```
-------------------------------------------------------------------------------
> -------------------------------------------------------------------------
      name:  <unnamed>
       log:  H:\stata\Chettylab\output\mobility.log
  log type:  text
 opened on:   5 Mar 2017, 20:54:59

.
. /*Merge cz_names.csv*/
. cd "$data"
H:\stata\Chettylab\data

. insheet using "cz_names.csv", delimiter(",") names clear
(2 vars, 741 obs)

. save "cz_names.dta", replace
file cz_names.dta saved

. insheet using "cz_level_data.csv", delimiter(",") names clear
(15 vars, 741 obs)

. merge 1:1 cz using "cz_names.dta"

    Result                           # of obs.
    -----------------------------------------
    not matched                             0
    matched                               741  (_merge==3)
    -----------------------------------------

. drop _merge

. order czname, a(cz)  //order czname after cz

. save "cz_merge.dta", replace
file cz_merge.dta saved

.
. cd "$output"
H:\stata\Chettylab\output

. /*Q1 Difference of perm_res_rank_p25 from the national mean*/
. //install _GWTMEAN to caculate weighted mean or manually
. capture ssc install _GWTMEAN  //install package to caculate weighted mean

. tempvar weight_mean

. egen `weight_mean'= wtmean(perm_res_rank_p25) if perm_res_rank_p25 != ., weight(popu
> lation)
(23 missing values generated)

. gen dif_rank = perm_res_rank_p25 - `weight_mean'
(23 missing values generated)

. drop `weight_mean'

. sort dif_rank, stable

. //Grapgh hbar
. preserve
```

```
. drop if dif_rank==.
(23 observations deleted)

. keep if (_n>=_N-4)|(_n<=5)
(708 observations deleted)

. gen no_rank=_n

. gen cz_name_state=czname+","+stateabbrv

. gen last_five = 1 if _n > 5
(5 missing values generated)

. replace last_five = 0 if _n <=5
(5 real changes made)

. export delimited cz-last_five using "Rgraph.csv",replace
file Rgraph.csv saved

.
. //Raw graph by STATA
. graph hbar dif_rank , over(cz_name_state, sort(dif_rank) descending) graphregion(col
> or(white))  ///
>                         ytitle("Diiference from National Mean") scheme(sj)  ///
>                         saving(dif_rank, replace)
(file dif_rank.gph saved)

. graph export dif_rank.pdf, replace
(file dif_rank.pdf written in PDF format)

. //describe other variables of the 10
. collapse african_american_share - median_house_value [pw=population], by(last_five)

. export delimited using "tenDes.csv", replace
file tenDes.csv saved

. restore

.
. /*Q3*/
. //install maptile spmap geo_list
. capture ssc install maptile

. capture ssc install spmap

. maptile_install using "http://files.michaelstepner.com/geo_state.zip"

h:\ado\personal\maptile_geographies
    can't overwrite "state_coords_clean.dta"; skipping
    can't overwrite "state_database_clean.dta"; skipping
    can't overwrite "state_maptile.ado"; skipping
    can't overwrite "state_maptile.smcl"; skipping
successfully unzipped temp.zip to current directory

To see the help file of the geography template, run:
    maptile_geohelp geoname

.
. //Map for state level data
. preserve
```

```
. drop if perm_res_rank_p25==.
(23 observations deleted)

. collapse perm_res_rank_p25 [pw=population], by(stateabbrv)

. rename stateabbrv state

. maptile perm_res_rank_p25, geo(state) propcolor revcolor

. graph export state_level.pdf, replace
(file state_level.pdf written in PDF format)

. restore

.
. /*Q5 Regressions*/
. capture ssc install estout   //install estout for stylelized output

. drop if (total_exposure_effect_p25==.)|(perm_res_rank_p25==.)
(146 observations deleted)

. //generate standard error, then regress
. foreach var of varlist african_american_share - median_house_value {
  2.         egen std_`var'=std(`var')
  3.         eststo: reg total_exposure_effect_p25 std_`var', robust   //eststo: resto
> re reg result
  4.         eststo: reg total_exposure_effect_p25 std_`var', robust cluster(state_id)
  5.         eststo: reg perm_res_rank_p25 std_`var', robust
  6.         eststo: reg perm_res_rank_p25 std_`var', robust cluster(state_id)
  7. }

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =      62.22
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0611
                                                Root MSE          =     11.892

------------------------------------------------------------------------------
> ------
                             |               Robust
 total_exposure_effect_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Int
> erval]
-----------------------------+------------------------------------------------
> ------
std_african_american_share |  -3.031769    .384354    -7.89   0.000     -3.78663   -2.
> 276908
                     _cons |   3.632374   .4875266     7.45   0.000     2.674886    4.
> 589863
------------------------------------------------------------------------------
> ------
(est1 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      30.94
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0611
                                                Root MSE          =     11.892

                                              (Std. Err. adjusted for 51 clusters in sta
> te_id)
------------------------------------------------------------------------------
> ------
                             |               Robust
 total_exposure_effect_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Int
> erval]
-----------------------------+------------------------------------------------
> ------
std_african_american_share |  -3.031769   .5450608    -5.56   0.000    -4.126556   -1.
> 936982
                     _cons |   3.632374    .810162     4.48   0.000     2.005116    5.
> 259633
------------------------------------------------------------------------------
```

```
> ------
(est2 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =     693.52
                                                Prob > F          =     0.0000
                                                R-squared         =     0.4609
                                                Root MSE          =     3.8547

------------------------------------------------------------------------------
> ------
                           |               Robust
         perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Int
> erval]
---------------------------+--------------------------------------------------
> ------
std_african_american_share |  -3.561288   .1352315   -26.33   0.000    -3.826879   -3.
> 295697
                     _cons |   46.21472   .1580274   292.45   0.000     45.90436    46
> .52508
------------------------------------------------------------------------------
> ------
(est3 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =     116.88
                                                Prob > F          =     0.0000
                                                R-squared         =     0.4609
                                                Root MSE          =     3.8547

                                              (Std. Err. adjusted for 51 clusters in sta
> te_id)
------------------------------------------------------------------------------
> ------
                           |               Robust
         perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Int
> erval]
---------------------------+--------------------------------------------------
> ------
std_african_american_share |  -3.561288   .3294119   -10.81   0.000    -4.222931   -2.
> 899645
                     _cons |   46.21472   .4610309   100.24   0.000     45.28871    47
> .14073
------------------------------------------------------------------------------
> ------
(est4 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =       1.49
                                                Prob > F          =     0.2221
                                                R-squared         =     0.0025
                                                Root MSE          =     12.257

------------------------------------------------------------------------------
                |               Robust
total_expos~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------+--------------------------------------------------------------
std_poor_share |  -.6186815   .5062353    -1.22   0.222    -1.612914    .3755506
         _cons |   3.632374   .5025056     7.23   0.000     2.645467    4.619282
------------------------------------------------------------------------------
(est5 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =       0.43
                                                Prob > F          =     0.5141
                                                R-squared         =     0.0025
                                                Root MSE          =     12.257
```

```
                                (Std. Err. adjusted for 51 clusters in state_id)
------------------------------------------------------------------------------
             |               Robust
total_expos~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------+--------------------------------------------------------------
std_poor_share |  -.6186815   .9414353    -0.66   0.514     -2.50961    1.272247
         _cons |   3.632374   .9828046     3.70   0.001     1.658353    5.606396
------------------------------------------------------------------------------
(est6 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =      90.61
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1432
                                                Root MSE          =     4.8597

------------------------------------------------------------------------------
             |               Robust
perm_res_ra~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------+--------------------------------------------------------------
std_poor_share |  -1.984864   .2085204    -9.52   0.000    -2.394393   -1.575336
         _cons |   46.21472   .1992278   231.97   0.000     45.82344      46.606
------------------------------------------------------------------------------
(est7 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      13.22
                                                Prob > F          =     0.0007
                                                R-squared         =     0.1432
                                                Root MSE          =     4.8597

                                (Std. Err. adjusted for 51 clusters in state_id)
------------------------------------------------------------------------------
             |               Robust
perm_res_ra~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------+--------------------------------------------------------------
std_poor_share |  -1.984864   .5458675    -3.64   0.001    -3.081272    -.888457
         _cons |   46.21472   .6322114    73.10   0.000     44.94488    47.48455
------------------------------------------------------------------------------
(est8 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =      10.88
                                                Prob > F          =     0.0010
                                                R-squared         =     0.0199
                                                Root MSE          =     12.151

------------------------------------------------------------------------------
> --
                       |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
-----------------------+------------------------------------------------------
> --
std_racial_segregation |   -1.72821   .5239135    -3.30   0.001    -2.757162   -.69925
> 82
                 _cons |   3.632374   .4981246     7.29   0.000     2.654071    4.6106
> 78
------------------------------------------------------------------------------
> --
(est9 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      13.50
                                                Prob > F          =     0.0006
                                                R-squared         =     0.0199
                                                Root MSE          =     12.151
```

```
                                             (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------------------
> --
                        |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------------------
> --
std_racial_segregation |   -1.72821   .4703229    -3.67   0.001    -2.672881   -.78353
> 85
                 _cons |   3.632374   .9731518     3.73   0.000     1.677742    5.5870
> 07
------------------------------------------------------------------------------------------
> --
(est10 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =     115.84
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1475
                                                Root MSE          =     4.8473

------------------------------------------------------------------------------------------
> --
                        |               Robust
     perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------------------
> --
std_racial_segregation |  -2.014932   .1872079   -10.76   0.000    -2.382603   -1.6472
> 61
                 _cons |   46.21472    .198719   232.56   0.000     45.82444      46.6
> 05
------------------------------------------------------------------------------------------
> --
(est11 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      71.99
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1475
                                                Root MSE          =     4.8473

                                             (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------------------
> --
                        |               Robust
     perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------------------
> --
std_racial_segregation |  -2.014932   .2374815    -8.48   0.000    -2.491928   -1.5379
> 37
                 _cons |   46.21472   .6887469    67.10   0.000     44.83133    47.598
> 11
------------------------------------------------------------------------------------------
> --
(est12 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =      32.10
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0408
                                                Root MSE          =      12.02
```

```
------------------------------------------------------------------------------
> --
                        |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------
> --
std_income_segregation |  -2.476675   .4371689    -5.67   0.000    -3.335263   -1.6180
> 88
                 _cons |   3.632374   .4927776     7.37   0.000     2.664573    4.6001
> 76
------------------------------------------------------------------------------
> --
(est13 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      14.65
                                                Prob > F          =     0.0004
                                                R-squared         =     0.0408
                                                Root MSE          =      12.02

                                          (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------
> --
                        |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------
> --
std_income_segregation |  -2.476675   .6470993    -3.83   0.000    -3.776413   -1.1769
> 38
                 _cons |   3.632374   .9496489     3.82   0.000     1.724948      5.53
> 98
------------------------------------------------------------------------------
> --
(est14 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =     106.62
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1289
                                                Root MSE          =        4.9

------------------------------------------------------------------------------
> --
                        |               Robust
     perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------
> --
std_income_segregation |  -1.883198   .1823831   -10.33   0.000    -2.241394   -1.5250
> 03
                 _cons |   46.21472   .2008824   230.06   0.000     45.82019    46.609
> 25
------------------------------------------------------------------------------
> --
(est15 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      34.36
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1289
                                                Root MSE          =        4.9
```

```
                                             (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------------------
> --
                     |               Robust
     perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
----------------------+-------------------------------------------------------------------
> --
std_income_segregation |  -1.883198   .3212838    -5.86   0.000    -2.528516   -1.2378
> 81
                 _cons |   46.21472   .7078692    65.29   0.000     44.79292    47.636
> 51
------------------------------------------------------------------------------------------
> --
(est16 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =      47.99
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0762
                                                Root MSE          =     11.796

------------------------------------------------------------------------------
             |               Robust
total_exp~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  std_gini99 |  -3.384048   .4885178    -6.93   0.000    -4.343483   -2.424612
       _cons |   3.632374   .4836085     7.51   0.000     2.682581    4.582168
------------------------------------------------------------------------------
(est17 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      17.35
                                                Prob > F          =     0.0001
                                                R-squared         =     0.0762
                                                Root MSE          =     11.796

                              (Std. Err. adjusted for 51 clusters in state_id)
------------------------------------------------------------------------------
             |               Robust
total_exp~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  std_gini99 |  -3.384048   .8124662    -4.17   0.000    -5.015934   -1.752161
       _cons |   3.632374   .8264255     4.40   0.000      1.97245    5.292299
------------------------------------------------------------------------------
(est18 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =     547.48
                                                Prob > F          =     0.0000
                                                R-squared         =     0.5059
                                                Root MSE          =     3.6904

------------------------------------------------------------------------------
             |               Robust
perm_res_~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  std_gini99 |  -3.731035   .1594569   -23.40   0.000    -4.044204   -3.417866
       _cons |   46.21472   .1512903   305.47   0.000     45.91759    46.51185
------------------------------------------------------------------------------
(est19 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      76.11
                                                Prob > F          =     0.0000
                                                R-squared         =     0.5059
                                                Root MSE          =     3.6904
```

```
                              (Std. Err. adjusted for 51 clusters in state_id)
------------------------------------------------------------------------------
             |               Robust
perm_res_~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  std_gini99 |  -3.731035   .4276747    -8.72   0.000    -4.590045   -2.872025
       _cons |   46.21472   .4793948    96.40   0.000     45.25183    47.17761
------------------------------------------------------------------------------
(est20 stored)
(2 missing values generated)

Linear regression                               Number of obs     =        593
                                                F(1, 591)         =       7.33
                                                Prob > F          =     0.0070
                                                R-squared         =     0.0138
                                                Root MSE          =     12.207

------------------------------------------------------------------------------
                   |               Robust
total_exposure~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------------+-----------------------------------------------------------
std_school_exp_pc |   1.442114   .5328271     2.71   0.007     .3956488    2.488579
            _cons |   3.643279   .5012949     7.27   0.000     2.658743    4.627815
------------------------------------------------------------------------------
(est21 stored)

Linear regression                               Number of obs     =        593
                                                F(1, 49)          =       3.28
                                                Prob > F          =     0.0763
                                                R-squared         =     0.0138
                                                Root MSE          =     12.207

                              (Std. Err. adjusted for 50 clusters in state_id)
------------------------------------------------------------------------------
                   |               Robust
total_exposure~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------------+-----------------------------------------------------------
std_school_exp_pc |   1.442114    .796337     1.81   0.076    -.1581853    3.042413
            _cons |   3.643279   .9640609     3.78   0.000     1.705926    5.580632
------------------------------------------------------------------------------
(est22 stored)

Linear regression                               Number of obs     =        593
                                                F(1, 591)         =      31.20
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0415
                                                Root MSE          =     5.1485

------------------------------------------------------------------------------
                   |               Robust
perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------------+-----------------------------------------------------------
std_school_exp_pc |   1.069906   .1915295     5.59   0.000     .6937448    1.446067
            _cons |   46.21669   .2114221   218.60   0.000     45.80146    46.63192
------------------------------------------------------------------------------
(est23 stored)

Linear regression                               Number of obs     =        593
                                                F(1, 49)          =       4.65
                                                Prob > F          =     0.0360
                                                R-squared         =     0.0415
                                                Root MSE          =     5.1485
```

```
                                  (Std. Err. adjusted for 50 clusters in state_id)
------------------------------------------------------------------------------
                    |               Robust
perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------------+------------------------------------------------------------
std_school_exp_pc |   1.069906   .4963133     2.16   0.036     .0725272    2.067285
            _cons |   46.21669   .6918178    66.80   0.000     44.82643    47.60695
------------------------------------------------------------------------------
(est24 stored)
(103 missing values generated)

Linear regression                               Number of obs     =        492
                                                F(1, 490)         =      23.14
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0509
                                                Root MSE          =     12.554

------------------------------------------------------------------------------
                |               Robust
total_expo~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
std_dropout_r |  -2.903993   .6036374    -4.81   0.000     -4.09003   -1.717955
        _cons |   3.931227   .5659854     6.95   0.000     2.819169    5.043284
------------------------------------------------------------------------------
(est25 stored)

Linear regression                               Number of obs     =        492
                                                F(1, 48)          =       8.96
                                                Prob > F          =     0.0044
                                                R-squared         =     0.0509
                                                Root MSE          =     12.554

                                  (Std. Err. adjusted for 49 clusters in state_id)
------------------------------------------------------------------------------
                |               Robust
total_expo~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
std_dropout_r |  -2.903993    .970286    -2.99   0.004    -4.854883   -.9531017
        _cons |   3.931227   1.021164     3.85   0.000     1.878039    5.984414
------------------------------------------------------------------------------
(est26 stored)

Linear regression                               Number of obs     =        492
                                                F(1, 490)         =     135.58
                                                Prob > F          =     0.0000
                                                R-squared         =     0.2601
                                                Root MSE          =     4.7518

------------------------------------------------------------------------------
                |               Robust
perm_res_r~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
std_dropout_r |  -2.814557   .2417233   -11.64   0.000    -3.289499   -2.339615
        _cons |   46.40892   .2142259   216.64   0.000       45.988    46.82983
------------------------------------------------------------------------------
(est27 stored)

Linear regression                               Number of obs     =        492
                                                F(1, 48)          =      33.84
                                                Prob > F          =     0.0000
                                                R-squared         =     0.2601
                                                Root MSE          =     4.7518
```

```
                              (Std. Err. adjusted for 49 clusters in state_id)
------------------------------------------------------------------------------
             |               Robust
perm_res_r~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
std_dropout_r |  -2.814557   .4838193    -5.82   0.000    -3.787341   -1.841774
        _cons |   46.40892   .6407587    72.43   0.000     45.12059    47.69725
------------------------------------------------------------------------------
(est28 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =      41.28
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0746
                                                Root MSE          =     11.807

------------------------------------------------------------------------------
> --
                       |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
-----------------------+------------------------------------------------------
> --
std_singleparent_share |   -3.34866   .5211854    -6.43   0.000    -4.372253   -2.3250
> 66
                 _cons |   3.632374    .484023     7.50   0.000     2.681767    4.5829
> 82
------------------------------------------------------------------------------
> --
(est29 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =      17.24
                                                Prob > F          =     0.0001
                                                R-squared         =     0.0746
                                                Root MSE          =     11.807

                                   (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------
> --
                       |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
-----------------------+------------------------------------------------------
> --
std_singleparent_share |   -3.34866   .8064148    -4.15   0.000    -4.968391   -1.7289
> 28
                 _cons |   3.632374   .7770793     4.67   0.000     2.071565    5.1931
> 84
------------------------------------------------------------------------------
> --
(est30 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =     658.94
                                                Prob > F          =     0.0000
                                                R-squared         =     0.6480
                                                Root MSE          =     3.1149

------------------------------------------------------------------------------
> --
                       |               Robust
     perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
-----------------------+------------------------------------------------------
> --
std_singleparent_share |  -4.222561   .1644957   -25.67   0.000    -4.545626   -3.8994
> 96
                 _cons |   46.21472   .1276998   361.90   0.000     45.96392    46.465
> 52
------------------------------------------------------------------------------
```

```
> --
(est31 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =     112.72
                                                Prob > F          =     0.0000
                                                R-squared         =     0.6480
                                                Root MSE          =     3.1149

                                      (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------
> --
                        |               Robust
     perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------------
> --
std_singleparent_share |  -4.222561    .397718   -10.62   0.000    -5.021401    -3.423
> 72
                 _cons |   46.21472   .3622047   127.59   0.000     45.48721    46.942
> 23
------------------------------------------------------------------------------
> --
(est32 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 593)         =      18.83
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0255
                                                Root MSE          =     12.116

------------------------------------------------------------------------------
> --
                        |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------------
> --
std_median_house_value |  -1.958456   .4512772    -4.34   0.000    -2.844752    -1.072
> 16
                 _cons |   3.632374   .4966882     7.31   0.000     2.656893    4.6078
> 56
------------------------------------------------------------------------------
> --
(est33 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =       7.85
                                                Prob > F          =     0.0072
                                                R-squared         =     0.0255
                                                Root MSE          =     12.116

                                      (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------
> --
                        |               Robust
total_exposure_effe~25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
------------------------+-----------------------------------------------------------
> --
std_median_house_value |  -1.958456   .6988367    -2.80   0.007    -3.362111   -.55480
> 13
                 _cons |   3.632374   .9884067     3.67   0.001     1.647101    5.6176
> 48
------------------------------------------------------------------------------
> --
(est34 stored)
```

```
Linear regression                               Number of obs     =        595
                                                F(1, 593)         =       6.67
                                                Prob > F          =     0.0100
                                                R-squared         =     0.0101
                                                Root MSE          =     5.2236

------------------------------------------------------------------------------
> --
                     |               Robust
  perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
---------------------+--------------------------------------------------------
> --
std_median_house_value |  -.5259924   .2036163    -2.58   0.010    -.9258891   -.12609
> 56
               _cons |   46.21472   .2141458   215.81   0.000     45.79414    46.635
> 29
------------------------------------------------------------------------------
> --
(est35 stored)

Linear regression                               Number of obs     =        595
                                                F(1, 50)          =       1.66
                                                Prob > F          =     0.2033
                                                R-squared         =     0.0101
                                                Root MSE          =     5.2236

                                   (Std. Err. adjusted for 51 clusters in state_i
> d)
------------------------------------------------------------------------------
> --
                     |               Robust
  perm_res_rank_p25 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interva
> l]
---------------------+--------------------------------------------------------
> --
std_median_house_value |  -.5259924    .407999    -1.29   0.203    -1.345483    .29349
> 78
               _cons |   46.21472   .7309131    63.23   0.000     44.74664     47.68
> 28
------------------------------------------------------------------------------
> --
(est36 stored)

. esttab using reg.csv, label nostar replace drop(_cons)  //esttab: output the restore
> d reg result
(output written to reg.csv)

.
```