```
------------------------------------------------------------------------------------------------
      name:  <unnamed>
       log:  V:\docs\WOD\caldeira_lempert_psrm_replication\jlev_log.smcl
  log type:  smcl
 opened on:   5 Aug 2021, 23:08:16

. do "C:\Users\DL\AppData\Local\Temp\STD264c_000000.tmp"

. *set path to where .dta file is and where you want graphs stored.
. *install sdcasepick, vcemway
. local path V:\docs\WOD

. use "`path'\jlev_data_compact.dta",clear

.
.
. forvalues i=1/27{
  2. cap drop __gr`i'
  3. gen __gr`i'=.
  4. replace __gr`i'=1 if jid==`i'
  5. replace __gr`i'=0 if jid !=`i' & jid !=.
  6. logit jbincert __gr`i'##(__usptr __acc __alc  __diss __ir __incompdec __civlib __hasac) ///
> if (aot==39 & u_ifp ==0 & u_ca==1) | (jid >=10 & jid !=.)  ,nolog cluster(__dncat)
  7. estimates store m1_j`i'
  8. cap drop __prm1_j`i'
  9. predict __prm1_j`i'
 10. levelsof __jn if jid==`i'
 11. }
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1357.78
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8208.6919                       Pseudo R2     =  0.2489

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
             |               Robust
     jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
      1.__gr1 |   .7935729    .151921     5.22   0.000     .4958131    1.091333
    1.__usptr |    2.16559   .1654817    13.09   0.000     1.841252    2.489928
      1.__acc |   2.148266   .1240914    17.31   0.000     1.905052    2.391481
      1.__alc |  -.1319234   .1000341    -1.32   0.187    -.3279866    .0641399
     1.__diss |   .5297301   .1220854     4.34   0.000     .2904472    .7690131
       1.__ir |   .5605891   .1006432     5.57   0.000     .3633321    .7578461
1.__incompdec |   .9596319    .088723    10.82   0.000      .785738    1.133526
   1.__civlib |   -.204758   .0925567    -2.21   0.027    -.3861659   -.0233501
    1.__hasac |   1.184466   .1463843     8.09   0.000      .897558    1.471374
              |
__gr1#__usptr |
          1 1 |  -.4254967   .4239272    -1.00   0.316    -1.256379    .4053854
              |
  __gr1#__acc |
          1 1 |   .7118345   .3604893     1.97   0.048     .0052885    1.418381
              |
  __gr1#__alc |
          1 1 |   .1845936   .2228716     0.83   0.408    -.2522267    .6214139
              |
 __gr1#__diss |
          1 1 |    .297351   .2746009     1.08   0.279     -.240857    .8355589
              |
   __gr1#__ir |
          1 1 |   .3328556   .2053782     1.62   0.105    -.0696783    .7353895
              |
```

```
__gr1#__incompdec |
             1 1  |   -.226008   .2180489    -1.04   0.300     -.653376    .2013601
                  |
   __gr1#__civlib |
             1 1  |   .2064181   .4287384     0.48   0.630    -.6338938     1.04673
                  |
    __gr1#__hasac |
             1 1  |   .4286527   .7632881     0.56   0.574    -1.067365     1.92467
                  |
            _cons |  -3.456373   .1102859   -31.34   0.000     -3.67253   -3.240217
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"hug39"'
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1309.20
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8203.0154                       Pseudo R2     =  0.2494

                               (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+-----------------------------------------------------------------
          1.__gr2 |    1.08382   .1387249     7.81   0.000     .8119244    1.355716
        1.__usptr |   2.200347       .167    13.18   0.000     1.873032    2.527661
          1.__acc |    2.17105   .1246861    17.41   0.000     1.926669     2.41543
          1.__alc |  -.1419264   .1005918    -1.41   0.158    -.3390826    .0552298
         1.__diss |   .5388872    .123244     4.37   0.000     .2973334     .780441
           1.__ir |   .5597187   .1013865     5.52   0.000     .3610049    .7584325
    1.__incompdec |   .9801527   .0895091    10.95   0.000      .804718    1.155587
       1.__civlib |  -.2070639   .0931837    -2.22   0.026    -.3897005   -.0244272
        1.__hasac |   1.184782   .1474213     8.04   0.000     .8958413    1.473722
                  |
    __gr2#__usptr |
             1 1  |  -1.030229   .3844802    -2.68   0.007    -1.783796   -.2766617
                  |
      __gr2#__acc |
             1 1  |  -.2140036   .3234207    -0.66   0.508    -.8478965    .4198893
                  |
      __gr2#__alc |
             1 1  |   .4288082   .2120871     2.02   0.043     .0131251    .8444913
                  |
     __gr2#__diss |
             1 1  |   .0454146   .2577958     0.18   0.860    -.4598558    .5506851
                  |
       __gr2#__ir |
             1 1  |   .3138755   .1972196     1.59   0.111    -.0726678    .7004188
                  |
__gr2#__incompdec |
             1 1  |  -.6112052   .2005046    -3.05   0.002    -1.004187   -.2182234
                  |
   __gr2#__civlib |
             1 1  |   .4138818   .3965564     1.04   0.297    -.3633545    1.191118
                  |
    __gr2#__hasac |
             1 1  |   .4056649   .6587595     0.62   0.538      -.88548     1.69681
                  |
            _cons |  -3.471629   .1111641   -31.23   0.000    -3.689506   -3.253751
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"mcr39"'
```

```
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1350.69
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8205.1473                       Pseudo R2     =  0.2492

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                  |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+------------------------------------------------------------------
           1.__gr3 |   .7830331   .1550206     5.05   0.000     .4791982    1.086868
         1.__usptr |   2.134687   .1651737    12.92   0.000     1.810952    2.458421
           1.__acc |   2.151031   .1239287    17.36   0.000     1.908135    2.393927
           1.__alc |   -.129995   .0999696    -1.30   0.193    -.3259318    .0659418
          1.__diss |   .5321805   .1221947     4.36   0.000     .2926833    .7716777
            1.__ir |   .5587838   .1006668     5.55   0.000     .3614804    .7560872
     1.__incompdec |   .9579737   .0886423    10.81   0.000     .7842379    1.131709
        1.__civlib |  -.2050255   .0924987    -2.22   0.027    -.3863197   -.0237313
        1.__hasac |    1.18548   .1461897     8.11   0.000     .8989538    1.472007
                  |
    __gr3#__usptr |
             1 1  |   .5166846   .4460168     1.16   0.247    -.3574922    1.390861
                  |
      __gr3#__acc |
             1 1  |   .6930306   .3674552     1.89   0.059    -.0271683    1.413229
                  |
      __gr3#__alc |
             1 1  |   .1447413    .231137     0.63   0.531    -.3082788    .5977614
                  |
     __gr3#__diss |
             1 1  |   .2154322   .2780923     0.77   0.439    -.3296186     .760483
                  |
       __gr3#__ir |
             1 1  |   .4151926   .2034519     2.04   0.041     .0164341     .813951
                  |
__gr3#__incompdec |
             1 1  |  -.2879799   .2198836    -1.31   0.190    -.7189438     .142984
                  |
   __gr3#__civlib |
             1 1  |   .2925186   .4312138     0.68   0.498    -.5526449    1.137682
                  |
    __gr3#__hasac |
             1 1  |   .4310203   .7452063     0.58   0.563    -1.029557    1.891598
                  |
            _cons |  -3.455932   .1101073   -31.39   0.000    -3.671739   -3.240126
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"sto39"'
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1269.53
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8208.2164                       Pseudo R2     =  0.2490

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                  |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+------------------------------------------------------------------
```

```
          1.__gr4 |   1.098559   .1358111     8.09   0.000     .8323743    1.364744
        1.__usptr |   2.204923   .1681286    13.11   0.000     1.875397    2.534449
          1.__acc |   2.176145   .1249049    17.42   0.000     1.931336    2.420954
          1.__alc |  -.1437216   .1007418    -1.43   0.154    -.3411718    .0537287
         1.__diss |   .5334986   .1229816     4.34   0.000      .292459    .7745381
           1.__ir |   .5654936   .1012947     5.58   0.000     .3669596    .7640276
    1.__incompdec |   .9795445    .089446    10.95   0.000     .8042335    1.154855
       1.__civlib |  -.2092559   .0932189    -2.24   0.025    -.3919616   -.0265502
        1.__hasac |   1.180817   .1472306     8.02   0.000     .8922505    1.469384
                  |
    __gr4#__usptr |
           1 1    |  -1.092058   .3783363    -2.89   0.004    -1.833584   -.3505328
                  |
      __gr4#__acc |
           1 1    |  -.3853537   .3176588    -1.21   0.225    -1.007953     .237246
                  |
      __gr4#__alc |
           1 1    |   .3888152   .2156128     1.80   0.071    -.0337781    .8114085
                  |
     __gr4#__diss |
           1 1    |    .170004   .2551353     0.67   0.505     -.330052    .6700601
                  |
       __gr4#__ir |
           1 1    |   .1625944   .1965662     0.83   0.408    -.2226683    .5478571
                  |
__gr4#__incompdec |
           1 1    |   -.621359   .2048787    -3.03   0.002    -1.022914    -.219804
                  |
   __gr4#__civlib |
           1 1    |   .2443146   .4028778     0.61   0.544    -.5453113    1.033941
                  |
    __gr4#__hasac |
           1 1    |   .4657456   .7896771     0.59   0.555    -1.081993    2.013484
                  |
            _cons |  -3.468269   .1110784   -31.22   0.000    -3.685979   -3.250559
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"rob39"'
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1191.43
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8175.7135                       Pseudo R2     =  0.2519

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
             |               Robust
    jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
          1.__gr5 |   .7968172   .1764244     4.52   0.000     .4510318    1.142603
        1.__usptr |   2.133207   .1667157    12.80   0.000      1.80645    2.459964
          1.__acc |   2.156069   .1243104    17.34   0.000     1.912425    2.399713
          1.__alc |  -.1139993    .101808    -1.12   0.263    -.3135393    .0855407
         1.__diss |   .5400523   .1238074     4.36   0.000     .2973941    .7827104
           1.__ir |   .5495862   .1021645     5.38   0.000     .3493475    .7498249
    1.__incompdec |   .9391543   .0899208    10.44   0.000     .7629127    1.115396
       1.__civlib |  -.1888819   .0933124    -2.02   0.043    -.3717708    -.005993
        1.__hasac |   1.197673   .1464582     8.18   0.000     .9106206    1.484726
                  |
    __gr5#__usptr |
           1 1    |   .5951952   .5158712     1.15   0.249    -.4158937    1.606284
                  |
      __gr5#__acc |
```

```
             1 1  |   .5268255   .4012229     1.31   0.189     -.259557    1.313208
                  |
       __gr5#__alc |
             1 1  |    .047878   .2331877     0.21   0.837    -.4091616    .5049176
                  |
      __gr5#__diss |
             1 1  |  -.0033217   .2975566    -0.01   0.991    -.5865219    .5798784
                  |
        __gr5#__ir |
             1 1  |   .6172013   .2136776     2.89   0.004      .198401    1.036002
                  |
__gr5#__incompdec |
             1 1  |   .4286244    .210942     2.03   0.042     .0151856    .8420631
                  |
    __gr5#__civlib |
             1 1  |  -.3429389   .4111161    -0.83   0.404    -1.148712    .4628338
                  |
     __gr5#__hasac |
             1 1  |   .3027329   .8589362     0.35   0.725    -1.380751    1.986217
                  |
            _cons |  -3.471058   .1125619   -30.84   0.000    -3.691675   -3.250441
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"hlb39"'
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1370.61
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8189.0304                       Pseudo R2     =  0.2507

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                  |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+------------------------------------------------------------
           1.__gr6 |   .9714894   .1422484     6.83   0.000     .6926877    1.250291
         1.__usptr |   2.143597   .1655225    12.95   0.000     1.819178    2.468015
           1.__acc |   2.152771   .1243058    17.32   0.000     1.909136    2.396405
           1.__alc |  -.1330248   .1003532    -1.33   0.185    -.3297134    .0636637
          1.__diss |   .5220956   .1229321     4.25   0.000     .2811532     .763038
            1.__ir |   .5665356   .1009681     5.61   0.000     .3686417    .7644296
     1.__incompdec |   .9669895   .0891467    10.85   0.000     .7922651    1.141714
        1.__civlib |  -.1904049   .0927213    -2.05   0.040    -.3721352   -.0086745
         1.__hasac |   1.193203   .1463636     8.15   0.000     .9063357    1.480071
                   |
     __gr6#__usptr |
             1 1   |   .1989425   .4137409     0.48   0.631    -.6119748     1.00986
                   |
       __gr6#__acc |
             1 1   |   .6695659   .3685384     1.82   0.069    -.0527562    1.391888
                   |
       __gr6#__alc |
             1 1   |   .3590283   .2212801     1.62   0.105    -.0746727    .7927293
                   |
      __gr6#__diss |
             1 1   |   .5551242   .2494799     2.23   0.026     .0661526    1.044096
                   |
        __gr6#__ir |
             1 1   |   .2010314   .1951595     1.03   0.303    -.1814742     .583537
                   |
__gr6#__incompdec |
             1 1   |  -.2828153   .2061787    -1.37   0.170    -.6869181    .1212875
                   |
```

```
   __gr6#__civlib |
             1 1  |  -.3847338   .4989179    -0.77   0.441    -1.362595    .5931274
                  |
    __gr6#__hasac |
             1 1  |    .274383    .772877     0.36   0.723    -1.240428    1.789194
                  |
            _cons |  -3.474282   .1111085   -31.27   0.000    -3.692051   -3.256514
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"ree39"'
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1334.92
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8209.6693                       Pseudo R2     =  0.2488

                               (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+-----------------------------------------------------------------
          1.__gr7 |   .6703977   .1542653     4.35   0.000     .3680433    .9727521
        1.__usptr |   2.139329   .1654675    12.93   0.000     1.815019    2.463639
          1.__acc |   2.152432   .1239223    17.37   0.000     1.909549    2.395315
          1.__alc |  -.1324745   .0999962    -1.32   0.185    -.3284634    .0635144
         1.__diss |   .5301089   .1221577     4.34   0.000     .2906842    .7695336
           1.__ir |   .5609243   .1006037     5.58   0.000     .3637447     .758104
    1.__incompdec |   .9496096   .0884973    10.73   0.000      .776158    1.123061
       1.__civlib |  -.2033818    .092403    -2.20   0.028    -.3844883   -.0222752
        1.__hasac |   1.184227   .1460948     8.11   0.000     .8978864    1.470568
                  |
    __gr7#__usptr |
             1 1  |   .2089434   .4237831     0.49   0.622    -.6216562    1.039543
                  |
      __gr7#__acc |
             1 1  |   .5869836   .3752075     1.56   0.118    -.1484095    1.322377
                  |
      __gr7#__alc |
             1 1  |   .2008552    .229656     0.87   0.382    -.2492624    .6509727
                  |
     __gr7#__diss |
             1 1  |   .2738987   .2665343     1.03   0.304    -.2484988    .7962962
                  |
       __gr7#__ir |
             1 1  |   .3349223   .2053819     1.63   0.103    -.0676189    .7374635
                  |
__gr7#__incompdec |
             1 1  |  -.0099829   .2178845    -0.05   0.963    -.4370288    .4170629
                  |
   __gr7#__civlib |
             1 1  |  -.0524755   .4347906    -0.12   0.904    -.9046493    .7996984
                  |
    __gr7#__hasac |
             1 1  |   .4999095   .8209806     0.61   0.543    -1.109183    2.109002
                  |
            _cons |   -3.44916   .1101294   -31.32   0.000    -3.665009    -3.23331
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"fra39"'
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)
```

```
Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1235.66
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8177.7046                       Pseudo R2     =  0.2518

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
             |               Robust
    jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
      1.__gr8 |   .7470872   .1681404     4.44   0.000      .417538    1.076636
    1.__usptr |   2.121452   .1665348    12.74   0.000      1.79505    2.447855
      1.__acc |    2.14893    .123851    17.35   0.000     1.906187    2.391674
      1.__alc |  -.1112525   .1011409    -1.10   0.271    -.3094851    .0869802
     1.__diss |   .5224191   .1228012     4.25   0.000     .2817332    .7631049
       1.__ir |   .5686802   .1013146     5.61   0.000     .3701071    .7672532
1.__incompdec |   .9334598   .0892212    10.46   0.000     .7585893     1.10833
   1.__civlib |   -.191536   .0927314    -2.07   0.039    -.3732862   -.0097858
    1.__hasac |   1.188867   .1461437     8.13   0.000     .9024307    1.475303
              |
__gr8#__usptr |
          1 1 |   1.173182   .6678038     1.76   0.079    -.1356895    2.482053
              |
  __gr8#__acc |
          1 1 |   .9608361   .4334822     2.22   0.027     .1112266    1.810446
              |
  __gr8#__alc |
          1 1 |  -.1272167   .2490679    -0.51   0.610    -.6153808    .3609474
              |
 __gr8#__diss |
          1 1 |   .5111145   .2706311     1.89   0.059    -.0193126    1.041542
              |
   __gr8#__ir |
          1 1 |   .1665683   .2173326     0.77   0.443    -.2593958    .5925325
              |
__gr8#__incompdec |
          1 1 |   .5129788   .2132501     2.41   0.016     .0950162    .9309414
              |
__gr8#__civlib |
          1 1 |  -.3057113   .4235577    -0.72   0.470    -1.135869    .5244465
              |
 __gr8#__hasac |
          1 1 |   .8532443   .9925525     0.86   0.390    -1.092123    2.798612
              |
        _cons |  -3.465922   .1117049   -31.03   0.000     -3.68486   -3.246985
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"dou39"'
(37,476 missing values generated)
(750 real changes made)
(36,726 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1087.93
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8210.5327                       Pseudo R2     =  0.2487

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
             |               Robust
    jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
      1.__gr9 |   .9093049   .2517552     3.61   0.000     .4158738    1.402736
    1.__usptr |   2.140586   .1669529    12.82   0.000     1.813365    2.467808
      1.__acc |   2.162875   .1250053    17.30   0.000     1.917869    2.407881
```

```
          1.__alc |  -.1409226   .1005641    -1.40   0.161    -.3380247    .0561796
         1.__diss |   .5134175   .1226284     4.19   0.000     .2730702    .7537647
           1.__ir |   .5700116    .101371     5.62   0.000     .3713281    .7686951
  1.__incompdec |   .9494352   .0897926    10.57   0.000     .7734449    1.125425
     1.__civlib |  -.2173273   .0926877    -2.34   0.019    -.3989918   -.0356627
      1.__hasac |   1.177597   .1464483     8.04   0.000     .8905638     1.46463
                |
  __gr9#__usptr |
           1 1  |   .9991952   .8318814     1.20   0.230    -.6312624    2.629653
                |
    __gr9#__acc |
           1 1  |   2.270814   1.066724     2.13   0.033     .1800728    4.361555
                |
    __gr9#__alc |
           1 1  |   .2546571   .3592565     0.71   0.478    -.4494726    .9587868
                |
   __gr9#__diss |
           1 1  |   .7218453   .3581302     2.02   0.044     .0199229    1.423768
                |
     __gr9#__ir |
           1 1  |   .0894311   .3315068     0.27   0.787    -.5603104    .7391725
                |
__gr9#__incompdec |
           1 1  |  -.2947852   .3395139    -0.87   0.385    -.9602202    .3706498
                |
 __gr9#__civlib |
           1 1  |   .0190418    .565793     0.03   0.973    -1.089892    1.127976
                |
  __gr9#__hasac |
           1 1  |   .4562954   .8398842     0.54   0.587    -1.189847    2.102438
                |
          _cons |  -3.430599   .1115485   -30.75   0.000     -3.64923   -3.211968
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"mur39"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1029.86
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8227.0096                       Pseudo R2     =  0.2472

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr10 |  -1.399295   .3768944    -3.71   0.000    -2.137994   -.6605952
         1.__usptr |   2.137889   .1673637    12.77   0.000     1.809862    2.465916
           1.__acc |   2.166669   .1271573    17.04   0.000     1.917445    2.415893
           1.__alc |  -.1774588   .1017735    -1.74   0.081    -.3769311    .0220136
          1.__diss |   .5407724   .1254656     4.31   0.000     .2948644    .7866805
            1.__ir |   .5817402   .1031616     5.64   0.000     .3795472    .7839331
     1.__incompdec |   .9151756   .0914434    10.01   0.000     .7359498    1.094401
        1.__civlib |   -.280563   .0940886    -2.98   0.003    -.4649732   -.0961528
         1.__hasac |   1.155772   .1460054     7.92   0.000     .8696065    1.441937
                   |
    __gr10#__usptr |
            1 1    |   .6861107   .5765746     1.19   0.234    -.4439547    1.816176
                   |
      __gr10#__acc |
            1 1    |   .1198747   .2584041     0.46   0.643    -.3865881    .6263375
                   |
      __gr10#__alc |
```

```
               1 1  |   .6077668   .2423235     2.51   0.012     .1328215    1.082712
                    |
      __gr10#__diss |
               1 1  |   .0036007     .28883     0.01   0.990    -.5624958    .5696971
                    |
        __gr10#__ir |
               1 1  |  -.1049237   .2740487    -0.38   0.702    -.6420494    .4322019
                    |
__gr10#__incompdec |
               1 1  |   .6028625   .3147149     1.92   0.055    -.0139675    1.219692
                    |
    __gr10#__civlib |
               1 1  |   1.021093   .2365592     4.32   0.000     .5574456    1.484741
                    |
     __gr10#__hasac |
               1 1  |   .7360096   .4560337     1.61   0.107    -.1578001    1.629819
                    |
             _cons  |  -3.357427   .1124925   -29.85   0.000    -3.577908   -3.136945
------------------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"war68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs = 32,867
                                                        Wald chi2(17) = 972.51
                                                        Prob > chi2   = 0.0000
Log pseudolikelihood = -8233.1234                       Pseudo R2     = 0.2467

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------------------
                    |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------------
          1.__gr11 |   -.663632   .3337677    -1.99   0.047    -1.317805   -.0094594
         1.__usptr |   2.129423   .1692043    12.58   0.000     1.797789    2.461058
           1.__acc |   2.210727   .1273095    17.36   0.000     1.961205    2.460249
           1.__alc |  -.1813882   .1025516    -1.77   0.077    -.3823857    .0196092
          1.__diss |   .5580487   .1259456     4.43   0.000     .3111998    .8048976
            1.__ir |   .5745603   .1037143     5.54   0.000     .3712839    .7778366
     1.__incompdec |   .9342456   .0916798    10.19   0.000     .7545564    1.113935
        1.__civlib |  -.2588716   .0946734    -2.73   0.006    -.4444281   -.0733151
         1.__hasac |   1.160565   .1473224     7.88   0.000     .8718184    1.449312
                    |
    __gr11#__usptr |
               1 1  |   .6037196   .5199336     1.16   0.246    -.4153316    1.622771
                    |
      __gr11#__acc |
               1 1  |  -.8680598   .2756092    -3.15   0.002    -1.408244   -.3278757
                    |
      __gr11#__alc |
               1 1  |   .8209293   .2543614     3.23   0.001     .3223901    1.319469
                    |
     __gr11#__diss |
               1 1  |  -.5918103   .3123213    -1.89   0.058    -1.203949    .0203282
                    |
       __gr11#__ir |
               1 1  |  -.1608656   .2804008    -0.57   0.566    -.7104411    .3887098
                    |
__gr11#__incompdec |
               1 1  |   .0625353    .315986     0.20   0.843    -.5567859    .6818565
                    |
    __gr11#__civlib |
               1 1  |   .5230623   .2479417     2.11   0.035     .0371056    1.009019
                    |
```

```
    __gr11#__hasac |
             1 1  |   .1706135   .4576785     0.37   0.709    -.7264198    1.067647
                  |
            _cons |  -3.374207    .113216   -29.80   0.000    -3.596106   -3.152307
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"hlb68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1078.76
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8163.1277                       Pseudo R2     =  0.2531

                                 (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                  |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr12 |  -2.079607   .4715935    -4.41   0.000    -3.003914   -1.155301
         1.__usptr |   2.213968   .1728149    12.81   0.000     1.875257    2.552679
           1.__acc |   2.249286   .1280981    17.56   0.000     1.998218    2.500354
           1.__alc |  -.1941129   .1033878    -1.88   0.060    -.3967493    .0085236
          1.__diss |   .5261523   .1272736     4.13   0.000     .2767006    .7756041
            1.__ir |   .6022287   .1041307     5.78   0.000     .3981362    .8063212
     1.__incompdec |   .8978945   .0925948     9.70   0.000      .716412    1.079377
        1.__civlib |   -.315187   .0961969    -3.28   0.001    -.5037294   -.1266446
         1.__hasac |   1.173978    .148563     7.90   0.000     .8828002    1.465157
                   |
    __gr12#__usptr |
             1 1   |  -2.430131   .5843177    -4.16   0.000    -3.575372   -1.284889
                   |
      __gr12#__acc |
             1 1   |  -1.398773   .2633363    -5.31   0.000    -1.914903   -.8826431
                   |
      __gr12#__alc |
             1 1   |   1.162377   .2343809     4.96   0.000     .7029987    1.621755
                   |
     __gr12#__diss |
             1 1   |   .4239787   .2520309     1.68   0.093    -.0699927    .9179501
                   |
       __gr12#__ir |
             1 1   |   -.226861   .2922473    -0.78   0.438    -.7996552    .3459331
                   |
__gr12#__incompdec |
             1 1   |   1.234036   .3953624     3.12   0.002     .4591403    2.008933
                   |
   __gr12#__civlib |
             1 1   |   1.394263   .2372378     5.88   0.000     .9292854     1.85924
                   |
    __gr12#__hasac |
             1 1   |    .430577   .4564453     0.94   0.346    -.4640393    1.325193
                   |
            _cons |  -3.355838    .112967   -29.71   0.000    -3.577249   -3.134427
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"dou68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs = 32,867
                                                        Wald chi2(17) = 995.71
```

```
                                                      Prob > chi2   = 0.0000
Log pseudolikelihood = -8220.7174                     Pseudo R2     = 0.2478

                                 (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                  |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+-----------------------------------------------------------------
          1.__gr13 |  -.7598056   .3272718    -2.32   0.020    -1.401246   -.1183648
         1.__usptr |   2.101176    .169937    12.36   0.000     1.768106    2.434247
           1.__acc |   2.215696     .12688    17.46   0.000     1.967016    2.464376
           1.__alc |  -.1753418   .1021796    -1.72   0.086    -.3756101    .0249265
          1.__diss |    .538787    .125818     4.28   0.000     .2921882    .7853858
            1.__ir |    .573704    .103649     5.54   0.000     .3705557    .7768522
     1.__incompdec |   .9563495   .0917973    10.42   0.000     .7764301    1.136269
        1.__civlib |  -.2642108   .0943502    -2.80   0.005    -.4491337   -.0792878
         1.__hasac |   1.137444   .1473935     7.72   0.000     .8485581     1.42633
                   |
    __gr13#__usptr |
             1 1   |   2.034505   .5758599     3.53   0.000     .9058406     3.16317
                   |
      __gr13#__acc |
             1 1   |  -.9280253   .2989571    -3.10   0.002     -1.51397   -.3420802
                   |
      __gr13#__alc |
             1 1   |    .739514   .2791959     2.65   0.008        .1923    1.286728
                   |
     __gr13#__diss |
             1 1   |   .0686063   .3189922     0.22   0.830    -.5566069    .6938194
                   |
       __gr13#__ir |
             1 1   |  -.3025257   .3111254    -0.97   0.331    -.9123203    .3072689
                   |
__gr13#__incompdec |
             1 1   |  -.7756191   .3256786    -2.38   0.017    -1.413937   -.1373008
                   |
   __gr13#__civlib |
             1 1   |   1.166916   .2844659     4.10   0.000      .609373    1.724459
                   |
    __gr13#__hasac |
             1 1   |    .999495   .4211532     2.37   0.018     .1740499     1.82494
                   |
             _cons |  -3.375269   .1132402   -29.81   0.000    -3.597215   -3.153322
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"har68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                   Number of obs =  32,867
                                                      Wald chi2(17) = 1043.29
                                                      Prob > chi2   =  0.0000
Log pseudolikelihood = -8220.2525                     Pseudo R2     =  0.2479

                                 (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                  |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+-----------------------------------------------------------------
          1.__gr14 |  -1.566834   .3800285    -4.12   0.000    -2.311676   -.8219919
         1.__usptr |   2.137007   .1673287    12.77   0.000     1.809048    2.464965
           1.__acc |   2.187299   .1261946    17.33   0.000     1.939962    2.434635
           1.__alc |  -.1773118    .101652    -1.74   0.081     -.376546    .0219224
          1.__diss |   .5492944   .1246951     4.41   0.000     .3048965    .7936924
            1.__ir |   .5843743   .1028147     5.68   0.000     .3828612    .7858874
```

```
      1.__incompdec |   .9193591   .0911823    10.08   0.000      .740645    1.098073
         1.__civlib |  -.2915972    .093808    -3.11   0.002    -.4754576   -.1077368
          1.__hasac |   1.151471   .1453816     7.92   0.000      .866528    1.436413
                    |
     __gr14#__usptr |
             1 1    |   .5591979   .5971534     0.94   0.349    -.6112012    1.729597
                    |
       __gr14#__acc |
             1 1    |  -.2572181   .2576083    -1.00   0.318     -.762121    .2476848
                    |
       __gr14#__alc |
             1 1    |   .7230667   .2449445     2.95   0.003     .2429844    1.203149
                    |
      __gr14#__diss |
             1 1    |  -.2248417   .3145987    -0.71   0.475    -.8414438    .3917604
                    |
        __gr14#__ir |
             1 1    |  -.2337586   .2941607    -0.79   0.427     -.810303    .3427857
                    |
__gr14#__incompdec |
             1 1    |   .4709495   .3305778     1.42   0.154     -.176971     1.11887
                    |
   __gr14#__civlib |
             1 1    |    1.37169   .2562697     5.35   0.000     .8694109     1.87397
                    |
    __gr14#__hasac |
             1 1    |   .8488046   .4570758     1.86   0.063    -.0470474    1.744657
                    |
              _cons |  -3.357423   .1122833   -29.90   0.000    -3.577495   -3.137352
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"bre68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs = 32,867
                                                        Wald chi2(17) = 977.33
                                                        Prob > chi2   = 0.0000
Log pseudolikelihood = -8216.3443                       Pseudo R2     = 0.2482

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                    |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
           1.__gr15 |  -.7525545   .3402509    -2.21   0.027    -1.419434    -.085675
          1.__usptr |   2.128243   .1695709    12.55   0.000     1.795891    2.460596
            1.__acc |   2.213439   .1276312    17.34   0.000     1.963287    2.463592
            1.__alc |  -.1807079   .1027118    -1.76   0.079    -.3820194    .0206037
           1.__diss |   .5405801    .126191     4.28   0.000     .2932502    .7879099
             1.__ir |   .5882584   .1037905     5.67   0.000     .3848328     .791684
      1.__incompdec |   .9705889   .0970459    10.00   0.000     .7803825    1.160795
         1.__civlib |   -.285152   .0945073    -3.02   0.003    -.4703829   -.0999211
          1.__hasac |   1.152485   .1474933     7.81   0.000     .8634029    1.441566
                    |
     __gr15#__usptr |
             1 1    |   .3586333   .4615328     0.78   0.437    -.5459544    1.263221
                    |
       __gr15#__acc |
             1 1    |  -1.204155   .2928872    -4.11   0.000    -1.778204   -.6301067
                    |
       __gr15#__alc |
             1 1    |   1.112036   .2988919     3.72   0.000     .5262191    1.697854
                    |
      __gr15#__diss |
```

```
               1 1  |   .0314792     .31699     0.10   0.921    -.5898098    .6527682
                    |
         __gr15#__ir |
               1 1  |  -.4682172   .3149711    -1.49   0.137    -1.085549    .1491148
                    |
__gr15#__incompdec |
               1 1  |  -.6892162   .3228266    -2.13   0.033    -1.321945   -.0564877
                    |
    __gr15#__civlib |
               1 1  |   1.072476   .2753768     3.89   0.000     .5327477    1.612205
                    |
     __gr15#__hasac |
               1 1  |   .6129801   .4250275     1.44   0.149    -.2200585    1.446019
                    |
              _cons |  -3.389746   .1157183   -29.29   0.000    -3.616549   -3.162942
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"stw68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs = 32,867
                                                        Wald chi2(17) = 992.40
                                                        Prob > chi2   = 0.0000
Log pseudolikelihood = -8233.2579                       Pseudo R2     = 0.2467

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                    |               Robust
           jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
--------------------+---------------------------------------------------------------
           1.__gr16 |  -.6743468   .3294372    -2.05   0.041    -1.320032   -.0286617
          1.__usptr |    2.13044   .1688058    12.62   0.000     1.799587    2.461293
            1.__acc |   2.198088   .1266898    17.35   0.000     1.949781    2.446396
            1.__alc |  -.1843272   .1021598    -1.80   0.071    -.3845568    .0159023
           1.__diss |   .5326015   .1265974     4.21   0.000     .2844751    .7807279
             1.__ir |   .5713715   .1036682     5.51   0.000     .3681855    .7745574
      1.__incompdec |   .9543605   .0917516    10.40   0.000     .7745307     1.13419
         1.__civlib |  -.2385395    .093948    -2.54   0.011    -.4226743   -.0544047
          1.__hasac |   1.142965   .1474208     7.75   0.000      .854025    1.431904
                    |
     __gr16#__usptr |
               1 1  |   .5683628    .471448     1.21   0.228    -.3556583    1.492384
                    |
       __gr16#__acc |
               1 1  |  -.6321079   .2728311    -2.32   0.021    -1.166847   -.0973688
                    |
       __gr16#__alc |
               1 1  |    1.02405   .2882394     3.55   0.000     .4591107    1.588988
                    |
      __gr16#__diss |
               1 1  |   .1132621   .2973705     0.38   0.703    -.4695734    .6960976
                    |
        __gr16#__ir |
               1 1  |  -.1929347   .2717258    -0.71   0.478    -.7255075    .3396381
                    |
__gr16#__incompdec |
               1 1  |  -.4795144   .2985158    -1.61   0.108    -1.064595    .1055658
                    |
    __gr16#__civlib |
               1 1  |   .2604877   .2570121     1.01   0.311    -.2432466    .7642221
                    |
     __gr16#__hasac |
               1 1  |   .7861264   .4450425     1.77   0.077    -.0861408    1.658394
                    |
```

```
             _cons |  -3.376462   .1134032   -29.77   0.000    -3.598728   -3.154196
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"bwh68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs = 32,867
                                                        Wald chi2(17) = 980.36
                                                        Prob > chi2   = 0.0000
Log pseudolikelihood = -8230.2184                       Pseudo R2     = 0.2469

                                  (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr17 |   -1.44714   .4086176    -3.54   0.000    -2.248016   -.6462643
         1.__usptr |   2.120148   .1685753    12.58   0.000     1.789747     2.45055
           1.__acc |    2.19961     .12688    17.34   0.000      1.95093     2.44829
           1.__alc |  -.1789042   .1018053    -1.76   0.079     -.378439    .0206306
          1.__diss |   .5469639   .1255404     4.36   0.000     .3009094    .7930185
            1.__ir |   .5709965   .1033095     5.53   0.000     .3685136    .7734794
     1.__incompdec |   .9273047   .0912989    10.16   0.000     .7483621    1.106247
        1.__civlib |  -.2646121   .0940026    -2.81   0.005    -.4488539   -.0803704
         1.__hasac |   1.147311   .1459906     7.86   0.000     .8611746    1.433447
                   |
    __gr17#__usptr |
             1 1   |   1.439642   .7194823     2.00   0.045     .0294829    2.849802
                   |
      __gr17#__acc |
             1 1   |  -.7032291   .2964588    -2.37   0.018    -1.284278   -.1221805
                   |
      __gr17#__alc |
             1 1   |    .803967   .2628379     3.06   0.002     .2888141     1.31912
                   |
     __gr17#__diss |
             1 1   |  -.2092429   .3169089    -0.66   0.509     -.830373    .4118872
                   |
       __gr17#__ir |
             1 1   |   .0799831   .2982124     0.27   0.789    -.5045025    .6644687
                   |
__gr17#__incompdec |
             1 1   |   .5639489   .3771204     1.50   0.135    -.1751936    1.303091
                   |
   __gr17#__civlib |
             1 1   |   .7746414   .2697999     2.87   0.004     .2458433    1.303439
                   |
    __gr17#__hasac |
             1 1   |   .9182576   .4697396     1.95   0.051    -.0024152     1.83893
                   |
             _cons |  -3.362212   .1125566   -29.87   0.000    -3.582819   -3.141606
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"for68"'
(37,476 missing values generated)
(1,354 real changes made)
(36,122 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1047.97
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8217.1074                       Pseudo R2     =  0.2481
```

```
                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr18 |   -2.27057   .4325064    -5.25   0.000    -3.118267   -1.422873
         1.__usptr |   2.137066   .1689641    12.65   0.000     1.805902    2.468229
           1.__acc |   2.197714   .1261457    17.42   0.000     1.950473    2.444955
           1.__alc |  -.1742103   .1014172    -1.72   0.086    -.3729843    .0245637
          1.__diss |   .5325167   .1249892     4.26   0.000     .2875425     .777491
            1.__ir |   .5799504   .1028545     5.64   0.000     .3783592    .7815415
     1.__incompdec |   .9265866   .0911137    10.17   0.000      .748007    1.105166
        1.__civlib |  -.2828634   .0938091    -3.02   0.003    -.4667259   -.0990009
         1.__hasac |   1.144632   .1462336     7.83   0.000     .8580194    1.431245
                   |
    __gr18#__usptr |
             1 1   |   .5972658   .5912052     1.01   0.312    -.5614751    1.756007
                   |
      __gr18#__acc |
             1 1   |  -.5075189   .2894907    -1.75   0.080     -1.07491    .0598725
                   |
      __gr18#__alc |
             1 1   |   .7771062   .2805627     2.77   0.006     .2272133    1.326999
                   |
     __gr18#__diss |
             1 1   |   .3330037   .3124781     1.07   0.287    -.2794421    .9454494
                   |
       __gr18#__ir |
             1 1   |  -.2075106    .300347    -0.69   0.490    -.7961799    .3811587
                   |
__gr18#__incompdec |
             1 1   |    .688988    .398194     1.73   0.084    -.0914578    1.469434
                   |
   __gr18#__civlib |
             1 1   |   1.557124   .2934015     5.31   0.000     .9820679    2.132181
                   |
    __gr18#__hasac |
             1 1   |    1.19095   .4952172     2.40   0.016     .2203417    2.161558
                   |
             _cons |  -3.354552   .1122434   -29.89   0.000    -3.574545   -3.134559
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"mar68"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1043.34
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8155.8346                       Pseudo R2     =  0.2538

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr19 |  -3.018867   .6490008    -4.65   0.000    -4.290885   -1.746849
         1.__usptr |   2.192815   .1720911    12.74   0.000     1.855523    2.530108
           1.__acc |   2.148599   .1283015    16.75   0.000     1.897133    2.400065
           1.__alc |  -.1408977   .1024314    -1.38   0.169    -.3416596    .0598642
          1.__diss |   .5193934   .1264756     4.11   0.000     .2715058    .7672809
            1.__ir |   .5707766   .1037311     5.50   0.000     .3674673    .7740858
     1.__incompdec |   .9204359   .0929041     9.91   0.000     .7383472    1.102525
        1.__civlib |  -.2050388   .0944708    -2.17   0.030    -.3901981   -.0198795
         1.__hasac |   1.200636   .1513436     7.93   0.000     .9040082    1.497264
```

```
                    |
     __gr19#__usptr |
              1 1   |  -.6690161   .5284982    -1.27   0.206    -1.704853    .3668213
                    |
       __gr19#__acc |
              1 1   |   .6513239   .3798368     1.71   0.086    -.0931426     1.39579
                    |
       __gr19#__alc |
              1 1   |    1.00789   .5583785     1.81   0.071    -.0865113    2.102292
                    |
      __gr19#__diss |
              1 1   |   .7149072   .4144506     1.72   0.085    -.0974011    1.527215
                    |
        __gr19#__ir |
              1 1   |   .0511454   .3632642     0.14   0.888    -.6608394    .7631301
                    |
__gr19#__incompdec |
              1 1   |   .3793096   .4039113     0.94   0.348     -.412342    1.170961
                    |
   __gr19#__civlib |
              1 1   |  -.1648683   .3432416    -0.48   0.631    -.8376095    .5078729
                    |
    __gr19#__hasac |
              1 1   |   .0461231    .467103     0.10   0.921     -.869382    .9616282
                    |
             _cons  |  -3.345745   .1125917   -29.72   0.000    -3.566421    -3.12507
------------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"mar82"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1034.09
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8182.7719                       Pseudo R2     =  0.2513

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                    |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
           1.__gr20 |  -1.869262   .4632957    -4.03   0.000    -2.777305   -.9612192
          1.__usptr |   2.181077   .1707225    12.78   0.000     1.846467    2.515687
            1.__acc |   2.143665   .1284254    16.69   0.000     1.891956    2.395374
            1.__alc |  -.1468811   .1026128    -1.43   0.152    -.3479985    .0542364
           1.__diss |   .5303628   .1263693     4.20   0.000     .2826836    .7780421
             1.__ir |   .5651717   .1040812     5.43   0.000     .3611762    .7691671
      1.__incompdec |   .9318925   .0936385     9.95   0.000     .7483645     1.11542
         1.__civlib |  -.2030864   .0944962    -2.15   0.032    -.3882956   -.0178773
          1.__hasac |   1.184279   .1528987     7.75   0.000     .8846033    1.483955
                    |
     __gr20#__usptr |
              1 1   |  -.6451867   .4740197    -1.36   0.173    -1.574248    .2838749
                    |
       __gr20#__acc |
              1 1   |    .506159    .341702     1.48   0.139    -.1635646    1.175883
                    |
       __gr20#__alc |
              1 1   |    .892754   .4362167     2.05   0.041      .037785    1.747723
                    |
      __gr20#__diss |
              1 1   |   .0745173      .3939     0.19   0.850    -.6975125    .8465471
                    |
        __gr20#__ir |
```

```
              1 1  |   .1890717   .3059762     0.62   0.537    -.4106306     .788774
                   |
__gr20#__incompdec |
              1 1  |   -.201029   .3200148    -0.63   0.530    -.8282465    .4261885
                   |
   __gr20#__civlib |
              1 1  |  -.4429299   .3027084    -1.46   0.143    -1.036228    .1503677
                   |
    __gr20#__hasac |
              1 1  |   .0954773   .3703322     0.26   0.797    -.6303604     .821315
                   |
             _cons |  -3.354566   .1132654   -29.62   0.000    -3.576562    -3.13257
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"bre82"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1005.11
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8222.317                        Pseudo R2     =  0.2477

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr21 |  -1.405254   .3273259    -4.29   0.000    -2.046801   -.7637071
         1.__usptr |   2.137708   .1700666    12.57   0.000     1.804383    2.471032
           1.__acc |   2.149486   .1279655    16.80   0.000     1.898679    2.400294
           1.__alc |   -.182239   .1032894    -1.76   0.078    -.3846826    .0202046
          1.__diss |   .5534721   .1263505     4.38   0.000     .3058297    .8011145
            1.__ir |   .5645144   .1045312     5.40   0.000     .3596369    .7693918
     1.__incompdec |   .9280609   .0930671     9.97   0.000     .7456527    1.110469
        1.__civlib |  -.2493716   .0952958    -2.62   0.009    -.4361479   -.0625953
         1.__hasac |   1.085388    .155171     6.99   0.000     .7812581    1.389517
                   |
    __gr21#__usptr |
              1 1  |   .4304471   .4603241     0.94   0.350    -.4717715    1.332666
                   |
      __gr21#__acc |
              1 1  |   .6902017   .2929912     2.36   0.018     .1159495    1.264454
                   |
      __gr21#__alc |
              1 1  |   1.021669   .2715879     3.76   0.000     .4893663    1.553971
                   |
     __gr21#__diss |
              1 1  |  -.5043865   .2938312    -1.72   0.086    -1.080285    .0715121
                   |
       __gr21#__ir |
              1 1  |   .0789529   .2313945     0.34   0.733     -.374572    .5324778
                   |
__gr21#__incompdec |
              1 1  |   .1401814   .2295177     0.61   0.541    -.3096651    .5900279
                   |
   __gr21#__civlib |
              1 1  |   .2644564   .2209981     1.20   0.231     -.168692    .6976047
                   |
    __gr21#__hasac |
              1 1  |   1.164102   .2453724     4.74   0.000      .683181    1.645023
                   |
             _cons |  -3.350386   .1139704   -29.40   0.000    -3.573764   -3.127008
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
```

```
(234 missing values generated)
`"bwh82"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1060.36
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8212.2671                       Pseudo R2     =  0.2486

                                  (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr22 |  -2.357211   .3929283    -6.00   0.000    -3.127337   -1.587086
         1.__usptr |   2.162432   .1700455    12.72   0.000     1.829149    2.495715
           1.__acc |   2.162021    .127576    16.95   0.000     1.911977    2.412066
           1.__alc |  -.1640853   .1023745    -1.60   0.109    -.3647355    .0365649
          1.__diss |   .5349079   .1262987     4.24   0.000     .2873669    .7824489
            1.__ir |   .5713253    .103661     5.51   0.000     .3681535    .7744971
     1.__incompdec |    .915093   .0919827     9.95   0.000     .7348103    1.095376
        1.__civlib |  -.2430595    .094664    -2.57   0.010    -.4285977   -.0575214
         1.__hasac |    1.18877   .1505136     7.90   0.000     .8937687    1.483771
                   |
    __gr22#__usptr |
             1 1   |  -.0116261   .4430057    -0.03   0.979    -.8799012    .8566491
                   |
      __gr22#__acc |
             1 1   |  -.0505505   .3211675    -0.16   0.875    -.6800273    .5789263
                   |
      __gr22#__alc |
             1 1   |   1.041145   .3394454     3.07   0.002     .3758441    1.706446
                   |
     __gr22#__diss |
             1 1   |  -.1575291   .3193334    -0.49   0.622     -.783411    .4683529
                   |
       __gr22#__ir |
             1 1   |  -.0063881   .2761952    -0.02   0.982    -.5477207    .5349445
                   |
__gr22#__incompdec |
             1 1   |   .8361163   .3162201     2.64   0.008     .2163363    1.455896
                   |
   __gr22#__civlib |
             1 1   |   .4957693   .2653437     1.87   0.062    -.0242948    1.015833
                   |
    __gr22#__hasac |
             1 1   |   .0158502   .3256832     0.05   0.961    -.6224771    .6541775
                   |
             _cons |  -3.342991   .1127703   -29.64   0.000    -3.564017   -3.121966
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"bur82"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1027.87
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8222.6889                       Pseudo R2     =  0.2476

                                  (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
```

```
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr23 |   -1.74868   .3996956    -4.38   0.000     -2.53207   -.9652914
         1.__usptr |   2.159217   .1689646    12.78   0.000     1.828053    2.490381
           1.__acc |   2.150147   .1278405    16.82   0.000     1.899584    2.400709
           1.__alc |   -.177283   .1024513    -1.73   0.084    -.3780838    .0235178
          1.__diss |   .5348218   .1262633     4.24   0.000     .2873503    .7822933
            1.__ir |   .5682691   .1041597     5.46   0.000     .3641199    .7724183
     1.__incompdec |   .9409346   .0930075    10.12   0.000     .7586433    1.123226
        1.__civlib |  -.2503245   .0947261    -2.64   0.008    -.4359843   -.0646647
         1.__hasac |    1.16596   .1512653     7.71   0.000     .8694857    1.462435
                   |
    __gr23#__usptr |
             1 1   |  -.1859525    .435692    -0.43   0.670    -1.039893    .6679881
                   |
      __gr23#__acc |
             1 1   |   .4348754   .2884161     1.51   0.132    -.1304098    1.000161
                   |
      __gr23#__alc |
             1 1   |    1.32574   .3784131     3.50   0.000     .5840635    2.067416
                   |
     __gr23#__diss |
             1 1   |  -.0214686   .3088102    -0.07   0.945    -.6267254    .5837882
                   |
       __gr23#__ir |
             1 1   |   .1065823   .2490707     0.43   0.669    -.3815872    .5947519
                   |
__gr23#__incompdec |
             1 1   |  -.1614306   .2648809    -0.61   0.542    -.6805877    .3577265
                   |
   __gr23#__civlib |
             1 1   |   .3514149   .2329747     1.51   0.131    -.1052072     .808037
                   |
    __gr23#__hasac |
             1 1   |   .3461952   .2932661     1.18   0.238    -.2285959    .9209862
                   |
             _cons |  -3.354136   .1139211   -29.44   0.000    -3.577417   -3.130854
------------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"hab82"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1045.66
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8221.0708                       Pseudo R2     =  0.2478

                                  (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr24 |    -1.5424   .3380018    -4.56   0.000    -2.204871   -.8799282
         1.__usptr |   2.132722   .1694605    12.59   0.000     1.800586    2.464859
           1.__acc |    2.14951   .1267043    16.96   0.000     1.901174    2.397845
           1.__alc |  -.1619214   .1022237    -1.58   0.113    -.3622762    .0384334
          1.__diss |   .5507488   .1256377     4.38   0.000     .3045034    .7969943
            1.__ir |   .5772022   .1033066     5.59   0.000      .374725    .7796793
     1.__incompdec |   .9228144   .0918406    10.05   0.000     .7428102    1.102819
        1.__civlib |  -.2231085   .0941775    -2.37   0.018     -.407693   -.0385241
         1.__hasac |   1.141664   .1502105     7.60   0.000     .8472568    1.436071
                   |
    __gr24#__usptr |
             1 1   |   .6288814   .4222356     1.49   0.136    -.1986852    1.456448
```

```
                    |
      __gr24#__acc |
              1 1  |   .4197697   .3266633     1.29   0.199    -.2204787    1.060018
                    |
      __gr24#__alc |
              1 1  |   .8209837   .2938601     2.79   0.005     .2450284    1.396939
                    |
     __gr24#__diss |
              1 1  |  -.5671162   .3397109    -1.67   0.095    -1.232937    .0987049
                    |
       __gr24#__ir |
              1 1  |  -.0056827    .260441    -0.02   0.983    -.5161377    .5047722
                    |
__gr24#__incompdec |
              1 1  |   .3006849   .2884809     1.04   0.297    -.2647272    .8660971
                    |
   __gr24#__civlib |
              1 1  |  -.2583877   .2674626    -0.97   0.334    -.7826048    .2658295
                    |
    __gr24#__hasac |
              1 1  |   .7043531   .2800223     2.52   0.012     .1555194    1.253187
                    |
             _cons |  -3.357134   .1133837   -29.61   0.000    -3.579362   -3.134906
------------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"pow82"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1080.67
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8205.0914                       Pseudo R2     =  0.2492

                                  (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------------
                    |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr25 |  -1.837112   .3007787    -6.11   0.000    -2.426628   -1.247597
         1.__usptr |   2.165821   .1704578    12.71   0.000      1.83173    2.499912
           1.__acc |   2.187201   .1280657    17.08   0.000     1.936196    2.438205
           1.__alc |  -.1854461   .1042027    -1.78   0.075    -.3896796    .0187874
          1.__diss |   .5341867   .1286545     4.15   0.000     .2820285    .7863448
            1.__ir |   .5384477   .1054519     5.11   0.000     .3317659    .7451295
     1.__incompdec |   .8741515   .0925412     9.45   0.000     .6927741    1.055529
        1.__civlib |  -.2734876    .096491    -2.83   0.005    -.4626065   -.0843687
         1.__hasac |   1.088889   .1553325     7.01   0.000     .7844433    1.393336
                    |
    __gr25#__usptr |
              1 1  |   .0367239    .416508     0.09   0.930    -.7796169    .8530646
                    |
      __gr25#__acc |
              1 1  |  -.1430166   .3123923    -0.46   0.647    -.7552943     .469261
                    |
      __gr25#__alc |
              1 1  |   .5823709   .2419735     2.41   0.016     .1081115     1.05663
                    |
     __gr25#__diss |
              1 1  |  -.0878756   .2672194    -0.33   0.742    -.6116159    .4358647
                    |
       __gr25#__ir |
              1 1  |   .2215909   .2139497     1.04   0.300    -.1977428    .6409246
                    |
__gr25#__incompdec |
```

```
              1 1  |   1.410897   .2428187     5.81   0.000     .9349811    1.886813
                   |
   __gr25#__civlib |
              1 1  |   .8901959   .2151808     4.14   0.000     .4684493    1.311942
                   |
    __gr25#__hasac |
              1 1  |   .8150011   .2505531     3.25   0.001      .323926    1.306076
                   |
             _cons |  -3.316173   .1126173   -29.45   0.000    -3.536899   -3.095448
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"reh82"'
(37,476 missing values generated)
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1055.01
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8179.0489                       Pseudo R2     =  0.2516

                                (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                   |               Robust
          jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------+----------------------------------------------------------------
          1.__gr26 |  -1.745255   .4035879    -4.32   0.000    -2.536273   -.9542376
         1.__usptr |   2.190361   .1715714    12.77   0.000     1.854087    2.526635
           1.__acc |   2.171202   .1277289    17.00   0.000     1.920858    2.421546
           1.__alc |  -.1554323   .1021234    -1.52   0.128    -.3555906    .0447259
          1.__diss |   .5449432   .1260816     4.32   0.000     .2978277    .7920586
            1.__ir |   .5777576   .1038675     5.56   0.000      .374181    .7813342
     1.__incompdec |   .9507165   .0928614    10.24   0.000     .7687115    1.132722
        1.__civlib |  -.2189623   .0942699    -2.32   0.020     -.403728   -.0341966
         1.__hasac |   1.189647   .1508101     7.89   0.000     .8940641    1.485229
                   |
    __gr26#__usptr |
              1 1  |  -.5624826   .4329264    -1.30   0.194    -1.411003    .2860374
                   |
      __gr26#__acc |
              1 1  |   .0279789    .368732     0.08   0.940    -.6947225    .7506803
                   |
      __gr26#__alc |
              1 1  |   1.113114   .4097354     2.72   0.007     .3100478    1.916181
                   |
     __gr26#__diss |
              1 1  |  -.2544348    .388436    -0.66   0.512    -1.015755    .5068857
                   |
       __gr26#__ir |
              1 1  |   .3891702   .3023075     1.29   0.198    -.2033416     .981682
                   |
__gr26#__incompdec |
              1 1  |  -.8489639   .3150599    -2.69   0.007     -1.46647   -.2314577
                   |
   __gr26#__civlib |
              1 1  |  -.3744687   .3156896    -1.19   0.236    -.9932089    .2442716
                   |
    __gr26#__hasac |
              1 1  |   .6235786   .3197925     1.95   0.051    -.0032032     1.25036
                   |
             _cons |  -3.374086     .11464   -29.43   0.000    -3.598776   -3.149396
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"jps82"'
(37,476 missing values generated)
```

```
(2,060 real changes made)
(35,416 real changes made)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(17) = 1083.39
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -8219.5143                       Pseudo R2     =  0.2479

                                 (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------
                  |               Robust
         jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
------------------+------------------------------------------------------------------
          1.__gr27 |  -2.015672    .335922    -6.00   0.000    -2.674067   -1.357277
         1.__usptr |   2.157263   .1693384    12.74   0.000     1.825366    2.489161
           1.__acc |   2.141039    .127056    16.85   0.000     1.892014    2.390064
           1.__alc |  -.1528342   .1022176    -1.50   0.135    -.3531769    .0475086
          1.__diss |   .5418635    .125789     4.31   0.000     .2953215    .7884054
            1.__ir |   .5557463   .1035287     5.37   0.000     .3528337    .7586588
     1.__incompdec |   .9105527   .0917778     9.92   0.000     .7306714    1.090434
        1.__civlib |   -.256508    .094544    -2.71   0.007    -.4418108   -.0712052
         1.__hasac |   1.136184   .1515272     7.50   0.000     .8391965    1.433172
                   |
    __gr27#__usptr |
             1 1   |   -.002958   .4413287    -0.01   0.995    -.8679463    .8620303
                   |
      __gr27#__acc |
             1 1   |   .5474926   .3121584     1.75   0.079    -.0643265    1.159312
                   |
      __gr27#__alc |
             1 1   |   .4154348   .3018282     1.38   0.169    -.1761375    1.007007
                   |
     __gr27#__diss |
             1 1   |   -.323974   .3185265    -1.02   0.309    -.9482745    .3003264
                   |
       __gr27#__ir |
             1 1   |    .327244   .2675504     1.22   0.221    -.1971452    .8516332
                   |
__gr27#__incompdec |
             1 1   |   .7684034   .2950677     2.60   0.009     .1900813    1.346726
                   |
   __gr27#__civlib |
             1 1   |   .7072616   .2538333     2.79   0.005     .2097574    1.204766
                   |
    __gr27#__hasac |
             1 1   |   .7235701   .2891321     2.50   0.012     .1568817    1.290259
                   |
             _cons |  -3.336803   .1128661   -29.56   0.000    -3.558017   -3.11559
------------------------------------------------------------------------------
(option pr assumed; Pr(jbincert))
(234 missing values generated)
`"oco82"'

.
.
. cap drop m1_justice-m1_effse

.
. gen m1_justice=""
(37,476 missing values generated)

. gen m1_var=""
(37,476 missing values generated)

. gen m1_effect=.
(37,476 missing values generated)
```

```
. gen m1_secdiff_p=.
(37,476 missing values generated)

. gen m1_effub=.
(37,476 missing values generated)

. gen m1_efflb=.
(37,476 missing values generated)

. gen m1_effse=.
(37,476 missing values generated)

.
.
.
. local vlist __incompdec __usptr __acc __alc  __diss __ir  __civlib __hasac

.
.
.
. local n=1

. foreach v of local vlist{
  2.         forvalues i=1/27{
  3.                 local model m1_j`i'
  4.                 est restore `model'
  5.                 levelsof __jn if jid==`i',local(jjj) clean
  6.                 di "`v'"
  7.                 *if "`v'"=="__libdec" | "`v'"=="__civlib" {
.                cap sdcasepick `v' if e(sample) , gr(__gr`i') second prvar(__pr`model') prlb(.1)
> prub(.2)
  8.                 *}
.                *if "`v'"!="__libdec" & "`v'"!="__civlib" {
.                *       cap sdcasepick `v' if e(sample) , gr(__gr`i') second prvar(__pr`model') p
> rlb(.2) prub(.3)
.                *}
.                cap replace m1_justice="`jjj'" in `n'
  9.                 cap replace m1_var="`v'" in `n'
 10.                 cap replace m1_effect=`r(g1_est)' in `n'
 11.                 cap replace m1_secdiff_p=`r(sd_p)' in `n'
 12.                 cap replace m1_effub=`r(g1_ub)' in `n'
 13.                 cap replace m1_effub=1-`r(basevalue)' if `r(g1_ub)' > (1-`r(basevalue)') & `r(
> g1_ub)' !=.
 14.                 cap replace m1_efflb=`r(g1_lb)' in `n'
 15.                 cap replace m1_effse=`r(g1_se)' in `n'
 16.                 local n=`n'+1
 17.         }
 18. }
(results m1_j1 are active now)
hug39
__incompdec
(results m1_j2 are active now)
mcr39
__incompdec
(results m1_j3 are active now)
sto39
__incompdec
(results m1_j4 are active now)
rob39
__incompdec
(results m1_j5 are active now)
hlb39
__incompdec
(results m1_j6 are active now)
ree39
__incompdec
(results m1_j7 are active now)
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fra39
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war68
__incompdec
(results m1_j11 are active now)
hlb68
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bwh68
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mar82
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reh82
__hasac
(results m1_j26 are active now)
jps82
__hasac
(results m1_j27 are active now)
oco82
__hasac

.
. *summarize effects
. bysort m1_var: summ m1_effect

-------------------------------------------------------------------------------------------------------
-> m1_var =

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |          0

-------------------------------------------------------------------------------------------------------
-> m1_var = __acc

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .4532107    .1613828   .1332431   .7882023

-------------------------------------------------------------------------------------------------------
-> m1_var = __alc

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .0801582    .0641343  -.0272329   .2187546

-------------------------------------------------------------------------------------------------------
-> m1_var = __civlib

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .0305322      .08231  -.0746612   .2434871

-------------------------------------------------------------------------------------------------------
-> m1_var = __diss

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .0968564    .0682992  -.0045358   .2605996

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

```
-> m1_var = __hasac

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .3324851    .0701411   .2031905   .4934479

-------------------------------------------------------------------------------------------------------
-> m1_var = __incompdec

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .1880117    .1238847   .0113141   .4756315

-------------------------------------------------------------------------------------------------------
-> m1_var = __ir

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .0982826    .0443911   .0192164   .2009076

-------------------------------------------------------------------------------------------------------
-> m1_var = __usptr

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   m1_effect |         27    .4719701    .1705253  -.0234599   .7727528


.
.
.
. *crude way of getting different symbols for sig and ns sec diffs:
. cap drop m1_seffect m1_nseffect

. gen m1_seffect=m1_effect if m1_secdiff_p <= .05
(37,415 missing values generated)

. gen m1_nseffect=m1_effect if m1_secdiff_p > .05
(37,321 missing values generated)

.
.
.
.
.
. *graphs:
. local vlist __incompdec  __usptr __acc __alc __diss __ir  __civlib __hasac

. foreach v of local vlist{
  2.         graph dot m1_seffect m1_nseffect if m1_var=="`v'", over(m1_justice, sort(m1_effect)) /
> //
>         title(Effect Size for `: variable label `v'', size(medium)) subtitle(From baseline of ~.1
> 5, size (medsmall)) ///
>         xsize(7) ysize(10) marker(1, mcolor(navy) msymbol(circle)) marker(2, mcolor(navy) msymbol
> (circle_hollow)) ///
>         legend(off)
  3.         graph export "`path'\m1_`v'bl15.png", as(png) replace
  4. }
file V:\docs\WOD\m1___incompdecbl15.png saved as PNG format
file V:\docs\WOD\m1___usptrbl15.png saved as PNG format
file V:\docs\WOD\m1___accbl15.png saved as PNG format
file V:\docs\WOD\m1___alcbl15.png saved as PNG format
file V:\docs\WOD\m1___dissbl15.png saved as PNG format
file V:\docs\WOD\m1___irbl15.png saved as PNG format
file V:\docs\WOD\m1___civlibbl15.png saved as PNG format
file V:\docs\WOD\m1___hasacbl15.png saved as PNG format
```

```
.
.
.
.
.
.
.
. **********effect sizes as f(extremism/tenure)*********************************
.
.
. logit jbincert c.__exp##(__usptr __acc __alc  __diss __ir  __incompdec  __civlib __hasac ) ///
> c.__j5dist##(__usptr __acc __alc  __diss __ir  __incompdec  __civlib __hasac)  i.__term ///
> if (aot==39 & u_ifp ==0 & u_ca==1) | __term==68  | __term==82  ,nolog cluster(__dncat)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(28) = 1214.26
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -7546.6718                       Pseudo R2     =  0.3095

                                    (Std. err. adjusted for 3,740 clusters in __dncat)
------------------------------------------------------------------------------------
                     |               Robust
           jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
---------------------+--------------------------------------------------------------
                __exp |  -.0007371   .0063939    -0.12   0.908    -.0132688    .0117947
            1.__usptr |   2.730871   .2378678    11.48   0.000     2.264659    3.197083
              1.__acc |   2.297534    .161038    14.27   0.000     1.981905    2.613162
              1.__alc |   .3093279   .1355916     2.28   0.023     .0435733    .5750825
             1.__diss |   .5667979   .1591162     3.56   0.000     .2549358    .8786599
               1.__ir |   .7523984   .1302022     5.78   0.000     .4972068     1.00759
        1.__incompdec |   .9683726   .1288886     7.51   0.000     .7157557     1.22099
           1.__civlib |   .2214579   .1345608     1.65   0.100    -.0422764    .4851922
            1.__hasac |   1.920464   .2200669     8.73   0.000     1.489141    2.351787
                      |
      __usptr#c.__exp |
                    1 |  -.0083031   .0113897    -0.73   0.466    -.0306266    .0140203
                      |
       __acc#c.__exp |
                    1 |  -.0124008    .007565    -1.64   0.101    -.0272278    .0024263
                      |
       __alc#c.__exp |
                    1 |   .0190818   .0065145     2.93   0.003     .0063135      .03185
                      |
      __diss#c.__exp |
                    1 |  -.0189947     .00804    -2.36   0.018    -.0347527   -.0032367
                      |
        __ir#c.__exp |
                    1 |  -.0116808   .0067027    -1.74   0.081    -.0248179    .0014563
                      |
  __incompdec#c.__exp |
                    1 |  -.0069605   .0064664    -1.08   0.282    -.0196345    .0057134
                      |
     __civlib#c.__exp |
                    1 |   .0085788   .0062633     1.37   0.171    -.0036971    .0208547
                      |
      __hasac#c.__exp |
                    1 |  -.0036547   .0097747    -0.37   0.708    -.0228127    .0155033
                      |
             __j5dist |  -.0135505   .0296254    -0.46   0.647    -.0716152    .0445142
                      |
   __usptr#c.__j5dist |
                    1 |  -.3204383   .0653713    -4.90   0.000    -.4485637    -.192313
                      |
      __acc#c.__j5dist |
                    1 |   -.085245   .0346057    -2.46   0.014    -.1530709    -.017419
                      |
      __alc#c.__j5dist |
```

```
                     1  |   -.049058   .0295492    -1.66   0.097    -.1069733    .0088574
                        |
      __diss#c.__j5dist |
                     1  |   .1143511   .0338847     3.37   0.001     .0479383    .1807638
                        |
        __ir#c.__j5dist |
                     1  |    .032729     .02931     1.12   0.264    -.0247175    .0901755
                        |
__incompdec#c.__j5dist |
                     1  |   .0790506   .0318264     2.48   0.013     .0166719    .1414293
                        |
    __civlib#c.__j5dist |
                     1  |  -.0053692    .027834    -0.19   0.847    -.0599229    .0491845
                        |
     __hasac#c.__j5dist |
                     1  |   -.090253   .0456775    -1.98   0.048    -.1797792   -.0007268
                        |
                 __term |
                    68  |  -1.592068   .1355287   -11.75   0.000    -1.857699   -1.326436
                    82  |  -2.216366   .1385932   -15.99   0.000    -2.488004   -1.944729
                        |
                  _cons |  -2.652371   .1333392   -19.89   0.000    -2.913711   -2.391031
------------------------------------------------------------------------------------------

. est store m4

. cap drop m4_prvar

. predict m4_prvar
(option pr assumed; Pr(jbincert))
(234 missing values generated)

.
.
.
. *some postestimation:
. *cap drop m4_var-m4_secdiff_p
.
. *gen m4_var=""
. *gen m4_loxeffect=.
. *gen m4_hixeffect=.
. *gen m4_secdiff_p=.
.
.
.
.
.
. *sdcasepick version:
. foreach gvr of varlist __exp __j5dist{
  2.         est restore m4
  3.         cap drop m4_hcgv
  4.         summ `gvr' if e(sample)==1, det
  5.         gen m4_hcgv=0 if float(`gvr')==float(`r(p10)')
  6.         replace m4_hcgv=1 if float(`gvr')==float(`r(p90)')
  7.         local vlist __usptr __acc __alc __diss __ir  __civlib  __hasac __incompdec
  8.         *local n=1
.         foreach v of local vlist{
  9.                 *tsdce `v', groupvar(m4_hcgv) verb  max sec
.                sdcasepick `v', groupvar(m4_hcgv) sec prlb(.1) prub(.2) prvar(m4_prvar)
 10.         }
 11. }
(results m4 are active now)

                           __exp
-------------------------------------------------------------
      Percentiles      Smallest
 1%            0              0
```

```
 5%            0              0
10%            1              0       Obs              32,867
25%            6              0       Sum of wgt.      32,867

50%           12                      Mean           12.10612
                        Largest       Std. dev.      8.456125
75%           15             31
90%           26             31       Variance       71.50605
95%           29             31       Skewness       .5100885
99%           31             31       Kurtosis       2.643513
(33,312 missing values generated)
(2,060 real changes made)

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__usptr)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.501     0.054     9.347     0.000     0.396     0.606    95.000
     Group 1 |    0.300     0.055     5.417     0.000     0.191     0.408    95.000
    2nd Diff |   -0.201     0.070    -2.863     0.004    -0.339    -0.063    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 30090
Group==1: 5791
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __acc __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0000258237123489

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__acc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.461     0.042    10.972     0.000     0.378     0.543    95.000
     Group 1 |    0.344     0.038     8.971     0.000     0.269     0.419    95.000
    2nd Diff |   -0.117     0.048    -2.436     0.015    -0.211    -0.023    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 469
Group==1: 5791
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0000281929969788

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__alc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.039     0.016     2.371     0.018     0.007     0.071    95.000
     Group 1 |    0.089     0.019     4.697     0.000     0.052     0.126    95.000
    2nd Diff |    0.050     0.020     2.494     0.013     0.011     0.089    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 9427
Group==1: 34850
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .000350646674633
```

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__diss)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.107	0.031	3.450	0.001	0.046	0.168	95.000
Group 1	0.061	0.022	2.776	0.005	0.018	0.105	95.000
2nd Diff	-0.045	0.033	-1.394	0.163	-0.109	0.018	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 469
Group==1: 5791
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0000281929969788

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__ir)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.110	0.025	4.452	0.000	0.062	0.159	95.000
Group 1	0.077	0.019	4.066	0.000	0.040	0.114	95.000
2nd Diff	-0.034	0.026	-1.299	0.194	-0.084	0.017	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 18499
Group==1: 32728
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0002411007881165

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__civlib)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.026	0.016	1.596	0.110	-0.006	0.058	95.000
Group 1	0.052	0.015	3.552	0.000	0.023	0.081	95.000
2nd Diff	0.026	0.018	1.439	0.150	-0.010	0.062	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 29849
Group==1: 999
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __hasac __j5dist __term
Distance Between Obss: .0001341700553894

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__hasac)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.351	0.051	6.907	0.000	0.251	0.451	95.000
Group 1	0.285	0.051	5.634	0.000	0.186	0.385	95.000
2nd Diff	-0.066	0.065	-1.015	0.310	-0.192	0.061	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 1931
Group==1: 19781

```
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __civlib __j5dist __term
Distance Between Obss: .0001207590103149

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__incompdec)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.184     0.030     6.086     0.000     0.125     0.244    95.000
     Group 1 |    0.179     0.024     7.444     0.000     0.132     0.227    95.000
    2nd Diff |   -0.005     0.038    -0.129     0.897    -0.079     0.069    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 30090
Group==1: 5791
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __civlib __hasac __j5dist __term
Distance Between Obss: .0000258237123489
(results m4 are active now)

                          __j5dist
-------------------------------------------------------------
      Percentiles      Smallest
 1%     5.25e-09       5.25e-09
 5%     5.25e-09       5.25e-09
10%     4.10e-08       5.25e-09       Obs              32,867
25%         .443       5.25e-09       Sum of wgt.      32,867

50%        1.166                      Mean           1.603105
                        Largest       Std. dev.      1.564177
75%        2.069          6.292
90%        4.358          6.292       Variance       2.446649
95%        4.605          6.292       Skewness       1.270326
99%        6.292          6.292       Kurtosis       3.995597
(36,726 missing values generated)
(2,060 real changes made)

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__usptr)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.587     0.043    13.656     0.000     0.503     0.671    95.000
     Group 1 |    0.237     0.051     4.652     0.000     0.137     0.337    95.000
    2nd Diff |   -0.350     0.055    -6.373     0.000    -0.458    -0.242    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 170
Group==1: 1003
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __acc __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0001055896282196

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__acc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.498     0.035    14.110     0.000     0.429     0.567    95.000
     Group 1 |    0.369     0.036    10.237     0.000     0.298     0.439    95.000
    2nd Diff |   -0.130     0.034    -3.797     0.000    -0.196    -0.063    95.000
```

```
CLOSEST PAIR OF OBSERVATIONS

Group==0: 170
Group==1: 1003
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0001055896282196

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__alc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.042     0.018     2.325     0.020     0.007     0.077    95.000
     Group 1 |    0.049     0.015     3.196     0.001     0.019     0.080    95.000
    2nd Diff |    0.008     0.014     0.563     0.574    -0.020     0.036    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 399
Group==1: 1440
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0009890049695969

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__diss)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.075     0.025     3.050     0.002     0.027     0.123    95.000
     Group 1 |    0.114     0.028     4.128     0.000     0.060     0.168    95.000
    2nd Diff |    0.039     0.026     1.486     0.137    -0.012     0.090    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 399
Group==1: 12761
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0021077990531921

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__ir)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.110     0.025     4.452     0.000     0.062     0.159    95.000
     Group 1 |    0.106     0.021     4.983     0.000     0.065     0.148    95.000
    2nd Diff |   -0.004     0.027    -0.144     0.886    -0.057     0.049    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 18499
Group==1: 3909
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0001188814640045

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__civlib)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
```

```
-------------+------------------------------------------------------------------------------
Effect       |
     Group 0 |    0.035     0.022     1.600     0.110    -0.008     0.078    95.000
     Group 1 |    0.051     0.019     2.658     0.008     0.013     0.089    95.000
    2nd Diff |    0.016     0.018     0.915     0.360    -0.018     0.051    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 170
Group==1: 1003
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __hasac __j5dist __term
Distance Between Obss: .0001055896282196

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__hasac)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------------
Effect       |
     Group 0 |    0.344     0.061     5.614     0.000     0.224     0.465    95.000
     Group 1 |    0.239     0.038     6.366     0.000     0.166     0.313    95.000
    2nd Diff |   -0.105     0.061    -1.735     0.083    -0.224     0.014    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 838
Group==1: 1987
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __civlib __j5dist __term
Distance Between Obss: .0007826834917068

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__incompdec)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------------
Effect       |
     Group 0 |    0.179     0.028     6.467     0.000     0.125     0.233    95.000
     Group 1 |    0.237     0.030     7.817     0.000     0.178     0.296    95.000
    2nd Diff |    0.058     0.033     1.735     0.083    -0.008     0.123    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 170
Group==1: 1003
Group Variable: m4_hcgv
Distance (Prediction) Variable: m4_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __civlib __hasac __j5dist __term
Distance Between Obss: .0001055896282196

.
. *jackknife sdcasepick version:
.
.
.
. cap drop __jkvar __jkcvar __jksecd __jkp __jkz __jki

. gen __jkvar =""
(37,476 missing values generated)

. gen __jkcvar=""
(37,476 missing values generated)

. gen __jksecd=.
(37,476 missing values generated)
```

```
. gen __jkp=.
(37,476 missing values generated)

. gen __jkz=.
(37,476 missing values generated)

. gen __jki=.
(37,476 missing values generated)

.
.
. local n=1

. qui forvalues i=1/27{

.
.
. *find min sec-diff and max p-value, over jackknifed justices, for each var:
. sort __jkvar

. by __jkvar : summ __jksecd __jkp if __jkcvar=="__exp", det

-------------------------------------------------------------------------------------------------------
-> __jkvar =

                          __jksecd
-------------------------------------------------------------
no observations

                            __jkp
-------------------------------------------------------------
no observations

-------------------------------------------------------------------------------------------------------
-> __jkvar = __acc

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.1716134      -.1716134
 5%    -.1663298      -.1663298
10%    -.1645301      -.1645301       Obs                  27
25%    -.1464007      -.1537828       Sum of wgt.          27

50%    -.1362043                      Mean           -.1320995
                        Largest       Std. dev.       .0248157
75%    -.1229319       -.118796
90%    -.0970131      -.0970131       Variance        .0006158
95%    -.0887701      -.0887701       Skewness        1.393921
99%    -.0489779      -.0489779       Kurtosis        6.133457

                            __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0005721       .0005721
 5%     .0010777       .0010777
10%     .0016471       .0016471       Obs                  27
25%     .0035319       .0019229       Sum of wgt.          27

50%     .0077424                      Mean            .0294169
                        Largest       Std. dev.       .0671527
75%     .0189882       .0492057
90%     .0547849       .0547849       Variance        .0045095
95%     .1397709       .1397709       Skewness        3.827781
99%      .334767        .334767       Kurtosis        17.38029

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

```
-> __jkvar = __alc

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0423652       .0423652
 5%     .0425585       .0425585
10%     .0441521       .0441521       Obs                  27
25%     .0519468       .0483849       Sum of wgt.          27

50%     .0547529                      Mean           .0544285
                       Largest       Std. dev.      .0061362
75%     .0565665       .0630096
90%     .0637143       .0637143       Variance       .0000377
95%     .0644128       .0644128       Skewness      -.0783773
99%     .0662039       .0662039       Kurtosis       2.832696

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0011064       .0011064
 5%      .002335        .002335
10%     .0026799       .0026799       Obs                  27
25%      .005753       .0038885       Sum of wgt.          27

50%     .0105606                      Mean           .0140982
                       Largest       Std. dev.      .0120307
75%     .0231299       .0270997
90%     .0301004       .0301004       Variance       .0001447
95%     .0378377       .0378377       Skewness       1.505765
99%     .0519208       .0519208       Kurtosis       4.952327

-------------------------------------------------------------------------------------------------------
-> __jkvar = __civlib

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%      -.06382        -.06382
 5%     .0199418       .0199418
10%       .02015         .02015       Obs                  27
25%     .0247055       .0226062       Sum of wgt.          27

50%      .031356                      Mean           .0280019
                       Largest       Std. dev.      .0200992
75%     .0323019       .0403435
90%     .0425695       .0425695       Variance        .000404
95%      .049748        .049748       Skewness      -3.56079
99%     .0555112       .0555112       Kurtosis      17.61507

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0049155       .0049155
 5%     .0184998       .0184998
10%     .0186495       .0186495       Obs                  27
25%     .0876369       .0619082       Sum of wgt.          27

50%     .1444819                      Mean           .1496277
                       Largest       Std. dev.      .0824179
75%     .2179013       .2320206
90%     .2458603       .2458603       Variance       .0067927
95%     .2593155       .2593155       Skewness       .3215834
99%     .3634898       .3634898       Kurtosis       3.130286

-------------------------------------------------------------------------------------------------------
-> __jkvar = __diss
```

```
                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0465319      -.0465319
 5%    -.0438031      -.0438031
10%     -.041464       -.041464       Obs                  27
25%    -.0397212      -.0409163       Sum of wgt.          27

50%    -.0276575                      Mean           -.0289036
                        Largest       Std. dev.       .010214
75%    -.0199116      -.0180568
90%    -.0134602      -.0134602       Variance       .0001043
95%    -.0127875      -.0127875       Skewness      -.0352477
99%    -.0126596      -.0126596       Kurtosis       1.788755

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0970215       .0970215
 5%     .1233141       .1233141
10%     .1332705       .1332705       Obs                  27
25%     .2152195       .1627985       Sum of wgt.          27

50%      .338041                      Mean            .3529324
                        Largest       Std. dev.       .1708004
75%     .4687526       .5354429
90%     .6506793       .6506793       Variance       .0291728
95%     .6633064       .6633064       Skewness       .3507819
99%     .6870091       .6870091       Kurtosis       2.124606

-------------------------------------------------------------------------------------------------
-> __jkvar = __hasac

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.1415892      -.1415892
 5%    -.1228805      -.1228805
10%    -.1181837      -.1181837       Obs                  27
25%    -.0892577       -.096423       Sum of wgt.          27

50%    -.0753147                      Mean           -.0777827
                        Largest       Std. dev.       .0250461
75%    -.0647553      -.0504373
90%    -.0478893      -.0478893       Variance       .0006273
95%    -.0456326      -.0456326       Skewness      -.4371678
99%    -.0231252      -.0231252       Kurtosis       3.583765

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0475682       .0475682
 5%     .0475727       .0475727
10%     .0803359       .0803359       Obs                  27
25%     .1530145       .1310551       Sum of wgt.          27

50%      .270847                      Mean            .2664121
                        Largest       Std. dev.       .1516491
75%     .3315581        .446998
90%     .4823768       .4823768       Variance       .0229974
95%     .5063147       .5063147       Skewness        .908083
99%     .7117862       .7117862       Kurtosis       4.013888

-------------------------------------------------------------------------------------------------
-> __jkvar = __incompdec
```

```
                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0353473      -.0353473
 5%    -.0245611      -.0245611
10%    -.0147261      -.0147261       Obs                  27
25%    -.0095094      -.0128589       Sum of wgt.          27

50%     .0103542                      Mean           .0036308
                       Largest       Std. dev.      .0171938
75%     .0160511       .0189264
90%     .0199562       .0199562       Variance       .0002956
95%     .0236056       .0236056       Skewness      -.1174819
99%     .0426467       .0426467       Kurtosis       2.778066

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .2711481       .2711481
 5%     .3932365       .3932365
10%     .4551933       .4551933       Obs                  27
25%     .5900113       .4591219       Sum of wgt.          27

50%     .6934589                      Mean           .6756216
                       Largest       Std. dev.      .1546194
75%     .7798753       .8537458
90%     .8728244       .8728244       Variance       .0239071
95%     .8966233       .8966233       Skewness      -.7130921
99%     .9110447       .9110447       Kurtosis       3.290578

-------------------------------------------------------------------------------------------------------
-> __jkvar = __ir

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0554098      -.0554098
 5%    -.0492381      -.0492381
10%    -.0467311      -.0467311       Obs                  27
25%    -.0415149      -.0455186       Sum of wgt.          27

50%    -.0369965                      Mean          -.0364553
                       Largest       Std. dev.      .0110082
75%    -.0334116      -.0294431
90%    -.0286851      -.0286851       Variance       .0001212
95%    -.0284745      -.0284745       Skewness       2.470793
99%     .0090383       .0090383       Kurtosis       12.16501

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0887591       .0887591
 5%     .1018213       .1018213
10%     .1162881       .1162881       Obs                  27
25%     .1500593       .1254018       Sum of wgt.          27

50%     .1698669                      Mean           .2054509
                       Largest       Std. dev.      .1217352
75%     .2216447       .2767894
90%     .2803496       .2803496       Variance       .0148195
95%     .3110288       .3110288       Skewness       3.329234
99%     .7442153       .7442153       Kurtosis       15.44914

-------------------------------------------------------------------------------------------------------
-> __jkvar = __usptr

                          __jksecd
```

```
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.2983184      -.2983184
 5%    -.2874338      -.2874338
10%    -.2857377      -.2857377       Obs                  27
25%    -.2835607       -.284919       Sum of wgt.          27

50%    -.2552687                      Mean           -.2439884
                        Largest       Std. dev.       .0413449
75%     -.201268      -.1952932
90%    -.1951712      -.1951712       Variance        .0017094
95%     -.189425       -.189425       Skewness        .3110125
99%    -.1650769      -.1650769       Kurtosis        1.526999

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     3.20e-06       3.20e-06
 5%     4.71e-06       4.71e-06
10%     4.94e-06       4.94e-06       Obs                  27
25%     .0000166       9.43e-06       Sum of wgt.          27

50%     .0000604                      Mean            .0020786
                        Largest       Std. dev.       .0041678
75%     .0024872       .0040557
90%      .005507        .005507       Variance        .0000174
95%     .0085971       .0085971       Skewness        3.288768
99%     .0201186       .0201186       Kurtosis        14.31438


. by __jkvar : summ __jksecd __jkp if __jkcvar=="__j5dist", det

-------------------------------------------------------------------------------------------------------
-> __jkvar =

                         __jksecd
-------------------------------------------------------------
no observations

                           __jkp
-------------------------------------------------------------
no observations

-------------------------------------------------------------------------------------------------------
-> __jkvar = __acc

                         __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.1785574      -.1785574
 5%    -.1559686      -.1559686
10%    -.1480098      -.1480098       Obs                  27
25%    -.1383713      -.1469593       Sum of wgt.          27

50%     -.132446                      Mean           -.1311984
                        Largest       Std. dev.       .0241089
75%    -.1264122      -.1256756
90%    -.1217227      -.1217227       Variance        .0005812
95%    -.1203091      -.1203091       Skewness        2.857478
99%    -.0263382      -.0263382       Kurtosis        14.95882

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     6.80e-06       6.80e-06
 5%     8.81e-06       8.81e-06
10%     .0000381       .0000381       Obs                  27
```

```
25%     .0004069       .0001179       Sum of wgt.          27

50%     .0028307                      Mean           .0265915
                        Largest       Std. dev.      .1226136
75%     .0052932       .0066548
90%     .0075918       .0075918       Variance       .0150341
95%     .0087949       .0087949       Skewness       4.899382
99%     .6399772       .6399772       Kurtosis       25.01633

-------------------------------------------------------------------------------------------------------
-> __jkvar = __alc

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0171691      -.0171691
 5%    -.0025212      -.0025212
10%     .0022056       .0022056       Obs                 27
25%     .0066932       .0060469       Sum of wgt.         27

50%     .0083883                      Mean           .0080097
                        Largest       Std. dev.      .0068545
75%     .0104637       .0126733
90%     .0155045       .0155045       Variance        .000047
95%     .0178937       .0178937       Skewness      -1.515125
99%     .0229202       .0229202       Kurtosis       8.653537

                            __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%      .171436        .171436
 5%     .2053156       .2053156
10%     .3230225       .3230225       Obs                 27
25%     .5243848       .3411551       Sum of wgt.         27

50%     .5850275                      Mean           .5592452
                        Largest       Std. dev.      .1631463
75%     .6482083       .6710758
90%      .684901        .684901       Variance       .0266167
95%     .8708881       .8708881       Skewness       -.537147
99%      .881488        .881488       Kurtosis       3.678631

-------------------------------------------------------------------------------------------------------
-> __jkvar = __civlib

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0662601      -.0662601
 5%     .0040142       .0040142
10%     .0084789       .0084789       Obs                 27
25%     .0111342       .0088806       Sum of wgt.         27

50%     .0145519                      Mean            .013494
                        Largest       Std. dev.      .0176667
75%     .0189215       .0263466
90%     .0268055       .0268055       Variance       .0003121
95%     .0271059       .0271059       Skewness      -3.398295
99%     .0410967       .0410967       Kurtosis       16.87744

                            __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0005212       .0005212
 5%     .0485164       .0485164
10%     .0509577       .0509577       Obs                 27
25%      .221143       .0519773       Sum of wgt.         27
```

```
50%     .3799502                    Mean           .3467012
                        Largest     Std. dev.      .1883568
75%     .4398676        .5561827
90%     .5578854        .5578854    Variance       .0354783
95%     .6199304        .6199304    Skewness       -.110029
99%     .7824111        .7824111    Kurtosis       2.873054

-------------------------------------------------------------------------------------------------
-> __jkvar = __diss

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0255928       .0255928
 5%     .0385115       .0385115
10%     .0387367       .0387367    Obs                  27
25%     .0416387       .0396799    Sum of wgt.          27

50%     .0452342                    Mean           .0453233
                        Largest     Std. dev.      .0063576
75%     .0500399        .0504404
90%     .0515975        .0515975    Variance       .0000404
95%     .0519226        .0519226    Skewness      -.7212207
99%     .0595026        .0595026    Kurtosis       5.022525

                            __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0507379       .0507379
 5%     .0847979       .0847979
10%     .0879666       .0879666    Obs                  27
25%     .0998504       .0896789    Sum of wgt.          27

50%     .1211778                    Mean           .1314937
                        Largest     Std. dev.      .0743673
75%     .1402274        .1438318
90%     .1898616        .1898616    Variance       .0055305
95%      .203005         .203005    Skewness       3.615465
99%     .4689348        .4689348    Kurtosis       17.06239

-------------------------------------------------------------------------------------------------
-> __jkvar = __hasac

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.2048537      -.2048537
 5%    -.1269549      -.1269549
10%    -.1197019      -.1197019    Obs                  27
25%    -.1116671      -.1159642    Sum of wgt.          27

50%     -.109043                    Mean          -.1074825
                        Largest     Std. dev.      .0247561
75%    -.1022574      -.0842271
90%    -.0733494      -.0733494    Variance       .0006129
95%    -.0678213      -.0678213    Skewness      -1.840364
99%    -.0604904      -.0604904    Kurtosis       10.53788

                            __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0012448       .0012448
 5%     .0320163       .0320163
10%     .0356791       .0356791    Obs                  27
25%     .0403956       .0361506    Sum of wgt.          27
```

```
50%       .06239                      Mean           .0854667
                        Largest       Std. dev.      .0777212
75%     .0823596       .2257764
90%     .2282443       .2282443       Variance       .0060406
95%     .2565287       .2565287       Skewness       1.894389
99%      .324089        .324089       Kurtosis       5.467998

-------------------------------------------------------------------------------------------------------
-> __jkvar = __incompdec

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0141017      -.0141017
 5%     .0025771       .0025771
10%     .0386073       .0386073       Obs                  27
25%     .0523816        .046537       Sum of wgt.          27

50%     .0546305                      Mean           .0538763
                        Largest       Std. dev.      .0233942
75%     .0589151       .0630244
90%     .0643066       .0643066       Variance       .0005473
95%     .0701178       .0701178       Skewness       .0432667
99%     .1310517       .1310517       Kurtosis       8.522437

                            __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0004834       .0004834
 5%     .0534951       .0534951
10%     .0537309       .0537309       Obs                  27
25%     .0720992       .0550614       Sum of wgt.          27

50%     .1160674                      Mean           .1597117
                        Largest       Std. dev.      .2005984
75%     .1393601       .1585676
90%      .244289        .244289       Variance       .0402397
95%     .7109219       .7109219       Skewness       3.115931
99%     .9456034       .9456034       Kurtosis       11.72064

-------------------------------------------------------------------------------------------------------
-> __jkvar = __ir

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0331513      -.0331513
 5%     -.013687       -.013687
10%    -.0128068      -.0128068       Obs                  27
25%    -.0074619      -.0118764       Sum of wgt.          27

50%    -.0036968                      Mean          -.0025674
                        Largest       Std. dev.      .0154355
75%    -.0013706       .0016729
90%     .0045381       .0045381       Variance       .0002383
95%     .0110548       .0110548       Skewness       2.914585
99%     .0646007       .0646007       Kurtosis       14.98954

                            __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     .0592654       .0592654
 5%     .2158774       .2158774
10%     .6237814       .6237814       Obs                  27
25%     .7471952       .6445903       Sum of wgt.          27

50%     .8476759                      Mean           .7837961
```

```
                        Largest       Std. dev.      .2131276
75%      .911705        .9501994
90%     .9553452        .9553452       Variance       .0454234
95%     .9674357        .9674357       Skewness      -2.163309
99%      .990751         .990751       Kurtosis        7.49831

-------------------------------------------------------------------------------------------------
-> __jkvar = __usptr

                          __jksecd
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.3756517      -.3756517
 5%    -.3710429      -.3710429
10%    -.3707699      -.3707699       Obs                  27
25%    -.3655879      -.3692899       Sum of wgt.          27

50%    -.3587517                      Mean           -.3545944
                        Largest       Std. dev.      .0157182
75%    -.3472155       -.337946
90%    -.3326037      -.3326037       Variance       .0002471
95%    -.3321518      -.3321518       Skewness       1.477042
99%    -.3022145      -.3022145       Kurtosis       5.671052

                           __jkp
-------------------------------------------------------------
      Percentiles      Smallest
 1%     1.00e-10       1.00e-10
 5%     1.63e-10       1.63e-10
10%     2.18e-10       2.18e-10       Obs                  27
25%     4.10e-10       2.40e-10       Sum of wgt.          27

50%     8.18e-10                      Mean            2.85e-06
                        Largest       Std. dev.      .0000143
75%     7.25e-09       1.58e-08
90%     2.68e-08       2.68e-08       Variance       2.06e-10
95%     2.39e-06       2.39e-06       Skewness       4.894927
99%     .0000746       .0000746       Kurtosis       24.98731


.

. cap drop __jkvar __jkcvar __jksecd __jkp __jkz __jki

.
.
.
.
. **Robustness checks mentioned in fn:
. *multiway clustering:
.
. vcemway logit jbincert c.__exp##(__usptr __acc __alc  __diss __ir  __incompdec  __civlib __hasac
> ) ///
> c.__j5dist##(__usptr __acc __alc  __diss __ir  __incompdec  __civlib __hasac)  i.__term ///
> if (aot==39 & u_ifp ==0 & u_ca==1) | __term==68  | __term==82  ,nolog cluster(__dncat jid)

Logistic regression                                     Number of obs =  32,867
                                                        Wald chi2(28) = 1214.26
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -7546.6718                       Pseudo R2     =  0.3095

                                      (Std. err. adjusted for clustering on __dncat jid)
------------------------------------------------------------------------------
             |               Robust
    jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
       __exp |  -.0007371   .0062316    -0.12   0.906    -.0129508    .0114766
```

```
              0.__usptr |          0   1.16e-10     0.00   1.000    -2.28e-10    2.28e-10
              1.__usptr |   2.730871   .2649166    10.31   0.000     2.211644    3.250098
                0.__acc |          0   2.38e-10     0.00   1.000    -4.67e-10    4.67e-10
                1.__acc |   2.297534   .2415983     9.51   0.000      1.82401    2.771057
                0.__alc |          0   7.24e-10     0.00   1.000    -1.42e-09    1.42e-09
                1.__alc |   .3093279   .1339873     2.31   0.021     .0467176    .5719382
               0.__diss |          0   4.73e-10     0.00   1.000    -9.27e-10    9.27e-10
               1.__diss |   .5667979   .1562676     3.63   0.000      .260519    .8730767
                 0.__ir |          0   6.90e-11     0.00   1.000    -1.35e-10    1.35e-10
                 1.__ir |   .7523984   .1367608     5.50   0.000     .4843522    1.020445
         0.__incompdec |          0   2.30e-10     0.00   1.000    -4.52e-10    4.52e-10
         1.__incompdec |   .9683726   .1755264     5.52   0.000     .6243473    1.312398
            0.__civlib |          0   2.00e-10     0.00   1.000    -3.91e-10    3.91e-10
            1.__civlib |   .2214579   .2257648     0.98   0.327     -.221033    .6639488
             0.__hasac |          0   4.21e-11     0.00   1.000    -8.26e-11    8.26e-11
             1.__hasac |   1.920464   .2067848     9.29   0.000     1.515173    2.325755
                       |
       __usptr#c.__exp |
                     0 |          0   5.99e-11     0.00   1.000    -1.17e-10    1.17e-10
                     1 |  -.0083031   .0134655    -0.62   0.537     -.034695    .0180887
                       |
         __acc#c.__exp |
                     0 |          0   3.84e-11     0.00   1.000    -7.52e-11    7.52e-11
                     1 |  -.0124008   .0150529    -0.82   0.410     -.041904    .0171024
                       |
         __alc#c.__exp |
                     0 |          0   7.28e-12     0.00   1.000    -1.43e-11    1.43e-11
                     1 |   .0190818   .0085942     2.22   0.026     .0022375     .035926
                       |
        __diss#c.__exp |
                     0 |          0   2.44e-12     0.00   1.000    -4.79e-12    4.79e-12
                     1 |  -.0189947   .0070472    -2.70   0.007     -.032807   -.0051823
                       |
          __ir#c.__exp |
                     0 |          0   2.41e-11     0.00   1.000    -4.73e-11    4.73e-11
                     1 |  -.0116808   .0069719    -1.68   0.094    -.0253454    .0019838
                       |
  __incompdec#c.__exp |
                     0 |          0   2.61e-11     0.00   1.000    -5.11e-11    5.11e-11
                     1 |  -.0069605   .0104516    -0.67   0.505    -.0274453    .0135242
                       |
       __civlib#c.__exp |
                     0 |          0   4.53e-18     0.00   1.000    -8.88e-18    8.88e-18
                     1 |   .0085788   .0117068     0.73   0.464    -.0143662    .0315238
                       |
        __hasac#c.__exp |
                     0 |          0   2.43e-18     0.00   1.000    -4.76e-18    4.76e-18
                     1 |  -.0036547   .0149276    -0.24   0.807    -.0329122    .0256027
                       |
              __j5dist |  -.0135505    .050238    -0.27   0.787    -.1120153    .0849142
                       |
    __usptr#c.__j5dist |
                     0 |          0   8.60e-19     0.00   1.000    -1.69e-18    1.69e-18
                     1 |  -.3204383   .0616184    -5.20   0.000    -.4412082   -.1996685
                       |
      __acc#c.__j5dist |
                     0 |          0   6.23e-20     0.00   1.000    -1.22e-19    1.22e-19
                     1 |   -.085245   .0768327    -1.11   0.267    -.2358344    .0653444
                       |
      __alc#c.__j5dist |
                     0 |          0   1.69e-20     0.00   1.000    -3.31e-20    3.31e-20
                     1 |   -.049058   .0426301    -1.15   0.250    -.1326114    .0344955
                       |
     __diss#c.__j5dist |
                     0 |          0   2.75e-20     0.00   1.000    -5.39e-20    5.39e-20
                     1 |   .1143511   .0225902     5.06   0.000     .0700751     .158627
                       |
```

```
        __ir#c.__j5dist |
                      0 |          0   2.34e-19     0.00   1.000    -4.58e-19    4.58e-19
                      1 |    .032729   .0536273     0.61   0.542    -.0723785    .1378365
                        |
__incompdec#c.__j5dist |
                      0 |          0   2.85e-31     0.00   1.000    -5.59e-31    5.59e-31
                      1 |   .0790506   .0848917     0.93   0.352    -.0873341    .2454352
                        |
    __civlib#c.__j5dist |
                      0 |          0   9.85e-32     0.00   1.000    -1.93e-31    1.93e-31
                      1 |  -.0053692    .080357    -0.07   0.947     -.162866    .1521275
                        |
     __hasac#c.__j5dist |
                      0 |          0   9.27e-34     0.00   1.000    -1.82e-33    1.82e-33
                      1 |   -.090253   .1032262    -0.87   0.382    -.2925727    .1120667
                        |
                 __term |
                     39 |          0   1.79e-33     0.00   1.000    -3.52e-33    3.52e-33
                     68 |  -1.592068   .1481628   -10.75   0.000    -1.882461   -1.301674
                     82 |  -2.216366   .2136682   -10.37   0.000    -2.635148   -1.797584
                        |
                  _cons |  -2.652371   .1455346   -18.23   0.000    -2.937614   -2.367129
------------------------------------------------------------------------------------------
Notes:
    Std. Err. adjusted for 2-way clustering on __dncat jid
      Number of clusters in __dncat      = 3740
      Number of clusters in jid          = 27

    Stata's default small-cluster correction factors have been applied. See vcemway for detail.

    chi2() and Prob > chi2 above only account for one-way clustering on __dncat.
      Use test to compute chi2() and Prob > chi2 that account for 2-way clustering.

. est store m4djc  //for docket/justice clustering

. cap drop m4djc_prvar

. predict m4djc_prvar
(option pr assumed; Pr(jbincert))
(234 missing values generated)

.
. foreach gvr of varlist __exp __j5dist{
  2. est restore m4djc
  3. cap drop m4djc_hcgv
  4. summ `gvr' if e(sample)==1, det
  5. gen m4djc_hcgv=0 if float(`gvr')==float(`r(p10)')
  6. replace m4djc_hcgv=1 if float(`gvr')==float(`r(p90)')
  7. local vlist __usptr __acc __alc __diss __ir  __civlib  __hasac __incompdec
  8. *local n=1
. foreach v of local vlist{
  9.         *tsdce `v', groupvar(m4djc_hcgv) verb  max sec
.         sdcasepick `v', groupvar(m4djc_hcgv) sec prlb(.1) prub(.2) prvar(m4djc_prvar)
 10. }
 11. }
(results m4djc are active now)

                           __exp
-------------------------------------------------------------
      Percentiles      Smallest
 1%            0              0
 5%            0              0
10%            1              0       Obs              32,867
25%            6              0       Sum of wgt.      32,867

50%           12                      Mean           12.10612
                        Largest       Std. dev.      8.456125
```

```
75%           15             31
90%           26             31       Variance       71.50605
95%           29             31       Skewness       .5100885
99%           31             31       Kurtosis       2.643513
(33,312 missing values generated)
(2,060 real changes made)

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__usptr)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------
Effect       |
     Group 0 |    0.501     0.064     7.873     0.000     0.376     0.626    95.000
     Group 1 |    0.300     0.061     4.932     0.000     0.181     0.419    95.000
    2nd Diff |   -0.201     0.073    -2.769     0.006    -0.343    -0.059    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 26472
Group==1: 6721
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __acc __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0000258237123489

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__acc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------
Effect       |
     Group 0 |    0.461     0.063     7.289     0.000     0.337     0.584    95.000
     Group 1 |    0.344     0.067     5.165     0.000     0.213     0.474    95.000
    2nd Diff |   -0.117     0.090    -1.294     0.196    -0.294     0.060    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 164
Group==1: 6721
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0000281929969788

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__alc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------
Effect       |
     Group 0 |    0.039     0.016     2.488     0.013     0.008     0.070    95.000
     Group 1 |    0.089     0.035     2.533     0.011     0.020     0.158    95.000
    2nd Diff |    0.050     0.039     1.282     0.200    -0.026     0.126    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 7190
Group==1: 14331
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .000350646674633

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__diss)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------
Effect       |
     Group 0 |    0.107     0.032     3.329     0.001     0.044     0.170    95.000
```

```
     Group 1 |    0.061     0.025     2.472     0.013     0.013     0.110    95.000
    2nd Diff |   -0.045     0.034    -1.347     0.178    -0.112     0.021    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 164
Group==1: 6721
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0000281929969788

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__ir)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.110     0.025     4.348     0.000     0.061     0.160    95.000
     Group 1 |    0.077     0.026     2.913     0.004     0.025     0.129    95.000
    2nd Diff |   -0.034     0.035    -0.957     0.338    -0.102     0.035    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 16596
Group==1: 20492
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0002411007881165

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__civlib)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.026     0.027     0.964     0.335    -0.027     0.079    95.000
     Group 1 |    0.052     0.026     1.978     0.048     0.000     0.104    95.000
    2nd Diff |    0.026     0.041     0.644     0.520    -0.054     0.106    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 12065
Group==1: 18823
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __hasac __j5dist __term
Distance Between Obss: .0001341700553894

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__hasac)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.351     0.072     4.885     0.000     0.210     0.492    95.000
     Group 1 |    0.285     0.072     3.977     0.000     0.145     0.426    95.000
    2nd Diff |   -0.066     0.093    -0.702     0.482    -0.249     0.117    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 406
Group==1: 31668
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __civlib __j5dist __term
Distance Between Obss: .0001207590103149

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__incompdec)
```

```
             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------
Effect       |
     Group 0 |    0.184     0.045     4.112     0.000     0.096     0.272    95.000
     Group 1 |    0.179     0.067     2.677     0.007     0.048     0.311    95.000
    2nd Diff |   -0.005     0.069    -0.071     0.944    -0.141     0.131    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 26472
Group==1: 6721
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __civlib __hasac __j5dist __term
Distance Between Obss: .0000258237123489
(results m4djc are active now)

                          __j5dist
-------------------------------------------------------------
      Percentiles      Smallest
 1%     5.25e-09       5.25e-09
 5%     5.25e-09       5.25e-09
10%     4.10e-08       5.25e-09       Obs              32,867
25%         .443       5.25e-09       Sum of wgt.      32,867

50%        1.166                      Mean           1.603105
                      Largest        Std. dev.      1.564177
75%        2.069          6.292
90%        4.358          6.292       Variance       2.446649
95%        4.605          6.292       Skewness       1.270326
99%        6.292          6.292       Kurtosis       3.995597
(36,726 missing values generated)
(2,060 real changes made)

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__usptr)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------
Effect       |
     Group 0 |    0.587     0.048    12.255     0.000     0.493     0.681    95.000
     Group 1 |    0.237     0.074     3.185     0.001     0.091     0.383    95.000
    2nd Diff |   -0.350     0.074    -4.700     0.000    -0.496    -0.204    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 3107
Group==1: 3786
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __acc __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0001055896282196

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__acc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------
Effect       |
     Group 0 |    0.498     0.054     9.159     0.000     0.392     0.605    95.000
     Group 1 |    0.369     0.074     5.005     0.000     0.224     0.513    95.000
    2nd Diff |   -0.130     0.093    -1.393     0.163    -0.312     0.053    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 3107
Group==1: 3786
Group Variable: m4djc_hcgv
```

```
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __alc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0001055896282196

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__alc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.042     0.017     2.378     0.017     0.007     0.076    95.000
     Group 1 |    0.049     0.031     1.585     0.113    -0.012     0.111    95.000
    2nd Diff |    0.008     0.032     0.249     0.803    -0.055     0.071    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 1806
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __diss __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0009890049695969

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__diss)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.075     0.025     2.936     0.003     0.025     0.125    95.000
     Group 1 |    0.114     0.044     2.602     0.009     0.028     0.199    95.000
    2nd Diff |    0.039     0.042     0.920     0.358    -0.044     0.122    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 5487
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __ir __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0021077990531921

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__ir)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.110     0.025     4.348     0.000     0.061     0.160    95.000
     Group 1 |    0.106     0.058     1.825     0.068    -0.008     0.221    95.000
    2nd Diff |   -0.004     0.065    -0.060     0.952    -0.132     0.124    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 16596
Group==1: 207
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __incompdec __civlib __hasac __j5dist __term
Distance Between Obss: .0001188814640045

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__civlib)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.035     0.035     0.995     0.320    -0.034     0.104    95.000
     Group 1 |    0.051     0.049     1.044     0.296    -0.045     0.147    95.000
    2nd Diff |    0.016     0.061     0.265     0.791    -0.104     0.136    95.000
```

```
CLOSEST PAIR OF OBSERVATIONS

Group==0: 3107
Group==1: 3786
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __hasac __j5dist __term
Distance Between Obss: .0001055896282196

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__hasac)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.344     0.059     5.830     0.000     0.229     0.460    95.000
     Group 1 |    0.239     0.090     2.646     0.008     0.062     0.417    95.000
    2nd Diff |   -0.105     0.113    -0.934     0.350    -0.326     0.116    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 2505
Group==1: 1128
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __incompdec __civlib __j5dist __term
Distance Between Obss: .0007826834917068

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__incompdec)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.179     0.034     5.310     0.000     0.113     0.245    95.000
     Group 1 |    0.237     0.095     2.484     0.013     0.050     0.424    95.000
    2nd Diff |    0.058     0.098     0.588     0.556    -0.135     0.251    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 3107
Group==1: 3786
Group Variable: m4djc_hcgv
Distance (Prediction) Variable: m4djc_prvar
Rhs Vars: __exp __usptr __acc __alc __diss __ir __civlib __hasac __j5dist __term
Distance Between Obss: .0001055896282196

.
.
.
. **rank-based version of experience/extremism
. est restore m4
(results m4 are active now)

. tempvar tv1 tv2 tv3

. egen `tv1'=tag(jid) if e(sample)==1

. egen `tv2'=rank(__exp) if `tv1'==1
(37,449 missing values generated)

. egen `tv3'=rank(__j5dist) if `tv1'==1
(37,449 missing values generated)

. summ `tv2' `tv3'

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
    __000001 |         27          14    7.922704          2         27
```

```
     __000002 |         27          14    7.937254          1         27
```

```
. egen __rkexp=mode(`tv2') if e(sample)==1 ,by(jid)
(4,609 missing values generated)

. egen __rkj5dist=mode(`tv3') if e(sample)==1, by(jid)
(4,609 missing values generated)

.
.
. logit jbincert c.__rkexp##(__usptr __acc __alc  __diss __ir  __incompdec  __civlib __hasac ) ///
> c.__rkj5dist##(__usptr __acc __alc  __diss __ir  __incompdec  __civlib __hasac)  i.__term ///
> if jid !=12 & ((aot==39 & u_ifp ==0 & u_ca==1) | __term==68  | __term==82)  ,nolog cluster(__dnca
> t)

Logistic regression                                     Number of obs =  31,747
                                                        Wald chi2(28) = 1271.38
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -7171.6294                       Pseudo R2     =  0.3176

                                          (Std. err. adjusted for 3,739 clusters in __dncat)
------------------------------------------------------------------------------------------
                         |               Robust
                 jbincert | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-------------------------+----------------------------------------------------------------
                   __rkexp |  -.0036462   .0058218    -0.63   0.531    -.0150567    .0077642
                 1.__usptr |   2.955072   .3211422     9.20   0.000     2.325645    3.584499
                   1.__acc |   2.226694   .1959667    11.36   0.000     1.842606    2.610781
                   1.__alc |   .4001444   .1562765     2.56   0.010      .093848    .7064408
                  1.__diss |   .5920309   .1929687     3.07   0.002     .2138192    .9702425
                    1.__ir |   .6162975   .1536951     4.01   0.000     .3150607    .9175344
            1.__incompdec |   1.097763    .157915     6.95   0.000     .7882554    1.407271
               1.__civlib |   .5192807    .161639     3.21   0.001     .2024741    .8360874
                1.__hasac |   2.076781   .2929593     7.09   0.000     1.502591    2.650971
                         |
        __usptr#c.__rkexp |
                       1  |  -.0157436   .0120607    -1.31   0.192    -.0393821    .0078949
                         |
          __acc#c.__rkexp |
                       1  |  -.0034664   .0082467    -0.42   0.674    -.0196295    .0126968
                         |
          __alc#c.__rkexp |
                       1  |   .0152776   .0063042     2.42   0.015     .0029215    .0276336
                         |
         __diss#c.__rkexp |
                       1  |  -.0186497   .0082393    -2.26   0.024    -.0347985    -.002501
                         |
           __ir#c.__rkexp |
                       1  |  -.0081854   .0066804    -1.23   0.220    -.0212788     .004908
                         |
    __incompdec#c.__rkexp |
                       1  |  -.0017542   .0065968    -0.27   0.790    -.0146836    .0111752
                         |
       __civlib#c.__rkexp |
                       1  |   .0032303   .0067951     0.48   0.635     -.010088    .0165485
                         |
        __hasac#c.__rkexp |
                       1  |  -.0086695   .0112842    -0.77   0.442    -.0307861    .0134471
                         |
                __rkj5dist |   .0083798   .0054192     1.55   0.122    -.0022417    .0190013
                         |
     __usptr#c.__rkj5dist |
                       1  |   -.040045   .0130503    -3.07   0.002    -.0656232   -.0144668
                         |
       __acc#c.__rkj5dist |
                       1  |  -.0077213   .0082229    -0.94   0.348    -.0238378    .0083952
                         |
```

```
        __alc#c.__rkj5dist |
                         1 |  -.0134102   .0063505    -2.11   0.035    -.0258569   -.0009634
                           |
       __diss#c.__rkj5dist |
                         1 |   .0132762   .0082294     1.61   0.107    -.0028532    .0294056
                           |
         __ir#c.__rkj5dist |
                         1 |   .0136531   .0062392     2.19   0.029     .0014245    .0258816
                           |
__incompdec#c.__rkj5dist |
                         1 |  -.0063677   .0064475    -0.99   0.323    -.0190046    .0062692
                           |
     __civlib#c.__rkj5dist |
                         1 |  -.0240473   .0064912    -3.70   0.000    -.0367699   -.0113247
                           |
      __hasac#c.__rkj5dist |
                         1 |  -.0166453   .0096482    -1.73   0.084    -.0355554    .0022648
                           |
                    __term |
                        68 |  -1.638991   .1400266   -11.70   0.000    -1.913439   -1.364544
                        82 |  -2.146148   .1382426   -15.52   0.000    -2.417099   -1.875198
                           |
                     _cons |  -2.736471   .1501038   -18.23   0.000     -3.03067   -2.442273
------------------------------------------------------------------------------------------

. est store m4r

. cap drop m4r_prvar

. predict m4r_prvar
(option pr assumed; Pr(jbincert))
(4,609 missing values generated)

.
.
.
. foreach gvr of varlist __rkexp __rkj5dist{
  2. est restore m4r
  3. cap drop m4r_hcgv
  4. summ `gvr' if e(sample)==1, det
  5. gen m4r_hcgv=0 if float(`gvr')==float(`r(p10)')
  6. replace m4r_hcgv=1 if float(`gvr')==float(`r(p90)')
  7. local vlist __usptr __acc __alc __diss __ir  __civlib  __hasac __incompdec
  8. *local n=1
. foreach v of local vlist{
  9.         *tsdce `v', groupvar(m4_hcgv) verb  max sec
.         sdcasepick `v', groupvar(m4r_hcgv) sec prlb(.1) prub(.2) prvar(m4r_prvar)
 10. }
 11. }
(results m4r are active now)

                          __rkexp
-------------------------------------------------------------
      Percentiles      Smallest
 1%            2              2
 5%            2              2
10%            5              2       Obs                31,747
25%            9              2       Sum of wgt.        31,747

50%         15.5                      Mean             14.5257
                       Largest       Std. dev.        7.032241
75%         20.5             27
90%           24             27       Variance         49.45242
95%           25             27       Skewness        -.0610466
99%           27             27       Kurtosis         1.977579
(33,817 missing values generated)
(738 real changes made)
```

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__usptr)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.538	0.064	8.388	0.000	0.413	0.664	95.000
Group 1	0.251	0.056	4.527	0.000	0.143	0.360	95.000
2nd Diff	-0.287	0.081	-3.561	0.000	-0.445	-0.129	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 7190
Group==1: 1776
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __acc __alc __diss __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .000163622200489

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__acc)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.408	0.048	8.514	0.000	0.314	0.502	95.000
Group 1	0.349	0.046	7.634	0.000	0.260	0.439	95.000
2nd Diff	-0.059	0.058	-1.013	0.311	-0.173	0.055	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 7190
Group==1: 1776
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __alc __diss __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .000163622200489

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__alc)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.048	0.017	2.870	0.004	0.015	0.081	95.000
Group 1	0.047	0.016	3.025	0.002	0.017	0.078	95.000
2nd Diff	-0.001	0.018	-0.037	0.970	-0.037	0.035	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 7190
Group==1: 1776
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __diss __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .000163622200489

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__diss)

	effect	se	zvalue	pvalue	ll	ul	lvl
Effect							
Group 0	0.106	0.032	3.364	0.001	0.044	0.168	95.000
Group 1	0.073	0.026	2.814	0.005	0.022	0.124	95.000
2nd Diff	-0.033	0.030	-1.089	0.276	-0.092	0.026	95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 15738

```
Group==1: 1021
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .0001788884401321

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__ir)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.122     0.028     4.425     0.000     0.068     0.176    95.000
     Group 1 |    0.126     0.024     5.164     0.000     0.078     0.174    95.000
    2nd Diff |    0.004     0.028     0.159     0.873    -0.050     0.059    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 15738
Group==1: 1021
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __diss __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .0001788884401321

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__civlib)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.050     0.017     2.861     0.004     0.016     0.084    95.000
     Group 1 |   -0.003     0.012    -0.231     0.817    -0.026     0.020    95.000
    2nd Diff |   -0.053     0.018    -2.905     0.004    -0.088    -0.017    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 7190
Group==1: 1776
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __diss __ir __incompdec __hasac __rkj5dist __term
Distance Between Obss: .000163622200489

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__hasac)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.355     0.066     5.388     0.000     0.226     0.485    95.000
     Group 1 |    0.229     0.043     5.279     0.000     0.144     0.314    95.000
    2nd Diff |   -0.127     0.074    -1.708     0.088    -0.272     0.019    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 7190
Group==1: 1776
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __diss __ir __incompdec __civlib __rkj5dist __term
Distance Between Obss: .000163622200489

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__incompdec)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.179     0.028     6.472     0.000     0.125     0.233    95.000
     Group 1 |    0.154     0.023     6.546     0.000     0.108     0.200    95.000
```

```
    2nd Diff |   -0.025     0.033    -0.775     0.438    -0.090     0.039    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 18102
Group==1: 11610
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __diss __ir __civlib __hasac __rkj5dist __term
Distance Between Obss: .0001773238182068
(results m4r are active now)

                          __rkj5dist
-------------------------------------------------------------
      Percentiles      Smallest
 1%            1              1
 5%            1              1
10%            3              1       Obs              31,747
25%            8              1       Sum of wgt.      31,747

50%           13                      Mean           13.72369
                        Largest       Std. dev.      7.497071
75%           20             26
90%           24             26       Variance       56.20608
95%           25             26       Skewness      -.0403564
99%           26             26       Kurtosis       1.904775
(36,738 missing values generated)
(1,867 real changes made)

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__usptr)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.590     0.051    11.651     0.000     0.491     0.689    95.000
     Group 1 |    0.374     0.050     7.401     0.000     0.275     0.473    95.000
    2nd Diff |   -0.216     0.060    -3.594     0.000    -0.334    -0.098    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 291
Group==1: 8966
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __acc __alc __diss __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .0036998689174652

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__acc)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.410     0.051     8.029     0.000     0.310     0.511    95.000
     Group 1 |    0.362     0.052     6.965     0.000     0.260     0.464    95.000
    2nd Diff |   -0.048     0.059    -0.824     0.410    -0.163     0.066    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 33922
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __alc __diss __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .0002472773194313

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__alc)
```

```
             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.050     0.017     2.856     0.004     0.016     0.084    95.000
     Group 1 |    0.031     0.014     2.180     0.029     0.003     0.058    95.000
    2nd Diff |   -0.019     0.015    -1.296     0.195    -0.048     0.010    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 33922
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __diss __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .0002472773194313

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__diss)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.064     0.023     2.774     0.006     0.019     0.109    95.000
     Group 1 |    0.081     0.024     3.375     0.001     0.034     0.129    95.000
    2nd Diff |    0.018     0.025     0.708     0.479    -0.031     0.066    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 33922
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __ir __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .0002472773194313

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__ir)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.095     0.023     4.106     0.000     0.050     0.141    95.000
     Group 1 |    0.137     0.026     5.252     0.000     0.086     0.188    95.000
    2nd Diff |    0.042     0.028     1.519     0.129    -0.012     0.096    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 3439
Group==1: 36191
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __diss __incompdec __civlib __hasac __rkj5dist __term
Distance Between Obss: .0003850013017654

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__civlib)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.053     0.020     2.680     0.007     0.014     0.092    95.000
     Group 1 |   -0.001     0.012    -0.112     0.911    -0.025     0.022    95.000
    2nd Diff |   -0.055     0.017    -3.178     0.001    -0.088    -0.021    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 33922
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
```

```
Rhs Vars: __rkexp __usptr __acc __alc __diss __ir __incompdec __hasac __rkj5dist __term
Distance Between Obss: .0002472773194313

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__hasac)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.360     0.068     5.290     0.000     0.226     0.493    95.000
     Group 1 |    0.257     0.048     5.379     0.000     0.163     0.351    95.000
    2nd Diff |   -0.103     0.065    -1.571     0.116    -0.231     0.025    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 33922
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __diss __ir __incompdec __civlib __rkj5dist __term
Distance Between Obss: .0002472773194313

EFFECT SIZES BY GROUP AND SECOND DIFFERENCE (__incompdec)

             |   effect        se    zvalue    pvalue        ll        ul       lvl
-------------+------------------------------------------------------------------------
Effect       |
     Group 0 |    0.153     0.024     6.470     0.000     0.106     0.199    95.000
     Group 1 |    0.125     0.023     5.528     0.000     0.081     0.169    95.000
    2nd Diff |   -0.028     0.027    -1.012     0.312    -0.082     0.026    95.000

CLOSEST PAIR OF OBSERVATIONS

Group==0: 130
Group==1: 33922
Group Variable: m4r_hcgv
Distance (Prediction) Variable: m4r_prvar
Rhs Vars: __rkexp __usptr __acc __alc __diss __ir __civlib __hasac __rkj5dist __term
Distance Between Obss: .0002472773194313

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