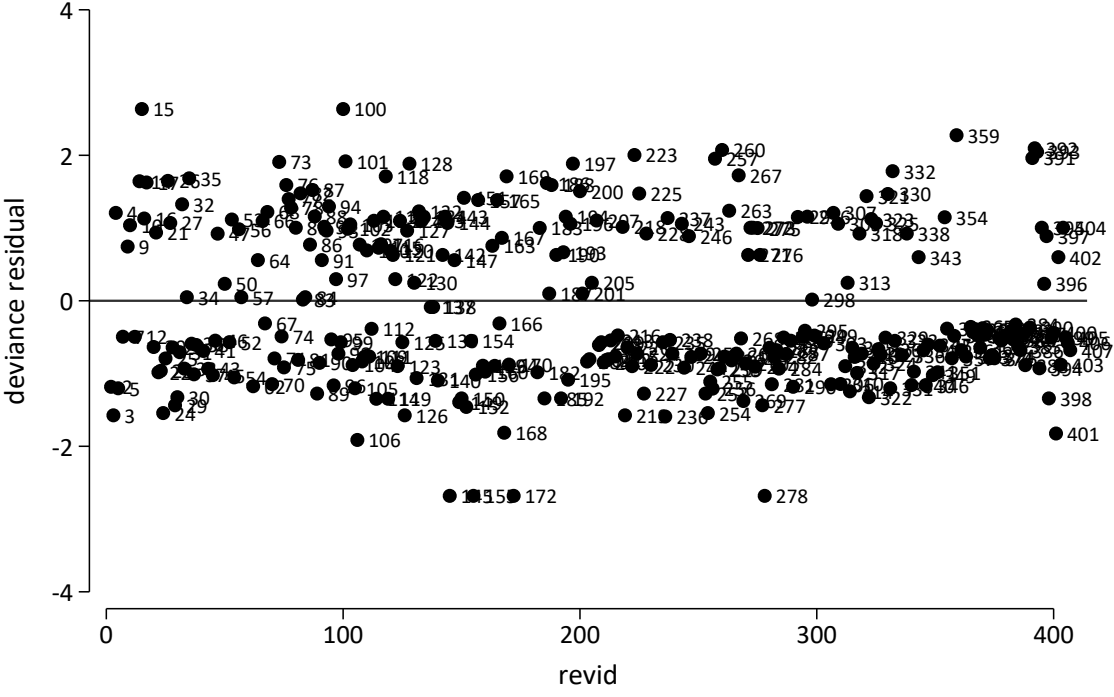
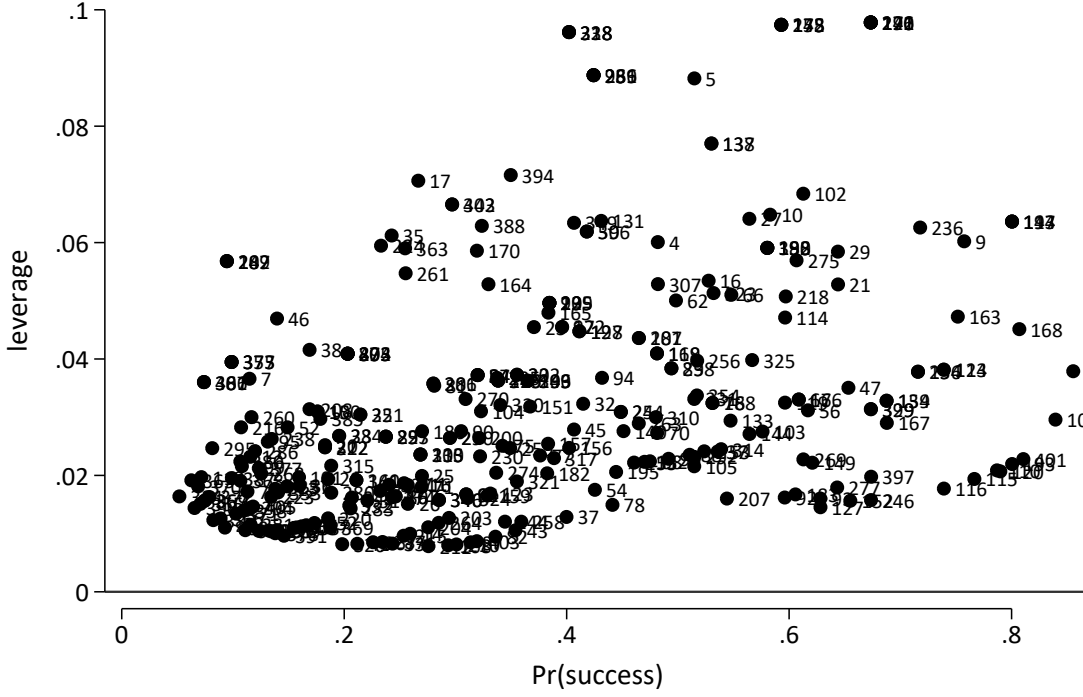
revid
4
2
0
-2
-4
0
100
200
300
400


deviance residual
4
2
0
-2
-4
0
100
200
300
400
revid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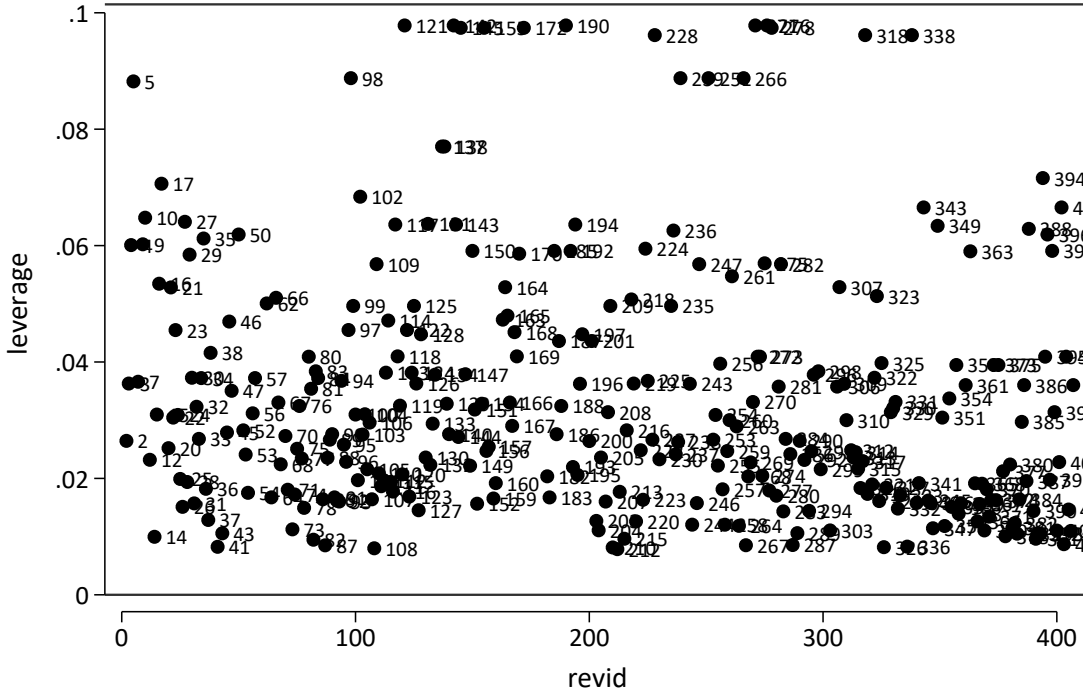
.04
.02
0
0
.2
.4
.6
.8
Pr(success)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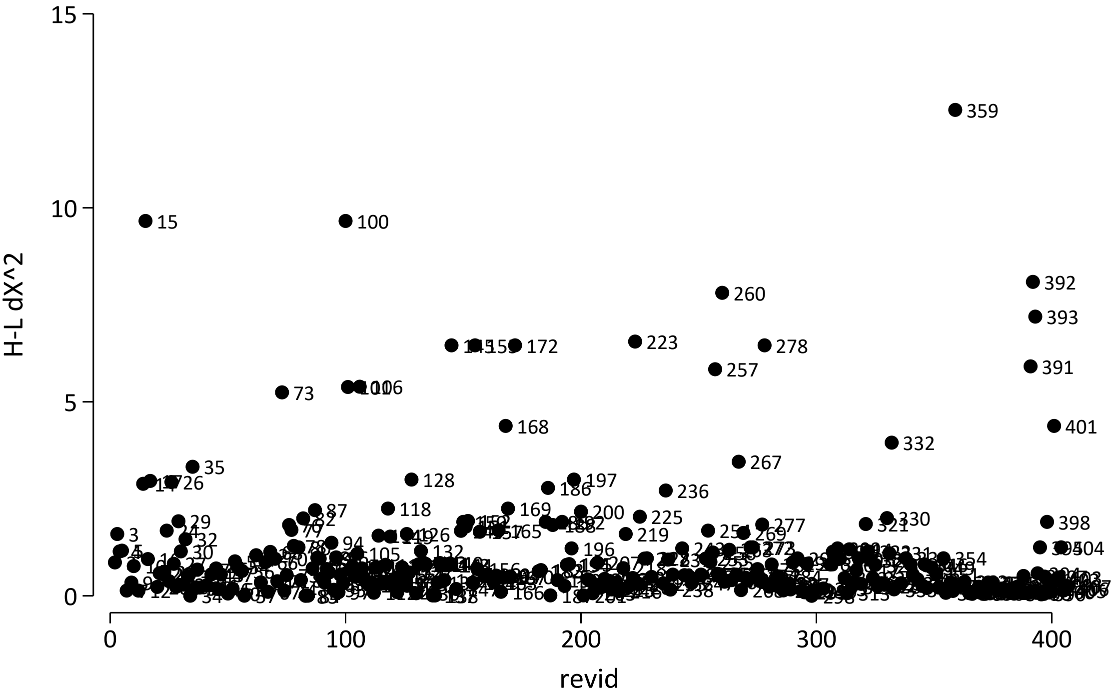
.08
.06
.04
.02
0
0
100
200
300
400
revid


H-L dX^2
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10
5
0
revid
0
100
200
300
400
359
15
100
392
260
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172
278
257
391
73
168
401
332
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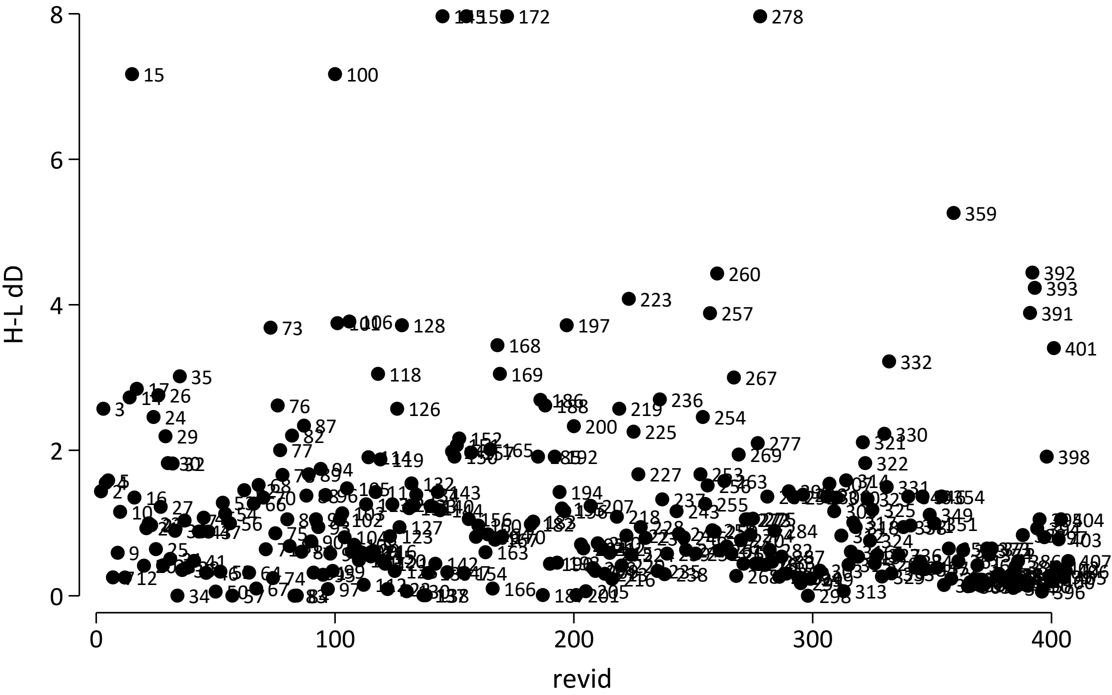
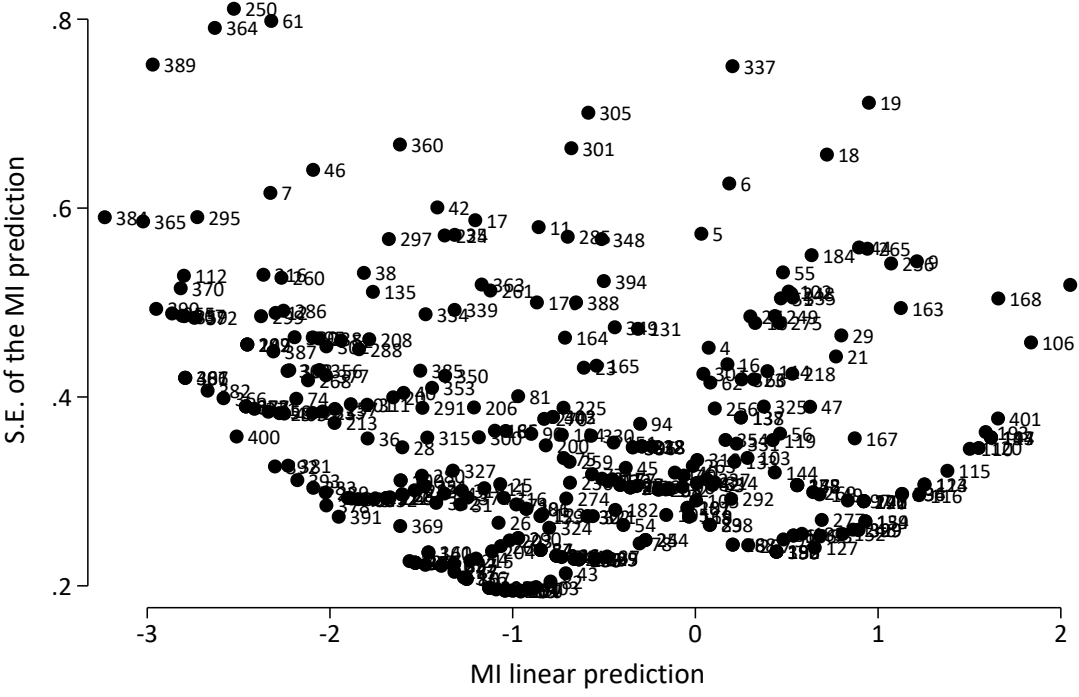
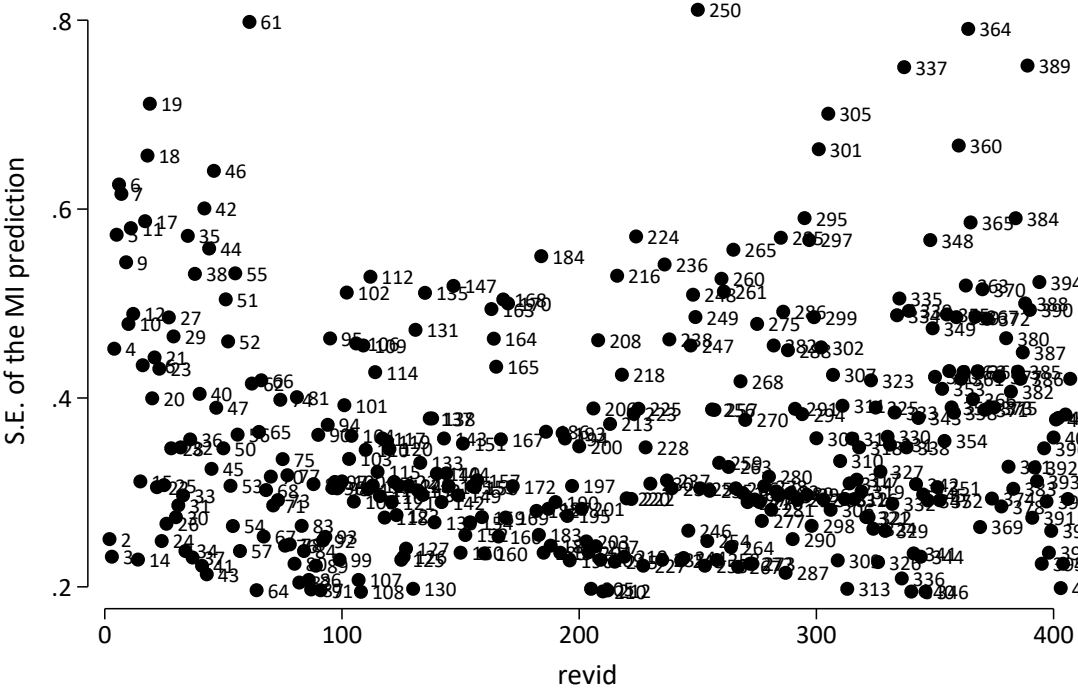
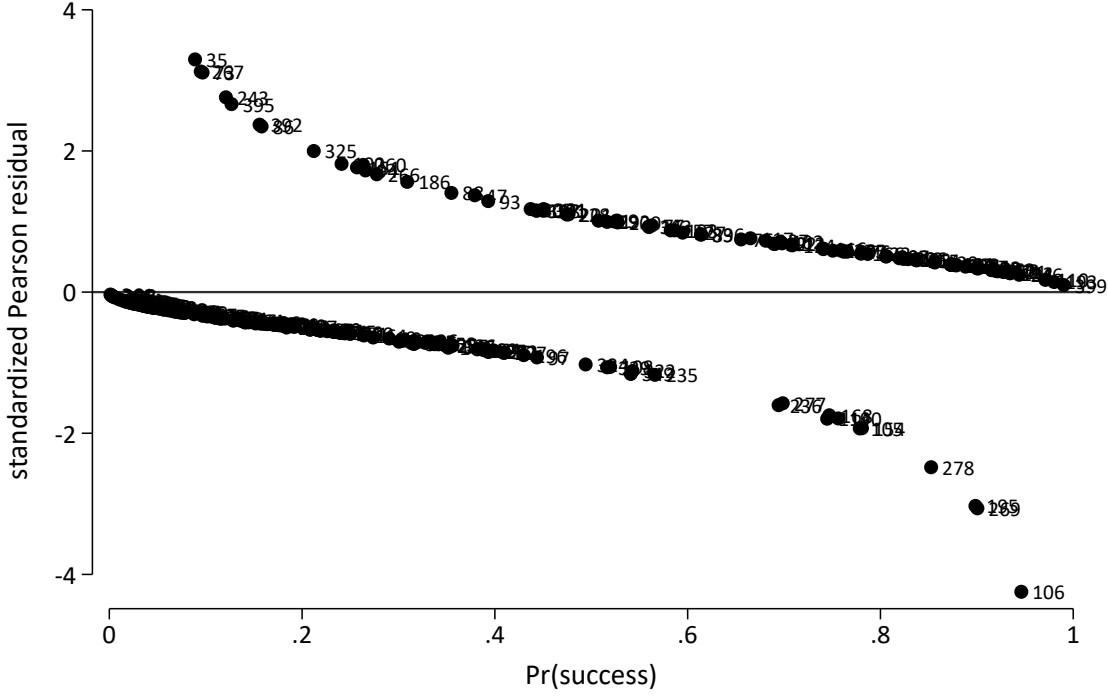
267
128
197
186
236
118
87
169
200
225
330
398
321
277
219
3
94
132
196
254
105

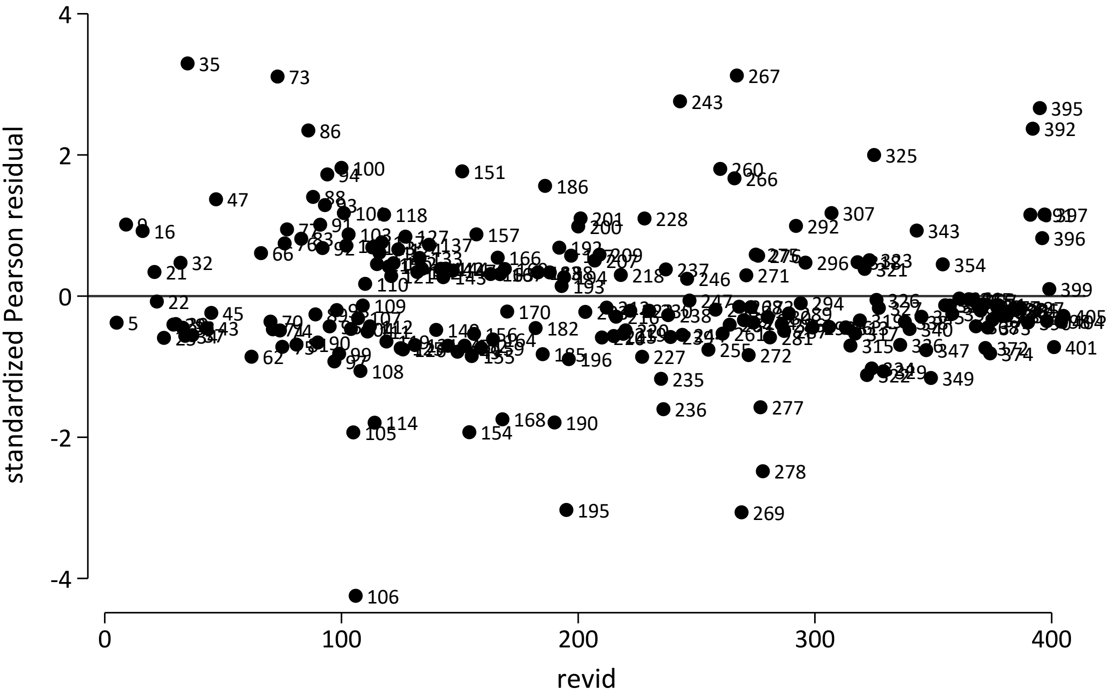


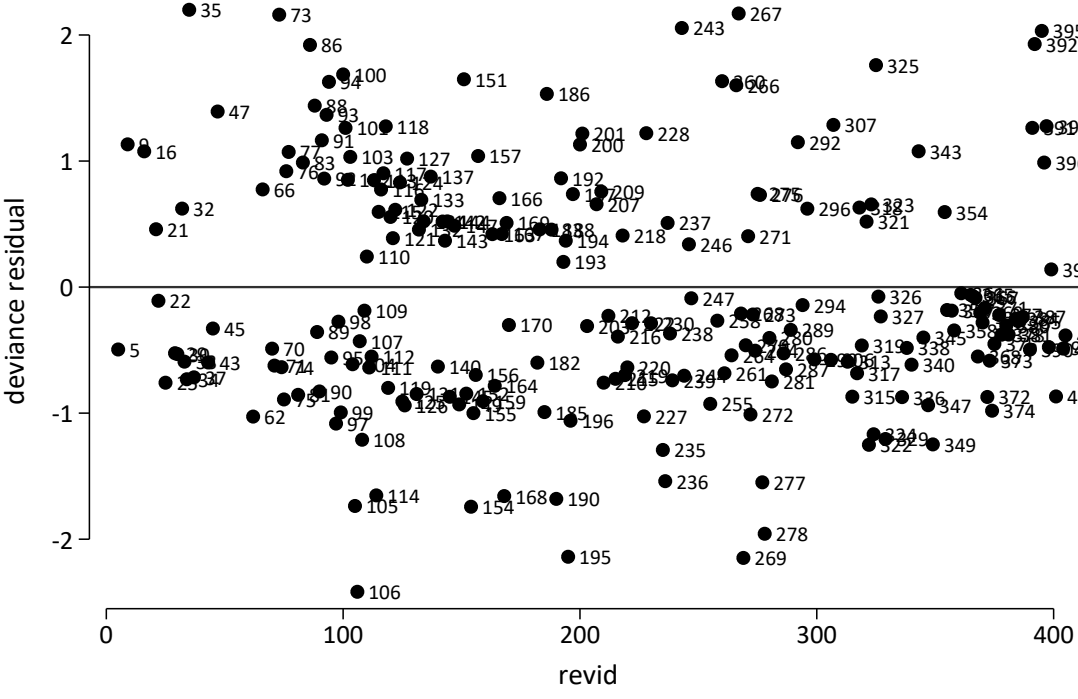
H-L dD
revid
0
2
4
6
8
0
100
200
300
400
15
100
172
278
359
260
392
393
391
401
223
257
197
128
73
168
332
118
169
267
35

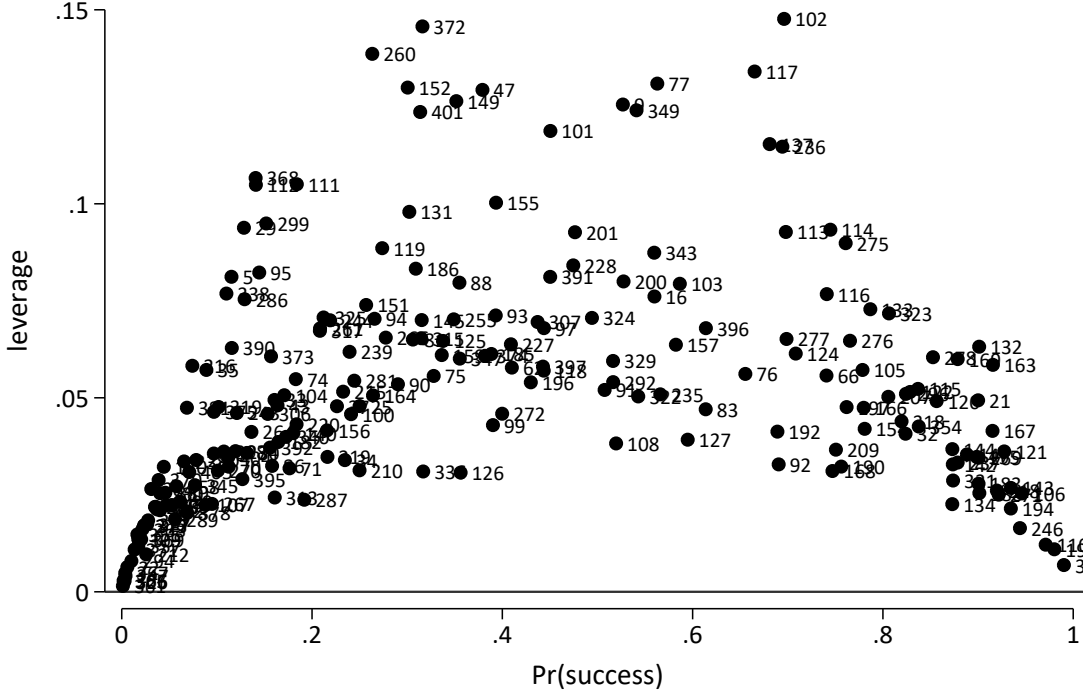

S.E. of the MI prediction
.8
.6
.4
.2
MI linear prediction
-3
-2
-1
0
1
2

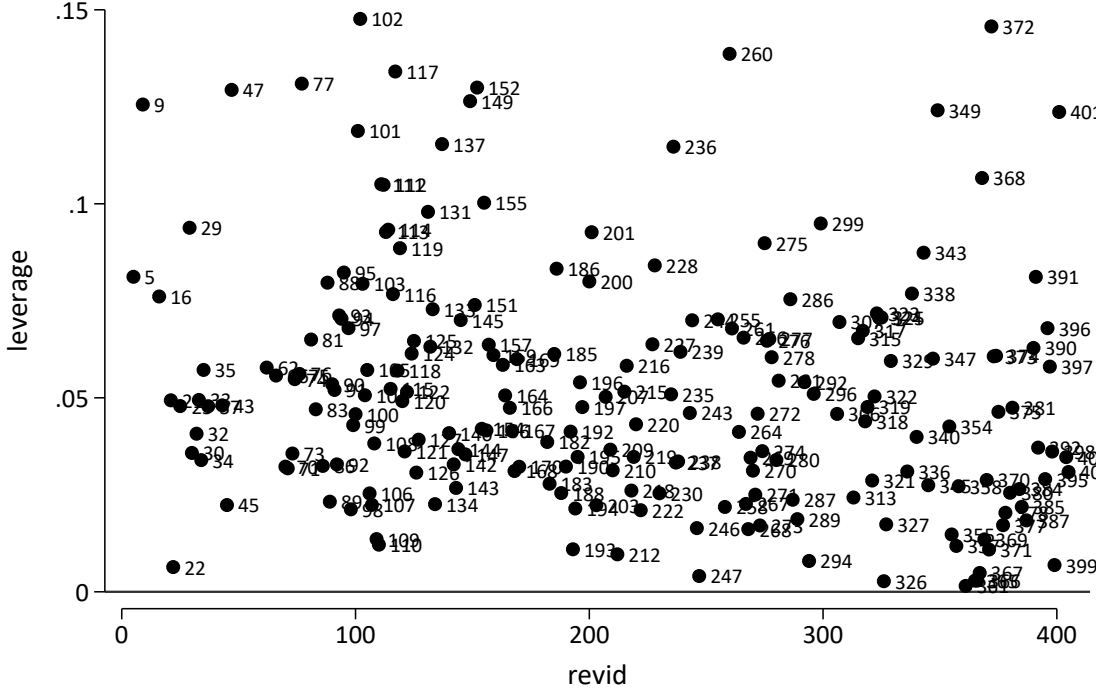

S.E. of the MI prediction
.8
.6
.4
.2
0
100
200
300
400
revid

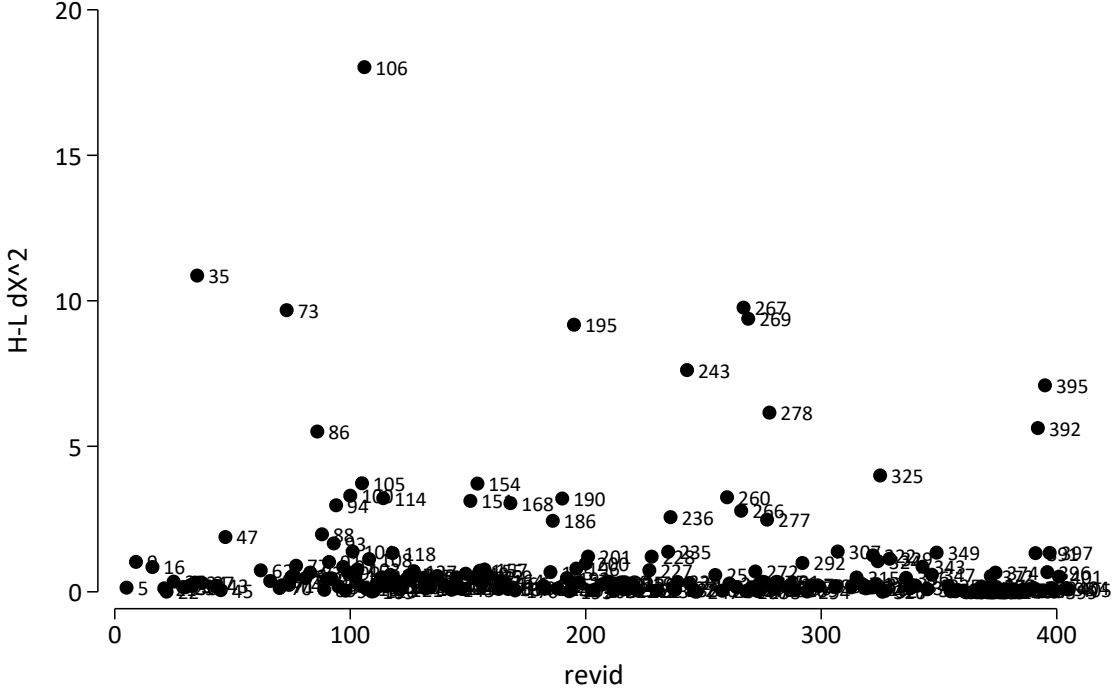

standardized Pearson residual
4
2
0
-2
-4
0
.2
.4
.6
.8
1
Pr(success)
35
325
186
93
278
106


standardized Pearson residual
4
2
0
-2
-4
0
100
200
300
400
revid

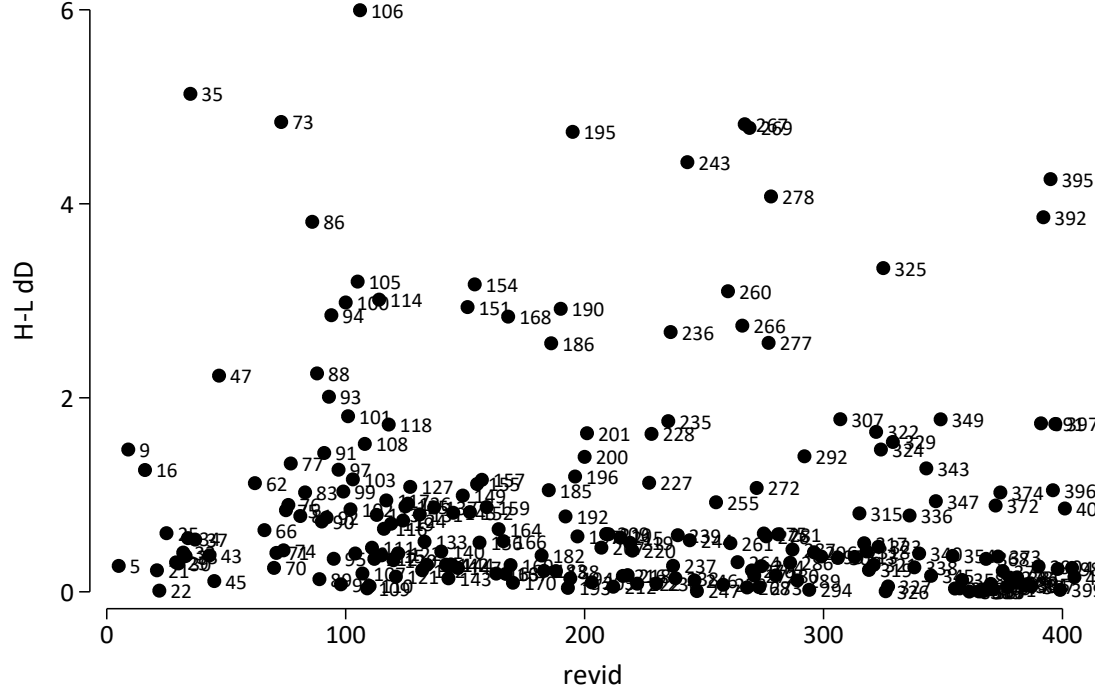

deviance residual
revid
2
1
0
-1
-2
0
100
200
300
400

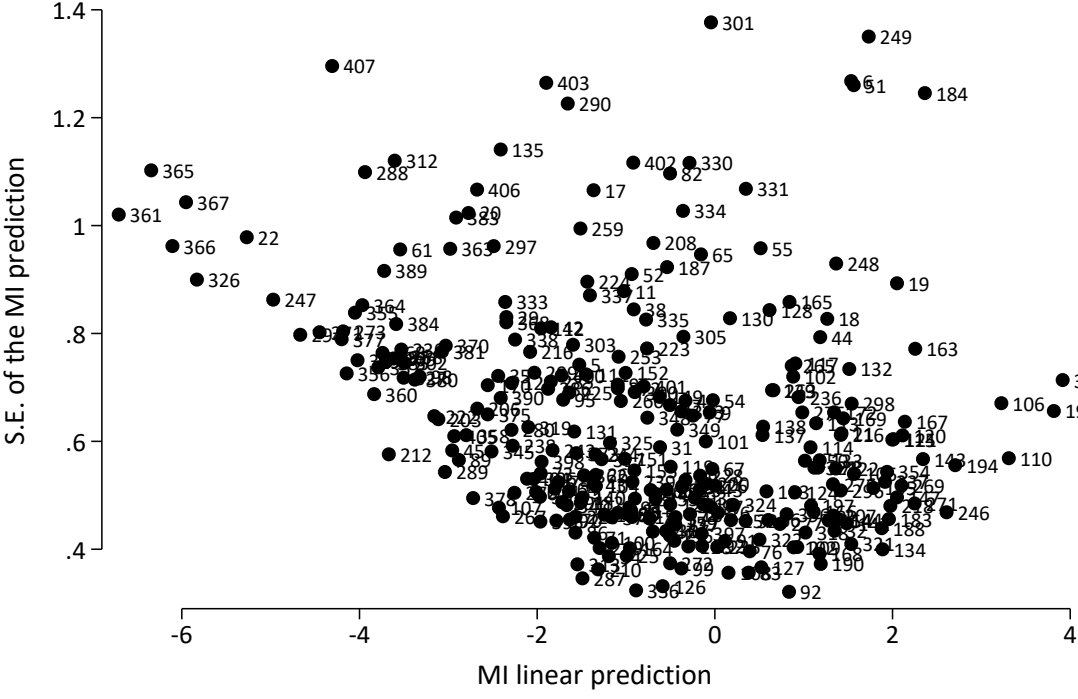

leverage
.15
.1
.05
0
0
.2
.4
.6
.8
1
Pr(success)

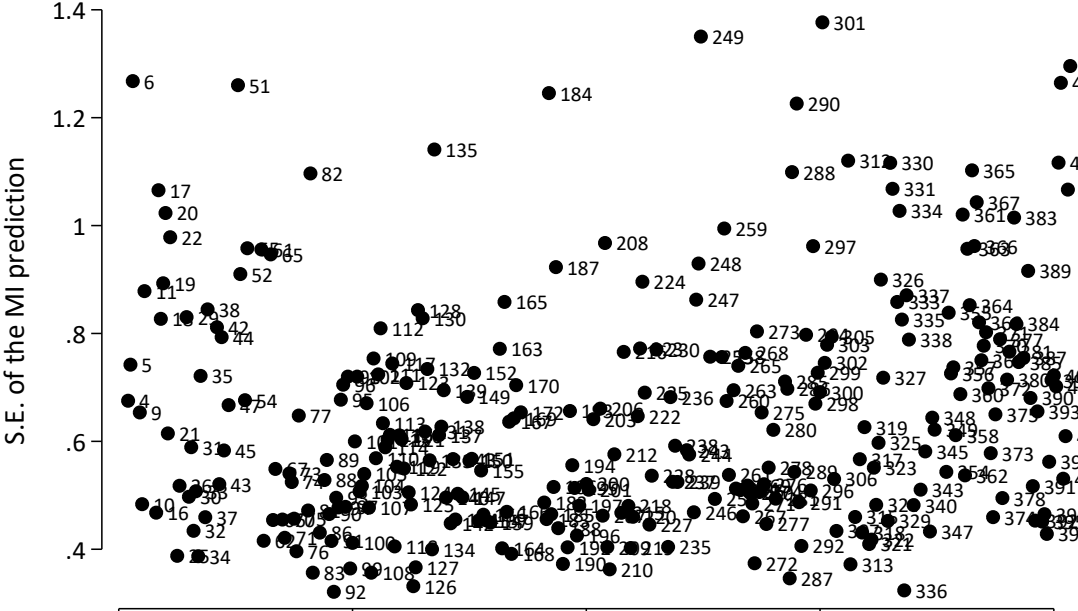

leverage
.15
.1
.05
0
0
100
200
300
400
revid



H-L dX^2
revid
0
5
10
15
20
0
100
200
300
400
106
35
73
195
267
269
243
395
278
392
86
325
105
154
114
168
190
260
266
277
236
186
47
88
118
16
5
292
349


H-L dD
revid
0
2
4
6
0
100
200
300
400


S.E. of the MI prediction
1.4
1.2
1
.8
.6
.4
MI linear prediction
-6
-4
-2
0
2
4


S.E. of the MI prediction
1.4
1.2
1
.8
.6
.4
0
100
200
300
400
revid