```
------------------------------------------------------------------------------------------------------------
--------------------------------
      name:  <unnamed>
       log:  c:₩Users₩skpar₩Dropbox₩smu_voting₩smu_voting₩0_correction₩5_result_log.log
  log type:  text
 opened on:  22 Apr 2025, 10:22:54

.
.
. use 1_master_data

.
.
.
*================================================================
=================
. * Variable Recoding
.
*================================================================
=================
.
.
*================================================================
==
. * Dependent Variables
.
*================================================================
==
. * (1) Delta incumbent share 1978 - 1973 (Variable Name = D_TopSh_78_73)
. gen E9TopSh = (E9gongwha1 + E9gongwha2)/E9total
(90 missing values generated)

. gen E10TopSh = (E10gongwha1)/E10total
(36 missing values generated)

.
. gen D_TopSh_78_73 = E10TopSh - E9TopSh
(121 missing values generated)

.
. label variable E9TopSh "Vote share of Incumbent Party in 1973"

. label variable E10TopSh "Vote share of Incumbent Party in 1978"

. label variable D_TopSh_78_73 "Delta vote share 1978-1973"

.
.
```

```
. * (2) Delta incumbent - oppositions 1978-1973 (Variable Name = D_voteDiffSh_78_73_re)
.
. gen voteDiff_E10=E10gongwha1 - (E10sinmin1 + E10sinmin2 + E10mintong1 + E10indep1 ///
> + E10indep2 + E10indep3 + E10indep4 + E10indep5 + E10indep6 + E10indep7 + E10indep8)
(36 missing values generated)

.
. gen voteDiffSh_E10 = voteDiff_E10/E10vote
(36 missing values generated)

.
. gen voteDiff_E9=E9gongwha1 + E9gongwha2 - (E9sinmin1 + E9sinmin2 + E9mintong1 ///
> + E9indep1 + E9indep2 + E9indep3 + E9indep4 + E9indep5)
(90 missing values generated)

.
. gen voteDiffSh_E9 = voteDiff_E9/E9vote
(90 missing values generated)

.
. gen D_voteDiffSh_78_73_re = voteDiffSh_E10 - voteDiffSh_E9
(121 missing values generated)

.
.
. label variable voteDiff_E10 "Vote Difference: Incumbent Party - All Oppositions, in 1978"

. label variable voteDiffSh_E10 "Share voteDiff_E10"

. label variable voteDiff_E9 "Vote Difference: Incumbent Party - All Oppositions, in 1973"

. label variable voteDiffSh_E9 "Share of voteDiff_E9"

.
. label variable D_voteDiffSh_78_73_re "Delta Vote Difference: 1978-1973"

.
.
.
. * (3) Park share in 2012 (Variable Name = E18ConsSh)
. gen E18ConsSh = E18park_gh / E18total
(72 missing values generated)

.
. label variable E18ConsSh "Park's vote share in 2012"

.
. * (4) Park - others vote share in 2012 (Variable Name = E18_VoteDiff)
```

```
. gen E18_VoteDiff =  (E18park_gh - (E18moon_ji + E18park_js + E18kim_sy + E18kang_jw +
E18kim_sj))/E18total
(72 missing values generated)

.
. label variable E18_VoteDiff "Park - Oppositions"

.
.
.
.
.
.
*================================================================
==
. * Independent Variables
.
*================================================================
==
.
. * (5) Log(transfer+1) per voter in each year
.
. gen amt_per_elct1974 = amount1974 / E9electorate
(90 missing values generated)

. gen amt_per_elct1975 = amount1975 / E9electorate
(90 missing values generated)

. gen amt_per_elct1976 = amount1976 / E9electorate
(90 missing values generated)

. gen amt_per_elct1977 = amount1977 / E9electorate
(90 missing values generated)

. gen amt_per_elct1978 = amount1978 / E9electorate
(90 missing values generated)

.
. label variable amt_per_elct1974 "NVM subsidy per voter in 1974"

. label variable amt_per_elct1975 "NVM subsidy per voter in 1975"

. label variable amt_per_elct1976 "NVM subsidy per voter in 1976"

. label variable amt_per_elct1977 "NVM subsidy per voter in 1977"

. label variable amt_per_elct1978 "NVM subsidy per voter in 1978"
```

```
.
. gen Lamt_per_elct1974 = log(amt_per_elct1974+1)
(90 missing values generated)

. gen Lamt_per_elct1975 = log(amt_per_elct1975+1)
(90 missing values generated)

. gen Lamt_per_elct1976 = log(amt_per_elct1976+1)
(90 missing values generated)

. gen Lamt_per_elct1977 = log(amt_per_elct1977+1)
(90 missing values generated)

. gen Lamt_per_elct1978 = log(amt_per_elct1978+1)
(90 missing values generated)

.
.
. label variable Lamt_per_elct1974 "NVM subsidy per voter in 1974 (log)"

. label variable Lamt_per_elct1975 "NVM subsidy per voter in 1975 (log)"

. label variable Lamt_per_elct1976 "NVM subsidy per voter in 1976 (log)"

. label variable Lamt_per_elct1977 "NVM subsidy per voter in 1977 (log)"

. label variable Lamt_per_elct1978 "NVM subsidy per voter in 1978 (log)"

.
.
. * (6) Log(transfer+1) per population in each year
.
. gen amount1974_d_pop = amount1974 / d_pop_70
(6 missing values generated)

. gen amount1975_d_pop = amount1975 / d_pop_75
(1 missing value generated)

. gen amount1976_d_pop = amount1976 / d_pop_75
(1 missing value generated)

. gen amount1977_d_pop = amount1977 / d_pop_75
(1 missing value generated)

. gen amount1978_d_pop = amount1978 / d_pop_75
(1 missing value generated)

. gen amount1979_d_pop = amount1979 / d_pop_80
```

```
(9 missing values generated)

.
.
. label variable amount1974_d_pop "NVM subsidy per population in 1974"

. label variable amount1975_d_pop "NVM subsidy per population in 1975"

. label variable amount1976_d_pop "NVM subsidy per population in 1976"

. label variable amount1977_d_pop "NVM subsidy per population in 1977"

. label variable amount1978_d_pop "NVM subsidy per population in 1978"

. label variable amount1979_d_pop "NVM subsidy per population in 1979"

.
.
. gen Lamount1974_d_pop = log(1+amount1974_d_pop)
(6 missing values generated)

. gen Lamount1975_d_pop = log(1+amount1975_d_pop)
(1 missing value generated)

. gen Lamount1976_d_pop = log(1+amount1976_d_pop)
(1 missing value generated)

. gen Lamount1977_d_pop = log(1+amount1977_d_pop)
(1 missing value generated)

. gen Lamount1978_d_pop = log(1+amount1978_d_pop)
(1 missing value generated)

. gen Lamount1979_d_pop = log(1+amount1979_d_pop)
(9 missing values generated)

.
. label variable Lamount1974_d_pop "NVM subsidy per population in 1974 (log)"

. label variable Lamount1975_d_pop "NVM subsidy per population in 1975 (log)"

. label variable Lamount1976_d_pop "NVM subsidy per population in 1976 (log)"

. label variable Lamount1977_d_pop "NVM subsidy per population in 1977 (log)"

. label variable Lamount1978_d_pop "NVM subsidy per population in 1978 (log)"

. label variable Lamount1979_d_pop "NVM subsidy per population in 1979 (log)"
```

```
.
.
.
. * (7) number of beneficiary villages per voter in each year
. gen num_1974PERpop=num_vil1974 / E9electorate
(90 missing values generated)

. gen num_1975PERpop=num_vil1975 / E9electorate
(90 missing values generated)

. gen num_1976PERpop=num_vil1976 / E9electorate
(90 missing values generated)

. gen num_1977PERpop=num_vil1977 / E9electorate
(90 missing values generated)

. gen num_1978PERpop=num_vil1978 / E10electorate
(36 missing values generated)

. gen num_1979PERpop=num_vil1979 / E10electorate
(36 missing values generated)

.
.
. label variable num_1974PERpop "Number of beneficiary vaillges per voter (1974)"

. label variable num_1975PERpop "Number of beneficiary vaillges per voter (1975)"

. label variable num_1976PERpop "Number of beneficiary vaillges per voter (1976)"

. label variable num_1977PERpop "Number of beneficiary vaillges per voter (1977)"

. label variable num_1978PERpop "Number of beneficiary vaillges per voter (1978)"

. label variable num_1979PERpop "Number of beneficiary vaillges per voter (1979)"

.
.
. * (8)  Log(transfer+1) per voter, Combined 1974-1978
. gen total_Lamount_1974_1978_perelect =
log(amt_per_elct1974+amt_per_elct1975+amt_per_elct1976+amt_per_elct1977+amt_per_elct1978
+1)
(90 missing values generated)

.
. label variable total_Lamount_1974_1978_perelect "NVM subsidy per voter (total)"
```

```
.
.
.
. * (9) Log(transfer+1) per population, Combined 1974-1978
. gen total_Lamount_1974_1978_d_pop = log(amount1974_d_pop + amount1975_d_pop +
amount1976_d_pop + amount1977_d_pop + amount1978_d_pop + 1)
(6 missing values generated)

.
.
. label variable total_Lamount_1974_1978_d_pop  "NVM subsidy per population (total)"

.
. * (10) number of beneficiary villages per voter, Combined 1974-1978
. gen total_num_1974_1978_perelect = (num_1974PERpop + num_1975PERpop +
num_1976PERpop + num_1977PERpop + num_1978PERpop)
(121 missing values generated)

.
. label variable total_num_1974_1978_perelect "Number of beneficiary vaillges per voter (total)"

.
.
.
.
*================================================================
==
. * Controls 1
.
*================================================================
==
. * (11) area in 1970
. label variable  area_1970 "Area in 1970"

.
. * (12) generate eup dummy (as of 1975)
. gen eup = (TWN_type=="읍")

.
. label variable eup "eup in 1970"

.
.
.
*================================================================
==
. * Controls 2
.
```

```
*================================================================
==
.
. * (13) Pop female share in 1966
. gen demo_female_share_1966 = demo_female_tot_1966 / demo_pop_tot_1966
(8 missing values generated)

.
. label variable demo_female_share_1966 "Female pop share in 1966"

.
. * (14) Pop age +15 share in 1966
.
. gen demo_age_15plus_1966 = demo_adult_1966 / demo_pop_tot_1966
(8 missing values generated)

.
. label variable demo_age_15plus_1966 "Share of pop aged 15+ in 1966"

.
.
. * (15) Pop share illeterate in 1966
. gen demo_illiterate_1966 = demo_n_illiterate_1966 / demo_uneducated_1966
(6 missing values generated)

.  replace demo_illiterate_1966=.  if demo_uneducated_1966 == demo_n_illiterate_1966
(1 real change made, 1 to missing)

.
.
. label variable demo_illiterate_1966 "Illiterate pop share in 1966"

.
.
. * (16) Pop change in 1970-1966
. gen demo_pop_ch_1970_1966 = (d_pop_70 - demo_pop_tot_1966) / demo_pop_tot_1966
(8 missing values generated)

.
. label variable demo_pop_ch_1970_1966 "Pop change 1966-1970"

.
.
. * (17) govtparty_E9
. gen govtparty_E9 = (E9gongwha1+E9gongwha2)/E9vote
(90 missing values generated)

.
```

```
. label variable govtparty_E9 "Incumbent vote share in 1973"

.
. gen govtpartySQ_E9 =  govtparty_E9* govtparty_E9
(90 missing values generated)

.
. label variable govtpartySQ_E9 "Square of Incumbent vote share in 1973"

.
.
.
.
*=============================================================
==
. * Variables used in mechanism section
.
*=============================================================
==
. * (18) Lee share in 2007
. gen E17ConsSh = E17lee_mb / E17total
(67 missing values generated)

.
. label variable E17ConsSh  "Lee's vote share"

.
.
. * (20) nightlight
. forvalues yr = 1992/2013 {
  2.      gen Lnl`yr'mean = log(nl`yr'mean + 1)
  3.          label variable Lnl`yr'mean "`yr' night-time luminosity (log)"
  4.
. }
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
```

```
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)
(1 missing value generated)

.
.
. * (21) cultivators
. foreach y in 1970 1980 2010 {
  2.  gen cul_`y' = cul_hh_`y' / household_`y'
  3.      gen Lcul_`y' = log(cul_`y' + 1)
  4.      label variable cul_`y' "Share of household w Cultivator in `y'"
  5.          label variable Lcul_`y' "Share of household w Cultivator in `y' (log)"
  6. }
(7 missing values generated)
(7 missing values generated)
(9 missing values generated)
(9 missing values generated)
(69 missing values generated)
(69 missing values generated)

.
. gen cul_197080 = cul_1980 - cul_1970
(15 missing values generated)

.
. label variable cul_197080 "Cultivator (1970-80)"

.
.
. * (22) Full time farming : ful_2010
. foreach y in 1970 1980 2010 {
  2.      gen ful_`y' = fp_full_`y' / household_`y'
  3.          label variable ful_`y' "Share of full-time farming household in `y'"
  4.
.     gen Lful_`y' = log(ful_`y' + 1)
  5.          label variable Lful_`y' "Share of full-time farming household in `y' (log)"
  6. }
(7 missing values generated)
(7 missing values generated)
(9 missing values generated)
(9 missing values generated)
(69 missing values generated)
(69 missing values generated)
```

```
.
.
.
. * (23) change in number of agricultural population (1980 - 1970)
. gen agpop_ch_8070 = log(ag_pop_tot_1980) - log(ag_pop_tot_1970)
(18 missing values generated)

.
. label variable agpop_ch_8070 "change in agricultural population (log, 1970 - 80)"

.
. * (24) pop_old_55_plus_share_2010
. egen pop_old_50_plus_2010 = rowtotal( ///
> demo_pop_5054_2010 demo_pop_5559_2010 demo_pop_6064_2010 demo_pop_6569_2010
///
> demo_pop_7074_2010 demo_pop_7579_2010 demo_pop_8084_2010 demo_pop_8500_2010)

.
. gen pop_old_50_plus_share_2010 = pop_old_50_plus_2010 / pop_tot_2010
(67 missing values generated)

.
. egen pop_old_55_plus_2010 = rowtotal( ///
> demo_pop_5559_2010 demo_pop_6064_2010 demo_pop_6569_2010 ///
> demo_pop_7074_2010 demo_pop_7579_2010 demo_pop_8084_2010 demo_pop_8500_2010)

.
. gen pop_old_55_plus_share_2010 = pop_old_55_plus_2010 / pop_tot_2010
(67 missing values generated)

.
. label variable pop_old_50_plus_2010 "Population age 50+ in 2010"

. label variable pop_old_50_plus_share_2010 "Share of population age 50+ in 2010"

. label variable pop_old_55_plus_2010 "Population age 55+ in 2010"

. label variable pop_old_55_plus_share_2010 "Share of population age 55+ in 2010"

.
.
. * (25) Instrumental Variables
. gen ts_median1 = ts_median/1000
(1 missing value generated)

. gen te_median1 = te_median/1000
(1 missing value generated)
```

```
.
. label variable ts_median1 "Terrain Slope"

. label variable te_median1 "Terrain Elevation"

.
.
.
.
.
.
.
*=================================================================
=================
. * Empirical Analysis
.
*=================================================================
=================
.
.
.
*=================================================================
=================
. * Appendix Table B1
.
*=================================================================
=================
.
. sum D_TopSh_78_73 D_voteDiffSh_78_73_re E18ConsSh E18_VoteDiff govtparty_E9 /// outcome
variable
> Lamt_per_elct1974 Lamt_per_elct1975 Lamt_per_elct1976 Lamt_per_elct1977
Lamt_per_elct1978 Lamount1977_d_pop num_1977PERpop total_Lamount_1974
> _1978_perelect total_Lamount_1974_1978_d_pop total_num_1974_1978_perelect ///
explanatory variable
> area_1970 eup /// controls 1
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966
demo_pop_ch_1970_1966 /// controls 2
> E17ConsSh  Lnl2010mean cul_197080  cul_2010 ful_2010 agpop_ch_8070
pop_old_55_plus_share_2010 te_median1 ts_median1 /* long-term variables */

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
D_TopSh_7~73 |      1,339    -.041811    .2051491  -.7504952   .6424191
D_voteDiff~e |      1,339   -.0836434    .4043789  -1.481209   1.264863
   E18ConsSh |      1,388    .5443856    .2784624   .0629024   .9169472
E18_VoteDiff |      1,388    .0887713    .5569249  -.8741952   .8338945
govtparty_E9 |      1,370    .3960102    .1849635   .0480718   .9154967
```

```
-------------+--------------------------------------------------------
Lamt_pe~1974 |      1,370    .3414686    .1619416           0    1.422416
Lamt_pe~1975 |      1,370     .326039    .1567502           0    1.000907
Lamt_pe~1976 |      1,370    .1555604    .1729997           0    .8450632
Lamt_pe~1977 |      1,370    .4810897    .1838947           0    1.379582
Lamt_pe~1978 |      1,370    .4927934    .1846327           0    1.832476
-------------+--------------------------------------------------------
Lamo~7_d_pop |      1,459     .275999     .118392           0    .8654802
num_1977PE~p |      1,370    .0004305    .0002082           0    .0019822
total_Lamo~t |      1,370    1.169853    .2574616    .1590672    2.342294
total_Lamo~p |      1,454    .7546273    .2047637           0     1.76149
total_num_~t |      1,339    .0021214    .0008788    .000179    .0078439
-------------+--------------------------------------------------------
   area_1970 |      1,459     66.1982    47.10592    6.848229    471.6839
         eup |      1,460    .0842466    .2778524           0           1
demo~re_1966 |      1,452    .4944311    .0151764           0    .5486496
demo_ag~1966 |      1,452    .5472285    .0200989    .4890904           1
demo_il~1966 |      1,453    .4229429    .0856794    .2237856    1.11579
-------------+--------------------------------------------------------
demo_pop_c~6 |      1,452   -.0647199    .1341196   -.8888889    3.349936
   E17ConsSh |      1,393    .4138628    .2439775    .0196918    .9090474
 Lnl2010mean |      1,459    3.104685    .6353221    1.171637    4.158883
  cul_197080 |      1,445    .1015762    .0649061   -.0137678    .3916871
    cul_2010 |      1,391    .2118573    .1295991           0    .5284653
-------------+--------------------------------------------------------
    ful_2010 |      1,391    .2633979    .1516733           0    .6628702
agpop_c~8070 |      1,442   -.2958888    .1708413   -2.777928    1.490278
pop_old_55.. |      1,393    .4701826    .1568759    .0540405     .748503
  te_median1 |      1,459    .1613665     .157967           0    .9384674
  ts_median1 |      1,459    4.333843    2.919764         .01      15.568

.
.
.
*=============================================================
=================
. * Table 1 and Appendix Table B2
. * x = NVM subsidy per voter (log) in 1977 (Lamt_per_elct1977)
. * y = incumbent vote share difference in 1978 and 1973 election (D_TopSh_78_73)
.
*=============================================================
=================
.
. reg D_TopSh_78_73 Lamt_per_elct1977, r

Linear regression                               Number of obs     =      1,339
                                                F(1, 1337)        =       6.92
                                                Prob > F          =     0.0086
```

```
                                        R-squared         =     0.0052
                                        Root MSE          =     .20469

------------------------------------------------------------------------------
                |               Robust
 D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------+--------------------------------------------------------------
Lamt_per_elct1977 |   .0807375   .0306985     2.63   0.009     .0205151    .1409598
            _cons |  -.0807698   .0154297    -5.23   0.000    -.1110388   -.0505008
------------------------------------------------------------------------------

. eststo
(est1 stored)

.
. areg D_TopSh_78_73 Lamt_per_elct1977, absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,339
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(1, 128)         =   4.24
                                                 Prob > F          = 0.0415
                                                 R-squared         = 0.8536
                                                 Adj R-squared     = 0.8380
                                                 Root MSE          = 0.0826

                               (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                |               Robust
 D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------+--------------------------------------------------------------
Lamt_per_elct1977 |    .029904   .0145219     2.06   0.041       .00117     .058638
            _cons |  -.0562408   .0070073    -8.03   0.000     -.070106   -.0423755
------------------------------------------------------------------------------

. eststo
(est2 stored)

.
. areg D_TopSh_78_73 Lamt_per_elct1977 area_1970 eup, absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,339
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(3, 128)         =   1.90
                                                 Prob > F          = 0.1325
                                                 R-squared         = 0.8539
                                                 Adj R-squared     = 0.8381
                                                 Root MSE          = 0.0826
```

```
                                (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                |               Robust
   D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------+------------------------------------------------------------
Lamt_per_elct1977 |   .0334415   .0161127     2.08   0.040     .0015596    .0653233
       area_1970 |   .0001136   .0000802     1.42   0.159    -.0000451    .0002724
             eup |   .0046267   .0081999     0.56   0.574    -.0115983    .0208517
           _cons |  -.0659022   .0103084    -6.39   0.000    -.0862991   -.0455053
------------------------------------------------------------------------------

. eststo
(est3 stored)

.
.
. areg D_TopSh_78_73 Lamt_per_elct1977 area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,337
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(7, 128)         =   1.85
                                                 Prob > F          = 0.0824
                                                 R-squared         = 0.8549
                                                 Adj R-squared     = 0.8386
                                                 Root MSE          = 0.0825

                                (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                |               Robust
   D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------+------------------------------------------------------------
Lamt_per_elct1977 |   .0332289   .0167921     1.98   0.050     2.87e-06    .0664549
       area_1970 |    .000077   .0000797     0.97   0.336    -.0000807    .0002346
             eup |   .0080513   .0081469     0.99   0.325    -.0080687    .0241713
demo_female_share_1966 |  -.9477357   .4218626    -2.25   0.026    -1.782463   -.1130085
demo_age_15plus_1966 |   -.428298   .2861378    -1.50   0.137    -.9944706    .1378746
demo_illiterate_1966 |  -.0103513   .0683119    -0.15   0.880    -.1455181    .1248156
demo_pop_ch_1970_1966 |   .0124272   .0136627     0.91   0.365    -.0146069    .0394612
           _cons |   .6445256   .2614591     2.47   0.015     .127184    1.161867
------------------------------------------------------------------------------

. eststo
(est4 stored)

.
. esttab, b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)
```

```
------------------------------------------------------------------------------
                      (1)             (2)             (3)             (4)
                Delta v~1973    Delta v~1973    Delta v~1973    Delta v~1973
------------------------------------------------------------------------------
NVM subsidy per vo~l         0.081**         0.030*          0.033*          0.033*
                        (0.031)         (0.015)         (0.016)         (0.017)
Area in 1970                                            0.000           0.000
                                                       (0.000)         (0.000)
eup in 1970                                             0.005           0.008
                                                       (0.008)         (0.008)
Female pop shar~1966                                                   -0.948*
                                                                       (0.422)
Share of pop ag~1966                                                   -0.428
                                                                       (0.286)
Illiterate pop ~1966                                                   -0.010
                                                                       (0.068)
Pop change 1966-1970                                                    0.012
                                                                       (0.014)
Constant                    -0.081**        -0.056**        -0.066**         0.645*
                        (0.015)         (0.007)         (0.010)         (0.261)
------------------------------------------------------------------------------
Observations                 1339            1339            1339            1337
Adjusted R-squared           0.004           0.838           0.838           0.839
------------------------------------------------------------------------------
Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
.
*================================================================
=================
. * Appedix Table B3
. * x = each year NVM subsidy per voter (log) from 1974 to 1978, respectively
(Lamt_per_elct1974-Lamt_per_elct1978)
. * y = incumbent vote share difference in 1978 and 1973 election (D_TopSh_78_73)
.
*================================================================
=================
. eststo clear

.
.
. foreach x of var Lamt_per_elct1974-Lamt_per_elct1978  {
  2.
. areg D_TopSh_78_73 `x' area_1970  eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
```

```
> demo_pop_ch_1970_1966 , absorb(CTY_cd) vce(cluster CTY_cd)
  3.
. eststo
  4.
. }

Linear regression, absorbing indicators          Number of obs     =  1,337
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(7, 128)         =   1.47
                                                 Prob > F          = 0.1834
                                                 R-squared         = 0.8545
                                                 Adj R-squared     = 0.8381
                                                 Root MSE          = 0.0826

                                  (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                    |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
    Lamt_per_elct1974 |   .0174137   .0185296     0.94   0.349    -.0192502    .0540776
           area_1970 |   .0000738   .0000794     0.93   0.354    -.0000833    .0002309
                 eup |   .0037461    .007625     0.49   0.624    -.0113413    .0188334
demo_female_share_1966 |  -.9301616   .4234117    -2.20   0.030    -1.767954   -.0923693
 demo_age_15plus_1966 |  -.4437526   .2850633    -1.56   0.122    -1.007799    .1202938
 demo_illiterate_1966 |  -.0122705   .0683435    -0.18   0.858    -.1474997    .1229587
demo_pop_ch_1970_1966 |   .0061654   .0132022     0.47   0.641    -.0199575    .0322882
               _cons |   .6553671   .2618238     2.50   0.014     .137304     1.17343
------------------------------------------------------------------------------
(est1 stored)

Linear regression, absorbing indicators          Number of obs     =  1,337
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(7, 128)         =   1.51
                                                 Prob > F          = 0.1698
                                                 R-squared         = 0.8545
                                                 Adj R-squared     = 0.8381
                                                 Root MSE          = 0.0826

                                  (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                    |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
    Lamt_per_elct1975 |  -.0199534   .0224339    -0.89   0.375    -.0643427    .0244359
           area_1970 |   .0000595   .0000778     0.76   0.446    -.0000945    .0002135
                 eup |  -.0004164   .0076035    -0.05   0.956    -.0154611    .0146284
demo_female_share_1966 |  -.9957817   .4178666    -2.38   0.019    -1.822602   -.1689613
 demo_age_15plus_1966 |  -.4280502   .2903223    -1.47   0.143    -1.002502    .1464021
```

```
  demo_illiterate_1966 |  -.0125092    .0685371     -0.18    0.855     -.1481215      .123103
 demo_pop_ch_1970_1966 |  -.0003934    .0134982     -0.03    0.977     -.0271019     .0263151
               _cons |   .6927067    .2601675      2.66    0.009      .1779208     1.207493
------------------------------------------------------------------------------
(est2 stored)

Linear regression, absorbing indicators           Number of obs     =  1,337
Absorbed variable: CTY_cd                         No. of categories =    129
                                                  F(7, 128)         =   1.44
                                                  Prob > F          = 0.1931
                                                  R-squared         = 0.8544
                                                  Adj R-squared     = 0.8380
                                                  Root MSE          = 0.0826

                                  (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                   |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
    Lamt_per_elct1976 |   .0066404   .0219575     0.30   0.763    -.0368062      .050087
           area_1970 |   .0000673   .0000791     0.85   0.396    -.0000892     .0002237
                 eup |    .001714   .0073733     0.23   0.817    -.0128752     .0163033
demo_female_share_1966 |  -.962014   .4210957    -2.28   0.024    -1.795224    -.1288042
 demo_age_15plus_1966 |  -.4526144   .2834099    -1.60   0.113    -1.013389     .1081605
 demo_illiterate_1966 |  -.0159139   .0689511    -0.23   0.818    -.1523453     .1205176
demo_pop_ch_1970_1966 |   .0027334   .0129802     0.21   0.834    -.0229502      .028417
               _cons |   .6828173   .2617596     2.61   0.010     .1648813     1.200753
------------------------------------------------------------------------------
(est3 stored)

Linear regression, absorbing indicators           Number of obs     =  1,337
Absorbed variable: CTY_cd                         No. of categories =    129
                                                  F(7, 128)         =   1.85
                                                  Prob > F          = 0.0824
                                                  R-squared         = 0.8549
                                                  Adj R-squared     = 0.8386
                                                  Root MSE          = 0.0825

                                  (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                   |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
    Lamt_per_elct1977 |   .0332289   .0167921     1.98   0.050     2.87e-06     .0664549
           area_1970 |    .000077   .0000797     0.97   0.336    -.0000807     .0002346
                 eup |   .0080513   .0081469     0.99   0.325    -.0080687     .0241713
demo_female_share_1966 |  -.9477357   .4218626    -2.25   0.026    -1.782463    -.1130085
 demo_age_15plus_1966 |   -.428298   .2861378    -1.50   0.137    -.9944706     .1378746
```

```
  demo_illiterate_1966 |  -.0103513   .0683119    -0.15   0.880    -.1455181    .1248156
 demo_pop_ch_1970_1966 |   .0124272   .0136627     0.91   0.365    -.0146069    .0394612
               _cons |   .6445256   .2614591     2.47   0.015     .127184    1.161867
------------------------------------------------------------------------------
(est4 stored)

Linear regression, absorbing indicators          Number of obs     =  1,337
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(7, 128)         =   1.32
                                                 Prob > F          = 0.2473
                                                 R-squared         = 0.8544
                                                 Adj R-squared     = 0.8380
                                                 Root MSE          = 0.0826

                                (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                   |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
    Lamt_per_elct1978 |   .0045693   .0176656     0.26   0.796    -.0303852    .0395237
          area_1970 |   .0000688   .0000797     0.86   0.390    -.0000889    .0002266
                eup |   .0024842   .0082395     0.30   0.764    -.0138191    .0187875
demo_female_share_1966 |  -.9610856   .4178876    -2.30   0.023    -1.787948   -.1342237
  demo_age_15plus_1966 |  -.4508937   .2859727    -1.58   0.117     -1.01674    .1149522
  demo_illiterate_1966 |  -.0134698   .0682675    -0.20   0.844    -.1485487    .1216092
 demo_pop_ch_1970_1966 |   .0040629   .0135797     0.30   0.765    -.0228069    .0309327
               _cons |   .6790729   .2589306     2.62   0.010     .1667345    1.191411
------------------------------------------------------------------------------
(est5 stored)

.
. esttab, order(Lamt_per_elct*) b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

--------------------------------------------------------------------------------------------
                            (1)             (2)             (3)             (4)             (5)
                   Delta v~1973    Delta v~1973    Delta v~1973    Delta v~1973    Delta v~1973
--------------------------------------------------------------------------------------------
NVM subsidy per vo~l         0.017
                           (0.019)
NVM subsidy per vo~l                        -0.020
                                          (0.022)
NVM subsidy per vo~l                                         0.007
                                                           (0.022)
NVM subsidy per vo~l                                                         0.033*
                                                                           (0.017)
NVM subsidy per vo~l                                                                         0.005
                                                                                           (0.018)
Area in 1970                 0.000           0.000           0.000           0.000           0.000
```

	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
eup in 1970	0.004	-0.000	0.002	0.008	0.002
	(0.008)	(0.008)	(0.007)	(0.008)	(0.008)
Female pop shar~1966	-0.930*	-0.996*	-0.962*	-0.948*	-0.961*
	(0.423)	(0.418)	(0.421)	(0.422)	(0.418)
Share of pop ag~1966	-0.444	-0.428	-0.453	-0.428	-0.451
	(0.285)	(0.290)	(0.283)	(0.286)	(0.286)
Illiterate pop ~1966	-0.012	-0.013	-0.016	-0.010	-0.013
	(0.068)	(0.069)	(0.069)	(0.068)	(0.068)
Pop change 1966-1970	0.006	-0.000	0.003	0.012	0.004
	(0.013)	(0.013)	(0.013)	(0.014)	(0.014)
Constant	0.655*	0.693**	0.683*	0.645*	0.679**
	(0.262)	(0.260)	(0.262)	(0.261)	(0.259)
Observations	1337	1337	1337	1337	1337
Adjusted R-squared	0.838	0.838	0.838	0.839	0.838

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
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*==
================
. * Appedix Table B4
. * x = Number of beneficiary villages per voter in 1977 (num_1977PERpop)
. * x = NVM subsidy per population (Lamount1977_d_pop)
. * y = difference between the incumbent's vote share and all opposition parties' vote shares (
D_voteDiffSh_78_73)
.
*==
==
. eststo clear

.
. * x = Number of Beneficiary villages per voter in 1977 (num_1977PERpop)
. areg D_TopSh_78_73 num_1977PERpop area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators Number of obs = 1,337
Absorbed variable: CTY_cd No. of categories = 129
F(7, 128) = 1.75
Prob > F = 0.1035
R-squared = 0.8548
Adj R-squared = 0.8385
Root MSE = 0.0825

```
                                  (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                     |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
      num_1977PERpop |   24.85385   13.89295     1.79   0.076    -2.635719    52.34342
          area_1970 |    .000077   .0000797     0.97   0.336    -.0000807    .0002348
                eup |   .0064865   .0079097     0.82   0.414    -.0091642    .0221372
demo_female_share_1966 |  -.952166   .4209029    -2.26   0.025    -1.784994   -.1193376
 demo_age_15plus_1966 |  -.4283407   .2857265    -1.50   0.136    -.9936995     .137018
 demo_illiterate_1966 |  -.0109594   .0683902    -0.16   0.873    -.1462811    .1243623
demo_pop_ch_1970_1966 |   .0104501   .0134736     0.78   0.439    -.0162098     .03711
               _cons |   .6522982   .2607666     2.50   0.014     .1363269    1.168269
------------------------------------------------------------------------------

. eststo
(est1 stored)

.
. * x = NVM subsidy per population ( Lamount1977_d_pop )
. areg D_TopSh_78_73 Lamount1977_d_pop area_1970  eup ///
>  demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,337
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(7, 128)         =   2.39
                                                 Prob > F          =  0.0251
                                                 R-squared         =  0.8554
                                                 Adj R-squared     =  0.8391
                                                 Root MSE          =  0.0823

                                  (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                     |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
    Lamount1977_d_pop |   .0691742   .0247359     2.80   0.006      .02023    .1181185
          area_1970 |   .0000866   .0000795     1.09   0.278    -.0000707    .0002438
                eup |   .0110738   .0082425     1.34   0.181    -.0052354     .027383
demo_female_share_1966 |  -.9235088   .4255029    -2.17   0.032    -1.765439   -.0815787
 demo_age_15plus_1966 |  -.4248056   .2868896    -1.48   0.141    -.9924657    .1428545
 demo_illiterate_1966 |  -.0085417   .0682103    -0.13   0.901    -.1435075    .1264241
demo_pop_ch_1970_1966 |   .0110325   .0146099     0.76   0.452    -.0178757    .0399407
               _cons |   .6258716   .2622996     2.39   0.018      .106867    1.144876
------------------------------------------------------------------------------
```

```
. eststo
(est2 stored)

.
.
. * y = difference between the incumbent's vote share and all opposition parties' vote shares ( D_voteDiffSh_78_73 )
.
. areg D_voteDiffSh_78_73_re Lamt_per_elct1977 area_1970 eup ///
>   demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,337
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(7, 128)         =   1.78
                                                 Prob > F          = 0.0971
                                                 R-squared         = 0.8567
                                                 Adj R-squared     = 0.8406
                                                 Root MSE          = 0.1616

                                    (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
 D_voteDiffSh_78_73_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
----------------------+-------------------------------------------------------
     Lamt_per_elct1977 |   .0625442   .0332206     1.88   0.062    -.0031885     .128277
           area_1970 |   .0001194   .0001539     0.78   0.439    -.0001852      .000424
                 eup |   .0157939   .0160463     0.98   0.327    -.0159564     .0475442
demo_female_share_1966 |  -1.846468   .8278184    -2.23   0.027    -3.484448    -.2084874
  demo_age_15plus_1966 |  -.9082328   .5521791    -1.64   0.102    -2.000813     .1843478
  demo_illiterate_1966 |  -.0284026   .1351856    -0.21   0.834    -.2958903     .2390852
 demo_pop_ch_1970_1966 |   .0247053    .027172     0.91   0.365    -.0290591     .0784697
               _cons |   1.300507   .5137699     2.53   0.013     .2839256     2.317089
------------------------------------------------------------------------------

. eststo
(est3 stored)

.
. esttab, order(num_1977PERpop Lamount1977_d_pop Lamt_per_elct1977) b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------
                      (1)             (2)             (3)
                Delta v~1973    Delta v~1973    Delta V~1973
------------------------------------------------------------
Number of benefici~p        24.854+
                          (13.893)
```

NVM subsidy per p~19		0.069**	
		(0.025)	
NVM subsidy per vo~l			0.063+
			(0.033)
Area in 1970	0.000	0.000	0.000
	(0.000)	(0.000)	(0.000)
eup in 1970	0.006	0.011	0.016
	(0.008)	(0.008)	(0.016)
Female pop shar~1966	-0.952*	-0.924*	-1.846*
	(0.421)	(0.426)	(0.828)
Share of pop ag~1966	-0.428	-0.425	-0.908
	(0.286)	(0.287)	(0.552)
Illiterate pop ~1966	-0.011	-0.009	-0.028
	(0.068)	(0.068)	(0.135)
Pop change 1966-1970	0.010	0.011	0.025
	(0.013)	(0.015)	(0.027)
Constant	0.652*	0.626*	1.301*
	(0.261)	(0.262)	(0.514)
Observations	1337	1337	1337
Adjusted R-squared	0.838	0.839	0.841

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

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*==
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. * Appedix Table B5: the allocation of rural development cash transfers
. * x = Incumbent vote share in 1973 elections
. * y = total NVM subsidy per voter
.
*==
================
.
. eststo clear

. reg total_Lamount_1974_1978_perelect govtparty_E9 ,r

Linear regression	Number of obs	= 1,370
	F(1, 1368)	= 24.14
	Prob > F	= 0.0000
	R-squared	= 0.0173
	Root MSE	= .25532

```
------------------------------------------------------------------------------
             |               Robust
total_Lamo~t | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
govtparty_E9 |   .1830658   .0372617     4.91   0.000     .1099695    .2561621
       _cons |   1.097357   .0163837    66.98   0.000     1.065217    1.129497
------------------------------------------------------------------------------

. eststo
(est1 stored)

.
. areg total_Lamount_1974_1978_perelect govtparty_E9 , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators           Number of obs     =  1,370
Absorbed variable: CTY_cd                         No. of categories =    131
                                                  F(1, 130)         =  19.70
                                                  Prob > F          =  0.0000
                                                  R-squared         =  0.2021
                                                  Adj R-squared     =  0.1176
                                                  Root MSE          =  0.2418

                            (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------
             |               Robust
total_Lamo~t | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
govtparty_E9 |   .5005244   .1127678     4.44   0.000     .2774268     .723622
       _cons |   .9716398   .0446572    21.76   0.000     .8832909    1.059989
------------------------------------------------------------------------------

. eststo
(est2 stored)

.
. areg total_Lamount_1974_1978_perelect govtparty_E9  area_1970 eup, absorb(CTY_cd)
vce(cluster CTY_cd)

Linear regression, absorbing indicators           Number of obs     =  1,370
Absorbed variable: CTY_cd                         No. of categories =    131
                                                  F(3, 130)         =  81.73
                                                  Prob > F          =  0.0000
                                                  R-squared         =  0.3819
                                                  Adj R-squared     =  0.3154
                                                  Root MSE          =  0.2130

                            (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------
```

```
             |               Robust
total_Lamo~t | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
govtparty_E9 |   .3448472   .0972949     3.54   0.001     .1523609    .5373334
   area_1970 |    -.000424   .0001997    -2.12   0.036    -.0008191   -.0000288
         eup |  -.4077122   .0274708   -14.84   0.000    -.4620598   -.3533645
       _cons |   1.096123   .0402295    27.25   0.000     1.016534    1.175713
------------------------------------------------------------------------------

. eststo
(est3 stored)

.
. areg total_Lamount_1974_1978_perelect govtparty_E9 area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966
demo_pop_ch_1970_1966 ///
> , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,368
Absorbed variable: CTY_cd                        No. of categories =    131
                                                 F(7, 130)         =  42.85
                                                 Prob > F          = 0.0000
                                                 R-squared         = 0.4306
                                                 Adj R-squared     = 0.3672
                                                 Root MSE          = 0.2042

                                  (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------
                     |               Robust
total_Lamount_1974_1~t | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------------
          govtparty_E9 |   .3207955   .0930307     3.45   0.001     .1367454    .5048457
             area_1970 |   -.000572   .0002089    -2.74   0.007    -.0009853   -.0001587
                   eup |  -.3346679   .0272293   -12.29   0.000    -.3885379   -.2807979
demo_female_share_1966 |  -2.842319   1.237804    -2.30   0.023    -5.291167   -.3934705
  demo_age_15plus_1966 |   .0258699   .8485078     0.03   0.976    -1.652801    1.704541
  demo_illiterate_1966 |  -.0602914    .132945    -0.45   0.651    -.3233073    .2027244
 demo_pop_ch_1970_1966 |  -.5067057   .0948207    -5.34   0.000    -.6942971   -.3191144
                 _cons |   2.494678   .8030386     3.11   0.002     .9059619    4.083393
------------------------------------------------------------------------------

. eststo
(est4 stored)

.
. areg total_Lamount_1974_1978_perelect govtparty_E9 govtpartySQ_E9 area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966
demo_pop_ch_1970_1966 ///
```

```
> , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,368
Absorbed variable: CTY_cd                        No. of categories =    131
                                                 F(8, 130)         =  40.09
                                                 Prob > F          = 0.0000
                                                 R-squared         = 0.4308
                                                 Adj R-squared     = 0.3669
                                                 Root MSE          = 0.2043

                                    (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------
                        |               Robust
total_Lamount_1974_1~t | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------+------------------------------------------------------------------
          govtparty_E9 |   .1839332   .2838718     0.65   0.518    -.3776732    .7455396
        govtpartySQ_E9 |   .1578886   .3122585     0.51   0.614    -.4598774    .7756547
            area_1970 |  -.0005692   .0002092    -2.72   0.007    -.0009831   -.0001554
                  eup |  -.3343937   .0269969   -12.39   0.000    -.3878038   -.2809836
demo_female_share_1966 |  -2.843685   1.245192    -2.28   0.024    -5.307148   -.3802225
  demo_age_15plus_1966 |   .0293453    .849486     0.03   0.972    -1.651261    1.709952
  demo_illiterate_1966 |  -.0618912   .1331002    -0.46   0.643    -.3252141    .2014316
 demo_pop_ch_1970_1966 |  -.5067195   .0945547    -5.36   0.000    -.6937846   -.3196543
                 _cons |   2.517973   .8067558     3.12   0.002     .9219028    4.114043
------------------------------------------------------------------------------

. eststo
(est5 stored)

.
. esttab, order(govtparty_E9 govtpartySQ_E9) b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------------------------------------
                              (1)             (2)             (3)             (4)             (5)
                     NVM subsid~)    NVM subsid~)    NVM subsid~)    NVM subsid~)    NVM subsid~)
------------------------------------------------------------------------------------------
Incumbent vote ~1973          0.183**         0.501**         0.345**         0.321**         0.184
                            (0.037)         (0.113)         (0.097)         (0.093)         (0.284)
Square of Incumben~i                                                                          0.158
                                                                                            (0.312)
Area in 1970                                               -0.000*         -0.001**        -0.001**
                                                          (0.000)         (0.000)         (0.000)
eup in 1970                                                -0.408**        -0.335**        -0.334**
                                                          (0.027)         (0.027)         (0.027)
Female pop shar~1966                                                       -2.842*         -2.844*
                                                                          (1.238)         (1.245)
```

Share of pop ag~1966			0.026	0.029	
			(0.849)	(0.849)	
Illiterate pop ~1966			-0.060	-0.062	
			(0.133)	(0.133)	
Pop change 1966-1970			-0.507**	-0.507**	
			(0.095)	(0.095)	
Constant	1.097**	0.972**	1.096**	2.495**	2.518**
	(0.016)	(0.045)	(0.040)	(0.803)	(0.807)
Observations	1370	1370	1370	1368	1368
Adjusted R-squared	0.017	0.118	0.315	0.367	0.367

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

```
.
.
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*================================================================
================
. * Table 2 and Appendix B6
. * x = total NVM subsidy per voter  (total_Lamount_1974_1978_perelect),
. * y = Park's vote share in 2012 (E18ConsSh)
.
*================================================================
================
. eststo clear

.
. reg E18ConsSh total_Lamount_1974_1978_perelect, r

Linear regression                               Number of obs     =      1,302
                                                F(1, 1300)        =       3.53
                                                Prob > F          =     0.0605
                                                R-squared         =     0.0022
                                                Root MSE          =     .28247

------------------------------------------------------------------------------
                             |               Robust
                  E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.0519618   .0276609    -1.88   0.061    -.1062268
.0023031
                       _cons |   .5952428   .032846    18.12   0.000     .5308058    .6596798
------------------------------------------------------------------------------

. eststo
(est1 stored)
```

```
.
. areg E18ConsSh total_Lamount_1974_1978_perelect, absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators           Number of obs     =  1,302
Absorbed variable: CTY_cd                         No. of categories =    131
                                                  F(1, 130)         =  20.57
                                                  Prob > F          = 0.0000
                                                  R-squared         = 0.9790
                                                  Adj R-squared     = 0.9766
                                                  Root MSE          = 0.0432

                                                 (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                     E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0259889   .0057303     4.54   0.000     .0146522
.0373256
                         _cons |   .5036259   .0067349    74.78   0.000     .4903017    .5169501
------------------------------------------------------------------------------------------------

. eststo
(est2 stored)

.
. areg E18ConsSh total_Lamount_1974_1978_perelect area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators           Number of obs     =  1,300
Absorbed variable: CTY_cd                         No. of categories =    131
                                                  F(7, 130)         =   8.78
                                                  Prob > F          = 0.0000
                                                  R-squared         = 0.9796
                                                  Adj R-squared     = 0.9772
                                                  Root MSE          = 0.0427

                                                 (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                     E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0145286    .006877     2.11   0.037     .0009233
.028134
                    area_1970 |    .000065   .0000458     1.42   0.159    -.0000257    .0001556
                          eup |  -.0163088   .0063737    -2.56   0.012    -.0289185   -.0036991
          demo_female_share_1966 |   .4565349   .3338896     1.37   0.174    -.2040258
```

```
1.117095
           demo_age_15plus_1966 |  -.3978965    .1660789     -2.40    0.018     -.7264638
-.0693292
           demo_illiterate_1966 |   .0575533    .0249922      2.30    0.023      .0081092    .1069974
          demo_pop_ch_1970_1966 |  -.0139424    .0206388     -0.68    0.501     -.0547738
.026889
                       _cons |   .4803479    .1854301      2.59    0.011      .1134967    .8471992
------------------------------------------------------------------------------------------------

. eststo
(est3 stored)

.
.
. areg E18ConsSh total_Lamount_1974_1978_perelect area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh, absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,300
Absorbed variable: CTY_cd                        No. of categories =    131
                                                 F(8, 130)         =  28.02
                                                 Prob > F          = 0.0000
                                                 R-squared         = 0.9858
                                                 Adj R-squared     = 0.9841
                                                 Root MSE          = 0.0356

                                                (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                    E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0120627   .0059388     2.03   0.044      .0003134
.023812
                    area_1970 |   .0001121    .000044     2.55   0.012       .000025    .0001992
                         eup |  -.0184561    .005317    -3.47   0.001     -.0289752    -.007937
          demo_female_share_1966 |   .3732306   .3064371     1.22   0.225     -.2330185
.9794797
           demo_age_15plus_1966 |  -.5059664   .1310175    -3.86   0.000      -.765169
-.2467639
           demo_illiterate_1966 |   .0241925    .021564     1.12   0.264     -.0184693    .0668543
          demo_pop_ch_1970_1966 |  -.0096322   .0139192    -0.69   0.490     -.0371696
.0179052
                    E17ConsSh |   .6802758   .0631903    10.77   0.000      .5552614    .8052902
                       _cons |   .3203459   .1726618     1.86   0.066     -.0212448    .6619366
------------------------------------------------------------------------------------------------

. eststo
(est4 stored)
```

```
.
.
. esttab, b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------------------------
                              (1)             (2)             (3)             (4)
                    Park's ~2012    Park's ~2012    Park's ~2012    Park's ~2012
------------------------------------------------------------------------------
NVM subsidy per vo~)       -0.052+          0.026**         0.015*          0.012*
                          (0.028)         (0.006)         (0.007)         (0.006)
Area in 1970                                               0.000           0.000*
                                                          (0.000)         (0.000)
eup in 1970                                               -0.016*         -0.018**
                                                          (0.006)         (0.005)
Female pop shar~1966                                       0.457           0.373
                                                          (0.334)         (0.306)
Share of pop ag~1966                                      -0.398*         -0.506**
                                                          (0.166)         (0.131)
Illiterate pop ~1966                                       0.058*          0.024
                                                          (0.025)         (0.022)
Pop change 1966-1970                                      -0.014          -0.010
                                                          (0.021)         (0.014)
Lee's vote share                                                           0.680**
                                                                          (0.063)
Constant                   0.595**         0.504**         0.480*          0.320+
                          (0.033)         (0.007)         (0.185)         (0.173)
------------------------------------------------------------------------------
Observations                 1302            1302            1300            1300
Adjusted R-squared          0.001           0.977           0.977           0.984
------------------------------------------------------------------------------
Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

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*============================================================
==================
. * Appendix Table B7
. * regionalism: Models (1) and (4) for all regions, models (2) and (5) for Honam,
. *                          and Models (3) and (6) for Youngnam.
.
. * For Models (1) to (3),
. * x = NVM subsidy per voter in 1977  (Lamt_per_elct1977 )
. * y = incumbent vote share difference in 1978 and 1973 election (D_TopSh_78_73)
.
```

```
. * For Models (4) to (6),
. * x = total NVM subsidy per voter (total_Lamount_1974_1978_perelect)
. * y = Park's vote share in 2012 (E18ConsSh)
.
*=================================================================
==================
. eststo clear


.
. * 1978, all
. areg D_TopSh_78_73 Lamt_per_elct1977 area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =  1,337
Absorbed variable: CTY_cd                        No. of categories =    129
                                                 F(7, 128)         =   1.85
                                                 Prob > F          = 0.0824
                                                 R-squared         = 0.8549
                                                 Adj R-squared     = 0.8386
                                                 Root MSE          = 0.0825

                                  (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
                   |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------+--------------------------------------------------------
    Lamt_per_elct1977 |   .0332289   .0167921     1.98   0.050     2.87e-06    .0664549
          area_1970 |    .000077   .0000797     0.97   0.336    -.0000807    .0002346
                eup |   .0080513   .0081469     0.99   0.325    -.0080687    .0241713
demo_female_share_1966 |  -.9477357   .4218626    -2.25   0.026    -1.782463   -.1130085
  demo_age_15plus_1966 |   -.428298   .2861378    -1.50   0.137    -.9944706    .1378746
  demo_illiterate_1966 |  -.0103513   .0683119    -0.15   0.880    -.1455181    .1248156
 demo_pop_ch_1970_1966 |   .0124272   .0136627     0.91   0.365    -.0146069    .0394612
               _cons |   .6445256   .2614591     2.47   0.015     .127184     1.161867
------------------------------------------------------------------------------

. eststo
(est1 stored)


.
. * 1978, honam
. areg D_TopSh_78_73 Lamt_per_elct1977 area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 if (PRV_cd == 35|PRV_cd == 36), absorb(CTY_cd) vce(cluster
CTY_cd)

Linear regression, absorbing indicators          Number of obs     =    362
```

```
Absorbed variable: CTY_cd                       No. of categories =      33
                                                F(7, 32)          =    0.76
                                                Prob > F          =  0.6222
                                                R-squared         =  0.8847
                                                Adj R-squared     =  0.8707
                                                Root MSE          =  0.0800

                                   (Std. err. adjusted for 33 clusters in CTY_cd)
------------------------------------------------------------------------------
                    |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
----------------------+-------------------------------------------------------------
    Lamt_per_elct1977 |   .0565989   .0324821     1.74   0.091    -.0095651    .1227628
          area_1970 |   .0000791   .0002598     0.30   0.763       -.00045    .0006082
                eup |  -.0041756   .0161496    -0.26   0.798    -.0370712       .02872
demo_female_share_1966 |  -.4752444   .9522165    -0.50   0.621    -2.414846    1.464357
 demo_age_15plus_1966 |  -.0078117   .4345359    -0.02   0.986    -.8929323    .8773089
 demo_illiterate_1966 |     .07809   .0957172     0.82   0.421    -.1168795    .2730596
demo_pop_ch_1970_1966 |  -.1023727   .1070969    -0.96   0.346     -.320522    .1157766
              _cons |   .1375086   .6144057     0.22   0.824    -1.113995    1.389012
------------------------------------------------------------------------------

. eststo
(est2 stored)


.
. * 1978, yongnam
. areg D_TopSh_78_73 Lamt_per_elct1977 area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 if (PRV_cd == 37|PRV_cd == 38), absorb(CTY_cd) vce(cluster
CTY_cd)

Linear regression, absorbing indicators         Number of obs     =        429
Absorbed variable: CTY_cd                       No. of categories =         40
                                                F(7, 39)          =       3.42
                                                Prob > F          =     0.0060
                                                R-squared         =     0.8637
                                                Adj R-squared     =     0.8473
                                                Root MSE          =     0.0846

                                   (Std. err. adjusted for 40 clusters in CTY_cd)
------------------------------------------------------------------------------
                    |               Robust
       D_TopSh_78_73 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
----------------------+-------------------------------------------------------------
    Lamt_per_elct1977 |   .0251146   .0261139     0.96   0.342    -.0277059     .077935
          area_1970 |   .0000783   .0001713     0.46   0.650    -.0002682    .0004248
                eup |   .0041855   .0124387     0.34   0.738    -.0209742    .0293452
```

```
demo_female_share_1966 |  -2.337896    .739895    -3.16   0.003    -3.834475   -.8413169
  demo_age_15plus_1966 |  -1.307357   .5487716    -2.38   0.022    -2.417352   -.1973616
  demo_illiterate_1966 |  -.0683488   .1304417    -0.52   0.603    -.3321919    .1954944
 demo_pop_ch_1970_1966 |  -.0528374   .0710844    -0.74   0.462    -.1966192    .0909445
               _cons |   1.820302   .4399304     4.14   0.000     .9304592    2.710146
------------------------------------------------------------------------------

. eststo
(est3 stored)

.
.
.
. * 2012, all
. areg E18ConsSh total_Lamount_1974_1978_perelect area_1970  eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh ///
> , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators             Number of obs     =  1,300
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(8, 130)         =  28.02
                                                    Prob > F          = 0.0000
                                                    R-squared         = 0.9858
                                                    Adj R-squared     = 0.9841
                                                    Root MSE          = 0.0356

                                                  (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                   E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0120627   .0059388     2.03   0.044     .0003134
.023812
                  area_1970 |   .0001121    .000044     2.55   0.012      .000025    .0001992
                       eup |  -.0184561    .005317    -3.47   0.001    -.0289752    -.007937
        demo_female_share_1966 |   .3732306   .3064371     1.22   0.225    -.2330185
.9794797
          demo_age_15plus_1966 |  -.5059664   .1310175    -3.86   0.000     -.765169
-.2467639
          demo_illiterate_1966 |   .0241925    .021564     1.12   0.264    -.0184693    .0668543
         demo_pop_ch_1970_1966 |  -.0096322   .0139192    -0.69   0.490    -.0371696
.0179052
                  E17ConsSh |   .6802758   .0631903    10.77   0.000     .5552614    .8052902
                      _cons |   .3203459   .1726618     1.86   0.066    -.0212448    .6619366
------------------------------------------------------------------------------

. eststo
```

(est4 stored)

```
.
. * 2012 honam
. areg E18ConsSh total_Lamount_1974_1978_perelect area_1970  eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh if (PRV_cd == 35|PRV_cd == 36) ///
> , absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =        373
Absorbed variable: CTY_cd                        No. of categories =         35
                                                 F(8, 34)          =      10.74
                                                 Prob > F          =     0.0000
                                                 R-squared         =     0.7679
                                                 Adj R-squared     =     0.7384
                                                 Root MSE          =     0.0176

                                                 (Std. err. adjusted for 35 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                  E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0064099   .0059358     1.08   0.288    -.0056532    .0184729
                  area_1970 |   .0000139   .0000597     0.23   0.817    -.0001074    .0001352
                       eup |  -.0026416    .00475    -0.56   0.582    -.0122947    .0070115
        demo_female_share_1966 |  -.2101847   .1944271    -1.08   0.287    -.6053082    .1849387
         demo_age_15plus_1966 |  -.1808454   .1309704    -1.38   0.176    -.4470093    .0853185
         demo_illiterate_1966 |  -.0008476   .0291941    -0.03   0.977    -.0601771    .0584819
        demo_pop_ch_1970_1966 |   .0073431   .0258691     0.28   0.778    -.0452293    .0599155
                  E17ConsSh |   .8231037   .1695593     4.85   0.000     .4785177     1.16769
                      _cons |   .2490956   .0907969     2.74   0.010     .0645742    .4336171
------------------------------------------------------------------------------

. eststo
(est5 stored)

.
. * 2012 yongnam
.
. areg E18ConsSh total_Lamount_1974_1978_perelect area_1970  eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh if (PRV_cd == 37|PRV_cd == 38) ///
> , absorb(CTY_cd) vce(cluster CTY_cd)
```

```
Linear regression, absorbing indicators                Number of obs     =        419
Absorbed variable: CTY_cd                              No. of categories =         40
                                                       F(8, 39)          =      20.25
                                                       Prob > F          =     0.0000
                                                       R-squared         =     0.8927
                                                       Adj R-squared     =     0.8791
                                                       Root MSE          =     0.0319

                                                       (Std. err. adjusted for 40 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                    E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |     .01297   .0068979     1.88   0.068    -.0009822
.0269223
                    area_1970 |   .0001345   .0000824     1.63   0.111    -.0000322    .0003011
                          eup |  -.0140416   .0062817    -2.24   0.031    -.0267475   -.0013357
          demo_female_share_1966 |   .1834257   .5277867     0.35   0.730    -.8841236
1.250975
           demo_age_15plus_1966 |  -.4440445   .2195238    -2.02   0.050    -.8880732
-.0000157
            demo_illiterate_1966 |   .0379862   .0296564     1.28   0.208    -.0219995     .097972
           demo_pop_ch_1970_1966 |  -.0366425   .0192477    -1.90   0.064    -.0755746
.0022896
                    E17ConsSh |   .6440951   .0762046     8.45   0.000     .4899567    .7982334
                        _cons |    .475504   .3321087     1.43   0.160    -.1962491    1.147257
------------------------------------------------------------------------------------------------

. eststo
(est6 stored)

.
.
. esttab, order( Lamt_per_elct1977 total_Lamount_1974_1978_perelect )  b(%12.3fc) se ar2 nogap
label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------------------------------------------------------
--
                              (1)            (2)            (3)            (4)            (5)            (6)
                     Delta v~1973   Delta v~1973   Delta v~1973   Park's ~2012   Park's ~2012
Park's ~2012
------------------------------------------------------------------------------------------------------------
--
NVM subsidy per vo~l         0.033*         0.057+         0.025

                            (0.017)        (0.032)        (0.026)
NVM subsidy per vo~)                                                   0.012*         0.006         0.013+
```

				(0.006)	(0.006)	(0.007)
Area in 1970	0.000	0.000	0.000	0.000*	0.000	0.000
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
eup in 1970	0.008	-0.004	0.004	-0.018**	-0.003	-0.014*
	(0.008)	(0.016)	(0.012)	(0.005)	(0.005)	(0.006)
Female pop shar~1966	-0.948*	-0.475	-2.338**	0.373	-0.210	0.183
	(0.422)	(0.952)	(0.740)	(0.306)	(0.194)	(0.528)
Share of pop ag~1966	-0.428	-0.008	-1.307*	-0.506**	-0.181	-0.444*
	(0.286)	(0.435)	(0.549)	(0.131)	(0.131)	(0.220)
Illiterate pop ~1966	-0.010	0.078	-0.068	0.024	-0.001	0.038
	(0.068)	(0.096)	(0.130)	(0.022)	(0.029)	(0.030)
Pop change 1966-1970	0.012	-0.102	-0.053	-0.010	0.007	-0.037+
	(0.014)	(0.107)	(0.071)	(0.014)	(0.026)	(0.019)
Lee's vote share				0.680**	0.823**	0.644**
				(0.063)	(0.170)	(0.076)
Constant	0.645*	0.138	1.820**	0.320+	0.249**	0.476
	(0.261)	(0.614)	(0.440)	(0.173)	(0.091)	(0.332)
Observations	1337	362	429	1300	373	419
Adjusted R-squared	0.839	0.871	0.847	0.984	0.738	0.879

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

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.
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*==
. * Table 3's Models (1) and (2) and Appendix B8
.
*==
. eststo clear

.
.

```
. mixed E18ConsSh total_Lamount_1974_1978_perelect area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966  || PRV_cd: || CTY_cd:

Performing EM optimization ...

Performing gradient-based optimization:
Iteration 0:  Log likelihood =  2102.1354
Iteration 1:  Log likelihood =  2102.1354

Computing standard errors ...

Mixed-effects ML regression                     Number of obs =  1,300

        Grouping information
        -------------------------------------------------------------
                        |     No. of       Observations per group
         Group variable |     groups    Minimum    Average    Maximum
        ----------------+--------------------------------------------
                PRV_cd |          9         13      144.4        242
                CTY_cd |        131          3        9.9         18
        -------------------------------------------------------------

                                                Wald chi2(7)  =  74.19
Log likelihood =  2102.1354                     Prob > chi2   = 0.0000

------------------------------------------------------------------------------------------
                   E18ConsSh | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-----------------------------+------------------------------------------------------------
total_Lamount_1974_1978_perelect |    .016526   .0059731     2.77   0.006     .0048189
.0282332
                  area_1970 |   .0000521   .0000393     1.33   0.185    -.0000249    .0001291
                        eup |  -.0145471   .0051409    -2.83   0.005     -.024623   -.0044711
        demo_female_share_1966 |    .401064   .2203091     1.82   0.069    -.0307338
.8328618
         demo_age_15plus_1966 |  -.3967309   .1196142    -3.32   0.001    -.6311704
-.1622913
         demo_illiterate_1966 |   .0706601   .0235323     3.00   0.003     .0245376    .1167826
        demo_pop_ch_1970_1966 |  -.0223239    .010741    -2.08   0.038    -.0433759
-.0012718
                        _cons |   .5063812   .1508491     3.36   0.001     .2107224      .80204
------------------------------------------------------------------------------------------

------------------------------------------------------------------------------
  Random-effects parameters  |   Estimate   Std. err.      [95% conf. interval]
-----------------------------+------------------------------------------------
PRV_cd: Identity             |
                 var(_cons) |   .0579074   .0273367      .0229564    .1460716
```

```
-----------------------------+------------------------------------------------
CTY_cd: Identity             |
                  var(_cons) |    .001161   .0001778         .00086    .0015674
-----------------------------+------------------------------------------------
               var(Residual) |   .0018137   .0000752       .0016722    .0019671
------------------------------------------------------------------------------
LR test vs. linear model: chi2(2) = 4398.46                   Prob > chi2 = 0.0000

Note: LR test is conservative and provided only for reference.

. eststo
(est1 stored)

.
.
.
. mixed E18ConsSh total_Lamount_1974_1978_perelect area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh|| PRV_cd: || CTY_cd:

Performing EM optimization ...

Performing gradient-based optimization:
Iteration 0:  Log likelihood =  2314.7162
Iteration 1:  Log likelihood =  2314.7162

Computing standard errors ...

Mixed-effects ML regression                     Number of obs =  1,300

        Grouping information
        -------------------------------------------------------------
                        |     No. of       Observations per group
         Group variable |     groups    Minimum    Average    Maximum
        ----------------+--------------------------------------------
                PRV_cd |          9         13      144.4        242
                CTY_cd |        131          3        9.9         18
        -------------------------------------------------------------

                                                Wald chi2(8)  = 625.00
Log likelihood =  2314.7162                     Prob > chi2   = 0.0000

------------------------------------------------------------------------------------------------
                     E18ConsSh | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0124244   .0050158     2.48   0.013     .0025937
.0222551
                     area_1970 |   .0000987   .0000332     2.97   0.003     .0000336    .0001639
```

```
                        eup |  -.0172188   .0043078    -4.00   0.000     -.025662   -.0087756
demo_female_share_1966 |   .3202223   .1856743     1.72   0.085    -.0436926
.6841372
          demo_age_15plus_1966 |  -.5233186   .1028518    -5.09   0.000    -.7249045
-.3217328
           demo_illiterate_1966 |   .0294487    .020002     1.47   0.141    -.0097546    .0686519
          demo_pop_ch_1970_1966 |  -.0152439   .0090286    -1.69   0.091    -.0329395
.0024518
                     E17ConsSh |   .6546703    .028568    22.92   0.000     .598678    .7106626
                         _cons |   .3741669   .1157964     3.23   0.001     .1472102    .6011236
------------------------------------------------------------------------------------------------

------------------------------------------------------------------------------
  Random-effects parameters  |   Estimate   Std. err.      [95% conf. interval]
-----------------------------+------------------------------------------------
PRV_cd: Identity             |
                  var(_cons) |   .0149736   .0071841       .005847    .0383462
-----------------------------+------------------------------------------------
CTY_cd: Identity             |
                  var(_cons) |    .001335   .0001928      .0010059    .0017717
-----------------------------+------------------------------------------------
               var(Residual) |   .0012633   .0000523      .0011647    .0013701
------------------------------------------------------------------------------
LR test vs. linear model: chi2(2) = 2342.86                   Prob > chi2 = 0.0000

Note: LR test is conservative and provided only for reference.

. eststo
(est2 stored)

.
.
. esttab, keep(total_Lamount_1974_1978_perelect area_1970 eup demo_female_share_1966
demo_age_15plus_1966 ///
> demo_illiterate_1966 demo_pop_ch_1970_1966      E17ConsSh _cons) b(%12.3fc)  se r2 ar2
nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------
                      (1)             (2)
                 Park's ~2012    Park's ~2012
------------------------------------------------
Park's vote sha~2012
NVM subsidy per vo~)         0.017**         0.012*
                    (0.006)         (0.005)
Area in 1970                 0.000           0.000**
                    (0.000)         (0.000)
eup in 1970                 -0.015**        -0.017**
                    (0.005)         (0.004)
```

Female pop shar~1966	0.401+	0.320+
	(0.220)	(0.186)
Share of pop ag~1966	-0.397**	-0.523**
	(0.120)	(0.103)
Illiterate pop ~1966	0.071**	0.029
	(0.024)	(0.020)
Pop change 1966-1970	-0.022*	-0.015+
	(0.011)	(0.009)
Lee's vote share		0.655**
		(0.029)
Constant	0.506**	0.374**
	(0.151)	(0.116)
lns1_1_1		
Constant	-1.424**	-2.101**
	(0.236)	(0.240)
lns2_1_1		
Constant	-3.379**	-3.309**
	(0.077)	(0.072)
lnsig_e		
Constant	-3.156**	-3.337**
	(0.021)	(0.021)
Observations	1300	1300
R-squared		
Adjusted R-squared		

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
.
.
*==========
==========
. * Table 3's Models (3) and (4) and Appendix B9
. * Instrumental Variable Analysis
. * x = total NVM subsidy per voter (total_Lamount_1974_1978_perelect)
. * y = Park's vote share for Model (1)
. * y = Lee's vote share for Model (2)
. * IV = te_median1 ts_median1
.
*==========
==========
. eststo clear

```
.
. foreach x of var total_Lamount_1974_1978_perelect  {
  2.
.           ivregress 2sls E18ConsSh area_1970 eup ///
>            demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966
demo_pop_ch_1970_1966 ///
>           E17ConsSh i.CTY_cd (`x'=te_median1 ts_median1 ) , vce(cluster CTY_cd) first
  3.
.
. }
note: 31400.CTY_cd identifies no observations in the sample.
note: 31410.CTY_cd identifies no observations in the sample.
note: 31420.CTY_cd identifies no observations in the sample.
note: 31430.CTY_cd identifies no observations in the sample.
note: 38320.CTY_cd identifies no observations in the sample.
note: 38330.CTY_cd identifies no observations in the sample.
note: 38490.CTY_cd identifies no observations in the sample.

First-stage regressions
-----------------------

                                                Number of obs    =  1,300
                                                No. of clusters =    131
                                                F(9, 1160)       =  31.30
                                                Prob > F         = 0.0000
                                                R-squared        = 0.4485
                                                Adj R-squared    = 0.3824
                                                Root MSE         = 0.1999

------------------------------------------------------------------------------
                        |               Robust
total_Lamount_1974_1~t | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------+------------------------------------------------------------------
            area_1970 |  -.0015443   .0003008    -5.13   0.000    -.0021346   -.0009541
                  eup |  -.3005495   .0268404   -11.20   0.000    -.3532106   -.2478883
demo_female_share_1966 |  -2.237145   1.331743    -1.68   0.093     -4.85004    .3757495
  demo_age_15plus_1966 |   .1873833   .8874666     0.21   0.833    -1.553836    1.928603
  demo_illiterate_1966 |   .0013004   .1413737     0.01   0.993    -.2760763    .2786771
 demo_pop_ch_1970_1966 |  -.5047425   .0813651    -6.20   0.000    -.6643818   -.3451033
            E17ConsSh |   .1612012   .1938067     0.83   0.406    -.2190496    .5414521
                      |
              CTY_cd |
              31330  |   .0567294   .0223552     2.54   0.011     .0128682    .1005906
              31340  |   .1401274   .0189535     7.39   0.000     .1029405    .1773143
              31350  |    .17136   .0210377     8.15   0.000     .1300838    .2126361
              31360  |   .0180277   .0248211     0.73   0.468    -.0306716     .066727
              31370  |  -.0247108   .0234597    -1.05   0.292    -.0707391    .0213174
```

31380	-.0728391	.0162381	-4.49	0.000	-.1046984	-.0409797
31390	.1112502	.0339309	3.28	0.001	.0446774	.177823
31400	0	(empty)				
31410	0	(empty)				
31420	0	(empty)				
31430	0	(empty)				
31440	.1284912	.0250835	5.12	0.000	.0792771	.1777054
31450	.0744027	.0189973	3.92	0.000	.0371298	.1116755
31460	.0816581	.0211404	3.86	0.000	.0401803	.1231358
31470	.0279998	.0227663	1.23	0.219	-.0166679	.0726675
31850	.0151931	.0272616	0.56	0.577	-.0382944	.0686806
31860	.4373681	.0218574	20.01	0.000	.3944837	.4802526
32310	-.0142267	.0324554	-0.44	0.661	-.0779046	.0494512
32320	-.0261209	.0405872	-0.64	0.520	-.1057535	.0535117
32330	-.1113371	.0342565	-3.25	0.001	-.1785487	-.0441255
32340	-.1848195	.0320121	-5.77	0.000	-.2476275	-.1220115
32350	-.0318293	.0308837	-1.03	0.303	-.0924236	.0287649
32360	-.1803667	.0445941	-4.04	0.000	-.2678607	-.0928726
32370	-.1528424	.0483429	-3.16	0.002	-.2476917	-.057993
32380	.3456877	.0229111	15.09	0.000	.3007358	.3906395
32390	.0395296	.0477135	0.83	0.408	-.0540849	.1331441
32400	.1665398	.0472916	3.52	0.000	.0737531	.2593266
32410	.1038487	.065838	1.58	0.115	-.0253261	.2330236
32420	.2556342	.0243275	10.51	0.000	.2079035	.303365
32430	.1849957	.032855	5.63	0.000	.1205338	.2494576
32820	.0603058	.0275693	2.19	0.029	.0062144	.1143971
32830	.2194102	.0302105	7.26	0.000	.1601369	.2786835
33310	-.1051526	.0388853	-2.70	0.007	-.181446	-.0288592
33320	-.0529948	.0514681	-1.03	0.303	-.1539757	.0479861
33330	-.0933768	.0495189	-1.89	0.060	-.1905334	.0037797
33340	-.0159529	.0304932	-0.52	0.601	-.0757808	.043875
33350	.0478935	.0443189	1.08	0.280	-.0390606	.1348476
33360	-.0719231	.0394972	-1.82	0.069	-.1494171	.0055709
33370	-.0082004	.0393008	-0.21	0.835	-.0853089	.0689082
33380	-.1417441	.0373045	-3.80	0.000	-.2149359	-.0685522
33390	-.0811683	.0370121	-2.19	0.029	-.1537864	-.0085502
33400	-.2940866	.0412673	-7.13	0.000	-.3750534	-.2131198
34310	-.1394578	.0550374	-2.53	0.011	-.2474418	-.0314738
34320	-.1781875	.0470914	-3.78	0.000	-.2705813	-.0857938
34330	-.0779619	.0624594	-1.25	0.212	-.2005079	.0445841
34340	-.1855281	.0637594	-2.91	0.004	-.3106247	-.0604315
34350	-.022304	.0625869	-0.36	0.722	-.1451003	.1004922
34360	-.0199085	.0587706	-0.34	0.735	-.135217	.0954
34370	.0519237	.0524603	0.99	0.322	-.051004	.1548514
34380	.0449667	.0540067	0.83	0.405	-.0609951	.1509284
34390	-.0686722	.0643555	-1.07	0.286	-.1949385	.057594
34400	.0810548	.0556653	1.46	0.146	-.0281611	.1902707
34410	-.0665694	.0766573	-0.87	0.385	-.2169718	.083833

34420	.0858563	.0423545	2.03	0.043	.0027563	.1689564
34430	-.1113503	.0417418	-2.67	0.008	-.1932482	-.0294523
34850	-.0235231	.0423589	-0.56	0.579	-.1066318	.0595856
34860	.00048	.0422462	0.01	0.991	-.0824076	.0833675
35310	.0982962	.0978102	1.00	0.315	-.0936085	.2902009
35320	.0663228	.0976594	0.68	0.497	-.125286	.2579316
35330	.0131299	.0927988	0.14	0.888	-.1689423	.1952021
35340	-.0482268	.1018314	-0.47	0.636	-.2480212	.1515676
35350	.1375543	.1006804	1.37	0.172	-.0599817	.3350903
35360	.1925721	.1017604	1.89	0.059	-.007083	.3922272
35370	.0975261	.1043102	0.93	0.350	-.1071317	.3021839
35380	-.0157367	.1027651	-0.15	0.878	-.2173629	.1858896
35390	.0761011	.1021438	0.75	0.456	-.1243062	.2765085
35400	.1128359	.0990666	1.14	0.255	-.0815338	.3072056
35840	.1395108	.099966	1.40	0.163	-.0566236	.3356452
35850	.1142888	.0912419	1.25	0.211	-.0647289	.2933064
35860	.0265011	.0918234	0.29	0.773	-.1536574	.2066597
36310	.1164587	.099194	1.17	0.241	-.078161	.3110784
36320	.0162613	.1006976	0.16	0.872	-.1813085	.2138311
36330	.1030761	.107165	0.96	0.336	-.1071827	.313335
36340	-.0465774	.1077345	-0.43	0.666	-.2579538	.164799
36350	.1128955	.1008039	1.12	0.263	-.0848829	.310674
36360	.0252244	.0944913	0.27	0.790	-.1601686	.2106173
36370	-.0708865	.1008358	-0.70	0.482	-.2687273	.1269544
36380	.0598298	.0950733	0.63	0.529	-.1267052	.2463647
36390	.1314303	.0921825	1.43	0.154	-.0494328	.3122934
36400	.0207466	.1014144	0.20	0.838	-.1782296	.2197229
36410	.0501296	.0984073	0.51	0.611	-.1429467	.2432058
36420	.1395826	.0944324	1.48	0.140	-.0456949	.3248601
36430	.22644	.0973804	2.33	0.020	.0353784	.4175015
36440	.0213007	.0949777	0.22	0.823	-.1650467	.2076481
36450	.0425805	.0950922	0.45	0.654	-.1439916	.2291525
36460	.0362076	.0994324	0.36	0.716	-.15888	.2312951
36470	-.0144535	.10154	-0.14	0.887	-.2136761	.1847692
36480	.0759322	.0980145	0.77	0.439	-.1163733	.2682377
36490	.1210431	.0979734	1.24	0.217	-.0711818	.3132679
36500	.3821238	.0965217	3.96	0.000	.1927471	.5715004
36510	.2980852	.0963371	3.09	0.002	.1090708	.4870996
36520	.3584805	.0960521	3.73	0.000	.1700252	.5469358
37310	-.2161585	.0285572	-7.57	0.000	-.2721881	-.1601289
37320	-.0232663	.0374553	-0.62	0.535	-.096754	.0502214
37330	-.0838861	.0350333	-2.39	0.017	-.1526218	-.0151505
37340	-.184809	.0299999	-6.16	0.000	-.2436691	-.1259489
37350	-.1217904	.0430241	-2.83	0.005	-.2062042	-.0373765
37360	-.0914678	.0445786	-2.05	0.040	-.1789316	-.004004
37370	-.0719673	.0569325	-1.26	0.206	-.1836695	.0397349
37380	-.0199285	.0643845	-0.31	0.757	-.1462516	.1063947
37390	-.1867321	.0455704	-4.10	0.000	-.2761418	-.0973224

37400	-.0493177	.0374709	-1.32	0.188	-.1228361	.0242006
37410	-.0526509	.0312011	-1.69	0.092	-.1138678	.008566
37420	-.1728128	.0303613	-5.69	0.000	-.2323819	-.1132436
37430	-.0564662	.0261112	-2.16	0.031	-.1076966	-.0052358
37440	-.1375339	.0293689	-4.68	0.000	-.1951561	-.0799117
37450	-.2238343	.0264928	-8.45	0.000	-.2758135	-.1718551
37460	-.2285752	.0337239	-6.78	0.000	-.2947417	-.1624086
37470	-.178874	.0344924	-5.19	0.000	-.2465486	-.1111995
37480	-.1870597	.0311802	-6.00	0.000	-.2482355	-.1258838
37490	-.0869178	.0355054	-2.45	0.015	-.1565798	-.0172559
37500	-.1298175	.0286192	-4.54	0.000	-.1859686	-.0736663
37520	.0080277	.0337065	0.24	0.812	-.0581049	.0741603
37530	-.1459883	.0381206	-3.83	0.000	-.2207814	-.0711953
37540	.0384896	.0405718	0.95	0.343	-.0411127	.1180919
37550	-.2551754	.0469914	-5.43	0.000	-.3473731	-.1629777
38310	.0486064	.0188417	2.58	0.010	.0116387	.0855741
38320	0	(empty)				
38330	0	(empty)				
38340	-.1367569	.0183662	-7.45	0.000	-.1727915	-.1007223
38350	-.2002629	.0235236	-8.51	0.000	-.2464165	-.1541093
38360	.0371873	.0303883	1.22	0.221	-.0224349	.0968095
38370	-.0010796	.0239611	-0.05	0.964	-.0480916	.0459323
38380	-.0011198	.0262086	-0.04	0.966	-.0525413	.0503017
38390	.036037	.0269376	1.34	0.181	-.016815	.0888889
38400	.2609921	.0408881	6.38	0.000	.1807691	.3412151
38410	.068887	.0378873	1.82	0.069	-.0054484	.1432223
38420	.1206697	.0241765	4.99	0.000	.0732351	.1681043
38430	.0833362	.0210608	3.96	0.000	.0420147	.1246577
38440	-.0553781	.030622	-1.81	0.071	-.1154589	.0047026
38450	.0302335	.0276537	1.09	0.274	-.0240234	.0844904
38460	-.027734	.025807	-1.07	0.283	-.0783676	.0228995
38470	-.1297973	.0315537	-4.11	0.000	-.1917061	-.0678886
38480	-.1057027	.0345587	-3.06	0.002	-.1735072	-.0378982
38490	0	(empty)				
39310	.0408583	.0768571	0.53	0.595	-.1099361	.1916527
39320	.0546834	.0630135	0.87	0.386	-.0689499	.1783166
te_median1	.335056	.1430391	2.34	0.019	.0544117	.6157003
ts_median1	.0168306	.006455	2.61	0.009	.0041658	.0294953
_cons	2.076274	.8532835	2.43	0.015	.4021225	3.750426

Instrumental variables 2SLS regression Number of obs = 1,300
Wald chi2(138) = 270.80
Prob > chi2 = 0.0000
R-squared = 0.9849
Root MSE = .03472

(Std. err. adjusted for 131 clusters in CTY_cd)

E18ConsSh	Coefficient	Robust std. err.	z	P>|z|	[95% conf. interval]	
total_Lamount_1974_1978_perelect	.0556091	.0215767	2.58	0.010	.0133195	.0978987
area_1970	.0001365	.0000459	2.98	0.003	.0000466	.0002264
eup	-.0043544	.007788	-0.56	0.576	-.0196186	.0109099
demo_female_share_1966	.5014401	.3193537	1.57	0.116	-.1244815	1.127362
demo_age_15plus_1966	-.5039252	.1197589	-4.21	0.000	-.7386484	-.269202
demo_illiterate_1966	.0267827	.020587	1.30	0.193	-.0135671	.0671324
demo_pop_ch_1970_1966	.0120211	.0155381	0.77	0.439	-.018433	.0424753
E17ConsSh	.6746726	.0598423	11.27	0.000	.5573839	.7919613
CTY_cd						
31330	.0991698	.0039376	25.19	0.000	.0914521	.1068874
31340	.0573752	.0042485	13.50	0.000	.0490483	.065702
31350	.0349111	.0032829	10.63	0.000	.0284768	.0413454
31360	-.0378063	.0065648	-5.76	0.000	-.050673	-.0249396
31370	.0127758	.0042602	3.00	0.003	.0044259	.0211257
31380	-.0109413	.0035819	-3.05	0.002	-.0179617	-.003921
31390	-.0092925	.0050244	-1.85	0.064	-.0191401	.0005551
31400	0	(empty)				
31410	0	(empty)				
31420	0	(empty)				
31430	0	(empty)				
31440	.0520132	.0045467	11.44	0.000	.0431018	.0609246
31450	.0123198	.0034205	3.60	0.000	.0056158	.0190238
31460	.0653863	.0047328	13.82	0.000	.0561102	.0746624
31470	.0002793	.0025484	0.11	0.913	-.0047156	.0052741
31850	.1253639	.0044122	28.41	0.000	.1167163	.1340116
31860	.0820345	.0083129	9.87	0.000	.0657415	.0983275
32310	.0743842	.0053957	13.79	0.000	.0638087	.0849596
32320	.1106468	.008845	12.51	0.000	.0933109	.1279827
32330	.1224596	.0076134	16.08	0.000	.1075376	.1373816
32340	.0913077	.0068871	13.26	0.000	.0778093	.1048061
32350	.1308985	.0073866	17.72	0.000	.1164211	.1453759
32360	.0932303	.008421	11.07	0.000	.0767254	.1097351
32370	.1462099	.01087	13.45	0.000	.124905	.1675148
32380	.0782249	.0083118	9.41	0.000	.0619341	.0945157
32390	.0874654	.008747	10.00	0.000	.0703216	.1046093
32400	.0925709	.0105365	8.79	0.000	.0719198	.113222
32410	.0634657	.0138574	4.58	0.000	.0363058	.0906256

32420	.0830615	.0058689	14.15	0.000	.0715588	.0945643
32430	.1293397	.0064819	19.95	0.000	.1166355	.1420439
32820	.1601131	.0043779	36.57	0.000	.1515326	.1686937
32830	.1301649	.0085829	15.17	0.000	.1133427	.146987
33310	.1184454	.0125272	9.46	0.000	.0938926	.1429982
33320	.1988774	.0143136	13.89	0.000	.1708233	.2269316
33330	.251146	.0146718	17.12	0.000	.2223898	.2799022
33340	.1807641	.0084992	21.27	0.000	.164106	.1974223
33350	.1305277	.0118672	11.00	0.000	.1072684	.153787
33360	.1589107	.0108618	14.63	0.000	.137622	.1801995
33370	.1186416	.0103339	11.48	0.000	.0983876	.1388956
33380	.1375238	.0085875	16.01	0.000	.1206926	.154355
33390	.1641476	.0088822	18.48	0.000	.1467388	.1815563
33400	.2057678	.0112992	18.21	0.000	.1836217	.2279139
34310	.232378	.0170155	13.66	0.000	.1990282	.2657278
34320	.0993255	.0142938	6.95	0.000	.0713102	.1273408
34330	.2087013	.0191748	10.88	0.000	.1711193	.2462832
34340	.2472784	.0195438	12.65	0.000	.2089732	.2855836
34350	.1827133	.0177667	10.28	0.000	.1478911	.2175355
34360	.2475097	.0168212	14.71	0.000	.2145406	.2804787
34370	.1994552	.0163364	12.21	0.000	.1674365	.2314739
34380	.2637176	.0162445	16.23	0.000	.231879	.2955563
34390	.2822135	.0190767	14.79	0.000	.2448239	.3196032
34400	.2638036	.0172257	15.31	0.000	.2300419	.2975652
34410	.4054204	.023418	17.31	0.000	.3595221	.4513188
34420	.1941251	.013465	14.42	0.000	.1677343	.220516
34430	.1940434	.0136536	14.21	0.000	.1672827	.220804
34850	.139831	.0121259	11.53	0.000	.1160646	.1635974
34860	.1593384	.012199	13.06	0.000	.1354287	.1832481
35310	-.1208981	.029517	-4.10	0.000	-.1787503	-.0630459
35320	-.1006785	.0298006	-3.38	0.001	-.1590865	-.0422705
35330	-.0756556	.0274587	-2.76	0.006	-.1294737	-.0218375
35340	-.1202959	.0297068	-4.05	0.000	-.1785202	-.0620715
35350	-.1400907	.0300563	-4.66	0.000	-.199	-.0811815
35360	-.127778	.030403	-4.20	0.000	-.1873668	-.0681891
35370	-.1294071	.0313334	-4.13	0.000	-.1908194	-.0679947
35380	-.1233424	.0294665	-4.19	0.000	-.1810957	-.0655892
35390	-.1324558	.0296567	-4.47	0.000	-.190582	-.0743297
35400	-.0980079	.0282887	-3.46	0.001	-.1534527	-.0425632
35840	-.1117069	.0291727	-3.83	0.000	-.1688844	-.0545294
35850	-.100424	.0284301	-3.53	0.000	-.156146	-.044702
35860	-.0977157	.0277826	-3.52	0.000	-.1521686	-.0432628
36310	-.1658403	.0299016	-5.55	0.000	-.2244463	-.1072342
36320	-.1509262	.0301578	-5.00	0.000	-.2100344	-.091818
36330	-.1408008	.0301765	-4.67	0.000	-.1999456	-.081656
36340	-.1386993	.0287157	-4.83	0.000	-.1949811	-.0824175
36350	-.148305	.0295774	-5.01	0.000	-.2062757	-.0903343
36360	-.1545716	.0296045	-5.22	0.000	-.2125953	-.0965479

36370	-.1624616	.0299409	-5.43	0.000	-.2211446	-.1037785
36380	-.1559079	.0292245	-5.33	0.000	-.2131869	-.0986289
36390	-.1760081	.0264537	-6.65	0.000	-.2278565	-.1241598
36400	-.1585368	.0296785	-5.34	0.000	-.2167055	-.100368
36410	-.1458917	.0297382	-4.91	0.000	-.2041775	-.0876058
36420	-.1502536	.027736	-5.42	0.000	-.2046152	-.095892
36430	-.1641553	.0293042	-5.60	0.000	-.2215906	-.1067201
36440	-.1526227	.0282104	-5.41	0.000	-.2079141	-.0973313
36450	-.1603349	.0293757	-5.46	0.000	-.2179102	-.1027596
36460	-.1648603	.0297741	-5.54	0.000	-.2232164	-.1065042
36470	-.1679593	.02946	-5.70	0.000	-.2256998	-.1102187
36480	-.1397589	.0297756	-4.69	0.000	-.198118	-.0813999
36490	-.1453487	.0292969	-4.96	0.000	-.2027696	-.0879278
36500	-.1606501	.0306281	-5.25	0.000	-.2206801	-.1006201
36510	-.1751059	.0289621	-6.05	0.000	-.2318706	-.1183412
36520	-.1646497	.0289873	-5.68	0.000	-.2214638	-.1078356
37310	.1751178	.008753	20.01	0.000	.1579622	.1922734
37320	.172849	.0116266	14.87	0.000	.1500613	.1956367
37330	.1775764	.0106988	16.60	0.000	.1566072	.1985456
37340	.1883756	.0095254	19.78	0.000	.1697062	.207045
37350	.1519413	.0096819	15.69	0.000	.1329652	.1709175
37360	.1208828	.0101097	11.96	0.000	.1010682	.1406974
37370	.1087877	.0174322	6.24	0.000	.0746213	.1429542
37380	.0799717	.0175264	4.56	0.000	.0456205	.1143228
37390	.120131	.0133318	9.01	0.000	.0940012	.1462608
37400	.1438863	.0111612	12.89	0.000	.1220107	.1657619
37410	.1594924	.0077322	20.63	0.000	.1443376	.1746473
37420	.1831955	.0089066	20.57	0.000	.1657388	.2006522
37430	.1985626	.0081082	24.49	0.000	.1826707	.2144544
37440	.1875187	.0095252	19.69	0.000	.1688498	.2061877
37450	.1840694	.0081778	22.51	0.000	.1680411	.2000977
37460	.2031442	.0087413	23.24	0.000	.1860115	.2202769
37470	.1911757	.0120756	15.83	0.000	.1675079	.2148435
37480	.1891573	.010049	18.82	0.000	.1694617	.2088529
37490	.1778263	.0103407	17.20	0.000	.1575589	.1980936
37500	.1865901	.009128	20.44	0.000	.1686995	.2044806
37520	.1465476	.0093539	15.67	0.000	.1282143	.1648809
37530	.1576674	.0080503	19.59	0.000	.1418892	.1734457
37540	.1265847	.010362	12.22	0.000	.1062755	.1468938
37550	.1263886	.0114872	11.00	0.000	.1038741	.1489031
38310	.1320794	.0036967	35.73	0.000	.1248339	.1393249
38320	0 (empty)					
38330	0 (empty)					
38340	.1954191	.0044694	43.72	0.000	.1866592	.204179
38350	.1514913	.0044456	34.08	0.000	.142778	.1602046
38360	.0503091	.0045244	11.12	0.000	.0414414	.0591767
38370	.0908473	.0034493	26.34	0.000	.0840867	.0976079
38380	.0436032	.0037188	11.72	0.000	.0363144	.050892

```
       38390 |   .0985086   .0037379    26.35   0.000     .0911824    .1058348
       38400 |   .1057656   .0085062    12.43   0.000     .0890938    .1224374
       38410 |   .0574386   .0056803    10.11   0.000     .0463054    .0685718
       38420 |    .13856   .0054585    25.38   0.000     .1278615    .1492584
       38430 |   .1094749   .0042049    26.04   0.000     .1012335    .1177162
       38440 |   .1394093   .0038725    36.00   0.000     .1318194    .1469993
       38450 |   .1036631   .0045162    22.95   0.000     .0948115    .1125148
       38460 |   .1207908   .0056062    21.55   0.000     .1098028    .1317788
       38470 |   .1506661   .0029484    51.10   0.000     .1448874    .1564448
       38480 |   .1715587    .003303    51.94   0.000     .1650848    .1780325
       38490 |           0  (empty)
       39310 |   .1009013   .0144368     6.99   0.000     .0726058    .1291968
       39320 |   .0834873   .0127537     6.55   0.000     .0584905    .1084841
             |
       _cons |    .144151   .1926622     0.75   0.454    -.2334599     .521762
------------------------------------------------------------------------------
Endogenous: total_Lamount_1974_1978_perelect
Exogenous:  area_1970 eup demo_female_share_1966 demo_age_15plus_1966
demo_illiterate_1966
        demo_pop_ch_1970_1966 E17ConsSh 31330.CTY_cd 31340.CTY_cd 31350.CTY_cd
31360.CTY_cd
        31370.CTY_cd 31380.CTY_cd 31390.CTY_cd 31440.CTY_cd 31450.CTY_cd 31460.CTY_cd
        31470.CTY_cd 31850.CTY_cd 31860.CTY_cd 32310.CTY_cd 32320.CTY_cd 32330.CTY_cd
        32340.CTY_cd 32350.CTY_cd 32360.CTY_cd 32370.CTY_cd 32380.CTY_cd 32390.CTY_cd
        32400.CTY_cd 32410.CTY_cd 32420.CTY_cd 32430.CTY_cd 32820.CTY_cd 32830.CTY_cd
        33310.CTY_cd 33320.CTY_cd 33330.CTY_cd 33340.CTY_cd 33350.CTY_cd 33360.CTY_cd
        33370.CTY_cd 33380.CTY_cd 33390.CTY_cd 33400.CTY_cd 34310.CTY_cd 34320.CTY_cd
        34330.CTY_cd 34340.CTY_cd 34350.CTY_cd 34360.CTY_cd 34370.CTY_cd 34380.CTY_cd
        34390.CTY_cd 34400.CTY_cd 34410.CTY_cd 34420.CTY_cd 34430.CTY_cd 34850.CTY_cd
        34860.CTY_cd 35310.CTY_cd 35320.CTY_cd 35330.CTY_cd 35340.CTY_cd 35350.CTY_cd
        35360.CTY_cd 35370.CTY_cd 35380.CTY_cd 35390.CTY_cd 35400.CTY_cd 35840.CTY_cd
        35850.CTY_cd 35860.CTY_cd 36310.CTY_cd 36320.CTY_cd 36330.CTY_cd 36340.CTY_cd
        36350.CTY_cd 36360.CTY_cd 36370.CTY_cd 36380.CTY_cd 36390.CTY_cd 36400.CTY_cd
        36410.CTY_cd 36420.CTY_cd 36430.CTY_cd 36440.CTY_cd 36450.CTY_cd 36460.CTY_cd
        36470.CTY_cd 36480.CTY_cd 36490.CTY_cd 36500.CTY_cd 36510.CTY_cd 36520.CTY_cd
        37310.CTY_cd 37320.CTY_cd 37330.CTY_cd 37340.CTY_cd 37350.CTY_cd 37360.CTY_cd
        37370.CTY_cd 37380.CTY_cd 37390.CTY_cd 37400.CTY_cd 37410.CTY_cd 37420.CTY_cd
        37430.CTY_cd 37440.CTY_cd 37450.CTY_cd 37460.CTY_cd 37470.CTY_cd 37480.CTY_cd
        37490.CTY_cd 37500.CTY_cd 37520.CTY_cd 37530.CTY_cd 37540.CTY_cd 37550.CTY_cd
        38310.CTY_cd 38340.CTY_cd 38350.CTY_cd 38360.CTY_cd 38370.CTY_cd 38380.CTY_cd
        38390.CTY_cd 38400.CTY_cd 38410.CTY_cd 38420.CTY_cd 38430.CTY_cd 38440.CTY_cd
        38450.CTY_cd 38460.CTY_cd 38470.CTY_cd 38480.CTY_cd 39310.CTY_cd 39320.CTY_cd
        te_median1 ts_median1

.
.
. eststo
(est1 stored)
```

```
.
. foreach x of var total_Lamount_1974_1978_perelect  {
  2.
.
.          ivregress 2sls E17ConsSh area_1970 eup ///
>           demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966
demo_pop_ch_1970_1966 ///
>           i.CTY_cd (`x'=te_median1 ts_median1 ) , vce(cluster CTY_cd) first
  3.
.
. }
note: 31400.CTY_cd identifies no observations in the sample.
note: 31410.CTY_cd identifies no observations in the sample.
note: 31420.CTY_cd identifies no observations in the sample.
note: 31430.CTY_cd identifies no observations in the sample.
note: 38320.CTY_cd identifies no observations in the sample.
note: 38330.CTY_cd identifies no observations in the sample.
note: 38490.CTY_cd identifies no observations in the sample.

First-stage regressions
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                                                Number of obs    =  1,305
                                                No. of clusters =     131
                                                F(8, 1166)       =  34.39
                                                Prob > F         = 0.0000
                                                R-squared        = 0.4478
                                                Adj R-squared    = 0.3824
                                                Root MSE         = 0.1998

------------------------------------------------------------------------------
                             |               Robust
total_Lamount_1974_1~t | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------
                  area_1970 |  -.0015585   .0003008    -5.18   0.000    -.0021486   -.0009683
                        eup |  -.3004064   .0267329   -11.24   0.000    -.3528564   -.2479564
demo_female_share_1966 |  -2.238086   1.324268    -1.69   0.091      -4.8363    .3601286
  demo_age_15plus_1966 |   .2256074   .8948499     0.25   0.801    -1.530089    1.981303
  demo_illiterate_1966 |   .0154888   .1425471     0.11   0.913    -.2641888    .2951663
 demo_pop_ch_1970_1966 |  -.5049929     .08202    -6.16   0.000    -.6659162   -.3440696
                       |
               CTY_cd |
               31330  |   .0626043   .0227018     2.76   0.006     .0180633    .1071452
               31340  |   .1319534   .0167027     7.90   0.000     .0991828     .164724
               31350  |   .1692526   .0205779     8.22   0.000     .1288788    .2096265
               31360  |   .0075927   .0240764     0.32   0.753    -.0396453    .0548307
               31370  |  -.0232686   .0235309    -0.99   0.323    -.0694362    .0228991
```

31380	-.0763147	.0170481	-4.48	0.000	-.1097631	-.0428663
31390	.1169283	.0337664	3.46	0.001	.0506785	.183178
31400	0	(empty)				
31410	0	(empty)				
31420	0	(empty)				
31430	0	(empty)				
31440	.1349666	.0252517	5.34	0.000	.0854228	.1845104
31450	.0745101	.0188867	3.95	0.000	.0374543	.1115659
31460	.0759802	.0189072	4.02	0.000	.0388842	.1130762
31470	.0278315	.0228518	1.22	0.224	-.0170037	.0726667
31850	.0227811	.0257143	0.89	0.376	-.0276702	.0732325
31860	.4402298	.0212215	20.74	0.000	.3985932	.4818664
32310	-.0133388	.0322149	-0.41	0.679	-.0765444	.0498668
32320	-.0333443	.038074	-0.88	0.381	-.1080456	.0413569
32330	-.1200959	.0307322	-3.91	0.000	-.1803924	-.0597993
32340	-.190755	.0289248	-6.59	0.000	-.2475055	-.1340046
32350	-.0407407	.0281453	-1.45	0.148	-.0959618	.0144803
32360	-.1893477	.0426294	-4.44	0.000	-.2729867	-.1057087
32370	-.1687104	.0467827	-3.61	0.000	-.2604982	-.0769226
32380	.3458362	.0227783	15.18	0.000	.3011452	.3905273
32390	.0339161	.0451264	0.75	0.452	-.0546218	.1224541
32400	.1530293	.0407897	3.75	0.000	.0729999	.2330587
32410	.0959188	.0646134	1.48	0.138	-.0308526	.2226903
32420	.2571499	.0241318	10.66	0.000	.2098032	.3044966
32430	.1791009	.0330299	5.42	0.000	.1142963	.2439056
32820	.0586979	.0277166	2.12	0.034	.0043178	.1130779
32830	.2098907	.0295406	7.11	0.000	.151932	.2678495
33310	-.1178358	.0162554	-7.25	0.000	-.1497289	-.0859428
33320	-.0861643	.0255147	-3.38	0.001	-.1362243	-.0361044
33330	-.1280555	.018969	-6.75	0.000	-.1652727	-.0908383
33340	-.0346276	.0170736	-2.03	0.043	-.068126	-.0011291
33350	.021355	.0239366	0.89	0.372	-.0256087	.0683186
33360	-.0955266	.0212866	-4.49	0.000	-.137291	-.0537622
33370	-.0305571	.0230132	-1.33	0.185	-.0757091	.0145949
33380	-.1547344	.0292825	-5.28	0.000	-.2121868	-.0972821
33390	-.0979845	.0265889	-3.69	0.000	-.1501521	-.045817
33400	-.3163437	.0285568	-11.08	0.000	-.3723721	-.2603152
34310	-.1813672	.0225326	-8.05	0.000	-.2255761	-.1371583
34320	-.2124676	.0171064	-12.42	0.000	-.2460304	-.1789047
34330	-.137306	.0196761	-6.98	0.000	-.1759106	-.0987014
34340	-.2309658	.0197047	-11.72	0.000	-.2696265	-.1923051
34350	-.067376	.0206389	-3.26	0.001	-.1078696	-.0268825
34360	-.0632824	.0169701	-3.73	0.000	-.0965777	-.0299871
34370	.0093533	.018141	0.52	0.606	-.0262394	.0449459
34380	.0030413	.0127045	0.24	0.811	-.021885	.0279676
34390	-.1168117	.0186574	-6.26	0.000	-.1534176	-.0802059
34400	.0378211	.0172003	2.20	0.028	.004074	.0715681
34410	-.1257554	.0188765	-6.66	0.000	-.162791	-.0887197

34420	.0526051	.0187754	2.80	0.005	.0157677	.0894424
34430	-.1421837	.0191311	-7.43	0.000	-.1797189	-.1046485
34850	-.0531957	.0162066	-3.28	0.001	-.0849931	-.0213983
34860	-.0287073	.0167839	-1.71	0.087	-.0616373	.0042226
35310	.020396	.0167134	1.22	0.223	-.0123956	.0531877
35320	-.0106478	.0322132	-0.33	0.741	-.0738501	.0525545
35330	-.0581871	.0347549	-1.67	0.094	-.1263762	.0100021
35340	-.1239402	.0395349	-3.13	0.002	-.2015076	-.0463727
35350	.0577649	.023341	2.47	0.013	.0119697	.10356
35360	.1116649	.0181094	6.17	0.000	.0761343	.1471955
35370	.0126519	.0176448	0.72	0.473	-.0219671	.0472709
35380	-.0951214	.0197691	-4.81	0.000	-.1339084	-.0563344
35390	-.0048223	.0181277	-0.27	0.790	-.0403889	.0307443
35400	.0354005	.0188895	1.87	0.061	-.0016608	.0724618
35840	.0609017	.0198032	3.08	0.002	.0220478	.0997557
35850	.0370947	.0237938	1.56	0.119	-.0095889	.0837782
35860	-.048147	.0163152	-2.95	0.003	-.0801574	-.0161366
36310	.0352659	.0185061	1.91	0.057	-.001043	.0715749
36320	-.0651711	.0169357	-3.85	0.000	-.098399	-.0319432
36330	.0220906	.0224749	0.98	0.326	-.0220051	.0661864
36340	-.1242086	.0352308	-3.53	0.000	-.1933314	-.0550857
36350	.0342274	.0298153	1.15	0.251	-.0242702	.0927251
36360	-.0549331	.028382	-1.94	0.053	-.1106185	.0007524
36370	-.1492758	.0216902	-6.88	0.000	-.191832	-.1067196
36380	-.0185851	.0213239	-0.87	0.384	-.0604225	.0232524
36390	.0598429	.0170662	3.51	0.000	.0263589	.0933269
36400	-.0590174	.0160258	-3.68	0.000	-.0904601	-.0275748
36410	-.0295951	.0168895	-1.75	0.080	-.0627323	.0035421
36420	.0636783	.0155379	4.10	0.000	.033193	.0941636
36430	.147117	.0188318	7.81	0.000	.110169	.184065
36440	-.0558116	.0203653	-2.74	0.006	-.0957682	-.0158549
36450	-.0367245	.0207176	-1.77	0.077	-.0773725	.0039234
36460	-.0444863	.0227251	-1.96	0.051	-.0890729	.0001002
36470	-.0938755	.021676	-4.33	0.000	-.1364039	-.0513471
36480	-.0041538	.0237503	-0.17	0.861	-.0507519	.0424443
36490	.0425307	.0123552	3.44	0.001	.0182898	.0667717
36500	.3003743	.0145318	20.67	0.000	.2718629	.3288856
36510	.218844	.0235251	9.30	0.000	.1726877	.2650003
36520	.2794781	.0302954	9.23	0.000	.2200384	.3389177
37310	-.1958069	.0137856	-14.20	0.000	-.2228541	-.1687596
37320	.0085457	.0143651	0.59	0.552	-.0196387	.03673
37330	-.05504	.0132466	-4.16	0.000	-.0810299	-.02905
37340	-.1628148	.0164572	-9.89	0.000	-.1951038	-.1305257
37350	-.0939097	.023917	-3.93	0.000	-.1408348	-.0469846
37360	-.0629499	.0274253	-2.30	0.022	-.1167582	-.0091415
37370	-.0261749	.0160329	-1.63	0.103	-.0576315	.0052817
37380	.0255977	.025971	0.99	0.325	-.0253575	.0765529
37390	-.1551622	.0249057	-6.23	0.000	-.2040271	-.1062973

37400	-.0199879	.0132171	-1.51	0.131	-.0459199	.005944
37410	-.031998	.0149383	-2.14	0.032	-.0613068	-.0026891
37420	-.1524591	.0212279	-7.18	0.000	-.1941082	-.11081
37430	-.0366221	.0167238	-2.19	0.029	-.0694341	-.00381
37440	-.1130877	.0143664	-7.87	0.000	-.1412745	-.0849008
37450	-.2044634	.0170045	-12.02	0.000	-.2378262	-.1711005
37460	-.2065103	.0211773	-9.75	0.000	-.2480603	-.1649604
37470	-.1497995	.0149714	-10.01	0.000	-.1791734	-.1204256
37480	-.1624727	.0159966	-10.16	0.000	-.193858	-.1310873
37490	-.0584527	.021707	-2.69	0.007	-.1010419	-.0158636
37500	-.1064143	.0146058	-7.29	0.000	-.1350709	-.0777577
37520	.0337945	.0214313	1.58	0.115	-.0082537	.0758427
37530	-.1248535	.0287052	-4.35	0.000	-.1811732	-.0685338
37540	.0641028	.0240157	2.67	0.008	.016984	.1112216
37550	-.2230547	.037554	-5.94	0.000	-.2967356	-.1493737
38310	.0474664	.0188877	2.51	0.012	.0104088	.0845241
38320	0	(empty)				
38330	0	(empty)				
38340	-.1390296	.0177863	-7.82	0.000	-.1739262	-.1041329
38350	-.2009068	.0233256	-8.61	0.000	-.2466717	-.155142
38360	.038746	.0298707	1.30	0.195	-.0198603	.0973523
38370	-.0018705	.0240546	-0.08	0.938	-.0490657	.0453247
38380	-.0103509	.0245993	-0.42	0.674	-.0586147	.0379128
38390	.0347823	.026897	1.29	0.196	-.0179896	.0875543
38400	.2700904	.0369143	7.32	0.000	.1976645	.3425163
38410	.0713992	.0371642	1.92	0.055	-.0015171	.1443154
38420	.121494	.0243177	5.00	0.000	.0737826	.1692053
38430	.0824992	.021154	3.90	0.000	.0409949	.1240034
38440	-.0638915	.0284166	-2.25	0.025	-.1196449	-.0081382
38450	.0237604	.0249898	0.95	0.342	-.0252695	.0727904
38460	-.0206828	.0266479	-0.78	0.438	-.0729661	.0316005
38470	-.128087	.0318378	-4.02	0.000	-.1905527	-.0656212
38480	-.101405	.0344332	-2.94	0.003	-.1689629	-.0338471
38490	0	(empty)				
39310	.0067334	.0697991	0.10	0.923	-.1302125	.1436792
39320	.022887	.0533596	0.43	0.668	-.0818045	.1275785
te_median1	.3299255	.1414834	2.33	0.020	.0523349	.6075161
ts_median1	.0170646	.00633	2.70	0.007	.0046452	.029484
_cons	2.14101	.8479859	2.52	0.012	.4772614	3.804759

Instrumental variables 2SLS regression Number of obs = 1,305
Wald chi2(137) = 47.18
Prob > chi2 = 1.0000
R-squared = 0.9823
Root MSE = .03284

(Std. err. adjusted for 131 clusters in CTY_cd)

E17ConsSh	Coefficient	Robust std. err.	z	P>|z|	[95% conf. interval]	
total_Lamount_1974_1978_perelect	-.0148258	.0276702	-0.54	0.592	-.0690583	.0394068
area_1970	-.000078	.0000501	-1.56	0.120	-.0001763	.0000202
eup	-.0027144	.0103352	-0.26	0.793	-.0229711	.0175422
demo_female_share_1966	.0889768	.238235	0.37	0.709	-.3779552	.5559088
demo_age_15plus_1966	.1556404	.126013	1.24	0.217	-.0913404	.4026213
demo_illiterate_1966	.0470084	.0207455	2.27	0.023	.0063479	.0876688
demo_pop_ch_1970_1966	-.0156242	.0186786	-0.84	0.403	-.0522336	.0209852
CTY_cd						
31330	.0305185	.003762	8.11	0.000	.023145	.037892
31340	-.0530553	.0020655	-25.69	0.000	-.0571036	-.0490069
31350	-.0161292	.0036151	-4.46	0.000	-.0232146	-.0090438
31360	-.0630463	.0043762	-14.41	0.000	-.0716235	-.0544691
31370	.0056665	.0039714	1.43	0.154	-.0021173	.0134502
31380	-.0221383	.0046406	-4.77	0.000	-.0312337	-.0130429
31390	.0384164	.0062777	6.12	0.000	.0261125	.0507204
31400	0	(empty)				
31410	0	(empty)				
31420	0	(empty)				
31430	0	(empty)				
31440	.0348911	.0051502	6.77	0.000	.0247969	.0449853
31450	-.0041123	.0034108	-1.21	0.228	-.0107974	.0025729
31460	-.0383657	.003053	-12.57	0.000	-.0443494	-.032382
31470	-.0048885	.0028967	-1.69	0.091	-.010566	.000789
31850	.0478155	.0038132	12.54	0.000	.0403417	.0552893
31860	.0254283	.0101726	2.50	0.012	.0054904	.0453661
32310	-.0012464	.0065112	-0.19	0.848	-.0140081	.0115153
32320	-.0580287	.0089184	-6.51	0.000	-.0755084	-.040549
32330	-.0679184	.0062737	-10.83	0.000	-.0802146	-.0556222
32340	-.0457413	.0057646	-7.93	0.000	-.0570397	-.034443
32350	-.0637466	.0067363	-9.46	0.000	-.0769496	-.0505437
32360	-.0715302	.0075254	-9.51	0.000	-.0862796	-.0567807
32370	-.1094685	.0084027	-13.03	0.000	-.1259374	-.0929996
32380	-.0044284	.0117104	-0.38	0.705	-.0273804	.0185236
32390	-.0460941	.0095455	-4.83	0.000	-.064803	-.0273852
32400	-.0923652	.0111553	-8.28	0.000	-.1142291	-.0705013
32410	-.0654616	.0159333	-4.11	0.000	-.0966903	-.0342328
32420	.0134092	.0078149	1.72	0.086	-.0019076	.0287261
32430	-.0329394	.0061274	-5.38	0.000	-.0449489	-.0209299

32820	-.0069005	.0050411	-1.37	0.171	-.016781	.0029799
32830	-.0552135	.0091642	-6.02	0.000	-.073175	-.0372521
33310	-.1791824	.004791	-37.40	0.000	-.1885725	-.1697922
33320	-.2139423	.003868	-55.31	0.000	-.2215234	-.2063612
33330	-.2183988	.0040188	-54.34	0.000	-.2262756	-.210522
33340	-.1225043	.0030157	-40.62	0.000	-.1284149	-.1165936
33350	-.1721075	.004163	-41.34	0.000	-.1802669	-.1639481
33360	-.1522342	.0039421	-38.62	0.000	-.1599607	-.1445077
33370	-.1469303	.0039117	-37.56	0.000	-.1545972	-.1392635
33380	-.0874114	.0055273	-15.81	0.000	-.0982446	-.0765781
33390	-.110755	.0048538	-22.82	0.000	-.1202682	-.1012418
33400	-.1446101	.0069696	-20.75	0.000	-.1582704	-.1309499
34310	-.2648918	.0046479	-56.99	0.000	-.2740014	-.2557821
34320	-.2184106	.0063179	-34.57	0.000	-.2307935	-.2060278
34330	-.2999612	.0055043	-54.50	0.000	-.3107494	-.2891729
34340	-.3000288	.0076416	-39.26	0.000	-.3150062	-.2850515
34350	-.2872745	.0038802	-74.04	0.000	-.2948795	-.2796695
34360	-.2735047	.0034203	-79.97	0.000	-.2802083	-.2668012
34370	-.2638122	.002613	-100.96	0.000	-.2689336	-.2586907
34380	-.2626336	.0019874	-132.15	0.000	-.2665289	-.2587384
34390	-.3026775	.0042621	-71.02	0.000	-.3110309	-.294324
34400	-.2705924	.0022877	-118.28	0.000	-.2750763	-.2661085
34410	-.3726644	.0051234	-72.74	0.000	-.382706	-.3626228
34420	-.2080557	.0026694	-77.94	0.000	-.2132876	-.2028238
34430	-.1973742	.0067657	-29.17	0.000	-.2106348	-.1841137
34850	-.188877	.0033087	-57.08	0.000	-.195362	-.182392
34860	-.1862885	.0027784	-67.05	0.000	-.1917339	-.180843
35310	-.4839928	.0030956	-156.35	0.000	-.4900601	-.4779254
35320	-.4824175	.0044551	-108.28	0.000	-.4911494	-.4736857
35330	-.4467446	.0048979	-91.21	0.000	-.4563444	-.4371449
35340	-.4793832	.004443	-107.90	0.000	-.4880914	-.4706751
35350	-.4974691	.0047779	-104.12	0.000	-.5068336	-.4881047
35360	-.5043937	.0052816	-95.50	0.000	-.5147454	-.4940421
35370	-.5274553	.0030886	-170.77	0.000	-.5335089	-.5214017
35380	-.4999185	.0042475	-117.70	0.000	-.5082435	-.4915935
35390	-.5047549	.0031693	-159.26	0.000	-.5109666	-.4985432
35400	-.4840016	.0030523	-158.57	0.000	-.489984	-.4780193
35840	-.4931662	.0029325	-168.17	0.000	-.4989138	-.4874185
35850	-.4776695	.0035172	-135.81	0.000	-.4845631	-.4707759
35860	-.4673132	.0037883	-123.36	0.000	-.4747381	-.4598882
36310	-.5050718	.0028101	-179.74	0.000	-.5105794	-.4995641
36320	-.5057854	.00311	-162.63	0.000	-.5118809	-.4996899
36330	-.5010029	.0042922	-116.72	0.000	-.5094155	-.4925903
36340	-.475711	.0028045	-169.63	0.000	-.4812077	-.4702143
36350	-.4775197	.0043607	-109.51	0.000	-.4860664	-.4689729
36360	-.488842	.0050348	-97.09	0.000	-.49871	-.4789741
36370	-.4865495	.0042049	-115.71	0.000	-.4947909	-.4783081
36380	-.4817814	.0034913	-137.99	0.000	-.4886243	-.4749385

36390	-.4436627	.0041278	-107.48	0.000	-.4517529	-.4355724
36400	-.4978876	.0025814	-192.88	0.000	-.5029469	-.4928282
36410	-.4924167	.0027508	-179.01	0.000	-.4978082	-.4870252
36420	-.4681816	.0029635	-157.98	0.000	-.47399	-.4623732
36430	-.4895366	.0035039	-139.71	0.000	-.4964042	-.4826691
36440	-.4795052	.004431	-108.22	0.000	-.4881897	-.4708206
36450	-.4920633	.0045793	-107.45	0.000	-.5010386	-.483088
36460	-.5016467	.0044227	-113.43	0.000	-.5103151	-.4929784
36470	-.4970438	.0046999	-105.76	0.000	-.5062554	-.4878321
36480	-.4949861	.0039301	-125.95	0.000	-.5026889	-.4872833
36490	-.4876916	.0026062	-187.13	0.000	-.4927997	-.4825835
36500	-.498257	.0071918	-69.28	0.000	-.5123526	-.4841613
36510	-.4848366	.0056299	-86.12	0.000	-.495871	-.4738023
36520	-.4837512	.0065458	-73.90	0.000	-.4965807	-.4709216
37310	.1275183	.0054354	23.46	0.000	.1168652	.1381715
37320	.1936594	.0028041	69.06	0.000	.1881634	.1991554
37330	.1750443	.002856	61.29	0.000	.1694467	.180642
37340	.1284992	.0059589	21.56	0.000	.11682	.1401784
37350	.1648225	.0037447	44.02	0.000	.1574831	.1721619
37360	.1653073	.0051375	32.18	0.000	.1552379	.1753767
37370	.2856696	.0024466	116.76	0.000	.2808744	.2904648
37380	.2857138	.0035592	80.27	0.000	.2787379	.2926897
37390	.194225	.0060493	32.11	0.000	.1823685	.2060815
37400	.1789966	.0023535	76.06	0.000	.1743839	.1836093
37410	.1301353	.0020732	62.77	0.000	.126072	.1341986
37420	.1272022	.0037477	33.94	0.000	.1198569	.1345475
37430	.1244084	.0025682	48.44	0.000	.1193747	.129442
37440	.1488797	.0029557	50.37	0.000	.1430866	.1546728
37450	.1184822	.0056352	21.03	0.000	.1074375	.1295269
37460	.1359282	.0046276	29.37	0.000	.1268583	.1449981
37470	.1781743	.0047431	37.56	0.000	.1688779	.1874707
37480	.1486472	.0044883	33.12	0.000	.1398502	.1574442
37490	.1717127	.0042398	40.50	0.000	.1634029	.1800225
37500	.1393398	.0032463	42.92	0.000	.132977	.1457025
37520	.1547732	.0049249	31.43	0.000	.1451206	.1644258
37530	.1175418	.0050611	23.22	0.000	.1076222	.1274613
37540	.16082	.0044198	36.39	0.000	.1521574	.1694826
37550	.2019723	.0036686	55.05	0.000	.194782	.2091625
38310	-.0053614	.0034036	-1.58	0.115	-.0120325	.0013096
38320	0	(empty)				
38330	0	(empty)				
38340	-.0140975	.0045359	-3.11	0.002	-.0229876	-.0052074
38350	-.0024114	.0048586	-0.50	0.620	-.011934	.0071113
38360	.0201068	.004417	4.55	0.000	.0114496	.028764
38370	-.002519	.0035398	-0.71	0.477	-.0094568	.0044188
38380	-.0506087	.0036934	-13.70	0.000	-.0578477	-.0433697
38390	.0020918	.0039865	0.52	0.600	-.0057216	.0099052
38400	.0733699	.0081478	9.00	0.000	.0574006	.0893393

```
       38410 |   .0311307   .0053726     5.79   0.000     .0206006    .0416608
       38420 |   .0134885   .0057025     2.37   0.018     .0023118    .0246652
       38430 |   2.49e-06   .0040181     0.00   1.000    -.0078728    .0078778
       38440 |  -.0432004   .0040527   -10.66   0.000    -.0511435   -.0352573
       38450 |  -.0345054   .0042093    -8.20   0.000    -.0427555   -.0262552
       38460 |   .0429009   .0046294     9.27   0.000     .0338275    .0519744
       38470 |   .0096876   .0029173     3.32   0.001     .0039698    .0154054
       38480 |   .0236009   .0033319     7.08   0.000     .0170705    .0301314
       38490 |           0  (empty)
       39310 |  -.2142364   .0101923   -21.02   0.000    -.2342129     -.19426
       39320 |  -.2004789   .0074202   -27.02   0.000    -.2150223   -.1859355
             |
       _cons |   .4356375    .148271     2.94   0.003     .1450316    .7262434
------------------------------------------------------------------------------
Endogenous: total_Lamount_1974_1978_perelect
Exogenous:  area_1970 eup demo_female_share_1966 demo_age_15plus_1966
demo_illiterate_1966
        demo_pop_ch_1970_1966 31330.CTY_cd 31340.CTY_cd 31350.CTY_cd 31360.CTY_cd
        31370.CTY_cd 31380.CTY_cd 31390.CTY_cd 31440.CTY_cd 31450.CTY_cd 31460.CTY_cd
        31470.CTY_cd 31850.CTY_cd 31860.CTY_cd 32310.CTY_cd 32320.CTY_cd 32330.CTY_cd
        32340.CTY_cd 32350.CTY_cd 32360.CTY_cd 32370.CTY_cd 32380.CTY_cd 32390.CTY_cd
        32400.CTY_cd 32410.CTY_cd 32420.CTY_cd 32430.CTY_cd 32820.CTY_cd 32830.CTY_cd
        33310.CTY_cd 33320.CTY_cd 33330.CTY_cd 33340.CTY_cd 33350.CTY_cd 33360.CTY_cd
        33370.CTY_cd 33380.CTY_cd 33390.CTY_cd 33400.CTY_cd 34310.CTY_cd 34320.CTY_cd
        34330.CTY_cd 34340.CTY_cd 34350.CTY_cd 34360.CTY_cd 34370.CTY_cd 34380.CTY_cd
        34390.CTY_cd 34400.CTY_cd 34410.CTY_cd 34420.CTY_cd 34430.CTY_cd 34850.CTY_cd
        34860.CTY_cd 35310.CTY_cd 35320.CTY_cd 35330.CTY_cd 35340.CTY_cd 35350.CTY_cd
        35360.CTY_cd 35370.CTY_cd 35380.CTY_cd 35390.CTY_cd 35400.CTY_cd 35840.CTY_cd
        35850.CTY_cd 35860.CTY_cd 36310.CTY_cd 36320.CTY_cd 36330.CTY_cd 36340.CTY_cd
        36350.CTY_cd 36360.CTY_cd 36370.CTY_cd 36380.CTY_cd 36390.CTY_cd 36400.CTY_cd
        36410.CTY_cd 36420.CTY_cd 36430.CTY_cd 36440.CTY_cd 36450.CTY_cd 36460.CTY_cd
        36470.CTY_cd 36480.CTY_cd 36490.CTY_cd 36500.CTY_cd 36510.CTY_cd 36520.CTY_cd
        37310.CTY_cd 37320.CTY_cd 37330.CTY_cd 37340.CTY_cd 37350.CTY_cd 37360.CTY_cd
        37370.CTY_cd 37380.CTY_cd 37390.CTY_cd 37400.CTY_cd 37410.CTY_cd 37420.CTY_cd
        37430.CTY_cd 37440.CTY_cd 37450.CTY_cd 37460.CTY_cd 37470.CTY_cd 37480.CTY_cd
        37490.CTY_cd 37500.CTY_cd 37520.CTY_cd 37530.CTY_cd 37540.CTY_cd 37550.CTY_cd
        38310.CTY_cd 38340.CTY_cd 38350.CTY_cd 38360.CTY_cd 38370.CTY_cd 38380.CTY_cd
        38390.CTY_cd 38400.CTY_cd 38410.CTY_cd 38420.CTY_cd 38430.CTY_cd 38440.CTY_cd
        38450.CTY_cd 38460.CTY_cd 38470.CTY_cd 38480.CTY_cd 39310.CTY_cd 39320.CTY_cd
        te_median1 ts_median1


.
. eststo
(est2 stored)

. esttab, keep(total_Lamount_1974_1978_perelect area_1970 eup demo_female_share_1966
demo_age_15plus_1966 ///
> demo_illiterate_1966 demo_pop_ch_1970_1966 E17ConsSh _cons) b(%12.3fc) se ar2 nogap
```

label star(+ 0.10 * 0.05 ** 0.01)

```
------------------------------------------------
                            (1)             (2)
                     Park's ~2012    Lee's vote~e
------------------------------------------------
NVM subsidy per vo~)         0.056**        -0.015
                        (0.022)         (0.028)
Area in 1970                 0.000**        -0.000
                        (0.000)         (0.000)
eup in 1970                 -0.004          -0.003
                        (0.008)         (0.010)
Female pop shar~1966         0.501           0.089
                        (0.319)         (0.238)
Share of pop ag~1966        -0.504**         0.156
                        (0.120)         (0.126)
Illiterate pop ~1966         0.027           0.047*
                        (0.021)         (0.021)
Pop change 1966-1970         0.012          -0.016
                        (0.016)         (0.019)
Lee's vote share             0.675**
                        (0.060)
Constant                     0.144           0.436**
                        (0.193)         (0.148)
------------------------------------------------
Observations                 1300            1305
Adjusted R-squared           0.983           0.980
------------------------------------------------
Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01
```

```
.
.
*================================================================
==================
. * Appendix Table B10
. * For Model (1), x = Total number of beneficiary vaillges per voter
(total_num_1974_1978_perelect)
. * For Model (2), x = total NVM subsidy per population (total_Lamount_1974_1978_d_pop)
. * For Model (3), y = difference between the incumbent's vote share and all oppositions
(E18_VoteDiff)
.
*================================================================
==================
.
. eststo clear

.
```

```
. areg E18ConsSh total_num_1974_1978_perelect area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh, absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators           Number of obs     =  1,269
Absorbed variable: CTY_cd                         No. of categories =    129
                                                  F(8, 128)         =  27.82
                                                  Prob > F          =  0.0000
                                                  R-squared         =  0.9853
                                                  Adj R-squared     =  0.9836
                                                  Root MSE          =  0.0358

                                     (Std. err. adjusted for 129 clusters in CTY_cd)
------------------------------------------------------------------------------
             |               Robust
  E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
total_num_1974_1978_perelect |   4.865007   1.468114     3.31   0.001     1.960092    7.769922
        area_1970 |   .0001155   .0000449     2.58   0.011     .0000268    .0002042
             eup |  -.0199227   .0050273    -3.96   0.000    -.0298701   -.0099754
demo_female_share_1966 |    .417249   .3089797     1.35   0.179      -.19412    1.028618
demo_age_15plus_1966 |  -.5183614   .1344207    -3.86   0.000    -.7843358    -.252387
demo_illiterate_1966 |   .0201322   .0217382     0.93   0.356    -.0228804    .0631449
demo_pop_ch_1970_1966 |  -.010462   .0131026    -0.80   0.426    -.0363877    .0154636
        E17ConsSh |   .6806144   .0638047    10.67   0.000     .5543659    .8068629
            _cons |   .3143867   .1762187     1.78   0.077    -.0342922    .6630656
------------------------------------------------------------------------------

. eststo
(est1 stored)

.
. areg E18ConsSh total_Lamount_1974_1978_d_pop area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh, absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators           Number of obs     =  1,382
Absorbed variable: CTY_cd                         No. of categories =    138
                                                  F(8, 137)         =  29.36
                                                  Prob > F          =  0.0000
                                                  R-squared         =  0.9855
                                                  Adj R-squared     =  0.9838
                                                  Root MSE          =  0.0354

                                     (Std. err. adjusted for 138 clusters in CTY_cd)
------------------------------------------------------------------------------
             |               Robust
  E18ConsSh | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
```

```
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_d_pop |   .0156869    .006962     2.25   0.026       .00192    .0294538
                   area_1970 |   .0001167   .0000422     2.76   0.007      .0000332    .0002002
                         eup |   -.017723   .0052455    -3.38   0.001     -.0280957   -.0073503
       demo_female_share_1966 |   .3523084   .2836915     1.24   0.216     -.2086721    .9132889
         demo_age_15plus_1966 |  -.5163622   .1288243    -4.01   0.000     -.7711034   -.2616209
         demo_illiterate_1966 |   .0254928   .0211701     1.20   0.231     -.0163696    .0673552
        demo_pop_ch_1970_1966 |   -.013107   .0132526    -0.99   0.324     -.0393131     .013099
                   E17ConsSh |   .6623852   .0609337    10.87   0.000      .541893    .7828774
                       _cons |   .3476426   .1650593     2.11   0.037      .0212492    .6740359
-------------------------------------------------------------------------------------------------

. eststo
(est2 stored)

.
.
. areg E18_VoteDiff total_Lamount_1974_1978_perelect area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 E17ConsSh, absorb(CTY_cd) vce(cluster CTY_cd)

Linear regression, absorbing indicators          Number of obs     =      1,300
Absorbed variable: CTY_cd                        No. of categories =        131
                                                 F(8, 130)         =      28.02
                                                 Prob > F          =     0.0000
                                                 R-squared         =     0.9858
                                                 Adj R-squared     =     0.9841
                                                 Root MSE          =     0.0713

                                                 (Std. err. adjusted for 131 clusters in CTY_cd)
-------------------------------------------------------------------------------------------------
                            |               Robust
                E18_VoteDiff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+-------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0241254   .0118777     2.03   0.044      .0006269
.047624
                   area_1970 |   .0002241   .0000881     2.55   0.012      .0000499    .0003984
                         eup |  -.0369121   .0106341    -3.47   0.001     -.0579504   -.0158739
       demo_female_share_1966 |   .7464611   .6128742     1.22   0.225     -.4660371
1.958959
         demo_age_15plus_1966 |  -1.011933   .2620351    -3.86   0.000     -1.530338
-.4935277
         demo_illiterate_1966 |   .0483851    .043128     1.12   0.264     -.0369386    .1337087
        demo_pop_ch_1970_1966 |  -.0192644   .0278383    -0.69   0.490     -.0743392
.0358103
                   E17ConsSh |   1.360552   .1263805    10.77   0.000      1.110523     1.61058
                       _cons |  -.3593082   .3453236    -1.04   0.300     -1.04249    .3238732
-------------------------------------------------------------------------------------------------
```

```
. eststo
(est3 stored)

.
.
. esttab, order(total_num_1974_1978_perelect total_Lamount_1974_1978_d_pop
total_Lamount_1974_1978_perelect) ///
>   b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------
                              (1)             (2)             (3)
                    Park's ~2012    Park's ~2012    Park - Opp~s
------------------------------------------------------------
Number of benefici~p         4.865**
                            (1.468)
NVM subsidy per po~a                         0.016*
                                            (0.007)
NVM subsidy per vo~)                                         0.024*
                                                            (0.012)
Area in 1970                 0.000*          0.000**         0.000*
                            (0.000)         (0.000)         (0.000)
eup in 1970                 -0.020**        -0.018**        -0.037**
                            (0.005)         (0.005)         (0.011)
Female pop shar~1966         0.417           0.352           0.746
                            (0.309)         (0.284)         (0.613)
Share of pop ag~1966        -0.518**        -0.516**        -1.012**
                            (0.134)         (0.129)         (0.262)
Illiterate pop ~1966         0.020           0.025           0.048
                            (0.022)         (0.021)         (0.043)
Pop change 1966-1970        -0.010          -0.013          -0.019
                            (0.013)         (0.013)         (0.028)
Lee's vote share             0.681**         0.662**         1.361**
                            (0.064)         (0.061)         (0.126)
Constant                     0.314+          0.348*         -0.359
                            (0.176)         (0.165)         (0.345)
------------------------------------------------------------
Observations                 1269            1382            1300
Adjusted R-squared           0.984           0.984           0.984
------------------------------------------------------------
Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
.
.
*============================================================
```

```
==================
. * 5.3 mechanism analysis
.
*================================================================
==================
.
.
*================================================================
==================
. * Table 4 and Appendix Table B11
. * x = total NVM subsidy per voter  (total_Lamount_1974_1978_perelect),
. * y = night time light
.
*================================================================
==================
. eststo clear


.
. * full control
. foreach y of var Lnl1992mean Lnl1996mean Lnl2001mean Lnl2006mean Lnl2011mean {
  2. areg `y' total_Lamount_1974_1978_perelect area_1970  eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 ///
> , absorb(CTY_cd) vce(cluster CTY_cd)
  3. eststo
  4. }

Linear regression, absorbing indicators             Number of obs      =  1,368
Absorbed variable: CTY_cd                           No. of categories =     131
                                                    F(7, 130)          =  86.90
                                                    Prob > F           = 0.0000
                                                    R-squared          = 0.7865
                                                    Adj R-squared      = 0.7627
                                                    Root MSE           = 0.3179

                                                   (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                  Lnl1992mean | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.4330304   .0595143    -7.28   0.000    -.5507724
-.3152884
                     area_1970 |  -.0048003   .0005389    -8.91   0.000    -.0058665    -.003734
                           eup |   .2768354   .0403012     6.87   0.000     .1971044    .3565664
          demo_female_share_1966 |    .019772   2.553739     0.01   0.994    -5.032495
5.072039
            demo_age_15plus_1966 |    5.61112   1.651464     3.40   0.001     2.343896    8.878344
            demo_illiterate_1966 |  -.6221778   .3265002    -1.91   0.059    -1.268119    .0237637
```

```
          demo_pop_ch_1970_1966 |   .1692095   .1913206      0.88   0.378    -.2092954
.5477144
                      _cons |   .2855543   1.646197      0.17   0.863     -2.97125    3.542358
------------------------------------------------------------------------------------------------
(est1 stored)

Linear regression, absorbing indicators           Number of obs     =  1,368
Absorbed variable: CTY_cd                         No. of categories =    131
                                                  F(7, 130)         =  75.74
                                                  Prob > F          = 0.0000
                                                  R-squared         = 0.7839
                                                  Adj R-squared     = 0.7598
                                                  Root MSE          = 0.3124

                                                  (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                  Lnl1996mean | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.4388114   .0567436    -7.73   0.000    -.5510718
-.326551
                    area_1970 |  -.0049196   .0005741    -8.57   0.000    -.0060553   -.0037838
                         eup |   .3364686   .0415091     8.11   0.000     .2543478    .4185894
        demo_female_share_1966 |  -.2513032   2.283767    -0.11   0.913    -4.769462
4.266856
          demo_age_15plus_1966 |   4.698822   1.456918     3.23   0.002     1.816483     7.58116
          demo_illiterate_1966 |  -.3507411   .2728211    -1.29   0.201     -.890485    .1890028
          demo_pop_ch_1970_1966 |   .0592825   .1560838     0.38   0.705    -.2495107
.3680756
                      _cons |    1.29452   1.307374      0.99   0.324    -1.291963    3.881002
------------------------------------------------------------------------------------------------
(est2 stored)

Linear regression, absorbing indicators           Number of obs     =  1,368
Absorbed variable: CTY_cd                         No. of categories =    131
                                                  F(7, 130)         =  64.49
                                                  Prob > F          = 0.0000
                                                  R-squared         = 0.7939
                                                  Adj R-squared     = 0.7710
                                                  Root MSE          = 0.3091

                                                  (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                  Lnl2001mean | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.4014815   .0514628    -7.80   0.000    -.5032945
-.2996685
```

```
                area_1970 |  -.0044296   .0005489    -8.07   0.000    -.0055157   -.0033436
                     eup |   .3265229   .0401855     8.13   0.000     .2470207    .4060252
      demo_female_share_1966 |  -.7926996   1.988888    -0.40   0.691    -4.727478
3.142078
       demo_age_15plus_1966 |   5.270162   1.395661     3.78   0.000     2.509013
8.031311
       demo_illiterate_1966 |  -.3600537   .2718747    -1.32   0.188    -.8979253    .1778178
      demo_pop_ch_1970_1966 |    .062633   .1472846     0.43   0.671    -.2287521
.354018
                   _cons |   1.225209   1.167903     1.05   0.296    -1.085347    3.535766
------------------------------------------------------------------------------------------------
(est3 stored)

Linear regression, absorbing indicators             Number of obs     =  1,368
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(7, 130)         =  58.66
                                                    Prob > F          =  0.0000
                                                    R-squared         =  0.7665
                                                    Adj R-squared     =  0.7405
                                                    Root MSE          =  0.3611

                                                   (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                  Lnl2006mean | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.4294229   .0603816    -7.11   0.000    -.5488805
-.3099652
                area_1970 |  -.0049645   .0005964    -8.32   0.000    -.0061444   -.0037847
                     eup |   .3738254   .0451913     8.27   0.000     .2844199    .4632309
      demo_female_share_1966 |  -1.176534   2.336545    -0.50   0.615    -5.799109
3.44604
       demo_age_15plus_1966 |   6.317149   1.607518     3.93   0.000     3.136866
9.497431
       demo_illiterate_1966 |  -.4378853   .2972112    -1.47   0.143    -1.025882    .1501115
      demo_pop_ch_1970_1966 |   .0613872   .1581253     0.39   0.698    -.2514448
.3742191
                   _cons |   .8289747   1.331326     0.62   0.535    -1.804895    3.462844
------------------------------------------------------------------------------------------------
(est4 stored)

Linear regression, absorbing indicators             Number of obs     =  1,368
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(7, 130)         =  57.97
                                                    Prob > F          =  0.0000
                                                    R-squared         =  0.7756
                                                    Adj R-squared     =  0.7506
                                                    Root MSE          =  0.3436
```

(Std. err. adjusted for 131 clusters in CTY_cd)

Lnl2011mean	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interval]	
total_Lamount_1974_1978_perelect	-.4148732	.0586904	-7.07	0.000	-.5309851	-.2987614
area_1970	-.0050955	.0006381	-7.99	0.000	-.006358	-.0038331
eup	.3455082	.0452856	7.63	0.000	.255916	.4351003
demo_female_share_1966	-1.531467	2.377431	-0.64	0.521	-6.23493	3.171996
demo_age_15plus_1966	5.608655	1.558862	3.60	0.000	2.524634	8.692676
demo_illiterate_1966	-.3463882	.297487	-1.16	0.246	-.9349306	.2421542
demo_pop_ch_1970_1966	.0150343	.1402587	0.11	0.915	-.2624507	.2925193
_cons	1.576816	1.319225	1.20	0.234	-1.033114	4.186745

(est5 stored)

.
. esttab, b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

	(1) 1992 night~)	(2) 1996 night~)	(3) 2001 night~)	(4) 2006 night~)	(5) 2011 night~)
NVM subsidy per vo~)	-0.433**	-0.439**	-0.401**	-0.429**	-0.415**
	(0.060)	(0.057)	(0.051)	(0.060)	(0.059)
Area in 1970	-0.005**	-0.005**	-0.004**	-0.005**	-0.005**
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
eup in 1970	0.277**	0.336**	0.327**	0.374**	0.346**
	(0.040)	(0.042)	(0.040)	(0.045)	(0.045)
Female pop shar~1966	0.020	-0.251	-0.793	-1.177	-1.531
	(2.554)	(2.284)	(1.989)	(2.337)	(2.377)
Share of pop ag~1966	5.611**	4.699**	5.270**	6.317**	5.609**
	(1.651)	(1.457)	(1.396)	(1.608)	(1.559)
Illiterate pop ~1966	-0.622+	-0.351	-0.360	-0.438	-0.346
	(0.327)	(0.273)	(0.272)	(0.297)	(0.297)
Pop change 1966-1970	0.169	0.059	0.063	0.061	0.015
	(0.191)	(0.156)	(0.147)	(0.158)	(0.140)
Constant	0.286	1.295	1.225	0.829	1.577
	(1.646)	(1.307)	(1.168)	(1.331)	(1.319)
Observations	1368	1368	1368	1368	1368
Adjusted R-squared	0.763	0.760	0.771	0.740	0.751

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
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*==========
==========
. * Table 5 and Appendix Table B12
. * x = total NVM subsidy per voter (total_Lamount_1974_1978_perelect),
. * For Model (1), y = Difference between share of households with mechanical cultivator in 1970 and in 1980 (cul_197080)
. * For Model (2), y = share of households with mechanical cultivator in 2010 (cul_2010)
. * For Model (3), y = share of full-time farming households in (ful_2010)
. * For Model (4), y = change in agricultural population (log, 1970 - 80) (agpop_ch_8070)
. * For Model (4), y = Share of population age 55+ in 2010 (pop_old_55_plus_share_2010)
.
*==========
==========
. eststo clear

.
.
. foreach y of var cul_197080 cul_2010 ful_2010 agpop_ch_8070 pop_old_55_plus_share_2010 {
  2. areg `y' total_Lamount_1974_1978_perelect area_1970 eup ///
> demo_female_share_1966 demo_age_15plus_1966 demo_illiterate_1966 ///
> demo_pop_ch_1970_1966 ///
> , absorb(CTY_cd) vce(cluster CTY_cd)
  3. eststo
  4. }

Linear regression, absorbing indicators Number of obs = 1,360
Absorbed variable: CTY_cd No. of categories = 131
F(7, 130) = 32.23
Prob > F = 0.0000
R-squared = 0.6177
Adj R-squared = 0.5748
Root MSE = 0.0429

(Std. err. adjusted for 131 clusters in CTY_cd)

| Robust
cul_197080 | Coefficient std. err. t P>|t| [95% conf. interval]
---
total_Lamount_1974_1978_perelect | .0147625 .0074274 1.99 0.049 .0000683 .0294567
area_1970 | -.0001463 .0000456 -3.20 0.002 -.0002366 -.000056
eup | -.0472717 .0050177 -9.42 0.000 -.0571985 -.0373449

```
         demo_female_share_1966 |  -.2067979   .3758999    -0.55   0.583    -.9504708
.5368751
          demo_age_15plus_1966 |  -.5241229   .2053878    -2.55   0.012    -.9304582
-.1177876
          demo_illiterate_1966 |   -.060094   .0309871    -1.94   0.055    -.1213982    .0012102
         demo_pop_ch_1970_1966 |  -.0430307    .028305    -1.52   0.131    -.0990289
.0129674
                     _cons |   .5095395   .2033479     2.51   0.013     .1072401    .9118389
------------------------------------------------------------------------------------------------
(est1 stored)

Linear regression, absorbing indicators             Number of obs     =  1,303
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(7, 130)         =  37.44
                                                    Prob > F          =  0.0000
                                                    R-squared         =  0.6401
                                                    Adj R-squared     =  0.5978
                                                    Root MSE          =  0.0820

                                                   (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                    cul_2010 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |     .07246   .0150209     4.82   0.000     .0427428
.1021771
                  area_1970 |  -.0001651   .0001034    -1.60   0.113    -.0003698    .0000395
                       eup |  -.1198463   .0116207   -10.31   0.000    -.1428366   -.0968561
         demo_female_share_1966 |   1.649793   .4608628     3.58   0.000      .738031    2.561555
          demo_age_15plus_1966 |  -1.756505   .3083859    -5.70   0.000     -2.36661     -1.1464
          demo_illiterate_1966 |  -.1105129   .0658012    -1.68   0.095    -.2406927     .019667
         demo_pop_ch_1970_1966 |  -.0142747   .0374735    -0.38   0.704    -.0884115
.0598621
                     _cons |   .3382454    .264244     1.28   0.203    -.1845297    .8610205
------------------------------------------------------------------------------------------------
(est2 stored)

Linear regression, absorbing indicators             Number of obs     =  1,303
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(7, 130)         =  55.08
                                                    Prob > F          =  0.0000
                                                    R-squared         =  0.6637
                                                    Adj R-squared     =  0.6241
                                                    Root MSE          =  0.0928

                                                   (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
```

```
                    ful_2010 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0854691   .0155453     5.50   0.000     .0547145
.1162237
                   area_1970 |   .0001173    .000121     0.97   0.334    -.0001221    .0003567
                         eup |  -.1412308   .0133127   -10.61   0.000    -.1675683   -.1148933
         demo_female_share_1966 |   1.408473    .534777     2.63   0.009     .3504811    2.466466
          demo_age_15plus_1966 |  -2.145826   .3289435    -6.52   0.000    -2.796602
-1.495051
           demo_illiterate_1966 |   -.237358   .0680245    -3.49   0.001    -.3719363   -.1027797
         demo_pop_ch_1970_1966 |  -.0122441   .0486788    -0.25   0.802    -.1085494
.0840612
                       _cons |   .7445623   .3099487     2.40   0.018     .1313658    1.357759
------------------------------------------------------------------------------------------------
(est3 stored)

Linear regression, absorbing indicators             Number of obs     =  1,357
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(7, 130)         =   4.79
                                                    Prob > F          = 0.0001
                                                    R-squared         = 0.3389
                                                    Adj R-squared     = 0.2646
                                                    Root MSE          = 0.1266

                                                   (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                  agpop_ch_8070 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0798047   .0363709     2.19   0.030     .0078492
.1517602
                   area_1970 |   .0000687   .0001431     0.48   0.632    -.0002144    .0003518
                         eup |   .0733455   .0258413     2.84   0.005     .0222217    .1244694
         demo_female_share_1966 |   1.836286   .7842155     2.34   0.021     .2848099
3.387763
          demo_age_15plus_1966 |   1.321558   .4995424     2.65   0.009     .3332734
2.309843
           demo_illiterate_1966 |   .0908021   .0698865     1.30   0.196      -.04746    .2290641
         demo_pop_ch_1970_1966 |   -.05635   .0464221    -1.21   0.227    -.1481906
.0354905
                       _cons |  -2.073995   .4669866    -4.44   0.000    -2.997872   -1.150118
------------------------------------------------------------------------------------------------
(est4 stored)

Linear regression, absorbing indicators             Number of obs     =  1,305
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(7, 130)         =  52.42
                                                    Prob > F          = 0.0000
```

```
                                        R-squared         = 0.6419
                                        Adj R-squared     = 0.5999
                                        Root MSE          = 0.0993

                                        (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                                |               Robust
     pop_old_55_plus_share_2010 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .1153589   .0155658     7.41   0.000     .0845639
.146154
                      area_1970 |   .0002941   .0001219     2.41   0.017      .000053    .0005353
                            eup |  -.1381132   .0143625    -9.62   0.000    -.1665278   -.1096986
          demo_female_share_1966 |   1.879944   .5856907     3.21   0.002      .721225    3.038663
            demo_age_15plus_1966 |  -1.653829   .3652845    -4.53   0.000      -2.3765   -.9311569
            demo_illiterate_1966 |  -.0155881   .0621441    -0.25   0.802    -.1385328    .1073565
           demo_pop_ch_1970_1966 |   .0077205   .0514968     0.15   0.881    -.0941598
.1096007
                       _cons |   .3087446    .331531     0.93   0.353    -.3471498     .964639
------------------------------------------------------------------------------------------------
(est5 stored)

.
. esttab,  b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------------------------------------------
                      (1)            (2)            (3)            (4)            (5)
                Cultivat~80)   Share of h~    Share of f~e   change in ~o   Share of p~2
------------------------------------------------------------------------------------------------
NVM subsidy per vo~)          0.015*         0.072**        0.085**        0.080*         0.115**
                    (0.007)        (0.015)        (0.016)        (0.036)        (0.016)
Area in 1970                -0.000**       -0.000          0.000          0.000          0.000*
                    (0.000)        (0.000)        (0.000)        (0.000)        (0.000)
eup in 1970                 -0.047**       -0.120**       -0.141**        0.073**       -0.138**
                    (0.005)        (0.012)        (0.013)        (0.026)        (0.014)
Female pop shar~1966        -0.207          1.650**        1.408**        1.836*         1.880**
                    (0.376)        (0.461)        (0.535)        (0.784)        (0.586)
Share of pop ag~1966        -0.524*        -1.757**       -2.146**        1.322**       -1.654**
                    (0.205)        (0.308)        (0.329)        (0.500)        (0.365)
Illiterate pop ~1966        -0.060+        -0.111+        -0.237**        0.091         -0.016
                    (0.031)        (0.066)        (0.068)        (0.070)        (0.062)
Pop change 1966-1970        -0.043         -0.014         -0.012         -0.056          0.008
                    (0.028)        (0.037)        (0.049)        (0.046)        (0.051)
Constant                     0.510*         0.338          0.745*        -2.074**        0.309
                    (0.203)        (0.264)        (0.310)        (0.467)        (0.332)
------------------------------------------------------------------------------------------------
Observations                 1360           1303           1303           1357           1305
Adjusted R-squared           0.575          0.598          0.624          0.265          0.600
```

```
-------------------------------------------------------------------------------
Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
.
.
*================================================================
==================
. * Appendix Table C1 descriptive statistics of survey data
.
*================================================================
==================
. clear

. use 2_residential_satisfaction_survey_recoded

. sum local_SWB town_belong social happy town_future income length married age male
education farmers

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   local_SWB |      3,836    6.107143     2.28372          0         10
 town_belong |      2,076    5.938825    2.184858          0         10
      social |      2,076    6.223507     2.18762          0         10
       happy |      3,836    6.093326    2.185444          0         10
 town_future |      3,836    5.854015    2.309001          0         10
-------------+---------------------------------------------------------
      income |      3,836    3.483577    1.426511          1          5
      length |      3,836    21.38882    21.18251          0         94
     married |      3,836    .7460897    .4353037          0          1
         age |      3,836    49.72028    15.95426         19         99
        male |      3,836    .5036496    .5000519          0          1
-------------+---------------------------------------------------------
   education |      3,836    3.419447    .9109087          1          5
     farmers |      3,836    .3534932    .4781165          0          1

.
. clear

. use 3_rural_village_survey_recoded

. sum socialact_c Q1421 Q1422  Q1423  Q1424  Q1425  Q1426  Q1427 Q1428 Q067  stay
length  male age

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
```

```
 socialact_c |      2,151     11.39563     8.111328          0         40
       Q1421 |      2,151     2.815435     1.755222          0          5
       Q1422 |      2,151     2.069735     1.938057          0          5
       Q1423 |      2,151     .6317992     1.416249          0          5
       Q1424 |      2,151     .4937238      1.26301          0          5
-------------+---------------------------------------------------------
       Q1425 |      2,151     .3412366     1.125091          0          5
       Q1426 |      2,151     2.689447     1.845239          0          5
       Q1427 |      2,151     2.015342     1.949179          0          5
       Q1428 |      2,151     .3389121     1.061358          0          5
        Q067 |      2,151     7.886564     1.578389          0         10
-------------+---------------------------------------------------------
        stay |      2,151     .9735007     .1606521          0          1
      length |      2,151     44.48768     25.85316          1         97
        male |      2,151     .4435146     .4969147          0          1
         age |      2,151     68.17434      12.719         30         98

.
. clear

. use 4_korean_identity_survey_recoded

. sum pch_econ pch_pol social_capital ideology policy income education male age

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
    pch_econ |      1,006    3.480119    .6788213          1          4
     pch_pol |      1,006    2.977137    .8336661          1          4
social_~ital |      1,006    2.021598    .8861243          1   5.545455
    ideology |      1,005    5.298507    1.739639          0         10
      policy |        990    5.483838     1.82091          1          9
-------------+---------------------------------------------------------
      income |      1,005    3.942289    2.019983          1         11
   education |      1,003     3.26321    .8859699          1          5
        male |      1,006    .4960239    .5002329          0          1
         age |      1,006    45.90258    15.28543         19         83

.
.
.
.
.
*=================================================================
==================
. * Table 6 Survey and Appendix C2
.
*=================================================================
==================
```

```
. clear

. use 2_residential_satisfaction_survey_recoded

.
. eststo clear

.
. * models (1) to (3)
. foreach y of var local_SWB town_belong social  {
  2. foreach x of var total_Lamount_1974_1978_perelect  {
  3.
. areg `y' `x' income length married age male education farmers year_fe, absorb(CTY_cd)
vce(cluster CTY_cd)
  4. eststo
  5.
. }
  6. }

Linear regression, absorbing indicators             Number of obs      =  3,836
Absorbed variable: CTY_cd                           No. of categories =    131
                                                    F(9, 130)          =  19.56
                                                    Prob > F           =  0.0000
                                                    R-squared          =  0.1577
                                                    Adj R-squared      =  0.1260
                                                    Root MSE           =  2.1350

                                                   (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                     local_SWB | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .1536104   .1732968     0.89   0.377    -.1892365
.4964573
                        income |   .1913389   .0411153     4.65   0.000     .1099972    .2726806
                        length |   .0063555    .002662     2.39   0.018      .001089    .0116221
                       married |   .7785873   .1502976     5.18   0.000     .4812415    1.075933
                           age |   .0092943   .0054357     1.71   0.090    -.0014596    .0200482
                          male |    .037699   .0759596     0.50   0.621    -.1125779     .187976
                     education |   .0008306   .0816655     0.01   0.992    -.1607349    .1623961
                       farmers |   .3841844   .1154771     3.33   0.001     .1557268    .6126421
                       year_fe |   .0568112   .0926803     0.61   0.541    -.1265457     .240168
                         _cons |   3.905671   .4053549     9.64   0.000     3.103725    4.707617
------------------------------------------------------------------------------------------------
(est1 stored)
note: year_fe omitted because of collinearity.

Linear regression, absorbing indicators             Number of obs      =  2,076
```

```
Absorbed variable: CTY_cd                       No. of categories =     127
                                                F(8, 126)         =   18.47
                                                Prob > F          =  0.0000
                                                R-squared         =  0.3152
                                                Adj R-squared     =  0.2679
                                                Root MSE          =  1.8694

                                              (Std. err. adjusted for 127 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                    town_belong | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.0306365   .2393924    -0.13   0.898     -.504387
.443114
                        income |   .0404538   .0540957     0.75   0.456       -.0666    .1475075
                        length |    .009564   .0027922     3.43   0.001     .0040383    .0150898
                       married |    .910629   .1707906     5.33   0.000     .5726395    1.248618
                           age |   .0158574   .0061467     2.58   0.011     .0036932    .0280215
                          male |   .0488905   .0904992     0.54   0.590    -.1302048    .2279858
                     education |  -.0699443   .0775616    -0.90   0.369    -.2234365    .0835478
                       farmers |   .5096892   .1560544     3.27   0.001     .2008622    .8185162
                       year_fe |           0  (omitted)
                         _cons |   3.937378   .5274983     7.46   0.000     2.893475    4.981282
------------------------------------------------------------------------------------------------
(est2 stored)
note: year_fe omitted because of collinearity.

Linear regression, absorbing indicators         Number of obs     =  2,076
Absorbed variable: CTY_cd                       No. of categories =     127
                                                F(8, 126)         =   17.44
                                                Prob > F          =  0.0000
                                                R-squared         =  0.2921
                                                Adj R-squared     =  0.2433
                                                Root MSE          =  1.9030

                                              (Std. err. adjusted for 127 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                     social | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |    -.19932   .2315104    -0.86   0.391    -.6574721
.2588322
                        income |   .0793363   .0531717     1.49   0.138    -.0258888    .1845615
                        length |   .0125213   .0029818     4.20   0.000     .0066203    .0184222
                       married |   .8230846   .1733395     4.75   0.000     .4800509    1.166118
                           age |   .0175746   .0061241     2.87   0.005     .0054552     .029694
                          male |   .0594781   .0941437     0.63   0.529    -.1268295    .2457858
                     education |   -.068849   .0733424    -0.94   0.350    -.2139914    .0762934
```

```
                    farmers |   .4872662   .1495395     3.26   0.001     .1913318    .7832006
                    year_fe |           0  (omitted)
                      _cons |   4.178481   .4808807     8.69   0.000     3.226832    5.13013
------------------------------------------------------------------------------------------------
(est3 stored)

.
. * model (4)
. clear

. use 3_rural_village_survey_recoded

.
. foreach y of var socialact_c {
  2. foreach x of var total_Lamount_1974_1978_perelect  {
  3.
. areg `y' `x'  male age length , absorb(CTY_cd)   vce(cluster CTY_cd)
  4. eststo
  5. }
  6. }

Linear regression, absorbing indicators          Number of obs     =  1,858
Absorbed variable: CTY_cd                        No. of categories =     27
                                                 F(4, 26)          =  14.58
                                                 Prob > F          =  0.0000
                                                 R-squared         =  0.1718
                                                 Adj R-squared     =  0.1582
                                                 Root MSE          =  7.3087

                                                 (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                                |               Robust
                     socialact_c | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------------------+--------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.5334592   1.830421    -0.29   0.773    -4.295944
3.229026
                            male |   .9489622   .3921364     2.42   0.023     .1429142     1.75501
                             age |  -.1014145   .0241815    -4.19   0.000    -.1511204   -.0517087
                          length |   .0724217   .0106398     6.81   0.000     .0505514    .0942921
                           _cons |   15.83256   2.344079     6.75   0.000     11.01423    20.65088
------------------------------------------------------------------------------------------------
(est4 stored)

.
. * models (5) and (6)
. clear

. use 4_korean_identity_survey_recoded
```

```
.
.
. foreach y of var pch_econ pch_pol   {
  2. foreach x of var total_Lamount_1974_1978_perelect {
  3.
. areg `y' `x' male age education income, absorb(CTY_cd) vce(cluster CTY_cd)
  4. eststo
  5.
. }
  6. }

Linear regression, absorbing indicators             Number of obs     =     360
Absorbed variable: CTY_cd                           No. of categories =      23
                                                    F(5, 22)          =    4.05
                                                    Prob > F          =  0.0093
                                                    R-squared         =  0.2824
                                                    Adj R-squared     =  0.2240
                                                    Root MSE          =  0.6322

                                                    (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                   pch_econ | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .3483055   .1654685     2.10   0.047      .0051447
.6914662
                        male |   .0957269   .0683291     1.40   0.175     -.045979     .2374327
                         age |   .0106488   .0035343     3.01   0.006      .003319     .0179785
                   education |  -.0148475   .0559993    -0.27   0.793     -.130983      .101288
                      income |   .0296591   .0209013     1.42   0.170     -.0136877     .0730058
                       _cons |   2.524453   .3830223     6.59   0.000     1.730114     3.318793
------------------------------------------------------------------------------
(est5 stored)

Linear regression, absorbing indicators             Number of obs     =     360
Absorbed variable: CTY_cd                           No. of categories =      23
                                                    F(5, 22)          =    6.66
                                                    Prob > F          =  0.0006
                                                    R-squared         =  0.2866
                                                    Adj R-squared     =  0.2286
                                                    Root MSE          =  0.7409

                                                    (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                   pch_pol | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
```

```
total_Lamount_1974_1978_perelect |    .327084   .1666791     1.96   0.062    -.0185873
.6727553
                            male |  -.0006029   .0704849    -0.01   0.993    -.1467797    .1455739
                             age |   .0099663   .0033452     2.98   0.007     .0030289    .0169038
                       education |  -.0625439   .0564972    -1.11   0.280     -.179712    .0546242
                          income |   .0150767   .0248385     0.61   0.550    -.0364352    .0665887
                           _cons |    2.34188   .3293578     7.11   0.000     1.658834    3.024926
------------------------------------------------------------------------------------------------
(est6 stored)

.
. esttab,  b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------------------------------------------------------
--
                              (1)             (2)             (3)             (4)             (5)             (6)
                        local_SWB     town_belong          social     socialact_c    Park contr~e    Park
contr~d
------------------------------------------------------------------------------------------------------------
--
NVM subsidy per vo~)          0.154          -0.031          -0.199          -0.533           0.348*
0.327+
                          (0.173)         (0.239)         (0.232)         (1.830)         (0.165)         (0.167)
RECODE of BQ5 (Hou~)          0.191**         0.040           0.079                           0.030
0.015
                          (0.041)         (0.054)         (0.053)                         (0.021)         (0.025)
length                         0.006*          0.010**         0.013**         0.072**
                          (0.003)         (0.003)         (0.003)         (0.011)
married                        0.779**         0.911**         0.823**
                          (0.150)         (0.171)         (0.173)
age                            0.009+          0.016*          0.018**        -0.101**         0.011**
0.010**
                          (0.005)         (0.006)         (0.006)         (0.024)         (0.004)         (0.003)
RECODE of SQ4 (sex)           0.038           0.049           0.059           0.949*          0.096
-0.001
                          (0.076)         (0.090)         (0.094)         (0.392)         (0.068)         (0.070)
RECODE of BQ2 (Edu~)          0.001          -0.070          -0.069                          -0.015
-0.063
                          (0.082)         (0.078)         (0.073)                         (0.056)         (0.056)
farmers                        0.384**         0.510**         0.487**
                          (0.115)         (0.156)         (0.150)
year_fe                        0.057           0.000           0.000
                          (0.093)             (.)             (.)
Constant                       3.906**         3.937**         4.178**        15.833**         2.524**
2.342**
                          (0.405)         (0.527)         (0.481)         (2.344)         (0.383)         (0.329)
------------------------------------------------------------------------------------------------------------
--
```

Observations	3836	2076	2076	1858	360	360
Adjusted R-squared	0.126	0.268	0.243	0.158	0.224	0.229

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
.
*===
. * Appendix Table C3 Activities
.
*===
. * check each community activity seperately
. clear

. use 3_rural_village_survey_recoded

.
. eststo clear

.
. foreach y of var Q1421 Q1422 Q1423 Q1424 Q1425 Q1426 Q1427 Q1428 {
  2. foreach x of var total_Lamount_1974_1978_perelect {
  3.
. areg `y' `x' male age length , absorb(CTY_cd)   vce(cluster CTY_cd)
  4. eststo
  5. }
  6. }

Linear regression, absorbing indicators Number of obs = 1,858
Absorbed variable: CTY_cd No. of categories = 27
F(4, 26) = 13.04
Prob > F = 0.0000
R-squared = 0.1729
Adj R-squared = 0.1593
Root MSE = 1.5434

(Std. err. adjusted for 27 clusters in CTY_cd)

Q1421	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interval]

```
total_Lamount_1974_1978_perelect |   .0470894   .1998161     0.24   0.816    -.3636384
.4578173
                            male |   .1063503   .0761397     1.40   0.174    -.0501571    .2628577
                             age |    -.00776   .0050115    -1.55   0.134    -.0180614    .0025413
                          length |   .0120293   .0018956     6.35   0.000     .0081329    .0159257
                           _cons |   2.872463   .3811871     7.54   0.000     2.088922    3.656004
------------------------------------------------------------------------------------------------
(est1 stored)

Linear regression, absorbing indicators           Number of obs     =  1,858
Absorbed variable: CTY_cd                         No. of categories =     27
                                                  F(4, 26)          =  11.43
                                                  Prob > F          =  0.0000
                                                  R-squared         =  0.2395
                                                  Adj R-squared     =  0.2270
                                                  Root MSE          =  1.7044

                                                  (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                      Q1422 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.1637104    .455301    -0.36   0.722    -1.099595
.7721742
                            male |   .2323226   .0810397     2.87   0.008     .0657432    .3989021
                             age |  -.0238208   .0047615    -5.00   0.000    -.0336081   -.0140335
                          length |   .0070482   .0021903     3.22   0.003      .002546    .0115504
                           _cons |   3.589374   .5568222     6.45   0.000     2.444809    4.733938
------------------------------------------------------------------------------------------------
(est2 stored)

Linear regression, absorbing indicators           Number of obs     =  1,858
Absorbed variable: CTY_cd                         No. of categories =     27
                                                  F(4, 26)          =  17.79
                                                  Prob > F          =  0.0000
                                                  R-squared         =  0.2185
                                                  Adj R-squared     =  0.2057
                                                  Root MSE          =  1.2938

                                                  (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                      Q1423 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.3299554   .5547907    -0.59   0.557    -1.470344
.8104333
                            male |    .513332   .0696838     7.37   0.000     .3700949    .6565692
                             age |  -.0228975   .0041749    -5.48   0.000    -.0314791   -.0143159
```

```
                length |   .0114566   .0022372     5.12   0.000     .0068579    .0160553
                 _cons |   1.872642   .7106508     2.64   0.014      .411878    3.333405
------------------------------------------------------------------------------------------
(est3 stored)

Linear regression, absorbing indicators          Number of obs     =  1,858
Absorbed variable: CTY_cd                        No. of categories =     27
                                                 F(4, 26)          =   6.38
                                                 Prob > F          =  0.0010
                                                 R-squared         =  0.1644
                                                 Adj R-squared     =  0.1506
                                                 Root MSE          =  1.1765

                                                 (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------------------
                       |               Robust
                Q1424 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
----------------------+-------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   -.506032   .5584304    -0.91   0.373    -1.653902
.641838
                  male |   .0475783   .0661169     0.72   0.478    -.0883269    .1834834
                   age |  -.0145783   .0030437    -4.79   0.000    -.0208346   -.0083219
                length |   .0059634    .002049     2.91   0.007     .0017516    .0101752
                 _cons |   1.802973   .7189054     2.51   0.019     .3252419    3.280704
------------------------------------------------------------------------------------------
(est4 stored)

Linear regression, absorbing indicators          Number of obs     =  1,858
Absorbed variable: CTY_cd                        No. of categories =     27
                                                 F(4, 26)          =   3.97
                                                 Prob > F          =  0.0120
                                                 R-squared         =  0.1465
                                                 Adj R-squared     =  0.1325
                                                 Root MSE          =  1.0585

                                                 (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------------------
                       |               Robust
                Q1425 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
----------------------+-------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.1111936   .1581162    -0.70   0.488     -.436206
.2138188
                  male |   .0274618   .0543537     0.51   0.618    -.0842638    .1391875
                   age |  -.0149112   .0040148    -3.71   0.001    -.0231638   -.0066585
                length |   .0050183   .0020366     2.46   0.021      .000832    .0092046
                 _cons |   1.257034   .2766948     4.54   0.000     .6882795    1.825788
------------------------------------------------------------------------------------------
(est5 stored)
```

```
Linear regression, absorbing indicators          Number of obs     =  1,858
Absorbed variable: CTY_cd                        No. of categories =     27
                                                 F(4, 26)          =   9.99
                                                 Prob > F          =  0.0000
                                                 R-squared         =  0.1260
                                                 Adj R-squared     =  0.1116
                                                 Root MSE          =  1.7244

                                                 (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                      Q1426 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.0910705   .2881665    -0.32   0.754    -.6834052
.5012642
                        male |  -.3188012   .1147306    -2.78   0.010    -.5546333   -.0829692
                         age |   .0065671    .005105     1.29   0.210    -.0039263    .0170606
                      length |   .0148786    .002949     5.05   0.000     .0088169    .0209402
                       _cons |    1.9088   .4410413     4.33   0.000     1.002226    2.815373
------------------------------------------------------------------------------
(est6 stored)

Linear regression, absorbing indicators          Number of obs     =  1,858
Absorbed variable: CTY_cd                        No. of categories =     27
                                                 F(4, 26)          =  10.72
                                                 Prob > F          =  0.0000
                                                 R-squared         =  0.1798
                                                 Adj R-squared     =  0.1663
                                                 Root MSE          =  1.7855

                                                 (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                      Q1427 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .7219768   .5389549     1.34   0.192    -.3858609
1.829814
                        male |   .3366855   .0937242     3.59   0.001     .1440326    .5293384
                         age |  -.0165269   .0055377    -2.98   0.006    -.0279098    -.005144
                      length |   .0137173   .0028215     4.86   0.000     .0079177     .019517
                       _cons |   1.645584   .6639888     2.48   0.020     .2807355    3.010433
------------------------------------------------------------------------------
(est7 stored)

Linear regression, absorbing indicators          Number of obs     =  1,858
Absorbed variable: CTY_cd                        No. of categories =     27
                                                 F(4, 26)          =   1.91
```

```
                                                  Prob > F          = 0.1380
                                                  R-squared         = 0.1343
                                                  Adj R-squared     = 0.1201
                                                  Root MSE          = 1.0319

                                                  (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                                  |               Robust
                            Q1428 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
--------------------------------+---------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.1005635   .1325902    -0.76   0.455    -.3731066
.1719796
                            male |   .0040327   .0451425     0.09   0.930     -.088759    .0968245
                             age |   -.007487   .0036479    -2.05   0.050    -.0149854    .0000114
                          length |     .00231   .0013615     1.70   0.102    -.0004886    .0051086
                           _cons |   .8836874   .2071314     4.27   0.000     .4579227    1.309452
------------------------------------------------------------------------------------------------
(est8 stored)

.
. esttab,  b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

------------------------------------------------------------------------------------------------------------------------------------
                              (1)            (2)            (3)            (4)            (5)            (6)            (7)
            (8)
                     Social gat~g   Town-wide ~p   maintenanc~s   labor shar~g   Communal b~s
Village as~n   Town hall ~g   Club activ~s
------------------------------------------------------------------------------------------------------------------------------------
NVM subsidy per vo~)        0.047          -0.164          -0.330          -0.506          -0.111
-0.091          0.722          -0.101
                          (0.200)         (0.455)         (0.555)         (0.558)         (0.158)         (0.288)
(0.539)         (0.133)
RECODE of sex (sex)         0.106           0.232**         0.513**         0.048           0.027
-0.319*         0.337**         0.004
                          (0.076)         (0.081)         (0.070)         (0.066)         (0.054)         (0.115)
(0.094)         (0.045)
Age                        -0.008          -0.024**        -0.023**        -0.015**        -0.015**         0.007
       -0.017**        -0.007+
                          (0.005)         (0.005)         (0.004)         (0.003)         (0.004)         (0.005)
(0.006)         (0.004)
Length of residence         0.012**         0.007**         0.011**         0.006**         0.005*
0.015**         0.014**         0.002
                          (0.002)         (0.002)         (0.002)         (0.002)         (0.002)         (0.003)
(0.003)         (0.001)
Constant                    2.872**         3.589**         1.873*          1.803*          1.257**
1.909**         1.646*          0.884**
```

(0.381) (0.557) (0.711) (0.719) (0.277) (0.441) (0.664) (0.207)

Observations 1858 1858 1858 1858 1858 1858 1858 1858
Adjusted R-squared 0.159 0.227 0.206 0.151 0.133 0.112 0.166 0.120

Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
.
.
*==========
. * Appendix Table C4
. * additional analysis on socla capital and political attitude
.
*==========
. clear

. use 2_residential_satisfaction_survey_recoded

.
. eststo clear

.
. * models (1) and (2)
. foreach y of var happy town_future {
2.
. foreach x of var total_Lamount_1974_1978_perelect {
3.
. areg `y' `x' income length married age male education farmers year_fe, absorb(CTY_cd) vce(cluster CTY_cd)
4. eststo
5.
. }
6. }

Linear regression, absorbing indicators Number of obs = 3,836
Absorbed variable: CTY_cd No. of categories = 131
F(9, 130) = 24.74
Prob > F = 0.0000

```
                                                R-squared         =  0.1407
                                                Adj R-squared     =  0.1084
                                                Root MSE          =  2.0637

                                               (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                       happy | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .1424478   .1539628     0.93   0.357    -.1621491
.4470448
                      income |   .2378029   .0392554     6.06   0.000     .1601408    .3154651
                      length |    .00621   .0023903     2.60   0.010      .001481     .010939
                     married |   .9129447   .1338852     6.82   0.000     .6480689    1.177821
                         age |   .0031756   .0047193     0.67   0.502    -.0061609    .0125121
                        male |  -.1188807   .0650858    -1.83   0.070    -.2476452    .0098837
                   education |   .0308262   .0733379     0.42   0.675    -.1142641    .1759164
                     farmers |   .3041828   .1020568     2.98   0.003     .1022757    .5060899
                     year_fe |   .0066992   .0843913     0.08   0.937    -.1602588    .1736572
                       _cons |   3.980961   .3941704    10.10   0.000     3.201142    4.760779
------------------------------------------------------------------------------
(est1 stored)

Linear regression, absorbing indicators          Number of obs     =  3,836
Absorbed variable: CTY_cd                        No. of categories =    131
                                                F(9, 130)         =  15.74
                                                Prob > F          =  0.0000
                                                R-squared         =  0.1501
                                                Adj R-squared     =  0.1182
                                                Root MSE          =  2.1683

                                               (Std. err. adjusted for 131 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                  town_future | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.2415155   .1819404    -1.33   0.187    -.6014628
.1184319
                      income |   .1639816   .0398743     4.11   0.000     .0850951    .2428682
                      length |  -.0005677   .0030591    -0.19   0.853    -.0066198    .0054845
                     married |   .8221013   .1395801     5.89   0.000     .5459588    1.098244
                         age |  -.0033844    .003976    -0.85   0.396    -.0112505    .0044818
                        male |  -.0715516   .0831242    -0.86   0.391    -.2360029    .0928997
                   education |   .1624667   .0608783     2.67   0.009     .0420263    .2829071
                     farmers |   .2407069    .104298     2.31   0.023     .0343657    .4470481
                     year_fe |  -.0694923    .085882    -0.81   0.420    -.2393997     .100415
                       _cons |   4.546344   .3560109    12.77   0.000     3.842019    5.250669
------------------------------------------------------------------------------
```

```
(est2 stored)

.
.
. * models (3) and (4)
. use 3_rural_village_survey_recoded

.
. foreach y of var Q067  stay {
  2.
. foreach x of var total_Lamount_1974_1978_perelect  {
  3.
.
. reg `y' `x'  male age length ,     vce(cluster CTY_cd)
  4. eststo
  5. }
  6. }

Linear regression                               Number of obs     =       1,858
                                                F(4, 26)          =        6.27
                                                Prob > F          =      0.0011
                                                R-squared         =      0.0241
                                                Root MSE          =      1.5401

                                          (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                        Q067 | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .9556319   .4958152     1.93   0.065    -.0635309
1.974795
                        male |    .126511   .0778635     1.62   0.116    -.0335397    .2865617
                         age |  -.0090887   .0057398    -1.58   0.125     -.020887    .0027096
                      length |   .0045195    .002123     2.13   0.043     .0001556    .0088834
                       _cons |   7.131474   .7538454     9.46   0.000     5.581923    8.681026
------------------------------------------------------------------------------
(est3 stored)

Linear regression                               Number of obs     =       1,858
                                                F(4, 26)          =        6.10
                                                Prob > F          =      0.0013
                                                R-squared         =      0.0642
                                                Root MSE          =      .15676

                                          (Std. err. adjusted for 27 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                       stay | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
```

```
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.0042517   .0358529    -0.12   0.907    -.0779485
.069445
                            male |  -.0050059   .0066422    -0.75   0.458     -.018659    .0086473
                             age |   .0020995   .0005879     3.57   0.001     .0008911     .003308
                          length |   .0007137   .0002677     2.67   0.013     .0001634     .001264
                           _cons |   .8044833   .0565784    14.22   0.000     .6881847    .9207819
-------------------------------------------------------------------------------------------------
(est4 stored)

.
. * models (5) to (7)
.
. use 4_korean_identity_survey_recoded

.
. foreach y of var social_capital ideology policy  {
  2. foreach x of var total_Lamount_1974_1978_perelect {
  3.
. areg `y' `x' male age education income, absorb(CTY_cd) vce(cluster CTY_cd)
  4. eststo
  5.
. }
  6. }

Linear regression, absorbing indicators          Number of obs     =        360
Absorbed variable: CTY_cd                        No. of categories =         23
                                                 F(5, 22)          =       7.55
                                                 Prob > F          =     0.0003
                                                 R-squared         =     0.3289
                                                 Adj R-squared     =     0.2744
                                                 Root MSE          =     0.8089

                                                 (Std. err. adjusted for 23 clusters in CTY_cd)
-------------------------------------------------------------------------------------------------
                                |               Robust
                  social_capital | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.1694223   .2288249    -0.74   0.467    -.6439761
.3051315
                            male |   .2670253   .0736877     3.62   0.002     .1142064    .4198442
                             age |   .0115417    .003956     2.92   0.008     .0033375    .0197459
                       education |   .1254815   .0612857     2.05   0.053    -.0016172    .2525803
                          income |   .1025869    .027552     3.72   0.001     .0454474    .1597263
                           _cons |   .8256044   .3838479     2.15   0.043     .0295525    1.621656
-------------------------------------------------------------------------------------------------
(est5 stored)
```

```
Linear regression, absorbing indicators           Number of obs     =        360
Absorbed variable: CTY_cd                         No. of categories =         23
                                                  F(5, 22)          =      10.85
                                                  Prob > F          =     0.0000
                                                  R-squared         =     0.1809
                                                  Adj R-squared     =     0.1143
                                                  Root MSE          =     1.6682

                                                  (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                    ideology | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.1300288   .6572143    -0.20   0.845    -1.493008
1.23295
                        male |  -.0819956   .1638462    -0.50   0.622    -.4217917    .2578006
                         age |   .0275158   .0113116     2.43   0.024     .0040569    .0509747
                   education |  -.1815934   .1529626    -1.19   0.248    -.4988184    .1356317
                      income |  -.0183418   .0589976    -0.31   0.759    -.1406953    .1040118
                       _cons |   4.777282   1.150784     4.15   0.000     2.390703     7.16386
------------------------------------------------------------------------------
(est6 stored)

Linear regression, absorbing indicators           Number of obs     =        349
Absorbed variable: CTY_cd                         No. of categories =         23
                                                  F(5, 22)          =       4.58
                                                  Prob > F          =     0.0051
                                                  R-squared         =     0.3337
                                                  Adj R-squared     =     0.2777
                                                  Root MSE          =     1.6465

                                                  (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------
                             |               Robust
                     policy | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.6960033   .4627381    -1.50   0.147    -1.655663
.2636567
                        male |    .461522   .2172793     2.12   0.045     .0109123    .9121318
                         age |   .0234274   .0113608     2.06   0.051    -.0001335    .0469883
                   education |  -.1133542   .1943414    -0.58   0.566    -.5163935    .2896852
                      income |   .0085267    .038747     0.22   0.828    -.0718296    .0888829
                       _cons |   5.371761   1.195151     4.49   0.000      2.89317    7.850353
------------------------------------------------------------------------------
(est7 stored)

.
. esttab, drop(year_fe)  b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)
```

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	happy	town_future	Q067	stay	Social act~e	RECODE of ~g	Policy att~e
NVM subsidy per vo~)	0.142	-0.242	0.956+	-0.004	-0.169	-0.130	-0.696
	(0.154)	(0.182)	(0.496)	(0.036)	(0.229)	(0.657)	(0.463)
RECODE of BQ5 (Hou~)	0.238**	0.164**			0.103**	-0.018	0.009
	(0.039)	(0.040)			(0.028)	(0.059)	(0.039)
length	0.006*	-0.001	0.005*	0.001*			
	(0.002)	(0.003)	(0.002)	(0.000)			
married	0.913**	0.822**					
	(0.134)	(0.140)					
age	0.003	-0.003	-0.009	0.002**	0.012**	0.028*	0.023+
	(0.005)	(0.004)	(0.006)	(0.001)	(0.004)	(0.011)	(0.011)
RECODE of SQ4 (sex)	-0.119+	-0.072	0.127	-0.005	0.267**	-0.082	0.462*
	(0.065)	(0.083)	(0.078)	(0.007)	(0.074)	(0.164)	(0.217)
RECODE of BQ2 (Edu~)	0.031	0.162**			0.125+	-0.182	-0.113
	(0.073)	(0.061)			(0.061)	(0.153)	(0.194)
farmers	0.304**	0.241*					
	(0.102)	(0.104)					
Constant	3.981**	4.546**	7.131**	0.804**	0.826*	4.777**	5.372**
	(0.394)	(0.356)	(0.754)	(0.057)	(0.384)	(1.151)	(1.195)
Observations	3836	3836	1858	1858	360	360	

```
           349
Adjusted R-squared          0.108          0.118          0.022          0.062          0.274
0.114          0.278
-------------------------------------------------------------------------------------------------------
----------------
Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

.
.
.
.
*=============================================================
==================
. * Appendix Table C5
. * evaluation on other presidents
.
*=============================================================
==================
. eststo clear

.
.
. * Q19 = political development,
. * Q20 = deconomic development,
. foreach y of var Q19_1_re Q20_1_re  Q19_3_re Q20_3_re Q19_4_re Q20_4_re Q19_5_re
Q20_5_re Q19_6_re Q20_6_re Q19_7_re  Q20_7_re Q19_8_re Q20_8
> _re  {
  2. foreach x of var total_Lamount_1974_1978_perelect {
  3.
. areg `y' `x' male age education income, absorb(CTY_cd) vce(cluster CTY_cd)
  4. eststo
  5.
. }
  6. }

Linear regression, absorbing indicators                 Number of obs     =        360
Absorbed variable: CTY_cd                               No. of categories =         23
                                                        F(5, 22)          =       1.66
                                                        Prob > F          =     0.1872
                                                        R-squared         =     0.2465
                                                        Adj R-squared     =     0.1852
                                                        Root MSE          =     0.6528

                                                        (Std. err. adjusted for 23 clusters in CTY_cd)
-------------------------------------------------------------------------------------------------------
                            |               Robust
                   Q19_1_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
```

```
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |    .0027444     .208141      0.01    0.990     -.4289137
.4344025
                            male |   -.0991166    .0679865    -1.46    0.159      -.240112     .0418787
                             age |    .0060379    .0028376     2.13    0.045      .0001531     .0119228
                       education |    .0408437    .0544207     0.75    0.461     -.0720179     .1537053
                          income |   -.0213344    .0232829    -0.92    0.369     -.0696201     .0269512
                           _cons |    2.235572    .3745903     5.97    0.000      1.458719     3.012425
-------------------------------------------------------------------------------------------------
(est1 stored)

Linear regression, absorbing indicators             Number of obs     =        360
Absorbed variable: CTY_cd                           No. of categories =         23
                                                    F(5, 22)          =       1.39
                                                    Prob > F          =     0.2676
                                                    R-squared         =     0.1874
                                                    Adj R-squared     =     0.1213
                                                    Root MSE          =     0.6301

                                                    (Std. err. adjusted for 23 clusters in CTY_cd)
-------------------------------------------------------------------------------------------------
                             |               Robust
                   Q20_1_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   -.072501    .2830873    -0.26    0.800     -.6595881
.5145861
                            male |   -.163986    .0759021    -2.16    0.042     -.3213973    -.0065747
                             age |    .0052879    .0037012     1.43    0.167     -.0023879     .0129637
                       education |    .0754006    .0613457     1.23    0.232     -.0518227     .2026238
                          income |   -.0325463     .024598    -1.32    0.199     -.0835596     .0184669
                           _cons |    2.173943    .4418677     4.92    0.000      1.257565      3.09032
-------------------------------------------------------------------------------------------------
(est2 stored)

Linear regression, absorbing indicators             Number of obs     =        360
Absorbed variable: CTY_cd                           No. of categories =         23
                                                    F(5, 22)          =       3.43
                                                    Prob > F          =     0.0193
                                                    R-squared         =     0.2531
                                                    Adj R-squared     =     0.1923
                                                    Root MSE          =     0.7348

                                                    (Std. err. adjusted for 23 clusters in CTY_cd)
-------------------------------------------------------------------------------------------------
                             |               Robust
                   Q19_3_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------------------------+----------------------------------------------------------------
total_Lamount_1974_1978_perelect |    .3704653    .3381562     1.10    0.285     -.3308277
```

1.071758

male	-.0112771	.0560605	-0.20	0.842	-.1275394	.1049851
age	.0045141	.0040778	1.11	0.280	-.0039428	.0129709
education	-.0750757	.0546238	-1.37	0.183	-.1883585	.0382072
income	.0380282	.0277346	1.37	0.184	-.0194898	.0955461
_cons	1.812957	.3959817	4.58	0.000	.9917407	2.634172

(est3 stored)

Linear regression, absorbing indicators Number of obs = 360
Absorbed variable: CTY_cd No. of categories = 23
F(5, 22) = 1.91
Prob > F = 0.1329
R-squared = 0.3044
Adj R-squared = 0.2479
Root MSE = 0.7144

(Std. err. adjusted for 23 clusters in CTY_cd)

| Robust

Q20_3_re	Coefficient	std. err.	t	P>|t|	[95% conf.	interval]
total_Lamount_1974_1978_perelect	.3078976	.3040525	1.01	0.322	-.3226687	.9384638
male	.0738048	.0974302	0.76	0.457	-.1282529	.2758626
age	.0039281	.0035104	1.12	0.275	-.0033519	.0112082
education	-.0059794	.0657552	-0.09	0.928	-.1423473	.1303886
income	.0212474	.0232714	0.91	0.371	-.0270144	.0695092
_cons	2.076215	.3647707	5.69	0.000	1.319727	2.832704

(est4 stored)

Linear regression, absorbing indicators Number of obs = 360
Absorbed variable: CTY_cd No. of categories = 23
F(5, 22) = 0.66
Prob > F = 0.6580
R-squared = 0.2096
Adj R-squared = 0.1453
Root MSE = 0.6099

(Std. err. adjusted for 23 clusters in CTY_cd)

| Robust

Q19_4_re	Coefficient	std. err.	t	P>|t|	[95% conf.	interval]
total_Lamount_1974_1978_perelect	.2222875	.2546448	0.87	0.392	-.3058135	.7503885
male	-.0930153	.0860208	-1.08	0.291	-.2714115	.0853808

```
                age |  -.0008675   .0021976    -0.39   0.697     -.005425      .00369
          education |  -.0358962   .0520754    -0.69   0.498     -.143894     .0721015
             income |  -.0107357   .0200156    -0.54   0.597    -.0522456     .0307741
              _cons |   2.256426   .3259116     6.92   0.000     1.580527     2.932325
------------------------------------------------------------------------------------------
(est5 stored)

Linear regression, absorbing indicators         Number of obs     =        360
Absorbed variable: CTY_cd                       No. of categories =         23
                                                F(5, 22)          =       2.42
                                                Prob > F          =     0.0684
                                                R-squared         =     0.2637
                                                Adj R-squared     =     0.2038
                                                Root MSE          =     0.6311

                                                (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------
                            |               Robust
                  Q20_4_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------------+--------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .2355337   .4490264     0.52   0.605    -.6956901
1.166758
                    male |  -.0996748   .0866108    -1.15   0.262    -.2792945     .079945
                     age |   .0030196   .0022645     1.33   0.196    -.0016766    .0077159
               education |   .1172144   .0494523     2.37   0.027     .0146566    .2197723
                  income |  -.0149387   .0160505    -0.93   0.362    -.0482254    .0183479
                   _cons |   1.675118   .4579725     3.66   0.001     .7253409    2.624894
------------------------------------------------------------------------------------------
(est6 stored)

Linear regression, absorbing indicators         Number of obs     =        360
Absorbed variable: CTY_cd                       No. of categories =         23
                                                F(5, 22)          =       0.21
                                                Prob > F          =     0.9545
                                                R-squared         =     0.1972
                                                Adj R-squared     =     0.1320
                                                Root MSE          =     0.6163

                                                (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------
                            |               Robust
                  Q19_5_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
---------------------------+--------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0165237   .3047524     0.05   0.957    -.6154941
.6485415
                    male |   .0036824   .0577075     0.06   0.950    -.1159956    .1233605
                     age |   .0011436   .0022951     0.50   0.623    -.0036162    .0059034
               education |   .0244561   .0431135     0.57   0.576    -.0649558    .1138679
```

```
                    income |  -.0189901   .0210327    -0.90   0.376    -.0626092     .024629
                     _cons |   2.302135   .3584866     6.42   0.000     1.558679    3.045591
------------------------------------------------------------------------------------------------
(est7 stored)

Linear regression, absorbing indicators          Number of obs     =       360
Absorbed variable: CTY_cd                        No. of categories =        23
                                                 F(5, 22)          =      3.23
                                                 Prob > F          =    0.0246
                                                 R-squared         =    0.2318
                                                 Adj R-squared     =    0.1694
                                                 Root MSE          =    0.6289

                                                 (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                  Q20_5_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0888263   .4530536     0.20   0.846    -.8507494
1.028402
                        male |  -.0896046   .0623628    -1.44   0.165    -.2189372     .039728
                         age |  -.0027351   .0027953    -0.98   0.338    -.0085323     .003062
                   education |    .041059   .0627412     0.65   0.520    -.0890582    .1711762
                      income |  -.0415574   .0160096    -2.60   0.016    -.0747592   -.0083555
                       _cons |   2.342553   .5279067     4.44   0.000     1.247742    3.437365
------------------------------------------------------------------------------------------------
(est8 stored)

Linear regression, absorbing indicators          Number of obs     =       360
Absorbed variable: CTY_cd                        No. of categories =        23
                                                 F(5, 22)          =      0.85
                                                 Prob > F          =    0.5292
                                                 R-squared         =    0.1417
                                                 Adj R-squared     =    0.0719
                                                 Root MSE          =    0.7145

                                                 (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                  Q19_6_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.0481081   .2922836    -0.16   0.871    -.6542672
.558051
                        male |  -.1170768   .0847851    -1.38   0.181    -.2929104    .0587568
                         age |  -.0040583   .0037615    -1.08   0.292    -.0118591    .0037426
                   education |   .0260233   .0469276     0.55   0.585    -.0712985    .1233451
                      income |  -.0190797   .0218963    -0.87   0.393    -.0644898    .0263304
                       _cons |   3.037205   .3973093     7.64   0.000     2.213236    3.861174
```

```
------------------------------------------------------------------------------------------------
(est9 stored)

Linear regression, absorbing indicators                Number of obs     =        360
Absorbed variable: CTY_cd                              No. of categories =         23
                                                       F(5, 22)          =       1.39
                                                       Prob > F          =     0.2672
                                                       R-squared         =     0.1881
                                                       Adj R-squared     =     0.1221
                                                       Root MSE          =     0.7100

                                                       (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                  Q20_6_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .1017096   .3810088     0.27   0.792    -.6884543
.8918736
                        male |  -.1247791   .0587691    -2.12   0.045    -.2466588   -.0028994
                         age |   .0004911    .003381     0.15   0.886    -.0065206    .0075028
                   education |   .0661045   .0617074     1.07   0.296    -.0618689    .1940779
                      income |  -.0297249   .0236375    -1.26   0.222    -.0787461    .0192962
                       _cons |   2.468922   .4815977     5.13   0.000     1.470149    3.467694
------------------------------------------------------------------------------------------------
(est10 stored)

Linear regression, absorbing indicators                Number of obs     =        360
Absorbed variable: CTY_cd                              No. of categories =         23
                                                       F(5, 22)          =       1.25
                                                       Prob > F          =     0.3216
                                                       R-squared         =     0.1322
                                                       Adj R-squared     =     0.0616
                                                       Root MSE          =     0.7205

                                                       (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                             |               Robust
                  Q19_7_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.2485075   .2325902    -1.07   0.297    -.7308701
.2338551
                        male |   .0267859   .0676045     0.40   0.696    -.1134173    .1669891
                         age |  -.0048496   .0035574    -1.36   0.187    -.0122272    .0025281
                   education |   .0164657   .0512308     0.32   0.751    -.0897805     .122712
                      income |  -.0316686    .021788    -1.45   0.160     -.076854    .0135169
                       _cons |   3.346271   .4289344     7.80   0.000     2.456715    4.235826
------------------------------------------------------------------------------------------------
(est11 stored)
```

```
Linear regression, absorbing indicators           Number of obs     =        360
Absorbed variable: CTY_cd                         No. of categories =         23
                                                  F(5, 22)          =       2.98
                                                  Prob > F          =     0.0334
                                                  R-squared         =     0.1792
                                                  Adj R-squared     =     0.1124
                                                  Root MSE          =     0.6134

                                                  (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                     Q20_7_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |  -.3762437   .3381988    -1.11   0.278    -1.077625
.3251378
                          male |   .0353482   .0829734     0.43   0.674    -.1367281    .2074245
                           age |  -.0044938    .003452    -1.30   0.206    -.0116528    .0026653
                     education |   .0505387   .0521557     0.97   0.343    -.0576256    .1587031
                        income |  -.0416332   .0153311    -2.72   0.013     -.073428   -.0098384
                         _cons |   3.169509   .4078561     7.77   0.000     2.323667    4.015351
------------------------------------------------------------------------------------------------
(est12 stored)

Linear regression, absorbing indicators           Number of obs     =        360
Absorbed variable: CTY_cd                         No. of categories =         23
                                                  F(5, 22)          =       2.97
                                                  Prob > F          =     0.0339
                                                  R-squared         =     0.2828
                                                  Adj R-squared     =     0.2245
                                                  Root MSE          =     0.6281

                                                  (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                               |               Robust
                     Q19_8_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
------------------------------+-----------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .0467698   .3586811     0.13   0.897    -.6970892
.7906289
                          male |   -.042668   .0593211    -0.72   0.480    -.1656924    .0803564
                           age |   .0060167     .00238     2.53   0.019     .0010809    .0109525
                     education |   .0129677   .0448812     0.29   0.775    -.0801103    .1060456
                        income |  -.0242805   .0233483    -1.04   0.310     -.072702    .0241409
                         _cons |   1.863767   .4537605     4.11   0.000     .9227252    2.804809
------------------------------------------------------------------------------------------------
(est13 stored)

Linear regression, absorbing indicators           Number of obs     =        360
```

```
Absorbed variable: CTY_cd                        No. of categories =      23
                                                 F(5, 22)          =    1.63
                                                 Prob > F          = 0.1941
                                                 R-squared         = 0.2925
                                                 Adj R-squared     = 0.2349
                                                 Root MSE          = 0.6583

                                                 (Std. err. adjusted for 23 clusters in CTY_cd)
------------------------------------------------------------------------------------------------
                                 |               Robust
                       Q20_8_re | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
--------------------------------+---------------------------------------------------------------
total_Lamount_1974_1978_perelect |   .2420383   .4371363     0.55   0.585    -.6645269
1.148604
                            male |  -.1374373   .0791871    -1.74   0.097    -.3016613    .0267866
                             age |   .0023712   .0030723     0.77   0.448    -.0040003    .0087427
                       education |   .0302972   .0608326     0.50   0.623     -.095862    .1564564
                          income |  -.0305021   .0211609    -1.44   0.164    -.0743872    .0133829
                           _cons |   1.872098   .5037781     3.72   0.001     .8273261     2.91687
------------------------------------------------------------------------------------------------
(est14 stored)

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. esttab,  b(%12.3fc) se ar2 nogap label star(+ 0.10 * 0.05 ** 0.01)

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> ------------------------------------------------------------------------------------
                          (1)           (2)           (3)           (4)           (5)           (6)           (7)
          (8)
>        (9)           (10)           (11)           (12)           (13)           (14)
                   RECODE of ~o   RECODE of ~c   RECODE of ~p   RECODE of ~e   RECODE of
~l   RECODE of ~o   RECODE of ~p   RECODE of ~e   RE
> CODE of ~o   RECODE of ~c   RECODE of ~o   RECODE of ~c   RECODE of ~p   RECODE of
~e
------------------------------------------------------------------------------------------------------------
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> ------------------------------------------------------------------------------------
NVM subsidy per vo~)        0.003         -0.073          0.370          0.308          0.222
0.236          0.017          0.089
>     -0.048          0.102         -0.249         -0.376          0.047          0.242
                       (0.208)        (0.283)        (0.338)        (0.304)        (0.255)        (0.449)
(0.305)        (0.453)
>    (0.292)        (0.381)        (0.233)        (0.338)        (0.359)        (0.437)
RECODE of SQ4 (sex)        -0.099         -0.164*        -0.011          0.074         -0.093
-0.100          0.004         -0.090
>     -0.117         -0.125*         0.027          0.035         -0.043         -0.137+
                       (0.068)        (0.076)        (0.056)        (0.097)        (0.086)        (0.087)
```

(0.058) (0.062)
> (0.085) (0.059) (0.068) (0.083) (0.059) (0.079)
age 0.006* 0.005 0.005 0.004 -0.001 0.003
0.001 -0.003
> -0.004 0.000 -0.005 -0.004 0.006* 0.002
(0.003) (0.004) (0.004) (0.004) (0.002) (0.002)
(0.002) (0.003)
> (0.004) (0.003) (0.004) (0.003) (0.002) (0.003)
RECODE of BQ2 (Edu~) 0.041 0.075 -0.075 -0.006 -0.036
0.117* 0.024 0.041
> 0.026 0.066 0.016 0.051 0.013 0.030
(0.054) (0.061) (0.055) (0.066) (0.052) (0.049)
(0.043) (0.063)
> (0.047) (0.062) (0.051) (0.052) (0.045) (0.061)
RECODE of BQ5 (Hou~) -0.021 -0.033 0.038 0.021 -0.011
-0.015 -0.019 -0.042*
> -0.019 -0.030 -0.032 -0.042* -0.024 -0.031
(0.023) (0.025) (0.028) (0.023) (0.020) (0.016)
(0.021) (0.016)
> (0.022) (0.024) (0.022) (0.015) (0.023) (0.021)
Constant 2.236** 2.174** 1.813** 2.076** 2.256**
1.675** 2.302** 2.343**
> 3.037** 2.469** 3.346** 3.170** 1.864** 1.872**
(0.375) (0.442) (0.396) (0.365) (0.326) (0.458)
(0.358) (0.528)
> (0.397) (0.482) (0.429) (0.408) (0.454) (0.504)

> ---
Observations 360 360 360 360 360 360
360 360
> 360 360 360 360 360 360
Adjusted R-squared 0.185 0.121 0.192 0.248 0.145
0.204 0.132 0.169
> 0.072 0.122 0.062 0.112 0.224 0.235

> ---
Standard errors in parentheses
+ p<0.10, * p<0.05, ** p<0.01

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. log close
name: <unnamed>
log: c:₩Users₩skpar₩Dropbox₩smu_voting₩smu_voting₩0_correction₩5_result_log.log
log type: text
closed on: 22 Apr 2025, 10:23:03