```
-------------------------------------------------------------------------------
      name:  <unnamed>
       log:  ADHF_CPS_replication_logfile.smcl
  log type:  smcl
 opened on:  14 Apr 2023, 09:45:47

.
end of do-file

. do "/var/folders/td/gvdw5z5n5175y7w0qqzf_pw40000gn/T//SD01658.000000"

. use "ADHF_CPS_dataset.dta"

.
. version 17

. set more off

.
. // Install coefplot (help coefplpot)
. // Install grstyle to replicate graph style (help grstyle)
. grstyle init

. grstyle set plain

. grstyle set ci

.
. *-------------------------------------------------------------------------------
> ---
. * Section: "Analysis"
. *-------------------------------------------------------------------------------
> ---
. *** Table 1: Average and conditional average treatment effects (OLS)***
.
. // Model 1: ATE
. reg     y_add_5 i.treat_both

      Source |       SS         df       MS      Number of obs   =     1,793
-------------+----------------------------------   F(1, 1791)     =      1.94
       Model |  25.8417292         1  25.8417292   Prob > F        =    0.1634
    Residual |  23805.1443     1,791  13.2915379   R-squared       =    0.0011
-------------+----------------------------------   Adj R-squared   =    0.0005
       Total |  23830.9861     1,792  13.2985413   Root MSE        =    3.6458

------------------------------------------------------------------------------
     y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
```

```
-------------+----------------------------------------------------------------
1.treat_both |   -.254634   .1826178    -1.39   0.163    -.6128004    .1035325
       _cons |   8.712375   .1490861    58.44   0.000     8.419974    9.004775
------------------------------------------------------------------------------

. est store M1

.
. // Model 2: CATE
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan

      Source |       SS         df       MS      Number of obs   =     1,765
-------------+------------------------------   F(5, 1759)      =      5.55
       Model |  363.667165         5   72.733433   Prob > F        =    0.0000
    Residual |  23050.9243     1,759  13.1045619   R-squared       =    0.0155
-------------+------------------------------   Adj R-squared   =    0.0127
       Total |  23414.5915     1,764  13.2735779   Root MSE        =      3.62

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.7729202   .3751893    -2.06   0.040    -1.508784
>  -.0370563
      1.inc_partisan |   .9421123    .42601     2.21   0.027     .1065732
>   1.777651
                     |
treat_both#inc_partisan |
            1 1  |   .1645325   .523927     0.31   0.754    -.8630526
>   1.192118
                     |
       1.no_partisan |  -.3356506   .3690387    -0.91   0.363    -1.059451
>   .3881499
                     |
 treat_both#no_partisan |
            1 1  |   .9060064   .4533592     2.00   0.046     .0168269
>   1.795186
                     |
              _cons |   8.652482   .3048609    28.38   0.000     8.054554
>    9.25041
------------------------------------------------------------------------------
----------

. est store M2
```

```
.
. // Model 3: CATE covariate adjusted
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women educated se_gw urb i.ethnicity

    Source |       SS         df       MS      Number of obs   =     1,744
-------------+------------------------------   F(13, 1730)     =      9.66
     Model |  1571.10029       13  120.853869   Prob > F        =    0.0000
   Residual |  21636.1698    1,730  12.5064565   R-squared       =    0.0677
-------------+------------------------------   Adj R-squared   =    0.0607
     Total |  23207.2701    1,743  13.3145554   Root MSE        =    3.5364

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.8310344   .3703709    -2.24   0.025    -1.557456
>  -.1046126
       1.inc_partisan |   .5137986   .4219273     1.22   0.223    -.3137426
>    1.34134
                      |
treat_both#inc_partisan |
            1 1  |   .2099941   .5160759     0.41   0.684    -.8022042
>   1.222193
                      |
       1.no_partisan |  -.5413854   .3648734    -1.48   0.138    -1.257025
>    .174254
                      |
 treat_both#no_partisan |
            1 1  |    .956434   .4478278     2.14   0.033     .0780931
>   1.834775
                      |
             age |   .0044655   .0080269     0.56   0.578    -.0112779
>   .0202088
           women |    .03183   .1744297     0.18   0.855    -.3102853
>   .3739454
         educated |  -.6043426    .185646    -3.26   0.001    -.9684568
>  -.2402284
           se_gw |   .0090723   .0192159     0.47   0.637    -.0286165
>   .0467611
             urb |   .2238367   .1830638     1.22   0.222    -.1352129
>   .5828863
                      |
          ethnicity |
           Hausa  |   1.629724   .2248036     7.25   0.000     1.188808
```

```
>  2.070639
           Igbo  | -.1329482   .2616205    -0.51   0.611    -.646074
>  .3801776
         Yoruba  |  .5592157   .2451283     2.28   0.023    .0784367
>  1.039995
                 |
           _cons |  8.226778   .4804605    17.12   0.000    7.284433
>  9.169122
------------------------------------------------------------------------------
----------

. est store M3


.
. // Model 3: Treatment effect for incumbent partisans (not in Table 1, but rep
> orted in article)
. reg     y_add_5 i.treat_both##i.opp_partisan i.treat_both##i.no_partisan age
> women educated se_gw urb i.ethnicity

    Source |       SS         df       MS      Number of obs   =     1,744
-------------+------------------------------   F(13, 1730)     =      9.66
     Model |  1571.10029        13  120.853869   Prob > F        =    0.0000
   Residual |  21636.1698     1,730  12.5064565   R-squared       =    0.0677
-------------+------------------------------   Adj R-squared   =    0.0607
     Total |  23207.2701     1,743  13.3145554   Root MSE        =    3.5364

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
       1.treat_both |  -.6210402   .3591267    -1.73   0.084    -1.325408
>  .0833279
      1.opp_partisan |  -.5137986   .4219273    -1.22   0.223     -1.34134
>  .3137426
                     |
treat_both#opp_partisan |
            1 1  |  -.2099941   .5160759    -0.41   0.684    -1.222193
>  .8022042
                     |
       1.no_partisan |  -1.055184   .3584142    -2.94   0.003    -1.758155
>  -.3522132
                     |
 treat_both#no_partisan |
            1 1  |   .7464398   .4380377     1.70   0.089    -.1126994
>  1.605579
```

```
                |
            age |   .0044655   .0080269     0.56   0.578    -.0112779
>   .0202088
          women |    .03183   .1744297     0.18   0.855    -.3102853
>   .3739454
        educated |  -.6043426    .185646    -3.26   0.001    -.9684568
>  -.2402284
          se_gw |   .0090723   .0192159     0.47   0.637    -.0286165
>   .0467611
            urb |   .2238367   .1830638     1.22   0.222    -.1352129
>   .5828863
                |
        ethnicity |
          Hausa |   1.629724   .2248036     7.25   0.000     1.188808
>   2.070639
           Igbo |  -.1329482   .2616205    -0.51   0.611     -.646074
>   .3801776
         Yoruba |   .5592157   .2451283     2.28   0.023     .0784367
>   1.039995
                |
          _cons |   8.740576   .4744645    18.42   0.000     7.809992
>   9.671161
------------------------------------------------------------------------------
----------

.
. *------------------------------------------------------------------------------
> ---
. *** Figure 1: Conditional average treatment effects ***
.
. // Treatment effect for incumbent supporter
. reg     y_add_5 i.treat_both##i.opp_partisan i.treat_both##i.no_partisan

    Source |       SS         df       MS      Number of obs   =     1,765
-------------+----------------------------------   F(5, 1759)     =      5.55
     Model |  363.667165         5   72.733433   Prob > F        =    0.0000
   Residual |  23050.9243     1,759  13.1045619   R-squared       =    0.0155
-------------+----------------------------------   Adj R-squared   =    0.0127
     Total |  23414.5915     1,764  13.2735779   Root MSE        =      3.62

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.6083877   .3656945    -1.66   0.096    -1.325629
```

```
>  .1088539
      1.opp_partisan |  -.9421123    .42601   -2.21   0.027   -1.777651
>  -.1065732
                     |
treat_both#opp_partisan |
           1 1  |  -.1645325    .523927   -0.31   0.754   -1.192118
>  .8630526
                     |
      1.no_partisan |  -1.277763    .363034   -3.52   0.000   -1.989786
>  -.5657393
                     |
 treat_both#no_partisan |
           1 1  |   .7414739   .4455334    1.66   0.096   -.1323568
>  1.615305
                     |
           _cons |   9.594595    .297564    32.24   0.000    9.010978
>  10.17821
------------------------------------------------------------------------------
----------

. est store M2b

.
. // Treatment effect for non-partisan
. reg     y_add_5 i.treat_both##i.opp_partisan i.treat_both##i.inc_partisan

    Source |       SS         df       MS      Number of obs   =     1,765
-------------+------------------------------   F(5, 1759)      =      5.55
     Model |  363.667165         5   72.733433   Prob > F        =    0.0000
   Residual |  23050.9243     1,759  13.1045619   R-squared       =    0.0155
-------------+------------------------------   Adj R-squared   =    0.0127
     Total |  23414.5915     1,764  13.2735779   Root MSE        =      3.62

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
       1.treat_both |   .1330862   .2544947     0.52   0.601    -.3660577
>  .6322301
      1.opp_partisan |   .3356506   .3690387     0.91   0.363    -.3881499
>  1.059451
                     |
treat_both#opp_partisan |
           1 1  |  -.9060064   .4533592    -2.00   0.046    -1.795186
>  -.0168269
```

```
                |
      1.inc_partisan |   1.277763    .363034     3.52   0.000     .5657393
>   1.989786
                |
treat_both#inc_partisan |
            1 1  |  -.7414739   .4455334    -1.66   0.096    -1.615305
>   .1323568
                |
           _cons |   8.316832   .2079649    39.99   0.000     7.908947
>   8.724716
------------------------------------------------------------------------------
----------

. est store M2c

.
. // Coefficient plot
. coefplot (M2,  keep(1.treat_both) mcol(black) msymbol(C)  ciopts(lcol(black))
>  label(Opposition supporter)) ///
>               (M2b, keep(1.treat_both) mcol(black) msymbol(S)  mlcolor(gra
> y*1) mfcolor(gray*1) ciopts(lcol(gray*1))  label(Incumbent supporter)) ///
>               (M2c, keep(1.treat_both) mcol(black) msymbol(T)  mlcolor(gra
> y*0.7) mfcolor(gray*0.7) ciopts(lcol(gray*0.7)) label(No partisan affiliation
> )), ///
>               levels(95) xline(0, lcolor(red%100) lpatt(dash)) xscale(rang
> e(-1.5(0.5)1.5)) xlabel(-1.5(0.5)1.5) ///
>               xtitle("Conditional average treatment effects") title("") yl
> abel("")
(note:  named style C not found in class symbol, default attributes used)

.
.
. *------------------------------------------------------------------------
> ---
. * Sections: "Robustness tests and alternative explanations" + "Supplementary
> appendix"
. *------------------------------------------------------------------------
> ---
. *** Table A1: Summary statistics ***
.
. sort treatment

. by treatment: sum y_add_5 age women se_gw urb i.ethnicity

------------------------------------------------------------------------------
-> treatment = A:CTRL
```

```
   Variable |       Obs       Mean    Std. dev.       Min        Max
-------------+--------------------------------------------------------
    y_add_5 |       598    8.712375    3.683575         0         18
        age |       600    33.15833    11.86076        18         97
      women |       600    .4916667    .5003477         0          1
      se_gw |       593    6.489039    4.551911         0         18
        urb |       600        .56    .4968011         0          1
-------------+--------------------------------------------------------
            |
  ethnicity |
      Other |       600    .3666667    .4822965         0          1
      Hausa |       600    .2616667    .4399088         0          1
       Igbo |       600    .1633333     .369978         0          1
     Yoruba |       600    .2083333    .4064553         0          1

--------------------------------------------------------------------------------
-> treatment = B:TREAT 1

   Variable |       Obs       Mean    Std. dev.       Min        Max
-------------+--------------------------------------------------------
    y_add_5 |       596    8.511745    3.575575         0         19
        age |       598    32.02341    10.81268        18         80
      women |       600        .515    .5001919         0          1
      se_gw |       593    6.305228    4.415068         0         18
        urb |       600        .56    .4968011         0          1
-------------+--------------------------------------------------------
            |
  ethnicity |
      Other |       599    .3522538    .4780718         0          1
      Hausa |       599    .2704508    .4445639         0          1
       Igbo |       599    .1702838    .3761961         0          1
     Yoruba |       599    .2070117    .4055026         0          1

--------------------------------------------------------------------------------
-> treatment = C:TREAT 2

   Variable |       Obs       Mean    Std. dev.       Min        Max
-------------+--------------------------------------------------------
    y_add_5 |       599    8.404007    3.679063         0         18
        age |       599    32.40067    10.35715        18         73
      women |       600        .485    .5001919         0          1
      se_gw |       597    6.254606    4.418406         0         18
        urb |       600        .56    .4968011         0          1
-------------+--------------------------------------------------------
            |
  ethnicity |
      Other |       600    .3316667    .4712048         0          1
```

```
     Hausa |       600    .2683333    .4434617        0        1
     Igbo  |       600    .1816667    .3858913        0        1
    Yoruba |       600    .2183333    .4134596        0        1

-------------------------------------------------------------------------------
-> treatment = D:TREAT 3

   Variable |       Obs       Mean    Std. dev.       Min       Max
------------+--------------------------------------------------------
    y_add_5 |       598    8.735786    3.597006         0        18
       age  |       597    33.04858    10.90145        18        85
     women  |       600    .5083333    .5003477         0         1
     se_gw  |       597    6.519263    4.572868         0        20
       urb  |       600        .56    .4968011         0         1
------------+--------------------------------------------------------
          |
  ethnicity |
     Other  |       598    .3361204    .4727761         0         1
     Hausa  |       598    .2792642    .4490132         0         1
     Igbo   |       598    .1789298    .3836144         0         1
    Yoruba  |       598    .2056856    .4045401         0         1


.
. tab ethnicity treatment

          |          Treatment (categorical)
 Ethnicity |    A:CTRL  B:TREAT 1  C:TREAT 2  D:TREAT 3 |     Total
-----------+--------------------------------------------+----------
    Other  |       220       211       199       201  |       831
    Hausa  |       157       162       161       167  |       647
    Igbo   |        98       102       109       107  |       416
   Yoruba  |       125       124       131       123  |       503
-----------+--------------------------------------------+----------
    Total  |       600       599       600       598  |     2,397


.
. *-------------------------------------------------------------------------------
> ---
. *** Figure A1: Distribution of item responses ***
.
. foreach x in y_add_5 item1_b item2_b item3_b item4_b item5_b {
  2.        hist `x', yscale(range(0,200,1000)) ylabel(0(200)1000) lcolor(gray
> *0.9) fcolor(gray*0.6) freq
  3. }
(bin=33, start=0, width=.57575758)
(bin=33, start=0, width=.12121212)
```

```
(bin=33, start=0, width=.12121212)
(bin=33, start=0, width=.12121212)
(bin=33, start=0, width=.12121212)
(bin=33, start=0, width=.12121212)

.
. *-------------------------------------------------------------------------
> ---
. *** Figure A2: Covariate balance ***
.
. mlogit         treatment age women se_gw urb  educated vio_poll lga_non_elec
> tion_vio state_non_election_vio lga_election_vio state_election_vio i.ethnici
> ty, base(1)

Iteration 0:   log likelihood = -2041.4778
Iteration 1:   log likelihood = -2027.3091
Iteration 2:   log likelihood = -2027.2711
Iteration 3:   log likelihood = -2027.2711

Multinomial logistic regression                 Number of obs =  1,473
                                                LR chi2(39)   =  28.41
                                                Prob > chi2   = 0.8945
Log likelihood = -2027.2711                     Pseudo R2     = 0.0070

------------------------------------------------------------------------------
---------
          treatment | Coefficient  Std. err.      z    P>|z|     [95% conf.
> interval]
----------------------+-------------------------------------------------------
---------
A_CTRL                |  (base outcome)
----------------------+-------------------------------------------------------
---------
B_TREAT_1             |
              age |  -.0206234   .0070506    -2.93   0.003    -.0344424
> -.0068044
            women |   .0426789   .1520358     0.28   0.779    -.2553057
>  .3406635
            se_gw |  -.0071042   .0167785    -0.42   0.672    -.0399894
>   .025781
              urb |    .091882   .1640792     0.56   0.575    -.2297072
>  .4134713
         educated |   .2572832   .1620691     1.59   0.112    -.0603664
>  .5749329
         vio_poll |   .1973624   .2125588     0.93   0.353    -.2192452
>    .61397
  lga_non_election_vio |   .0039738   .0185992     0.21   0.831     -.03248
```

```
> .0404276
state_non_election_vio |   .0000289    .001637     0.02   0.986    -.0031795
> .0032373
    lga_election_vio |   .0342908   .0540545     0.63   0.526    -.0716541
> .1402356
   state_election_vio |  -.0007242   .0120446    -0.06   0.952    -.0243312
> .0228827
                      |
         ethnicity |
           Hausa |   .3218749   .2080485     1.55   0.122    -.0858926
> .7296424
            Igbo |    .287906   .2511514     1.15   0.252    -.2043417
> .7801538
           Yoruba |    .230275    .220597     1.04   0.297    -.2020872
> .6626372
                      |
           _cons |   .2909815   .3631284     0.80   0.423    -.4207371
>    1.0027
----------------------+-------------------------------------------------------
---------
C_TREAT_2             |
             age |  -.0139968   .0067751    -2.07   0.039    -.0272757
> -.0007179
           women |  -.0614434   .1521936    -0.40   0.686    -.3597372
> .2368505
            se_gw |  -.0134056   .0168069    -0.80   0.425    -.0463465
> .0195352
             urb |   .0099252   .1633597     0.06   0.952    -.3102539
> .3301044
          educated |   .0906584    .162656     0.56   0.577    -.2281415
> .4094582
          vio_poll |   -.215352   .2279313    -0.94   0.345    -.6620891
>   .231385
  lga_non_election_vio |    -.00182   .0187335    -0.10   0.923     -.038537
>   .034897
state_non_election_vio |   .0009132   .0016227     0.56   0.574    -.0022673
> .0040937
    lga_election_vio |   -.019715   .0576944    -0.34   0.733     -.132794
>   .093364
   state_election_vio |   .0026724   .0119149     0.22   0.823    -.0206804
> .0260252
                      |
         ethnicity |
           Hausa |   .1616964   .2081648     0.78   0.437    -.2462992
> .5696919
            Igbo |   .2184239   .2514933     0.87   0.385    -.2744939
> .7113417
```

```
         Yoruba |   .1771108   .2190598     0.81   0.419    -.2522386
>  .6064602
                |
          _cons |   .3791304    .358018     1.06   0.290    -.3225719
>  1.080833
----------------------+------------------------------------------------------------
---------
D_TREAT_3           |
            age |  -.0030172   .0066305    -0.46   0.649    -.0160128
>  .0099783
          women |   .0229164   .1535377     0.15   0.881    -.2780119
>  .3238447
          se_gw |   .0045897   .0168823     0.27   0.786    -.0284989
>  .0376784
            urb |   .1611181    .16595     0.97   0.332     -.164138
>  .4863742
        educated |   .1815018   .1640762     1.11   0.269    -.1400817
>  .5030853
        vio_poll |  -.2406446   .2308494    -1.04   0.297    -.6931012
>   .211812
 lga_non_election_vio |   .0010886   .0188083     0.06   0.954    -.035775
>  .0379521
state_non_election_vio |   .0005598   .0016326     0.34   0.732     -.00264
>  .0037596
    lga_election_vio |   .0052965   .0566297     0.09   0.925    -.1056957
>  .1162888
   state_election_vio |  -.0014042   .0119943    -0.12   0.907    -.0249127
>  .0221043
                |
         ethnicity |
          Hausa |    .166155   .2099069     0.79   0.429    -.245255
>   .577565
           Igbo |   .3703484   .2490369     1.49   0.137    -.1177549
>  .8584517
         Yoruba |   .1070844   .2235247     0.48   0.632    -.331016
>  .5451848
                |
          _cons |  -.2815915   .3629946    -0.78   0.438    -.9930478
>  .4298648
------------------------------------------------------------------------------
---------


.
. coefplot  ///
> (, keep(*B_TREAT_1*:*) drop(_cons) label(Control vs incumbent threat) msymbol
> (D) msize(vsmall)  mcol(black) ciopts(lcolor(black))) ///
> (, keep(*C_TREAT_2*:*) drop(_cons) label(Control vs opposition threat) msymbo
```

```
> l(S) msize(vsmall) mcol(gray*1) ciopts(lcolor(gray*1))) ///
> (, keep(*D_TREAT_3*:*) drop(_cons) label(Control vs Boko Haram threat) msize(
> vsmall) mcol(gray*0.8) ciopts(lcolor(gray*0.8))), ///
> levels(95) xline(0, lcolor(red)) legend(rows(3) size(small))  ///
> generate headings(1.ethnicity="{bf:Ethnicity}")

Generated variables:
Variable      Storage   Display    Value
    name         type    format    label      Variable label
------------------------------------------------------------------------------
__by            byte    %9.0g      __by       Subgraph ID
__plot          byte    %9.0g      __plot     Plot ID
__at            float   %9.0g                 Plot positions (category axis)
__mlbl          str1    %9s                   Marker labels
__mlpos         byte    %9.0g                 Marker label positions
__b             float   %9.0g                 Coefficients
__V             float   %9.0g                 Variances
__se            float   %9.0g                 Standard errors
__df            byte    %9.0g                 Degrees of freedom
__ll1           float   %9.0g                 CI1: lower limits
__ul1           float   %9.0g                 CI1: upper limits

. drop __*

.
. *------------------------------------------------------------------------------
> ---
. *** Table A3: Expected values for Y by partisanship and treatment ***
.
. // Bivariate model (Table 1, Model 2)
. est restore M2
(results M2 are active now)

. margins inc_partisan, at(treat_both=(0,1) no_partisan=(0))

Adjusted predictions                            Number of obs = 1,765
Model VCE: OLS

Expression: Linear prediction, predict()
1._at: treat_both  = 0
       no_partisan = 0
2._at: treat_both  = 1
       no_partisan = 0

------------------------------------------------------------------------------
---
             |            Delta-method
```

```
             |     Margin   std. err.      t    P>|t|     [95% conf. interv
> al]
-----------------+------------------------------------------------------------
---
_at#inc_partisan |
         1 0  |   8.652482   .3048609    28.38   0.000     8.054554     9.25
> 041
         1 1  |   9.594595    .297564    32.24   0.000     9.010978    10.17
> 821
         2 0  |   7.879562   .2186935    36.03   0.000     7.450635    8.308
> 489
         2 1  |   8.986207    .212575    42.27   0.000     8.569281    9.403
> 133
------------------------------------------------------------------------------
---

. margins, dydx(inc_partisan)  at(treat_both=(0,1) no_partisan=(0))

Conditional marginal effects                    Number of obs = 1,765
Model VCE: OLS

Expression: Linear prediction, predict()
dy/dx wrt:  1.inc_partisan
1._at: treat_both  = 0
       no_partisan = 0
2._at: treat_both  = 1
       no_partisan = 0

------------------------------------------------------------------------------
--
             |            Delta-method
             |      dy/dx   std. err.      t    P>|t|     [95% conf. interva
> l]
-----------------+------------------------------------------------------------
--
0.inc_partisan  |  (base outcome)
-----------------+------------------------------------------------------------
--
1.inc_partisan  |
          _at |
           1  |   .9421123    .42601     2.21   0.027     .1065732    1.7776
> 51
           2  |   1.106645   .3049836     3.63   0.000     .5084763    1.7048
> 13
------------------------------------------------------------------------------
--
Note: dy/dx for factor levels is the discrete change from the base level.
```

```
.
. // Covariate-adjusted model (Table 1, Model 3)
. est restore M3
(results M3 are active now)

. margins inc_partisan, at(treat_both=(0,1) no_partisan=(0))

Predictive margins                              Number of obs = 1,744
Model VCE: OLS

Expression: Linear prediction, predict()
1._at: treat_both  = 0
       no_partisan = 0
2._at: treat_both  = 1
       no_partisan = 0

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   std. err.      t    P>|t|     [95% conf. interv
> al]
-------------+----------------------------------------------------------------
_at#inc_partisan |
          1 0  |   8.878142   .3015594    29.44   0.000     8.286682    9.469
> 601
          1 1  |    9.39194   .2935555    31.99   0.000     8.816179    9.967
> 701
          2 0  |   8.047107   .2181738    36.88   0.000     7.619195     8.47
> 502
          2 1  |    8.7709   .2116155    41.45   0.000     8.355851    9.185
> 949
------------------------------------------------------------------------------

. margins, dydx(inc_partisan)  at(treat_both=(0,1) no_partisan=(0))

Average marginal effects                        Number of obs = 1,744
Model VCE: OLS

Expression: Linear prediction, predict()
dy/dx wrt:  1.inc_partisan
1._at: treat_both  = 0
       no_partisan = 0
2._at: treat_both  = 1
       no_partisan = 0
```

```
------------------------------------------------------------------------------
--
             |            Delta-method
             |      dy/dx   std. err.      t    P>|t|     [95% conf. interva
> l]
---------------+--------------------------------------------------------------
--
0.inc_partisan  |  (base outcome)
---------------+--------------------------------------------------------------
--
1.inc_partisan  |
          _at |
           1  |   .5137986   .4219273     1.22   0.223    -.3137426     1.341
> 34
           2  |   .7237927   .3048525     2.37   0.018     .1258745    1.3217
> 11
------------------------------------------------------------------------------
--
Note: dy/dx for factor levels is the discrete change from the base level.

.
.
. *------------------------------------------------------------------------
> ---
. *** Table A4: Conditional average treatment (OLS) effect for non-partisans **
> *
.
. // Model 1
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.opp_partisan

    Source |       SS         df       MS      Number of obs   =     1,765
-------------+----------------------------------   F(5, 1759)     =      5.55
     Model |  363.667165         5   72.733433   Prob > F        =    0.0000
   Residual |  23050.9243     1,759  13.1045619   R-squared       =    0.0155
-------------+----------------------------------   Adj R-squared   =    0.0127
     Total |  23414.5915     1,764  13.2735779   Root MSE        =      3.62

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |   .1330862   .2544947     0.52   0.601    -.3660577
>   .6322301
       1.inc_partisan |   1.277763    .363034     3.52   0.000     .5657393
```

```
>  1.989786
                |
treat_both#inc_partisan |
           1 1  |  -.7414739   .4455334    -1.66   0.096    -1.615305
>  .1323568
                |
      1.opp_partisan |   .3356506   .3690387     0.91   0.363    -.3881499
>  1.059451
                |
treat_both#opp_partisan |
           1 1  |  -.9060064   .4533592    -2.00   0.046    -1.795186
> -.0168269
                |
           _cons |   8.316832   .2079649    39.99   0.000     7.908947
>  8.724716
------------------------------------------------------------------------------
----------


.
. //Model 2
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.opp_partisan age
>  women se_gw urb i.ethnicity educated

    Source |       SS         df       MS      Number of obs   =     1,744
-------------+------------------------------   F(13, 1730)     =      9.66
     Model |  1571.10029       13  120.853869   Prob > F        =    0.0000
  Residual |  21636.1698    1,730  12.5064565   R-squared       =    0.0677
-------------+------------------------------   Adj R-squared   =    0.0607
     Total |  23207.2701    1,743  13.3145554   Root MSE        =    3.5364

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |   .1253996   .2508001     0.50   0.617    -.3665038
>   .617303
      1.inc_partisan |   1.055184   .3584142     2.94   0.003     .3522132
>  1.758155
                |
treat_both#inc_partisan |
           1 1  |  -.7464398   .4380377    -1.70   0.089    -1.605579
>  .1126994
                |
      1.opp_partisan |   .5413854   .3648734     1.48   0.138    -.174254
>  1.257025
```

```
                |
treat_both#opp_partisan |
           1 1  |   -.956434   .4478278    -2.14   0.033    -1.834775
>  -.0780931
                |
            age |   .0044655   .0080269     0.56   0.578    -.0112779
>   .0202088
          women |    .03183   .1744297     0.18   0.855    -.3102853
>   .3739454
          se_gw |   .0090723   .0192159     0.47   0.637    -.0286165
>   .0467611
            urb |   .2238367   .1830638     1.22   0.222    -.1352129
>   .5828863
                |
         ethnicity |
          Hausa  |   1.629724   .2248036     7.25   0.000     1.188808
>   2.070639
           Igbo  |  -.1329482   .2616205    -0.51   0.611     -.646074
>   .3801776
         Yoruba  |   .5592157   .2451283     2.28   0.023     .0784367
>   1.039995
                |
         educated |  -.6043426    .185646    -3.26   0.001    -.9684568
>  -.2402284
           _cons |   7.685393   .4245898    18.10   0.000     6.852629
>   8.518156
------------------------------------------------------------------------------
----------

.
. *-------------------------------------------------------------------------
> ---
. *** Table A5: Conditional average treatment effects (OLS) for sub-sample ***
.
. // Model 1-2: Incumbent supporters
. reg     y_add_5 i.treat_both if inc_partisan==1

    Source |       SS         df       MS      Number of obs   =       438
-------------+----------------------------------   F(1, 436)      =      2.55
     Model |  36.2699077        1  36.2699077   Prob > F        =    0.1113
   Residual |   6211.6205      436   14.246836   R-squared       =    0.0058
-------------+----------------------------------   Adj R-squared   =    0.0035
     Total |  6247.89041      437  14.2972321   Root MSE        =    3.7745

------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
```

```
1.treat_both |  -.6083877   .3812997    -1.60   0.111    -1.357802    .1410262
      _cons |   9.594595   .3102618    30.92   0.000      8.9848    10.20439
------------------------------------------------------------------------------

. reg     y_add_5 i.treat_both age women se_gw urb i.ethnicity educated if inc_
> partisan==1

    Source |       SS         df       MS      Number of obs   =       436
-------------+------------------------------   F(9, 426)       =      2.39
     Model |  300.200201        9  33.3555779   Prob > F        =    0.0119
  Residual |  5942.99934      426  13.9507027   R-squared       =    0.0481
-------------+------------------------------   Adj R-squared   =    0.0280
     Total |  6243.19954      435  14.3521829   Root MSE        =    3.7351

------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
1.treat_both |  -.6067186   .3819017    -1.59   0.113    -1.357365    .1439277
       age |   .0179142   .0161794     1.11   0.269    -.0138871    .0497155
     women |  -.1201497   .3725108    -0.32   0.747    -.8523376    .6120381
     se_gw |   .0041827   .0393121     0.11   0.915    -.0730871    .0814526
       urb |   .6644995   .3903492     1.70   0.089    -.1027507     1.43175
           |
  ethnicity |
     Hausa |   1.334158   .4408753     3.03   0.003     .4675964     2.20072
      Igbo |   .8422202   1.087756     0.77   0.439    -1.295817    2.980257
    Yoruba |   .5829694   .4889041     1.19   0.234    -.3779952    1.543934
           |
   educated |  -.6461351   .4035442    -1.60   0.110    -1.439321    .1470504
      _cons |    8.20244   .8384103     9.78   0.000     6.554504    9.850376
------------------------------------------------------------------------------

.
. // Model 3-4: Opposition supporters
. reg     y_add_5 i.treat_both if opp_partisan==1

    Source |       SS         df       MS      Number of obs   =       415
-------------+------------------------------   F(1, 413)       =      4.08
     Model |  55.6148695        1  55.6148695   Prob > F        =    0.0440
  Residual |  5626.99718      413  13.6246905   R-squared       =    0.0098
-------------+------------------------------   Adj R-squared   =    0.0074
     Total |  5682.61205      414  13.7261161   Root MSE        =    3.6912

------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
1.treat_both |  -.7729202   .3825626    -2.02   0.044    -1.524933   -.0209075
```

```
       _cons |   8.652482   .3108521    27.83   0.000     8.041433    9.263532
------------------------------------------------------------------------------

. reg     y_add_5 i.treat_both age women se_gw urb i.ethnicity  educated if opp
> _partisan==1

      Source |       SS         df       MS      Number of obs   =       407
-------------+------------------------------   F(9, 397)       =      3.01
       Model |  357.406259        9  39.7118065   Prob > F        =    0.0017
    Residual |  5238.69202      397  13.1956978   R-squared       =    0.0639
-------------+------------------------------   Adj R-squared   =    0.0426
       Total |  5596.09828      406  13.7834933   Root MSE        =    3.6326

------------------------------------------------------------------------------
     y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
1.treat_both |  -.7973849   .3830467    -2.08   0.038    -1.550438   -.0443315
         age |  -.0205902   .0167258    -1.23   0.219    -.0534724    .0122919
       women |   .2549496   .3714431     0.69   0.493    -.4752917    .9851909
       se_gw |   -.058824    .043118    -1.36   0.173     -.143592    .0259441
         urb |   .4805587   .3870838     1.24   0.215    -.2804314    1.241549
             |
   ethnicity |
       Hausa |   1.685335   .5004577     3.37   0.001     .7014566    2.669214
        Igbo |   .2122635   .5117863     0.41   0.679    -.7938866    1.218414
      Yoruba |   1.277049   .5460058     2.34   0.020     .2036246    2.350473
             |
    educated |  -.3160418   .3804656    -0.83   0.407    -1.064021    .4319373
       _cons |   8.907574   .8476806    10.51   0.000      7.24107    10.57408
------------------------------------------------------------------------------

.
. // Model 5-6: Non-partisans
. reg     y_add_5 i.treat_both if no_partisan==1

      Source |       SS         df       MS      Number of obs   =       912
-------------+------------------------------   F(1, 910)       =      0.29
       Model |  3.58369657        1  3.58369657   Prob > F        =    0.5898
    Residual |  11212.3067      910  12.3212161   R-squared       =    0.0003
-------------+------------------------------   Adj R-squared   =   -0.0008
       Total |  11215.8904      911   12.311625   Root MSE        =    3.5102

------------------------------------------------------------------------------
     y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
1.treat_both |   .1330862   .2467711     0.54   0.590    -.3512203    .6173928
       _cons |   8.316832   .2016534    41.24   0.000     7.921072    8.712591
```

```
------------------------------------------------------------------------------

. reg     y_add_5 i.treat_both age women se_gw urb i.ethnicity  educated if no_
> partisan==1

    Source |       SS         df       MS      Number of obs   =       901
-------------+------------------------------   F(9, 891)       =      8.13
     Model |  842.810467         9  93.6456074   Prob > F        =    0.0000
  Residual |  10257.0674       891  11.5118602   R-squared       =    0.0759
-------------+------------------------------   Adj R-squared   =    0.0666
     Total |  11099.8779       900  12.3331977   Root MSE        =    3.3929

------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
1.treat_both |   .1521153    .241027     0.63   0.528    -.3209316    .6251622
       age |   .0068822   .0112705     0.61   0.542    -.0152375    .0290019
     women |   .0373313   .2341662     0.16   0.873    -.4222504    .4969129
     se_gw |   .0387417   .0257802     1.50   0.133    -.0118553    .0893386
       urb |  -.1288288   .2452337    -0.53   0.599    -.6101318    .3524742
           |
  ethnicity |
     Hausa |   1.725149    .311999     5.53   0.000     1.11281    2.337487
      Igbo |  -.3562268   .3211887    -1.11   0.268    -.9866013    .2741477
    Yoruba |   .2581928   .3345782     0.77   0.440    -.3984603     .914846
           |
   educated |  -.7501488   .2507479    -2.99   0.003    -1.242274   -.2580235
      _cons |   7.728857   .5449721    14.18   0.000     6.659278    8.798435
------------------------------------------------------------------------------


.
. *------------------------------------------------------------------------
> ---
. *** Table A6: Conditional average treatment effects (OLS) with PSU-level clus
> tered standard errors and fixed effects ***
.
. // Model 1: clustered SE
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan, vce
> (cluster psu)

Linear regression                               Number of obs     =      1,765
                                                F(5, 299)         =       5.43
                                                Prob > F          =     0.0001
                                                R-squared         =     0.0155
                                                Root MSE          =       3.62

                                   (Std. err. adjusted for 300 cluste
```

```
> rs in psu)
------------------------------------------------------------------------------
----------
                |               Robust
          y_add_5 | Coefficient  std. err.      t    P>|t|     [95% conf.
>  interval]
------------------------+-----------------------------------------------------
----------
       1.treat_both |  -.7729202   .3707375    -2.08   0.038    -1.502506
>  -.0433349
      1.inc_partisan |   .9421123   .4714519     2.00   0.047     .0143281
>   1.869897
                |
treat_both#inc_partisan |
            1 1  |   .1645325   .5339801     0.31   0.758    -.8863028
>   1.215368
                |
      1.no_partisan |  -.3356506   .4003449    -0.84   0.402    -1.123501
>     .4522
                |
 treat_both#no_partisan |
            1 1  |   .9060064   .4454029     2.03   0.043     .0294848
>   1.782528
                |
           _cons |   8.652482   .3463638    24.98   0.000     7.970863
>   9.334102
------------------------------------------------------------------------------
----------


.
. // Model 3: clustered SE
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women educated se_gw urb i.ethnicity, vce(cluster psu)

Linear regression                       Number of obs     =      1,744
                                        F(13, 299)        =       7.55
                                        Prob > F          =     0.0000
                                        R-squared         =     0.0677
                                        Root MSE          =     3.5364

                                (Std. err. adjusted for 300 cluste
> rs in psu)
------------------------------------------------------------------------------
----------
                |               Robust
          y_add_5 | Coefficient  std. err.      t    P>|t|     [95% conf.
>  interval]
```

```
----------------------+------------------------------------------------------
----------
       1.treat_both |  -.8310344    .36833    -2.26   0.025    -1.555882
>  -.1061868
      1.inc_partisan |   .5137986   .4608759     1.11   0.266    -.3931727
>    1.42077
                     |
treat_both#inc_partisan |
           1 1  |   .2099941   .5263201     0.40   0.690    -.8257668
>   1.245755
                     |
      1.no_partisan |  -.5413854   .3866574    -1.40   0.162     -1.3023
>   .2195292
                     |
 treat_both#no_partisan |
           1 1  |    .956434   .4385125     2.18   0.030     .0934721
>   1.819396
                     |
            age |   .0044655   .0081365     0.55   0.584    -.0115466
>   .0204775
          women |    .03183   .1914683     0.17   0.868    -.3449662
>   .4086263
        educated |  -.6043426   .1975978    -3.06   0.002    -.9932011
>  -.2154841
          se_gw |   .0090723   .0223599     0.41   0.685    -.0349305
>   .0530751
            urb |   .2238367   .2362098     0.95   0.344    -.2410076
>    .688681
                     |
        ethnicity |
          Hausa  |   1.629724   .2764955     5.89   0.000      1.0856
>   2.173847
           Igbo  |  -.1329482   .3287012    -0.40   0.686    -.779809
>   .5139126
         Yoruba  |   .5592157   .3041009     1.84   0.067    -.0392335
>   1.157665
                     |
           _cons |   8.226778   .5412428    15.20   0.000     7.16165
>   9.291906
------------------------------------------------------------------------------
----------

.
. // Model 2: PSU FE
. xtset psu

Panel variable: psu (balanced)
```

```
. xtreg y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan, fe

Fixed-effects (within) regression           Number of obs     =      1,765
Group variable: psu                         Number of groups  =        300

R-squared:                                  Obs per group:
     Within  = 0.0107                                         min =         4
     Between = 0.0291                                         avg =       5.9
     Overall = 0.0144                                         max =         6

                                            F(5,1460)         =      3.16
corr(u_i, Xb) = 0.0357                      Prob > F          =    0.0077

------------------------------------------------------------------------------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-------------------+----------------------------------------------------------
        1.treat_both |  -.6467226    .370986    -1.74   0.081    -1.374445
>   .0809999
      1.inc_partisan |   .6008344   .4391945     1.37   0.172    -.2606852
>   1.462354
                     |
treat_both#inc_partisan |
            1 1  |   .1743091   .5268761     0.33   0.741    -.8592058
>   1.207824
                     |
       1.no_partisan |  -.4835944   .3810437    -1.27   0.205    -1.231046
>   .2638571
                     |
 treat_both#no_partisan |
            1 1  |   .6929946   .4545037     1.52   0.128    -.1985553
>   1.584545
                     |
           _cons |    8.80164   .3069478    28.67   0.000     8.199534
>   9.403746
-------------------+----------------------------------------------------------
           sigma_u |  1.9554977
           sigma_e |  3.3431499
              rho |  .25492083   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(299, 1460) = 2.01                   Prob > F = 0.0000
```

```
.
. // Model 4: PSU FE
. xtreg y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age wo
> men educated se_gw urb i.ethnicity, fe
note: urb omitted because of collinearity.

Fixed-effects (within) regression           Number of obs     =      1,744
Group variable: psu                         Number of groups  =        300

R-squared:                                  Obs per group:
     Within  = 0.0181                                   min =          3
     Between = 0.0615                                   avg =        5.8
     Overall = 0.0297                                   max =          6

                                            F(12,1432)        =      2.20
corr(u_i, Xb) = 0.0535                      Prob > F          =     0.0099

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.6443209   .3757828    -1.71   0.087    -1.381465
>   .0928229
       1.inc_partisan |   .5924782   .4428115     1.34   0.181    -.2761505
>   1.461107
                      |
treat_both#inc_partisan |
            1 1  |   .1971248   .5316119     0.37   0.711    -.8456968
>   1.239946
                      |
       1.no_partisan |  -.4955023   .3860866    -1.28   0.200    -1.252858
>   .2618537
                      |
 treat_both#no_partisan |
            1 1  |   .6852341    .461239     1.49   0.138    -.2195425
>   1.590011
                      |
             age |   .0093188   .0084581     1.10   0.271    -.0072728
>   .0259104
           women |    .035443   .1712625     0.21   0.836    -.3005093
>   .3713953
         educated |  -.5589605   .2059524    -2.71   0.007    -.9629612
>  -.1549597
           se_gw |   .0288323   .0243372     1.18   0.236    -.0189079
>   .0765726
```

```
              urb |          0  (omitted)
                  |
          ethnicity |
            Hausa |  -.0087443   .4023463    -0.02   0.983    -.7979957
>   .7805071
             Igbo |  -.1926174   .5279894    -0.36   0.715    -1.228333
>   .8430982
           Yoruba |  -.2233225   .5256632    -0.42   0.671    -1.254475
>   .8078299
                  |
            _cons |    8.59182   .5116799    16.79   0.000     7.588097
>   9.595542
------------------------+------------------------------------------------------------
----------
            sigma_u |  1.9324248
            sigma_e |   3.343477
                rho |  .25040163   (fraction of variance due to u_i)
------------------------------------------------------------------------------
----------
F test that all u_i=0: F(299, 1432) = 1.69                     Prob > F = 0.0000


.
. *-------------------------------------------------------------------------
> ---
. *** Table A7: Conditional average treatment effects (OLS) excluding item / it
> em 3 + item 5 ***
.
. // Model 1: Without item 3, bivariate
. reg     y_add_noitem3 i.treat_both##i.inc_partisan i.treat_both##i.no_partisa
> n

      Source |       SS         df       MS      Number of obs   =     1,766
-------------+----------------------------------   F(5, 1760)     =      6.78
       Model |  482.904332        5  96.5808665   Prob > F        =    0.0000
    Residual |   25058.154    1,760  14.2375875   R-squared       =    0.0189
-------------+----------------------------------   Adj R-squared   =    0.0161
       Total |  25541.0583    1,765  14.4708546   Root MSE        =    3.7733

------------------------------------------------------------------------------
----------
       y_add_noitem3 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
---------------------+------------------------------------------------------------
----------
        1.treat_both |  -.7507636   .3910726    -1.92   0.055    -1.517779
>   .0162522
      1.inc_partisan |   1.284598   .4440447     2.89   0.004     .4136878
```

```
>  2.155509
                |
treat_both#inc_partisan |
           1 1  |  -.0865617    .546107    -0.16   0.874    -1.157648
>  .9845249
                |
      1.no_partisan |  -.2430307   .3846616    -0.63   0.528    -.9974724
>   .511411
                |
 treat_both#no_partisan |
           1 1  |   .8726107   .4725112     1.85   0.065    -.0541316
>  1.799353
                |
           _cons |   6.411348   .3177669    20.18   0.000     5.788107
>  7.034588
------------------------------------------------------------------------------
----------


.
. // Model 2 Without item 3, covariate adjutsed
. reg y_add_noitem3 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan ag
> e women se_gw urb i.ethnicity educated

    Source |       SS         df       MS      Number of obs   =     1,745
-------------+----------------------------------  F(13, 1731)    =     11.88
     Model |   2073.4468       13  159.495907   Prob > F        =    0.0000
  Residual |  23235.7165    1,731  13.4232909   R-squared       =    0.0819
-------------+----------------------------------  Adj R-squared   =    0.0750
     Total |  25309.1633    1,744  14.5121349   Root MSE        =    3.6638

------------------------------------------------------------------------------
----------
       y_add_noitem3 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |   -.828835   .3837048    -2.16   0.031    -1.581409
>  -.0762613
      1.inc_partisan |   .7742615   .4371156     1.77   0.077    -.0830688
>   1.631592
                |
treat_both#inc_partisan |
           1 1  |  -.0225437   .5346574    -0.04   0.966    -1.071186
>   1.026099
                |
      1.no_partisan |  -.5050943   .3780111    -1.34   0.182    -1.246501
>   .2363121
```

```
                |
 treat_both#no_partisan |
           1 1  |   .9403008   .4639345     2.03   0.043     .0303697
>   1.850232
                |
            age |    .00465   .0083159     0.56   0.576    -.0116602
>   .0209602
          women |   .2262063   .1806829     1.25   0.211    -.1281735
>   .5805861
          se_gw |   .0268217   .0199047     1.35   0.178     -.012218
>   .0658614
            urb |   .1333227   .1895871     0.70   0.482    -.2385213
>   .5051667
                |
         ethnicity |
          Hausa  |    1.86205    .232896     8.00   0.000     1.405263
>   2.318837
           Igbo  |  -.3243873   .2706971    -1.20   0.231     -.855315
>   .2065405
         Yoruba  |   .5282836   .2539502     2.08   0.038     .0302022
>   1.026365
                |
         educated |  -.5892072   .1923145    -3.06   0.002    -.9664004
>   -.212014
           _cons |    5.84765   .4976897    11.75   0.000     4.871513
>   6.823786
------------------------------------------------------------------------------
----------

.
. // Model 3: Without item 3 + item 5, bivariate
. reg     y_add_noitem3_5 i.treat_both##i.inc_partisan i.treat_both##i.no_parti
> san

     Source |       SS         df       MS      Number of obs   =     1,770
-------------+----------------------------------   F(5, 1764)     =      5.95
      Model |  296.237285         5  59.2474571   Prob > F        =    0.0000
   Residual |  17576.2576     1,764  9.96386487   R-squared       =    0.0166
-------------+----------------------------------   Adj R-squared   =    0.0138
      Total |  17872.4949     1,769  10.1031628   Root MSE        =    3.1566

------------------------------------------------------------------------------
----------
       y_add_noitem3_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
```

```
       1.treat_both |   -.693586   .3271547    -2.12   0.034    -1.335238
> -.0519343
      1.inc_partisan |   .8286525   .3702587     2.24   0.025     .1024606
>  1.554844
                     |
treat_both#inc_partisan |
           1 1  |   .2650802   .4558663     0.58   0.561    -.6290148
>  1.159175
                     |
      1.no_partisan |  -.1803244   .3217915    -0.56   0.575    -.8114572
>  .4508083
                     |
 treat_both#no_partisan |
           1 1  |   .7566805   .3952152     1.91   0.056    -.0184589
>   1.53182
                     |
           _cons |   4.744681   .2658302    17.85   0.000     4.223305
>  5.266056
------------------------------------------------------------------------------
----------

.
. // Model 4: Without item 3 + item 5, covariate adjusted
. reg     y_add_noitem3_5 i.treat_both##i.inc_partisan i.treat_both##i.no_parti
> san age women se_gw urb i.ethnicity educated

    Source |       SS         df       MS      Number of obs   =     1,749
-------------+------------------------------   F(13, 1735)     =     11.18
     Model |  1371.20904        13  105.477618   Prob > F        =    0.0000
   Residual |  16366.9087     1,735  9.4333768   R-squared       =    0.0773
-------------+------------------------------   Adj R-squared   =    0.0704
     Total |  17738.1178     1,748  10.1476646   Root MSE        =    3.0714

------------------------------------------------------------------------------
----------
      y_add_noitem3_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
----------------------+-------------------------------------------------------
----------
       1.treat_both |  -.7639854   .3216608    -2.38   0.018    -1.394869
>  -.1331017
      1.inc_partisan |   .3937265   .3652423     1.08   0.281    -.322635
>  1.110088
                     |
treat_both#inc_partisan |
           1 1  |   .3193653   .4471821     0.71   0.475    -.5577074
>  1.196438
```

```
                 |
       1.no_partisan |  -.4100759   .3168882    -1.29   0.196    -1.031599
>   .2114471
                 |
 treat_both#no_partisan |
             1 1  |   .8267175   .3888701     2.13   0.034      .064014
>   1.589421
                 |
              age |    .008876   .0069352     1.28   0.201    -.0047263
>   .0224783
             women |   .2047418   .1513004     1.35   0.176    -.0920086
>   .5014922
             se_gw |   .0285326   .0166781     1.71   0.087    -.0041787
>   .0612439
              urb |   .1479711    .158823     0.93   0.352    -.1635335
>   .4594758
                 |
          ethnicity |
            Hausa  |   1.502571   .1950375     7.70   0.000     1.120037
>   1.885104
             Igbo  |  -.2585113   .2266479    -1.14   0.254    -.7030431
>   .1860206
           Yoruba  |   .4167145   .2127171     1.96   0.050    -.0004943
>   .8339233
                 |
          educated |  -.4827302   .1611153    -3.00   0.003    -.7987308
>  -.1667295
             _cons |    4.06839     .41645     9.77   0.000     3.251593
>   4.885187
------------------------------------------------------------------------------
----------


.
. *------------------------------------------------------------------------
> ---
. *** Table A8: Factor analysis of outcome items included in the additive index
>  and cronbach's alpha testscale ***
.
. alpha item1_b item2_b item3_b item4_b item5_b, item

Test scale = mean(unstandardized items)

                                                  Average
                         Item-test     Item-rest       interitem
Item         |  Obs  Sign   correlation   correlation     covariance      alpha
-------------+----------------------------------------------------------------
item1_b      | 2400    +       0.6750        0.4138        .4206557      0.5173
```

```
item2_b     | 2399   +      0.6847       0.4511       .4112285     0.4981
item3_b     | 2399   -      0.5825       0.2990       .5203526     0.5798
item4_b     | 2397   +      0.5940       0.3363       .5048169     0.5592
item5_b     | 2396   +      0.5708       0.2944       .5298312     0.5805
-------------+--------------------------------------------------------------------
Test scale   |                                 .4773882     0.6029
-------------------------------------------------------------------------------

. factor item1_b item2_b item3_b item4_b item5_b
(obs=2,391)

Factor analysis/correlation                  Number of obs    =      2,391
   Method: principal factors                 Retained factors =          1
   Rotation: (unrotated)                     Number of params =          5

   --------------------------------------------------------------------------
      Factor  |   Eigenvalue   Difference      Proportion   Cumulative
   -------------+------------------------------------------------------------
      Factor1  |     1.10980     1.11425         1.5436      1.5436
      Factor2  |    -0.00445     0.06402         -0.0062      1.5374
      Factor3  |    -0.06847     0.06371         -0.0952      1.4421
      Factor4  |    -0.13218     0.05353         -0.1838      1.2583
      Factor5  |    -0.18571           .         -0.2583      1.0000
   --------------------------------------------------------------------------
   LR test: independent vs. saturated:  chi2(10) = 1087.11 Prob>chi2 = 0.0000

Factor loadings (pattern matrix) and unique variances

   ----------------------------------------
      Variable |  Factor1 |   Uniqueness
   -------------+----------+--------------
      item1_b |   0.5393 |      0.7091
      item2_b |   0.5763 |      0.6679
      item3_b |  -0.3819 |      0.8542
      item4_b |   0.4444 |      0.8025
      item5_b |   0.3788 |      0.8565
   ----------------------------------------

. rotate

Factor analysis/correlation                  Number of obs    =      2,391
   Method: principal factors                 Retained factors =          1
   Rotation: orthogonal varimax (Kaiser off)    Number of params =          5

   --------------------------------------------------------------------------
      Factor  |    Variance   Difference      Proportion   Cumulative
   -------------+------------------------------------------------------------
```

```
    Factor1 |     1.10980          .          1.5436      1.5436
-------------------------------------------------------------------------
LR test: independent vs. saturated:  chi2(10) = 1087.11 Prob>chi2 = 0.0000
```

Rotated factor loadings (pattern matrix) and unique variances

```
-------------------------------------
   Variable |  Factor1 |   Uniqueness
------------+----------+--------------
    item1_b |   0.5393 |     0.7091
    item2_b |   0.5763 |     0.6679
    item3_b |  -0.3819 |     0.8542
    item4_b |   0.4444 |     0.8025
    item5_b |   0.3788 |     0.8565
-------------------------------------
```

Factor rotation matrix

```
----------------------
            | Factor1
------------+---------
    Factor1 |  1.0000
----------------------


. 
. *-------------------------------------------------------------------------------
> ---
. *** Table A9: Conditional average treatment effects (OLS) with additional cov
> ariates (controlling for election violence) ***
. 
. // Model 1: witnessed violence at polling station
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women se_gw urb i.ethnicity educated vio_poll

     Source |       SS         df       MS      Number of obs   =     1,105
------------+------------------------------   F(14, 1090)     =      6.49
      Model |  1164.72043       14  83.1943162   Prob > F        =    0.0000
   Residual |  13964.2877     1,090  12.8112731   R-squared       =    0.0770
------------+------------------------------   Adj R-squared   =    0.0651
      Total |  15129.0081     1,104  13.7038117   Root MSE        =    3.5793

------------------------------------------------------------------------------
----------
            y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
------------------------+-----------------------------------------------------
----------
```

```
       1.treat_both |  -.8680233   .4162495    -2.09   0.037    -1.684764
>  -.0512825
      1.inc_partisan |    .409753   .4796149     0.85   0.393    -.5313199
>   1.350826
                     |
treat_both#inc_partisan |
           1 1  |   .3920967    .584801     0.67   0.503    -.7553663
>    1.53956
                     |
      1.no_partisan |  -.3438225   .4463642    -0.77   0.441    -1.219653
>   .5320077
                     |
 treat_both#no_partisan |
           1 1  |   1.062813   .5548631     1.92   0.056    -.0259077
>   2.151534
                     |
            age |   .0110043   .0101718     1.08   0.280    -.0089542
>   .0309629
          women |   .3978103   .2237618     1.78   0.076    -.0412422
>   .8368629
          se_gw |  -.0270303   .0244792    -1.10   0.270    -.075062
>   .0210014
            urb |   .2244183   .2332939     0.96   0.336    -.2333377
>   .6821743
                     |
         ethnicity |
          Hausa  |   1.594878   .2792454     5.71   0.000     1.046958
>   2.142797
           Igbo  |  -.6951107   .3606069    -1.93   0.054    -1.402673
>   .0124515
          Yoruba  |   .4748043    .31145     1.52   0.128    -.1363051
>   1.085914
                     |
         educated |  -.4345986    .237399    -1.83   0.067    -.9004093
>   .0312122
         vio_poll |   .0618019    .319247     0.19   0.847    -.5646062
>   .6882101
            _cons |   8.059331   .5884819    13.70   0.000     6.904646
>   9.214017
------------------------------------------------------------------------------
----------


. // Model 2: Election violence events at LGA
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women  se_gw urb i.ethnicity educated  lga_election_vio
```

```
    Source |       SS       df       MS      Number of obs   =     1,744
-------------+------------------------------   F(14, 1729)    =      9.10
       Model |  1592.1858     14  113.727557   Prob > F        =    0.0000
    Residual |  21615.0843   1,729  12.5014947   R-squared      =    0.0686
-------------+------------------------------   Adj R-squared   =    0.0611
       Total |  23207.2701   1,743  13.3145554   Root MSE       =    3.5357

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
> interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.8345354   .3703072    -2.25   0.024    -1.560833
>  -.1082382
       1.inc_partisan |    .503667   .4219157     1.19   0.233    -.3238518
>   1.331186
                      |
treat_both#inc_partisan |
            1 1  |   .2108786    .515974     0.41   0.683    -.8011203
>   1.222877
                      |
       1.no_partisan |  -.5427599   .3648025    -1.49   0.137    -1.25826
>   .1727408
                      |
 treat_both#no_partisan |
            1 1  |   .9643918   .4477809     2.15   0.031     .0861426
>   1.842641
                      |
             age |   .0043518   .0080257     0.54   0.588    -.0113894
>   .0200929
           women |   .0375261   .1744503     0.22   0.830    -.3046297
>   .3796818
           se_gw |   .0097204   .0192185     0.51   0.613    -.0279737
>   .0474144
             urb |   .1731047   .1871497     0.92   0.355    -.1939589
>   .5401683
                      |
         ethnicity |
           Hausa  |   1.595325   .2263143     7.05   0.000     1.151446
>   2.039204
            Igbo  |  -.1640148   .2626602    -0.62   0.532    -.6791799
>   .3511503
          Yoruba  |   .5490672   .2452042     2.24   0.025     .0681391
>   1.029995
                      |
          educated |  -.5850749   .1862011    -3.14   0.002     -.950278
```

```
>  -.2198717
     lga_election_vio |  -.0676623   .0520998    -1.30   0.194    -.1698476
>   .0345229
            _cons |   8.308898    .484509    17.15   0.000     7.358612
>   9.259183
------------------------------------------------------------------------------
----------


.
. // Model 3: Election violence events at state
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women  se_gw urb i.ethnicity educated  state_election_vio

    Source |       SS         df       MS      Number of obs   =     1,744
-------------+----------------------------------  F(14, 1729)    =     11.97
     Model |  2050.29215       14  146.449439   Prob > F        =    0.0000
   Residual |  21156.9779     1,729  12.2365401   R-squared      =    0.0883
-------------+----------------------------------  Adj R-squared   =    0.0810
     Total |  23207.2701     1,743  13.3145554   Root MSE       =    3.4981

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.8275707   .3663528    -2.26   0.024    -1.546112
>  -.1090295
       1.inc_partisan |   .4207144   .4176144     1.01   0.314    -.3983681
>   1.239797
                      |
treat_both#inc_partisan |
            1 1  |   .1901314   .5104864     0.37   0.710    -.8111044
>   1.191367
                      |
       1.no_partisan |   -.48179   .3610401    -1.33   0.182    -1.189911
>   .2263313
                      |
 treat_both#no_partisan |
            1 1  |   .9709367    .442975     2.19   0.029     .1021136
>    1.83976
                      |
             age |   .0062246   .0079447     0.78   0.433    -.0093577
>   .0218069
           women |   .0194566   .1725485     0.11   0.910    -.3189692
>   .3578824
           se_gw |   .0143222   .0190259     0.75   0.452     -.022994
```

```
>  .0516384
            urb |   .193105   .1811441    1.07   0.287    -.1621797
>  .5483897
                |
         ethnicity |
          Hausa |   1.075423   .2393571    4.49   0.000    .6059635
>  1.544883
           Igbo |  -.3638242   .2613986   -1.39   0.164    -.876515
>  .1488666
          Yoruba |   .5514438   .2424719    2.27   0.023    .0758748
>  1.027013
                |
         educated |  -.4776331   .1847447   -2.59   0.010    -.8399797
>  -.1152865
   state_election_vio |  -.0729949   .0116645   -6.26   0.000    -.0958729
>  -.0501168
           _cons |   8.947869   .4890175    18.30   0.000    7.988741
>  9.906997
------------------------------------------------------------------------------
----------

.
. *-------------------------------------------------------------------------
> ---
. ***  Table A10: Average and conditional average treatment effects (OLS), subn
> ational partisanship dynamics ***
.
. // Model 1
. reg    y_add_5 i.treat_both

    Source |       SS         df       MS      Number of obs   =     1,793
-------------+------------------------------   F(1, 1791)      =      1.94
     Model |  25.8417292         1  25.8417292   Prob > F        =    0.1634
  Residual |  23805.1443     1,791  13.2915379   R-squared       =    0.0011
-------------+------------------------------   Adj R-squared   =    0.0005
     Total |  23830.9861     1,792  13.2985413   Root MSE        =    3.6458

------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
1.treat_both |   -.254634   .1826178    -1.39   0.163    -.6128004    .1035325
     _cons |   8.712375   .1490861    58.44   0.000     8.419974    9.004775
------------------------------------------------------------------------------

.
. // Model 2
. reg    y_add_5 i.treat_both##i.centralstate
```

```
    Source |       SS       df       MS      Number of obs   =     1,765
-------------+------------------------------   F(9, 1755)     =      3.36
     Model |  396.885797         9  44.0984219   Prob > F        =    0.0004
   Residual |  23017.7057     1,755  13.1155018   R-squared       =    0.0170
-------------+------------------------------   Adj R-squared   =    0.0119
     Total |  23414.5915     1,764  13.2735779   Root MSE        =    3.6215

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
       1.treat_both |  -.5763052   .5038674    -1.14   0.253    -1.564549
>   .4119384
                    |
       centralstate |
        Opp./Inc.  |   -.030303   .6112226    -0.05   0.960    -1.229104
>   1.168498
        Inc./Opp.  |   .5128205   .7149603     0.72   0.473    -.8894431
>   1.915084
    Double incumbent  |   1.076453   .5433222     1.98   0.048     .0108256
>    2.14208
       No-partisan  |   -.349835   .4670748    -0.75   0.454    -1.265916
>   .5662465
                    |
treat_both#centralstate |
       1#Opp./Inc.  |  -.5045029   .7576556    -0.67   0.506    -1.990505
>   .9814996
       1#Inc./Opp.  |   .1226245   .8953869     0.14   0.891    -1.633513
>   1.878762
  1#Double incumbent  |  -.1097965   .6570633    -0.17   0.867    -1.398506
>   1.178913
     1#No-partisan  |   .7093914   .5645388     1.26   0.209    -.3978478
>   1.816631
                    |
           _cons |   8.666667   .4181786    20.72   0.000     7.846486
>   9.486847
------------------------------------------------------------------------------
----------


.
. // Model 3
. reg     y_add_5 i.treat_both##i.centralstate age women se_gw urb i.ethnicity
> educated
```

```
    Source |       SS       df       MS      Number of obs   =     1,744
-------------+------------------------------   F(17, 1726)    =      7.42
       Model |  1580.00686    17  92.94158   Prob > F        =    0.0000
    Residual |  21627.2632 1,726  12.53028   R-squared       =    0.0681
-------------+------------------------------   Adj R-squared   =    0.0589
       Total |  23207.2701 1,743  13.3145554   Root MSE      =    3.5398

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.6494021   .4938288    -1.32   0.189    -1.617968
>   .3191638
                     |
        centralstate |
         Opp./Inc.  |   .1529791   .6060019     0.25   0.801    -1.035596
>   1.341555
         Inc./Opp.  |   .6922915   .7057683     0.98   0.327    -.6919597
>   2.076543
     Double incumbent  |   .5440121   .5346458     1.02   0.309    -.5046098
>   1.592634
        No-partisan  |  -.4730947   .4578326    -1.03   0.302     -1.37106
>   .4248704
                     |
treat_both#centralstate |
        1#Opp./Inc.  |  -.4428552   .7509829    -0.59   0.555    -1.915788
>   1.030077
        1#Inc./Opp.  |   .0868156   .8827345     0.10   0.922    -1.644526
>   1.818158
   1#Double incumbent  |   .0210724   .6445858     0.03   0.974    -1.243179
>   1.285324
      1#No-partisan  |   .7749173   .5546214     1.40   0.163    -.3128834
>   1.862718
                     |
             age |   .0043571    .008067     0.54   0.589     -.011465
>   .0201793
           women |   .0313262   .1747383     0.18   0.858    -.3113949
>   .3740472
           se_gw |   .0092298   .0192371     0.48   0.631    -.0285006
>   .0469603
             urb |   .2206259    .183595     1.20   0.230    -.1394662
>    .580718
                     |
          ethnicity |
            Hausa  |   1.637983   .2268751     7.22   0.000     1.193004
```

```
>   2.082962
           Igbo  |  -.1279094   .2623505    -0.49   0.626    -.6424678
>    .386649
         Yoruba  |   .5689618   .2461904     2.31   0.021     .0860988
>   1.051825
                 |
        educated |   -.610161   .1864368    -3.27   0.001    -.9758268
>  -.2444953
           _cons |   8.159577   .5445349    14.98   0.000     7.091559
>   9.227595
------------------------------------------------------------------------------
----------


.
. *-------------------------------------------------------------------------
> ---
. *** Table A11: Average and conditional average treatment effects by threat (O
> LS) ***
.
. // Model 1-3: Incumbent-party threat
. reg     y_add_5 i.treat_inc

    Source |       SS         df       MS      Number of obs   =     1,194
-------------+------------------------------   F(1, 1192)      =      0.91
     Model |  12.0152607         1  12.0152607   Prob > F        =    0.3398
  Residual |  15707.4462     1,192  13.1773878   R-squared       =    0.0008
-------------+------------------------------   Adj R-squared   =   -0.0001
     Total |  15719.4615     1,193  13.1764136   Root MSE        =    3.6301

------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
 1.treat_inc |  -.2006296   .2101082    -0.95   0.340    -.6128528    .2115936
     _cons |   8.712375   .1484445    58.69   0.000     8.421133    9.003616
------------------------------------------------------------------------------


.
. reg     y_add_5 i.treat_inc##i.inc_partisan i.treat_inc##i.no_partisan

    Source |       SS         df       MS      Number of obs   =     1,175
-------------+------------------------------   F(5, 1169)      =      3.87
     Model |  251.178972         5  50.2357943   Prob > F        =    0.0018
  Residual |  15179.4134     1,169  12.9849558   R-squared       =    0.0163
-------------+------------------------------   Adj R-squared   =    0.0121
     Total |  15430.5923     1,174  13.1436051   Root MSE        =    3.6035

------------------------------------------------------------------------------
```

```
---------
          y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
> interval]
----------------------+----------------------------------------------------------
---------
       1.treat_inc |  -.7333646   .4330929    -1.69   0.091    -1.583091
>  .1163617
     1.inc_partisan |   .9421123   .4240614     2.22   0.026     .1101058
>  1.774119
                    |
treat_inc#inc_partisan |
           1 1  |    .061847   .6050699     0.10   0.919    -1.125297
>  1.248991
                    |
      1.no_partisan |  -.3356506   .3673507    -0.91   0.361    -1.056391
>  .3850898
                    |
 treat_inc#no_partisan |
           1 1  |   .9329803   .5226259     1.79   0.074    -.0924093
>   1.95837
                    |
           _cons |   8.652482   .3034664    28.51   0.000     8.057083
>  9.247882
------------------------------------------------------------------------------
---------


.
. reg     y_add_5 i.treat_inc##i.inc_partisan i.treat_inc##i.no_partisan age wo
> men se_gw urb i.ethnicity educated

    Source |       SS         df       MS      Number of obs   =     1,157
-------------+------------------------------   F(13, 1143)    =      7.65
     Model |  1223.29847       13  94.0998823   Prob > F        =    0.0000
  Residual |  14068.4215    1,143  12.3083303   R-squared       =    0.0800
-------------+------------------------------   Adj R-squared   =    0.0695
     Total |   15291.72    1,156  13.2281315   Root MSE        =    3.5083

------------------------------------------------------------------------------
---------
          y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
> interval]
----------------------+----------------------------------------------------------
---------
       1.treat_inc |  -.7986804   .4285623    -1.86   0.063    -1.639538
>  .0421767
     1.inc_partisan |   .4995487   .4203374     1.19   0.235    -.3251707
>  1.324268
```

```
                |
treat_inc#inc_partisan |
           1 1  |   .187033   .5964046     0.31   0.754    -.9831377
>  1.357204
                |
      1.no_partisan |  -.5864974   .3628252    -1.62   0.106    -1.298376
>  .1253807
                |
 treat_inc#no_partisan |
           1 1  |   .9538271   .5169128     1.85   0.065    -.0603773
>  1.968032
                |
            age |  -.0056341   .0095928    -0.59   0.557    -.0244557
>  .0131874
          women |  -.0241379   .2120039    -0.11   0.909    -.4400983
>  .3918225
          se_gw |   .0106897   .0232735     0.46   0.646    -.0349738
>  .0563533
            urb |   .1260948   .2237554     0.56   0.573    -.3129226
>  .5651123
                |
         ethnicity |
          Hausa  |    1.88377   .2749337     6.85   0.000     1.344338
>  2.423201
           Igbo  |   .1254083   .3199514     0.39   0.695    -.5023496
>  .7531662
          Yoruba  |   .5684209   .3007742     1.89   0.059    -.0217107
>  1.158552
                |
         educated |  -.6547752   .2265867    -2.89   0.004    -1.099348
> -.2102027
            _cons |   8.564668   .5362615    15.97   0.000     7.512501
>  9.616836
------------------------------------------------------------------------------
---------


.
.
. // Model 4-6: Opposition-party threat
. reg     y_add_5 i.treat_opp

    Source |       SS         df       MS      Number of obs   =     1,197
-------------+------------------------------   F(1, 1195)      =      2.10
     Model |  28.4558914         1  28.4558914   Prob > F        =    0.1476
   Residual |  16194.7588     1,195  13.5520994   R-squared       =    0.0018
-------------+------------------------------   Adj R-squared   =    0.0009
     Total |  16223.2147     1,196  13.5645608   Root MSE        =    3.6813
```

```
------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
1.treat_opp |  -.3083679   .2128072    -1.45   0.148    -.7258853    .1091495
     _cons |   8.712375   .1505403    57.87   0.000     8.417022    9.007727
------------------------------------------------------------------------------


. reg     y_add_5 i.treat_opp##i.inc_partisan i.treat_opp##i.no_partisan

    Source |       SS         df       MS      Number of obs   =     1,182
-------------+------------------------------   F(5, 1176)      =      4.39
     Model |  293.302418         5  58.6604837   Prob > F        =    0.0006
  Residual |  15704.5089     1,176  13.3541743   R-squared       =    0.0183
-------------+------------------------------   Adj R-squared   =    0.0142
     Total |  15997.8113     1,181  13.5459876   Root MSE        =    3.6543

------------------------------------------------------------------------------
---------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
> interval]
-----------------------+------------------------------------------------------
---------
       1.treat_opp |  -.8119026   .4375841    -1.86   0.064    -1.670435
>  .0466301
      1.inc_partisan |   .9421123   .4300481     2.19   0.029     .0983652
>  1.785859
                     |
treat_opp#inc_partisan |
           1 1  |    .264927   .6103732     0.43   0.664    -.932615
>  1.462469
                     |
      1.no_partisan |  -.3356506   .3725368    -0.90   0.368    -1.066561
>  .3952603
                     |
 treat_opp#no_partisan |
           1 1  |   .8786774   .5285236     1.66   0.097    -.158277
>  1.915632
                     |
             _cons |   8.652482   .3077506    28.12   0.000     8.048681
>  9.256284
------------------------------------------------------------------------------
---------


. reg     y_add_5 i.treat_opp##i.inc_partisan i.treat_opp##i.no_partisan age wo
```

```
> men se_gw urb i.ethnicity educated

      Source |       SS       df       MS      Number of obs   =     1,172
-------------+------------------------------   F(13, 1158)    =      6.94
       Model |  1147.09096        13  88.2377662   Prob > F      =    0.0000
    Residual |  14723.1505     1,158  12.7142923   R-squared     =    0.0723
-------------+------------------------------   Adj R-squared   =    0.0619
       Total |  15870.2415     1,171  13.5527254   Root MSE      =    3.5657

------------------------------------------------------------------------------
---------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
> interval]
-----------------------+------------------------------------------------------
---------
         1.treat_opp |  -.8834733   .4304184    -2.05   0.040    -1.727961
>  -.038986
       1.inc_partisan |   .5029386   .4271771     1.18   0.239    -.3351891
>  1.341066
                      |
treat_opp#inc_partisan |
             1 1  |   .2509573   .5994574     0.42   0.676    -.9251869
>  1.427101
                      |
        1.no_partisan |  -.5203678   .3687869    -1.41   0.159    -1.243933
>  .2031975
                      |
 treat_opp#no_partisan |
             1 1  |   .9735762   .5206506     1.87   0.062    -.0479479
>    1.9951
                      |
              age |   .0108741   .0097743     1.11   0.266    -.0083032
>  .0300514
            women |    -.04865   .2155327    -0.23   0.821    -.4715284
>  .3742284
            se_gw |   .0034769   .0236154     0.15   0.883    -.0428568
>  .0498107
              urb |   .4102186   .2247657     1.83   0.068    -.0307751
>  .8512123
                      |
          ethnicity |
            Hausa |    1.49503   .2766347     5.40   0.000     .9522687
>  2.037791
             Igbo |  -.2347223   .3195636    -0.73   0.463    -.8617108
>  .3922662
           Yoruba |   .7263148   .3003134     2.42   0.016     .1370954
>  1.315534
```

```
                |
        educated |  -.7145739   .2297882    -3.11   0.002    -1.165422
>  -.263726
           _cons |   8.037049   .5477442    14.67   0.000     6.962367
>  9.111731
------------------------------------------------------------------------------
---------

.
.
. // Model 7-9: Boko Haram threat
. reg     y_add_5 i.treat_bh

    Source |       SS         df       MS      Number of obs   =     1,196
-------------+------------------------------   F(1, 1194)      =      0.01
     Model |  .163879599         1  .163879599   Prob > F        =    0.9115
   Residual |  15824.7826     1,194  13.2535868   R-squared       =    0.0000
-------------+------------------------------   Adj R-squared   =   -0.0008
     Total |  15824.9465     1,195   13.242633   Root MSE        =    3.6405

------------------------------------------------------------------------------
   y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
 1.treat_bh |   .0234114   .2105383     0.11   0.911    -.3896548    .4364776
     _cons |   8.712375   .1488731    58.52   0.000     8.420293    9.004457
------------------------------------------------------------------------------

.
. reg     y_add_5 i.treat_bh##i.inc_partisan i.treat_bh##i.no_partisan

    Source |       SS         df       MS      Number of obs   =     1,184
-------------+------------------------------   F(5, 1178)      =      5.49
     Model |  353.558595         5  70.7117189   Prob > F        =    0.0001
   Residual |  15168.3798     1,178  12.8763835   R-squared       =    0.0228
-------------+------------------------------   Adj R-squared   =    0.0186
     Total |  15521.9383     1,183   13.120827   Root MSE        =    3.5884

------------------------------------------------------------------------------
--------
          y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. i
> nterval]
----------------------+-------------------------------------------------------
--------
       1.treat_bh |  -.5024823   .4281309    -1.17   0.241    -1.342466
> .3375019
    1.inc_partisan |   .9421123   .4222848     2.23   0.026     .113598
> 1.770627
```

```
                |
treat_bh#inc_partisan |
          1 1  |   .7044978   .6159712     1.14   0.253    -.5040252
> 1.913021
                |
      1.no_partisan |  -.3356506   .3658117    -0.92   0.359    -1.053366
> .3820645
                |
 treat_bh#no_partisan |
          1 1  |   .7485248   .5141443     1.46   0.146     -.260216
> 1.757266
                |
           _cons |   8.652482   .3021951    28.63   0.000     8.059582
> 9.245383
------------------------------------------------------------------------------
--------


.
. reg     y_add_5 i.treat_bh##i.inc_partisan i.treat_bh##i.no_partisan age wome
> n se_gw urb i.ethnicity educated

    Source |       SS         df       MS      Number of obs   =     1,168
-------------+------------------------------   F(13, 1154)     =      7.07
     Model |  1128.40689        13  86.8005301   Prob > F        =    0.0000
  Residual |  14174.7155     1,154  12.2831157   R-squared       =    0.0737
-------------+------------------------------   Adj R-squared   =    0.0633
     Total |  15303.1224     1,167  13.1132155   Root MSE        =    3.5047

------------------------------------------------------------------------------
--------
          y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. i
> nterval]
----------------------+-------------------------------------------------------
--------
        1.treat_bh |   -.505933   .4234566    -1.19   0.232    -1.336764
> .3248981
     1.inc_partisan |   .5694849   .4198431     1.36   0.175    -.2542564
> 1.393226
                |
treat_bh#inc_partisan |
          1 1  |   .6388939   .6071263     1.05   0.293    -.5523011
> 1.830089
                |
      1.no_partisan |  -.5631716    .362382    -1.55   0.120    -1.274173
> .1478298
                |
 treat_bh#no_partisan |
```

```
          1 1  |    .769101   .5086652     1.51   0.131    -.2289112
> 1.767113
               |
           age |  -.0002009   .0093601    -0.02   0.983    -.0185656
> .0181637
         women |  -.0739255   .2116476    -0.35   0.727    -.4891827
> .3413316
         se_gw |   .0188549   .0228443     0.83   0.409    -.0259661
> .0636759
           urb |   .1116077   .2219659     0.50   0.615    -.3238942
> .5471095
               |
        ethnicity |
         Hausa  |   1.547462   .2736616     5.65   0.000     1.010532
> 2.084392
          Igbo  |   .3248806    .313824     1.04   0.301    -.2908488
> .9406101
         Yoruba  |   .8515238   .2984555     2.85   0.004     .2659476
>   1.4371
               |
        educated |  -.8370463   .2240651    -3.74   0.000    -1.276667   -
> .3974258
           _cons |   8.399538   .5261413    15.96   0.000     7.367238
> 9.431839
------------------------------------------------------------------------------
--------


. 
. *-----------------------------------------------------------------------------
> ---
. *** Table A12: Security concerns across incumbent-opposition divide ***
. 
. // Item 1 (pre-treatment): How often does competition between political parti
> es lead to violent conflict?
. ttest sec_pretreat if no_partisan==0, by(opp_partisan)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
       0 |     545    .6036697    .0209715    .4895839    .5624747    .6448647
       1 |     536    .7276119    .0192472    .4456044    .6898026    .7654212
---------+--------------------------------------------------------------------
Combined |   1,081    .6651249    .0143609    .4721652    .6369465    .6933033
---------+--------------------------------------------------------------------
    diff |         -.1239422    .0284873               -.1798389   -.0680455
------------------------------------------------------------------------------
```

```
   diff = mean(0) - mean(1)                          t =  -4.3508
H0: diff = 0                     Degrees of freedom =     1079

   Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

.
. // Item 2a (post-treatment, only use control group): Violence among people in
>  community or village
. ttest   sec_1 if no_partisan==0 & treat_both==0, by(opp_partisan)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs       Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
       0 |     150         .44    .0406656    .4980499    .3596442    .5203558
       1 |     141    .4680851    .0421715    .5007593    .3847097    .5514605
---------+--------------------------------------------------------------------
Combined |     291    .4536082    .0292344    .4987008    .3960698    .5111467
---------+--------------------------------------------------------------------
    diff |         -.0280851    .0585745           -.1433719    .0872016
------------------------------------------------------------------------------
   diff = mean(0) - mean(1)                          t =  -0.4795
H0: diff = 0                     Degrees of freedom =      289

   Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.3160         Pr(|T| > |t|) = 0.6320          Pr(T > t) = 0.6840

.
. // Item 2b (post-treatment, only use control group): Violence occurring durin
> g public protest/march
. ttest   sec_3 if no_partisan==0 & treat_both==0, by(opp_partisan)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs       Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
       0 |     150         .46    .0408303    .5000671    .3793188    .5406812
       1 |     139    .5251799    .0425088    .5011716     .441127    .6092327
---------+--------------------------------------------------------------------
Combined |     289    .4913495    .0294584    .5007923    .4333685    .5493305
---------+--------------------------------------------------------------------
    diff |         -.0651799    .0589366           -.1811827     .050823
------------------------------------------------------------------------------
   diff = mean(0) - mean(1)                          t =  -1.1059
H0: diff = 0                     Degrees of freedom =      287
```

```
   Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.1348         Pr(|T| > |t|) = 0.2697          Pr(T > t) = 0.8652

.
. // Item 2c (post-treatment, only use control group): Violence by political/re
> ligious extremist
. ttest   sec_4 if no_partisan==0 & treat_both==0, by(opp_partisan)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs       Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
       0 |     149    .4697987    .0410247    .5007703    .3887288    .5508685
       1 |     138    .4637681    .0426056    .5005022    .3795185    .5480177
---------+--------------------------------------------------------------------
Combined |     287     .466899    .0295008    .4997746    .4088328    .5249651
---------+--------------------------------------------------------------------
    diff |           .0060305    .0591473             -.1103905    .1224516
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                  t =   0.1020
H0: diff = 0                     Degrees of freedom =      285

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.5406         Pr(|T| > |t|) = 0.9189          Pr(T > t) = 0.4594

.
. *-----------------------------------------------------------------------------
> ---
. *** Table A13: Average and conditional average treatment effects (OLS) with g
> eopolitical zone FE ***
.
. // Model 1
. reg     y_add_5 i.treat_both i.zone

      Source |       SS         df       MS      Number of obs   =     1,793
-------------+----------------------------------   F(6, 1786)     =     18.97
       Model |  1427.42249         6  237.903749   Prob > F        =    0.0000
    Residual |  22403.5636     1,786  12.5439886   R-squared       =    0.0599
-------------+----------------------------------   Adj R-squared   =    0.0567
       Total |  23830.9861     1,792  13.2985413   Root MSE        =    3.5417

------------------------------------------------------------------------------
-
      y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf. interval
> ]
--------------+---------------------------------------------------------------
-
```

```
 1.treat_both |  -.2584313   .1774094    -1.46   0.145    -.6063832    .089520
> 5
          |
       zone |
 SOUTH SOUTH  |  -1.446906    .274708    -5.27   0.000    -1.985689   -.908122
> 9
  SOUTH EAST  |  -.5964633    .291009    -2.05   0.041    -1.167217   -.025709
> 3
  NORTH WEST  |   1.242901   .2503068     4.97   0.000     .7519763    1.73382
> 6
  NORTH EAST  |   .6457442   .2945751     2.19   0.028     .0679959    1.22349
> 2
NORTH CENTRAL  |   .0602178   .2898683     0.21   0.835    -.5082989    .628734
> 6
          |
      _cons |   8.653736   .2140475    40.43   0.000     8.233926    9.07354
> 6
------------------------------------------------------------------------------
-


.
. //Model 2
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan i.zo
> ne

    Source |       SS         df       MS      Number of obs   =     1,765
-------------+------------------------------   F(10, 1754)    =     12.86
     Model |  1599.16817       10  159.916817   Prob > F       =    0.0000
  Residual |  21815.4233    1,754  12.4375276   R-squared      =    0.0683
-------------+------------------------------   Adj R-squared   =    0.0630
     Total |  23414.5915    1,764  13.2735779   Root MSE       =    3.5267

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
       1.treat_both |  -.8059759   .3658027    -2.20   0.028    -1.523431
>  -.0885206
      1.inc_partisan |   .5868896   .4173501     1.41   0.160    -.2316664
>   1.405446
                |
treat_both#inc_partisan |
           1 1  |   .1747466   .5115645     0.34   0.733    -.8285938
>   1.178087
                |
```

```
      1.no_partisan |   -.386251   .3600292    -1.07   0.283    -1.092382
>   .3198804
                    |
 treat_both#no_partisan |
           1 1  |   .9404121    .441853     2.13   0.033     .0737981
>   1.807026
                    |
                zone |
       SOUTH SOUTH  |  -1.375655   .2769226    -4.97   0.000    -1.918788
>  -.8325219
        SOUTH EAST  |  -.5355905   .2995821    -1.79   0.074    -1.123166
>   .0519852
        NORTH WEST  |   1.201936   .2501483     4.80   0.000     .7113152
>   1.692556
        NORTH EAST  |    .659545   .2949881     2.24   0.025     .0809796
>    1.23811
      NORTH CENTRAL  |   .0317057    .291151     0.11   0.913    -.5393338
>   .6027453
                    |
              _cons |   8.698955   .3394604    25.63   0.000     8.033166
>   9.364745
------------------------------------------------------------------------------
----------


.
. // Model 3
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women educated se_gw urb i.ethnicity i.zone

    Source |       SS         df       MS      Number of obs   =     1,744
-------------+------------------------------   F(18, 1725)     =      8.38
     Model |  1866.20156       18  103.677865   Prob > F        =    0.0000
  Residual |  21341.0685    1,725  12.3716339   R-squared       =    0.0804
-------------+------------------------------   Adj R-squared   =    0.0708
     Total |  23207.2701    1,743  13.3145554   Root MSE        =    3.5173

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
       1.treat_both |  -.8049391   .3687631    -2.18   0.029    -1.528209
>  -.0816692
      1.inc_partisan |   .4904369    .419706     1.17   0.243    -.3327493
>   1.313623
                    |
```

```
treat_both#inc_partisan |
           1 1  |   .1547716   .514325     0.30   0.764    -.8539947
>   1.163538
                |
      1.no_partisan |  -.4757889   .3635521    -1.31   0.191    -1.188838
>   .2372603
                |
 treat_both#no_partisan |
           1 1  |    .937844   .4460618     2.10   0.036     .0629652
>   1.812723
                |
            age |   .0049261    .008005     0.62   0.538    -.0107745
>   .0206267
          women |    .029989    .17372     0.17   0.863    -.3107351
>   .3707131
        educated |  -.4914012   .1879471    -2.61   0.009    -.8600294
>  -.1227729
          se_gw |    .009141   .0191791     0.48   0.634    -.0284758
>   .0467578
            urb |   .1839707   .1847203     1.00   0.319    -.1783287
>   .5462702
                |
        ethnicity |
          Hausa  |   1.083897   .3233344     3.35   0.001     .4497281
>   1.718066
           Igbo  |  -.4338555   .4540551    -0.96   0.339    -1.324412
>    .456701
          Yoruba  |   .3206531   .4058479     0.79   0.430    -.4753527
>   1.116659
                |
            zone |
       SOUTH SOUTH  |  -1.017756   .4335523    -2.35   0.019     -1.8681
>  -.1674125
        SOUTH EAST  |   .1903101   .5390351     0.35   0.724    -.8669212
>   1.247541
        NORTH WEST  |   .3511206   .4984553     0.70   0.481    -.6265197
>   1.328761
        NORTH EAST  |   .4387955    .468412     0.94   0.349    -.4799198
>   1.357511
      NORTH CENTRAL  |   .1076814   .4196392     0.26   0.798    -.7153738
>   .9307366
                |
           _cons |   8.398325    .599713    14.00   0.000     7.222084
>   9.574566
------------------------------------------------------------------------------
----------
```

```
.
. *------------------------------------------------------------------------------
> ---
. *** Table A14: Average and conditional average treatment effects (OLS), contr
> olling for non-election related violence ***
.
. // Model 1:
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women educated se_gw urb i.ethnicity lga_non_election_vio

      Source |       SS         df       MS      Number of obs   =     1,744
-------------+------------------------------   F(14, 1729)     =      9.35
       Model |  1632.61246       14  116.615175   Prob > F        =    0.0000
    Residual |  21574.6576    1,729  12.4781131   R-squared       =    0.0703
-------------+------------------------------   Adj R-squared   =    0.0628
       Total |  23207.2701    1,743  13.3145554   Root MSE        =    3.5324

------------------------------------------------------------------------------
-----------
             y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-------------------------+----------------------------------------------------
-----------
          1.treat_both |  -.8190441   .3699903    -2.21   0.027     -1.54472
>  -.0933684
        1.inc_partisan |   .5553344   .4218639     1.32   0.188    -.2720828
>   1.382752
                       |
treat_both#inc_partisan |
              1 1  |   .1821632   .5156432     0.35   0.724    -.8291868
>   1.193513
                       |
         1.no_partisan |  -.5602044   .3645582    -1.54   0.125    -1.275226
>   .1548171
                       |
 treat_both#no_partisan |
              1 1  |   .9559691   .4473201     2.14   0.033     .0786236
>   1.833315
                       |
               age |   .0043956   .0080178     0.55   0.584    -.0113301
>   .0201212
             women |    .03773   .1742522     0.22   0.829    -.3040373
>   .3794973
           educated |  -.610478   .1854561    -3.29   0.001    -.9742199
>  -.2467362
             se_gw |   .0144779   .0193479     0.75   0.454    -.0234698
>   .0524256
```

```
            urb |   .1587749   .1851894     0.86   0.391    -.2044439
>   .5219936
                |
         ethnicity |
          Hausa |   1.570098    .226149     6.94   0.000     1.126543
>   2.013652
           Igbo |  -.2110654   .2636817    -0.80   0.424    -.7282341
>   .3061034
          Yoruba |   .4561167   .2492147     1.83   0.067    -.0326773
>   .9449107
                |
  lga_non_election_vio |   -.034571   .0155706    -2.22   0.027    -.0651101
>  -.0040318
            _cons |   8.359841   .4836433    17.29   0.000     7.411254
>   9.308429
------------------------------------------------------------------------------
----------


.
. // Model 2:
. reg     y_add_5 i.treat_both##i.inc_partisan i.treat_both##i.no_partisan age
> women educated se_gw urb i.ethnicity state_non_election_vio

    Source |       SS         df       MS      Number of obs   =     1,744
-------------+------------------------------   F(14, 1729)     =      9.72
     Model |   1693.7719       14  120.983707   Prob > F        =    0.0000
   Residual |  21513.4982     1,729  12.4427404   R-squared      =    0.0730
-------------+------------------------------   Adj R-squared   =    0.0655
     Total |  23207.2701     1,743  13.3145554   Root MSE       =    3.5274

------------------------------------------------------------------------------
----------
           y_add_5 | Coefficient  Std. err.      t    P>|t|     [95% conf.
>  interval]
-----------------------+------------------------------------------------------
----------
        1.treat_both |  -.8084515   .3694962    -2.19   0.029    -1.533158
>   -.083745
       1.inc_partisan |   .6148736   .4220804     1.46   0.145    -.2129684
>   1.442716
                |
treat_both#inc_partisan |
            1 1 |   .1767536   .5148685     0.34   0.731     -.833077
>   1.186584
                |
       1.no_partisan |  -.5703933    .36406    -1.57   0.117    -1.284438
>    .143651
```

```
                |
 treat_both#no_partisan |
           1 1  |   .9474377   .4466948     2.12   0.034     .0713187
>   1.823557
                |
            age |   .0050091   .0080083     0.63   0.532    -.0106977
>    .020716
          women |   .0393546   .1740013     0.23   0.821    -.3019206
>   .3806299
        educated |  -.6363712   .1854532    -3.43   0.001    -1.000107
>   -.272635
          se_gw |   .0185122   .0194012     0.95   0.340    -.0195401
>   .0565646
            urb |   .1894544   .1829249     1.04   0.300    -.169323
>   .5482318
                |
         ethnicity |
          Hausa  |   1.492242   .2284653     6.53   0.000     1.044144
>   1.940339
           Igbo  |  -.2851763   .2654187    -1.07   0.283    -.8057518
>   .2353992
          Yoruba  |   .3453411   .2538138     1.36   0.174    -.1524734
>   .8431556
                |
 state_non_election_vio |  -.0045504   .0014492    -3.14   0.002    -.0073927
>   -.001708
           _cons |   8.443589   .4841841    17.44   0.000     7.493941
>   9.393237
------------------------------------------------------------------------------
----------


. 
. *-------------------------------------------------------------------------
> ---
. * Section: "Discussion and external validity"
. *-------------------------------------------------------------------------
> ---
. clear

. use  "ADHF_CPS_validation.dta"

. *use "/Users/annde156/Dropbox/Post-PHD/01 Electoral violence project/Research
> /Nigeria_experiment_HFAD/Survey_data/HFAD_Analysis/CPS replication/ADHF_CPS_v
> alidation.dta"
. 
. *** Table 2: Election violence and non-democratic attitudes: cross-national e
> vidence  ***
```

```
.
. // Model 1
. logit autocrat i.incumbent_partisan##i.violent i.no_partisan##i.violent  male
>  poverty education urban age, cl(ccode)

Iteration 0:   log pseudolikelihood = -45265.995
Iteration 1:   log pseudolikelihood = -44787.354
Iteration 2:   log pseudolikelihood = -44781.344
Iteration 3:   log pseudolikelihood = -44781.296
Iteration 4:   log pseudolikelihood = -44781.296

Logistic regression                             Number of obs = 68,279
                                                Wald chi2(10) = 123.28
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -44781.296               Pseudo R2     = 0.0107

                                    (Std. err. adjusted for 28 clust
> ers in ccode)
------------------------------------------------------------------------------
-------------
                    |               Robust
             autocrat | Coefficient  std. err.      z    P>|z|     [95% co
> n
>  f. interval]
-------------------------+----------------------------------------------------
-------------
    1.incumbent_partisan |   .2679294   .0976534     2.74   0.006     .076532
> 2
>     .4593266
          1.violent |  -.3621203   .1652116    -2.19   0.028    -.68592
> 9
>    -.0383115
                    |
incumbent_partisan#violent |
              1 1  |   .1226302   .1521125     0.81   0.420    -.175504
> 7
>     .4207652
                    |
        1.no_partisan |   .0491512   .0950718     0.52   0.605    -.137186
> 2
>     .2354885
                    |
     no_partisan#violent |
              1 1  |   .2125505   .1289435     1.65   0.099    -.040174
> 2
>     .4652752
                    |
```

```
              male |  -.1415939   .0254934    -5.55   0.000    -.191560
> 1
>    -.0916278
            poverty |   .0829959   .0356674     2.33   0.020     .013089
> 1
>     .1529027
          education |  -.0264049   .0156312    -1.69   0.091    -.057041
> 4
>     .0042316
              urban |  -.1531603    .050348    -3.04   0.002    -.251840
> 6
>      -.05448
               age |  -.0046565   .0014341    -3.25   0.001    -.007467
> 4
>    -.0018457
              _cons |  -.2264952   .0984709    -2.30   0.021    -.419494
> 6
>    -.0334958
------------------------------------------------------------------------------
-------------

.
. // Model 2
. logit autocrat i.incumbent_partisan##i.violent i.no_partisan##i.violent male
> poverty education urban age if democracy==0, cl(ccode)

Iteration 0:   log pseudolikelihood = -22833.238
Iteration 1:   log pseudolikelihood = -22516.923
Iteration 2:   log pseudolikelihood = -22512.639
Iteration 3:   log pseudolikelihood = -22512.576
Iteration 4:   log pseudolikelihood = -22512.576

Logistic regression                             Number of obs = 33,669
                                  Wald chi2(10) =  69.35
                                  Prob > chi2   = 0.0000
Log pseudolikelihood = -22512.576                 Pseudo R2     = 0.0140

                                (Std. err. adjusted for 17 clust
> ers in ccode)
------------------------------------------------------------------------------
-------------
                    |               Robust
             autocrat | Coefficient  std. err.      z    P>|z|     [95% co
> n
>  f. interval]
-------------------------+----------------------------------------------------
-------------
```

```
    1.incumbent_partisan |   .3894779   .1756214     2.22   0.027     .045266
> 3
>     .7336896
          1.violent |  -.3838168   .2916501    -1.32   0.188    -.955440
> 5
>     .1878069
                    |
incumbent_partisan#violent |
              1 1  |   .0708623    .245028     0.29   0.772    -.409383
> 7
>     .5511082
                    |
        1.no_partisan |   .2058978   .1380275     1.49   0.136    -.064631
> 2
>     .4764267
                    |
     no_partisan#violent |
              1 1  |   .0478475   .1994618     0.24   0.810    -.343090
> 5
>     .4387854
                    |
              male |  -.1588775   .0384689    -4.13   0.000    -.234275
> 2
>    -.0834798
            poverty |   .0039972   .0366271     0.11   0.913    -.067790
> 6
>     .075785
          education |  -.0309899   .0337539    -0.92   0.359    -.097146
> 3
>     .0351666
              urban |  -.1708634   .0729839    -2.34   0.019    -.313909
> 1
>    -.0278177
               age |  -.0035851   .0019852    -1.81   0.071    -.007476
> 1
>     .0003059
              _cons |  -.0504566   .1808557    -0.28   0.780    -.404927
> 2
>     .3040141
------------------------------------------------------------------------------
-------------


.
. // Model 3
. logit autocrat i.incumbent_partisan##i.violent i.no_partisan##i.violent male
> poverty education urban age if democracy==1, cl(ccode)
```

```
Iteration 0:   log pseudolikelihood = -22250.363
Iteration 1:   log pseudolikelihood = -22043.651
Iteration 2:   log pseudolikelihood =  -22039.57
Iteration 3:   log pseudolikelihood = -22039.522
Iteration 4:   log pseudolikelihood = -22039.522

Logistic regression                             Number of obs = 34,610
                                                Wald chi2(10) = 224.53
                                                Prob > chi2   = 0.0000
Log pseudolikelihood = -22039.522               Pseudo R2     = 0.0095

                                  (Std. err. adjusted for 16 clust
> ers in ccode)
------------------------------------------------------------------------------
-------------
                    |               Robust
             autocrat | Coefficient  std. err.      z    P>|z|     [95% co
> n
>  f. interval]
-------------------------+----------------------------------------------------
-------------
    1.incumbent_partisan |   .0867394   .0713863     1.22   0.224    -.053175
> 3
>      .226654
          1.violent |  -.3504111   .1538743    -2.28   0.023    -.651999
> 2
>     -.048823
                    |
incumbent_partisan#violent |
              1 1  |   .1376684   .1636691     0.84   0.400    -.183117
> 1
>     .4584539
                    |
        1.no_partisan |  -.0872988   .1051525    -0.83   0.406     -.29339
> 4
>     .1187963
                    |
     no_partisan#violent |
              1 1  |   .3481723   .1368039     2.55   0.011     .080041
> 7
>      .616303
                    |
              male |  -.1152307    .027679    -4.16   0.000    -.169480
> 7
>    -.0609808
             poverty |   .1285127   .0453054     2.84   0.005     .039715
> 7
```

```
>     .2173096
           education |  -.0298837   .0116911    -2.56   0.011    -.052797
> 8
>    -.0069696
              urban |  -.1019939   .0532105    -1.92   0.055    -.206284
> 6
>     .0022968
                age |  -.0053309   .0016439    -3.24   0.001    -.008552
> 8
>    -.0021089
              _cons |  -.3352257   .0985172    -3.40   0.001    -.528315
> 9
>    -.1421355
------------------------------------------------------------------------------
-------------


.
. *---------
. log close
      name:  <unnamed>
       log:   ADHF_CPS_replication_logfile.smcl
  log type:  smcl
 closed on:  14 Apr 2023, 09:46:09
------------------------------------------------------------------------------
```