agency wvs

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Rutgers - Camden

Saturday 21st February, 2026   16:04

Contents

1   feb21 [post-meet] some more results

1.0.1   erick michael: race by country paper idea

. *//see if any patterns by race, yes!
*//see if any patterns by race, yes!

.

. *//whites only like .2 more than blacks
*//whites only like .2 more than blacks

. tabstat free if cc=="USA",stat(mean n) by(ethGr)
tabstat free if cc=="USA",stat(mean n) by(ethGr)

Summary for variables: free
Group variable: ethGrp (Ethnic group)

```
        ethGrp —      Mean         N
----------------+-------------------
US: White, non-H —  7.714432     7830
US: Black, Non-H —   7.52698     1427
US: Other, Non-H —  7.446215      251
```

---

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```
        US: Hispanic —    7.621044    1264
US: Two plus, no —    7.440678     177
US: South Asian —    7.583333      12
US: East Asian ( —       7.875      32
US: Arabic (Cent —    8.333333       3
----------------+--------------------
          Total —    7.669334   10996
--------------------------------------
```

.

. *//asian lower by .5
*//asian lower by .5

. tabstat free if cc=="AUS",stat(mean n) by(ethGr)
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Summary for variables: free
Group variable: ethGrp (Ethnic group)

```
       ethGrp —      Mean        N
----------------+--------------------
AU: Australian ( —   7.748462    5526
   AU: European —   7.499102     557
AU: South Asian —   6.984615     130
AU: East Asian ( —      6.965     200
AU: Arabic, Cent —   7.134328      67
AU: Southeast As —   8.128205      39
AU: Aboriginal o —   7.741935      31
      AU: White —    7.13613    1168
      AU: Other —   7.142857      63
----------------+--------------------
          Total —   7.597481    7781
--------------------------------------
```

.

. *//south eur lower by .4
*//south eur lower by .4

. tabstat free if cc=="DEU",stat(mean n) by(ethGr)
tabstat free if cc=="DEU",stat(mean n) by(ethGr)

Summary for variables: free
Group variable: ethGrp (Ethnic group)

```
       ethGrp —      Mean        N
----------------+--------------------
     DE: German —   6.929933    1941
DE: Southern Eur —   7.666667       3
     DE: Turkish —   7.714286       7
 DE: Yugoslavian —        6.5       2
DE: Caucasian Wh —   7.073241    1734
     DE: African —       5.75       8
     DE: Asiatic —       5.95      20
       DE: Other —   6.809524      21
----------------+--------------------
          Total —   6.989829    3736
--------------------------------------
```

.

. *//sou afr here big .9

*//sou afr here big .9

. tabstat free if c==710,stat(mean n) by(ethGr)
tabstat free if c==710,stat(mean n) by(ethGr)

Summary for variables: free
Group variable: ethGrp (Ethnic group)

ethGrp —	Mean	N
ZA: Black —	6.721295	9171
ZA: White —	7.59911	4268
ZA: Coloured —	7.385073	1514
ZA: Indian —	7.338912	717
ZA: South Asian —	7.446237	372
ZA: East Asian —	6.986702	376
ZA: Other —	9	1
Total —	7.060296	16419

. *//see if any patterns by race, yes!
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AU: East Asian (—	6.965	200
AU: Arabic, Cent —	7.134328	67
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AU: Aboriginal o —	7.741935	31
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Summary for variables: free
Group variable: ethGrp (Ethnic group)

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DE: Caucasian Wh — 7.073241      1734
   DE: African —      5.75        8
   DE: Asiatic —      5.95       20
    DE: Other —   6.809524       21
----------------+--------------------
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tabstat  free if c==710,stat(mean n) by(ethGr)

Summary for variables: free
Group variable: ethGrp (Ethnic group)

       ethGrp —      Mean          N
----------------+--------------------
    ZA: Black —   6.721295       9171
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 ZA: Coloured —   7.385073       1514
   ZA: Indian —   7.338912        717
ZA: South Asian — 7.446237        372
ZA: East Asian —  6.986702        376
    ZA: Other —         9          1
----------------+--------------------
        Total —   7.060296      16419
------------------------------------
```

2   feb19 [meet] playing with wvs

2.1   vars

first looking at what we have here that can use

obviously we use

A173 How much freedom of choice and control

Some people feel they have completely free choice and control over their lives, while other people feel that what they do has no real effect on what happens to them. Please use this scale where 1 means "none at all" and 10 means "a great deal" to indicate how much freedom of choice and control you feel you have over the way your life turns out.

Tabulation: Freq.	Numeric	Label
15,177	1	None at all
9,141	2	
16,011	3	
20,756	4	
56,829	5	
48,677	6	
64,361	7	
77,430	8	
44,136	9	
77,016	10	A great deal
21,335	.	

But maybe also?: **leonie: no**

Autonomy-4 item Index=(a029 +A039)-(a040 + a042) Only questions with answers to the 4 items are considered. -2 Obedi-

ence/Religious Faith to 2 Determination, perseverance/Independence

Important child qualities: [0 Not mentioned; 1 Important]

A029 independence

A039 determination, perseverance

A040 religious faith

A042 obedience

131,200	0	
115,286	1	
49,393	2	Determination, perseverance/Independence

vars from leonie's slide: DONE add others from there `https://docs.google.com/presentation/d/1YpGP1VmirIAtTRtKqrpcIOef7xS` `edit?slide=id.p6#slide=id.p6`

−"scriptsize"spacing−.9""

gov˙res | | government more responsibility
42,106	1	1.people
20,335	2	
33,474	3	
32,308	4	
34,692	5	
58,427	6	
33,254	7	
38,927	8	
33,937	9	
91,298	10	10.government
32,111	.	

comBad | | Competition good or harmful
110,388	1	Competition is good
44,382	2	
51,413	3	
41,108	4	
57,666	5	
23,598	6	
17,349	7	
15,122	8	
8,568	9	
18,572	10	Competition is harmful

and for preferences for redistribution maybe

C038 People who don't work turn lazy [1 disagree - 5 agree]

Variable —	Obs	Mean	Std. dev.	Min	Max
poo˙laz —	62,905	.298768	.4577215	0	1
esc˙pov —	65,755	.3996198	.4898239	0	1
sub˙poo —	249,129	6.423403	2.988314	0	10

2.2 first results yay

	a1	a1cc	a1satFin	a2	a3
freedom	-0.13***	-0.11***	-0.07***	-0.10***	-0.10***
financial satisfaction			-0.16***		-0.17***
age				0.00	-0.00
age2				-0.00	0.00
male				-0.12***	-0.12***
class				-0.10***	-0.07***
married or living together as married				-0.05*	-0.01
freedom × financial satisfaction					0.01**
constant	6.90***	7.33***	7.47***	7.63***	8.20***
N	92557	92557	92244	85727	85517
+ 0.10 * 0.05 ** 0.01 *** 0.001; robust std err					

Table 1: OLS regressions of gov more responsibility (v ppl take care of themselves).

a1: ok more autonomy by 1 on 1-10, want less redistr by .13 on 1-10 scale

a1cc: adding country dummies doesnt change anything

a1satFin: reduced by almost half!, note satFin correlates with agency at .33

a2: basic sociodemographics, and effect size still large at .1

then interactions: [**TODO** marginsplot whats net, non-interacted terms large coeffs]

a3: freedom * financial satisfaction–interesting while satFin alone less redistribution; interacted with autonomy, the more preRed

a4: with income also positive [rich assholes more for redistribution?]

a5: nothing with male [aggresive males more for redistribution?]

	b1	b2	b3
None at all	0.00	0.00	0.00
2	-0.04	0.00	-0.04
3	-0.17+	-0.10	-0.11
4	-0.55***	-0.43***	-0.41***
5	-0.76***	-0.60***	-0.53***
6	-1.00***	-0.81***	-0.69***
7	-1.12***	-0.89***	-0.73***
8	-1.24***	-0.98***	-0.76***
9	-1.37***	-1.08***	-0.83***
A great deal	-1.17***	-0.96***	-0.70***
age		0.00	-0.00
age2		-0.00	0.00
male		-0.12***	-0.12***
class		-0.09***	-0.06***
married or living together as married		-0.05*	-0.01
financial satisfaction			-0.12***
constant	7.02***	7.67***	8.10***
N	92557	85727	85517
+ 0.10 * 0.05 ** 0.01 *** 0.001; robust std err			

Table 2: OLS regressions of gov more responsibility (v ppl take care of themselves).

one contribution to dummy out like in my papers :)

easy to see big effects by 1 on over 5 or 6 on free–over 5 smaller changes, also first three almost no change, and then jump at 4 and then some on 5 snd 6–shows nonlinearity; and i guess also confirms leonie's point of "double barreled" ie can split in half autonomy var, and here this shows that it splits about in half at 5 or 6

b2: still around 1

b3: lower, but .7 is sizeable

2.2.1 by country

i'm a geographer so lets do by country

interesting thing i found in my freedom from and freedom to paper 10 years ago is that more freedom/autonmy in MEX than USA,

but can also do effects by countries

another contribution by c, like my cities paper: `https://www.sciencedirect.com/science/article/pii/S0264275121002687?via%3Dihub`

here a quick exercise, just separately by capitalistic/alienated/western c about .15-3 v humanistic/social/latin c about 0-.1—clear differences 4 fold! say .5 v 2; and they hold controlling for basic sociodemographics

some surprises: in BRA positive!; DEU close to 0, but not in AUS; european ARG close to capitalistic/west; and LBN and CZE big for some reason like .3

```
.

. *//capitalistic
*//capitalistic

. reg govRes free if cc=="USA", robust
reg govRes free if cc=="USA", robust

Linear regression                       Number of obs   =      2,566
                                        F(1, 2564)      =      68.13
                                        Prob ¿ F        =     0.0000
                                        R-squared       =     0.0283
                                        Root MSE        =     2.9294

------------------------------------------------------------------------------
             —          Robust
   govRes — Coefficient  std. err.      t    P¿—t—     [95% conf. interval]
-------------+----------------------------------------------------------------
      free —  -.2542726   .0308052   -8.25   0.000    -.3146783    -.193867
     ˙cons —    7.3911    .2417892   30.57   0.000     6.916978    7.865222
------------------------------------------------------------------------------

. reg govRes free if cc=="SGP", robust
reg govRes free if cc=="SGP", robust

Linear regression                       Number of obs   =      1,998
                                        F(1, 1996)      =      56.22
                                        Prob ¿ F        =     0.0000
                                        R-squared       =     0.0341
                                        Root MSE        =     2.3275

------------------------------------------------------------------------------
             —          Robust
   govRes — Coefficient  std. err.      t    P¿—t—     [95% conf. interval]
-------------+----------------------------------------------------------------
      free —  -.2268925   .0302607   -7.50   0.000    -.2862384   -.1675467
     ˙cons —   7.560577   .2101485   35.98   0.000     7.148444    7.97271
------------------------------------------------------------------------------

. reg govRes free if cc=="HKG", robust
reg govRes free if cc=="HKG", robust

Linear regression                       Number of obs   =      2,063
                                        F(1, 2061)      =      58.47
                                        Prob ¿ F        =     0.0000
                                        R-squared       =     0.0366
                                        Root MSE        =     2.2518

------------------------------------------------------------------------------
             —          Robust
   govRes — Coefficient  std. err.      t    P¿—t—     [95% conf. interval]
-------------+----------------------------------------------------------------
      free —  -.2343101   .0306435   -7.65   0.000    -.2944057   -.1742146
     ˙cons —   6.938992   .2065198   33.60   0.000     6.533983    7.344001
------------------------------------------------------------------------------

. reg govRes free if cc=="NLD", robust
reg govRes free if cc=="NLD", robust

Linear regression                       Number of obs   =      1,908
                                        F(1, 1906)      =      16.31
                                        Prob ¿ F        =     0.0001
                                        R-squared       =     0.0109
                                        Root MSE        =      2.248

------------------------------------------------------------------------------
             —          Robust
   govRes — Coefficient  std. err.      t    P¿—t—     [95% conf. interval]
-------------+----------------------------------------------------------------
      free —   -.154012   .0381368   -4.04   0.000    -.2288064   -.0792177
     ˙cons —    7.13256   .2745572   25.98   0.000     6.594096    7.671024
------------------------------------------------------------------------------
```

. reg govRes free if cc=="DEU", robust
reg govRes free if cc=="DEU", robust

Linear regression   Number of obs   =   1,500
                                           F(1, 1498)   =   4.99
                                           Prob ¿ F   =   0.0257
                                           R-squared   =   0.0038
                                           Root MSE   =   2.5071

             —   Robust
      govRes — Coefficient std. err.   t   P¿—t—   [95% conf. interval]
-------------+--
        free — -.0853276   .0382106   -2.23   0.026   -.1602795   -.0103757
       `cons —   6.721337   .2770844   24.26   0.000   6.177822   7.264852

. reg govRes free if cc=="AUS", robust
reg govRes free if cc=="AUS", robust

Linear regression   Number of obs   =   1,778
                                           F(1, 1776)   =   68.43
                                           Prob ¿ F   =   0.0000
                                           R-squared   =   0.0425
                                           Root MSE   =   2.7136

             —   Robust
      govRes — Coefficient std. err.   t   P¿—t—   [95% conf. interval]
-------------+--
        free — -.2956679   .0357426   -8.27   0.000   -.3657699   -.2255659
       `cons —   7.931705   .2795501   28.37   0.000   7.383423   8.479987

. reg govRes free if cc=="GBR", robust
reg govRes free if cc=="GBR", robust

Linear regression   Number of obs   =   2,543
                                           F(1, 2541)   =   47.01
                                           Prob ¿ F   =   0.0000
                                           R-squared   =   0.0212
                                           Root MSE   =   2.5852

             —   Robust
      govRes — Coefficient std. err.   t   P¿—t—   [95% conf. interval]
-------------+--
        free — -.1956866   .028541   -6.86   0.000   -.2516525   -.1397206
       `cons —   7.58248   .2130995   35.58   0.000   7.164613   8.000346

. reg govRes free if cc=="CAN", robust
reg govRes free if cc=="CAN", robust

Linear regression   Number of obs   =   4,018
                                           F(1, 4016)   =   62.71
                                           Prob ¿ F   =   0.0000
                                           R-squared   =   0.0181
                                           Root MSE   =   2.4983

             —   Robust
      govRes — Coefficient std. err.   t   P¿—t—   [95% conf. interval]
-------------+--
        free — -.1967397   .0248435   -7.92   0.000   -.2454468   -.1480327
       `cons —   6.933817   .1873025   37.02   0.000   6.5666   7.301033

.

. *//humanistic
*//humanistic

. reg govRes free if cc=="BRA", robust
reg govRes free if cc=="BRA", robust

Linear regression   Number of obs   =   1,685
                                           F(1, 1683)   =   3.94
                                           Prob ¿ F   =   0.0474
                                           R-squared   =   0.0026
                                           Root MSE   =   3.1254

             —   Robust
      govRes — Coefficient std. err.   t   P¿—t—   [95% conf. interval]
-------------+--
        free —   .0627981   .0316557   1.98   0.047   .0007093   .1248868
       `cons —   6.970929   .2478231   28.13   0.000   6.484855   7.457003

. reg govRes free if cc=="MEX", robust
reg govRes free if cc=="MEX", robust

Linear regression   Number of obs   =   1,728
                                           F(1, 1726)   =   0.00

```
                                    Prob ¿ F        =      0.9867
                                    R-squared       =      0.0000
                                    Root MSE        =      3.1252

-------------------------------------------------------------------------
             —            Robust
    govRes — Coefficient  std. err.     t    P¿—t—     [95% conf. interval]
-------------+-----------------------------------------------------------
       free — -.0006039   .0362803   -0.02   0.987    -.0717619    .070554
      ˙cons —  5.903084   .2954843   19.98   0.000     5.323539   6.482629
-------------------------------------------------------------------------

. reg govRes free if cc=="ECU", robust
reg govRes free if cc=="ECU", robust

Linear regression                    Number of obs   =      1,185
                                     F(1, 1183)      =       1.90
                                     Prob ¿ F        =      0.1687
                                     R-squared       =      0.0017
                                     Root MSE        =      3.3441

-------------------------------------------------------------------------
             —            Robust
    govRes — Coefficient  std. err.     t    P¿—t—     [95% conf. interval]
-------------+-----------------------------------------------------------
       free —  -.058957   .0428068   -1.38   0.169    -.1429427   .0250287
      ˙cons —  6.450054   .3298834   19.55   0.000     5.802832   7.097276
-------------------------------------------------------------------------

. reg govRes free if cc=="COL", robust
reg govRes free if cc=="COL", robust

Linear regression                    Number of obs   =      1,520
                                     F(1, 1518)      =       6.13
                                     Prob ¿ F        =      0.0134
                                     R-squared       =      0.0042
                                     Root MSE        =      3.2466

-------------------------------------------------------------------------
             —            Robust
    govRes — Coefficient  std. err.     t    P¿—t—     [95% conf. interval]
-------------+-----------------------------------------------------------
       free — -.0908585   .0366901   -2.48   0.013    -.1628272  -.0188898
      ˙cons —  6.162867   .3036165   20.30   0.000     5.567315   6.758419
-------------------------------------------------------------------------

. reg govRes free if cc=="BOL", robust
reg govRes free if cc=="BOL", robust

Linear regression                    Number of obs   =      1,997
                                     F(1, 1995)      =       7.15
                                     Prob ¿ F        =      0.0076
                                     R-squared       =      0.0041
                                     Root MSE        =      3.0403

-------------------------------------------------------------------------
             —            Robust
    govRes — Coefficient  std. err.     t    P¿—t—     [95% conf. interval]
-------------+-----------------------------------------------------------
       free — -.0963881   .0360458   -2.67   0.008    -.1670795  -.0256967
      ˙cons —  5.969534    .274093   21.78   0.000     5.431995   6.507072
-------------------------------------------------------------------------

. reg govRes free if cc=="ARG", robust
reg govRes free if cc=="ARG", robust

Linear regression                    Number of obs   =        959
                                     F(1, 957)       =       9.54
                                     Prob ¿ F        =      0.0021
                                     R-squared       =      0.0106
                                     Root MSE        =      2.6797

-------------------------------------------------------------------------
             —            Robust
    govRes — Coefficient  std. err.     t    P¿—t—     [95% conf. interval]
-------------+-----------------------------------------------------------
       free — -.1456756    .047152   -3.09   0.002    -.2382089  -.0531423
      ˙cons —  7.104633   .3697035   19.22   0.000     6.379109   7.830156
-------------------------------------------------------------------------

.

. *//extremes for some reason
*//extremes for some reason

. reg govRes free if cc=="LBN", robust
reg govRes free if cc=="LBN", robust

Linear regression                    Number of obs   =      1,200
                                     F(1, 1198)      =     150.84
                                     Prob ¿ F        =      0.0000
                                     R-squared       =      0.1192
                                     Root MSE        =      2.0301

-------------------------------------------------------------------------
             —            Robust
```

```
   govRes — Coefficient  std. err.      t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
       free —   -.3216726   .0261909   -12.28   0.000    -.3730577   -.2702874
      ˙cons —    8.120036   .1539519    52.74   0.000     7.817991    8.422081
------------------------------------------------------------------------------


. reg govRes free if cc=="CZE", robust
reg govRes free if cc=="CZE", robust

Linear regression                               Number of obs   =      1,190
                                                F(1, 1188)      =      63.40
                                                Prob ¿ F        =     0.0000
                                                R-squared       =     0.0630
                                                Root MSE        =     2.3647


------------------------------------------------------------------------------
             —             Robust
   govRes — Coefficient  std. err.      t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
       free —   -.3089838   .0388068    -7.96   0.000    -.3851213   -.2328464
      ˙cons —    7.842652    .278088    28.20   0.000     7.297054    8.388251
------------------------------------------------------------------------------


.

.


.

. *//capitalistic
*//capitalistic

. reg govRes free inc age age2 male class mar if cc=="USA", robust
reg govRes free inc age age2 male class mar if cc=="USA", robust

Linear regression                               Number of obs   =      2,516
                                                F(7, 2508)      =      27.10
                                                Prob ¿ F        =     0.0000
                                                R-squared       =     0.0676
                                                Root MSE        =     2.8688


------------------------------------------------------------------------------
             —             Robust
   govRes — Coefficient  std. err.      t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
       free —   -.2040373   .0313163    -6.52   0.000    -.2654457   -.1426288
        inc —   -.1741054    .041782    -4.17   0.000    -.2560363   -.0921746
        age —    -.051321   .0217413    -2.36   0.018    -.0939538   -.0086883
       age2 —    .0002959   .0002293     1.29   0.197    -.0001537    .0007455
       male —   -.3424398   .1195737    -2.86   0.004    -.5769132   -.1079664
      class —    .0584266   .0808556     0.72   0.470    -.1001241    .2169772
        mar —   -.1880669   .1223548    -1.54   0.124    -.4279937    .0518598
      ˙cons —    9.604566   .5279627    18.19   0.000     8.569279    10.63985
------------------------------------------------------------------------------

. reg govRes free inc age age2 male class mar if cc=="SGP", robust
reg govRes free inc age age2 male class mar if cc=="SGP", robust

Linear regression                               Number of obs   =      1,920
                                                F(7, 1912)      =      13.16
                                                Prob ¿ F        =     0.0000
                                                R-squared       =     0.0500
                                                Root MSE        =     2.3068


------------------------------------------------------------------------------
             —             Robust
   govRes — Coefficient  std. err.      t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
       free —   -.1903173   .0321719    -5.92   0.000    -.2534131   -.1272216
        inc —   -.1224083   .0415441    -2.95   0.003    -.2038848   -.0409318
        age —   -.0206194   .0217417    -0.95   0.343    -.0632594    .0220205
       age2 —    .0001902    .000219     0.87   0.385    -.0002394    .0006198
       male —   -.1395418   .1059256    -1.32   0.188    -.3472837      .0682
      class —   -.1500439   .0711905    -2.11   0.035    -.2896631   -.0104247
        mar —    -.019552    .124723    -0.16   0.875    -.2641593    .2250554
      ˙cons —    8.901766   .5376045    16.56   0.000     7.847413    9.956119
------------------------------------------------------------------------------

. reg govRes free inc age age2 male class mar if cc=="HKG", robust
reg govRes free inc age age2 male class mar if cc=="HKG", robust

Linear regression                               Number of obs   =      2,034
                                                F(7, 2026)      =      13.07
                                                Prob ¿ F        =     0.0000
                                                R-squared       =     0.0508
                                                Root MSE        =     2.2403


------------------------------------------------------------------------------
             —             Robust
   govRes — Coefficient  std. err.      t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
       free —   -.1856798   .0326383    -5.69   0.000     -.249688   -.1216716
        inc —   -.1372768   .0388718    -3.53   0.000    -.2135097   -.0610438
        age —    .0103655   .0188904     0.55   0.583     -.026681    .0474121
       age2 —   -.0002221   .0001954    -1.14   0.256    -.0006053    .0001611
       male —    .0284369   .1005907     0.28   0.777    -.1688351    .2257088
```

```
    class —  -.0429861   .0728582   -0.59   0.555   -.1858708    .0998987
      mar —  -.0432499   .1126384   -0.38   0.701   -.2641491    .1776492
    ˙cons —   7.484184   .4520134   16.56   0.000    6.597724    8.370643
-------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="NLD", robust
reg govRes free inc age age2 male class mar if cc=="NLD", robust

```
Linear regression                      Number of obs   =     1,401
                                       F(7, 1393)      =      3.15
                                       Prob ¿ F        =    0.0027
                                       R-squared       =    0.0186
                                       Root MSE        =    2.2211
```

```
-------------------------------------------------------------------------
            —              Robust
    govRes — Coefficient  std. err.    t    P¿—t—   [95% conf. interval]
------------+------------------------------------------------------------
     free —  -.1380025   .0467043   -2.95   0.003   -.2296208   -.0463841
      inc —  -.0664881   .0312308   -2.13   0.033   -.1277527   -.0052236
      age —  -.0026583   .0249966   -0.11   0.915   -.0516933    .0463767
     age2 —  -9.21e-06     .000237   -0.04   0.969   -.0004742    .0004558
     male —  -.0181638   .1200332   -0.15   0.880   -.2536291    .2173015
    class —   .0266107   .0757037    0.35   0.725   -.1218949    .1751164
      mar —  -.0848189   .1556009   -0.55   0.586   -.3900562    .2204184
    ˙cons —   7.572087   .7358962   10.29   0.000    6.128502    9.015671
-------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="DEU", robust
reg govRes free inc age age2 male class mar if cc=="DEU", robust

```
Linear regression                      Number of obs   =     1,421
                                       F(7, 1413)      =      5.14
                                       Prob ¿ F        =    0.0000
                                       R-squared       =    0.0249
                                       Root MSE        =    2.4928
```

```
-------------------------------------------------------------------------
            —              Robust
    govRes — Coefficient  std. err.    t    P¿—t—   [95% conf. interval]
------------+------------------------------------------------------------
     free —  -.0755424   .0405664   -1.86   0.063   -.1551192    .0040345
      inc —  -.0836573   .0536782   -1.56   0.119   -.1889549    .0216402
      age —  -.0143901    .021511   -0.67   0.504   -.0565871    .0278068
     age2 —  -8.71e-06   .0002061   -0.04   0.966   -.0004131    .0003957
     male —  -.2043677     .13303   -1.54   0.125   -.4653253    .0565898
    class —  -.1259828   .1115024   -1.13   0.259   -.3447108    .0927452
      mar —   .0648739   .1514448    0.43   0.668    -.232207    .3619547
    ˙cons —   8.305444   .6356033   13.07   0.000    7.058616    9.552272
-------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="AUS", robust
reg govRes free inc age age2 male class mar if cc=="AUS", robust

```
Linear regression                      Number of obs   =     1,689
                                       F(7, 1681)      =     16.50
                                       Prob ¿ F        =    0.0000
                                       R-squared       =    0.0698
                                       Root MSE        =     2.668
```

```
-------------------------------------------------------------------------
            —              Robust
    govRes — Coefficient  std. err.    t    P¿—t—   [95% conf. interval]
------------+------------------------------------------------------------
     free —  -.2590754    .038191   -6.78   0.000   -.3339824   -.1841685
      inc —  -.1576128   .0422039   -3.73   0.000   -.2403905   -.0748352
      age —   .0161635   .0231419    0.70   0.485   -.0292264    .0615534
     age2 —  -.0003619      .00022   -1.64   0.100   -.0007934    .0000696
     male —  -.1109485   .1381286   -0.80   0.422   -.3818706    .1599736
    class —   .1252026   .0921365    1.36   0.174   -.0555117    .3059169
      mar —  -.1825971   .1417591   -1.29   0.198    -.46064     .0954458
    ˙cons —   8.533525   .6526546   13.08   0.000    7.253424    9.813626
-------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="GBR", robust
reg govRes free inc age age2 male class mar if cc=="GBR", robust
no observations
r(2000);

. reg govRes free inc age age2 male class mar if cc=="CAN", robust
reg govRes free inc age age2 male class mar if cc=="CAN", robust

```
Linear regression                      Number of obs   =     4,018
                                       F(7, 4010)      =     51.28
                                       Prob ¿ F        =    0.0000
                                       R-squared       =    0.0838
                                       Root MSE        =    2.4151
```

```
-------------------------------------------------------------------------
            —              Robust
    govRes — Coefficient  std. err.    t    P¿—t—   [95% conf. interval]
------------+------------------------------------------------------------
     free —  -.0762366   .0259031   -2.94   0.003   -.1270211   -.0254521
      inc —  -.2648365   .0308069   -8.60   0.000   -.3252352   -.2044379
      age —  -.0568324   .0134606   -4.22   0.000   -.0832226   -.0304422
     age2 —     .000479   .0001391    3.44   0.001    .0002063    .0007518
```

```
      male —  -.3132311   .0786923   -3.98   0.000   -.4675117   -.1589504
     class —  -.0434554   .0579515   -0.75   0.453   -.1570724    .0701617
       mar —  -.2696483   .0849612   -3.17   0.002   -.4362195   -.1030771
     `cons —   9.446925   .3493148   27.04   0.000    8.762074    10.13178
------------------------------------------------------------------------------
```

.

. *//humanistic
*//humanistic

. reg govRes free inc age age2 male class mar if cc=="BRA", robust
reg govRes free inc age age2 male class mar if cc=="BRA", robust

```
Linear regression                      Number of obs    =     1,552
                                       F(7, 1544)       =      3.01
                                       Prob ¿ F         =    0.0038
                                       R-squared        =    0.0132
                                       Root MSE         =     3.099

------------------------------------------------------------------------------
            —           Robust
    govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
      free —   .0674188   .0327685    2.06   0.040    .0031433    .1316942
       inc —  -.0689309   .041833    -1.65   0.100   -.1509865    .0131246
       age —  -.0111129   .024114    -0.46   0.645   -.0584126    .0361867
      age2 —   .0002314   .000253     0.91   0.361   -.0002649    .0007276
      male —  -.1160045   .1586392   -0.73   0.465   -.4271755    .1951665
     class —   .0219324   .0992231    0.22   0.825   -.1726939    .2165587
       mar —  -.3502355   .1637882   -2.14   0.033   -.6715064   -.0289646
     `cons —   7.421544   .6029358   12.31   0.000    6.238884    8.604203
------------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="MEX", robust
reg govRes free inc age age2 male class mar if cc=="MEX", robust

```
Linear regression                      Number of obs    =     1,693
                                       F(7, 1685)       =      5.09
                                       Prob ¿ F         =    0.0000
                                       R-squared        =    0.0205
                                       Root MSE         =    3.0939

------------------------------------------------------------------------------
            —           Robust
    govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
      free —   .0047016   .0365058    0.13   0.898   -.0668999    .076303
       inc —  -.1866501   .0336703   -5.54   0.000   -.2526901   -.12061
       age —   .0006228   .0255937    0.02   0.981   -.049576     .0508215
      age2 —  -.0000299   .0002691   -0.11   0.912   -.0005576    .0004979
      male —  -.0882046   .1517731   -0.58   0.561   -.3858883    .209479
     class —   .0087923   .0822139    0.11   0.915   -.1524597    .1700444
       mar —   .0190545   .1703464    0.11   0.911   -.3150583    .3531673
     `cons —   6.696883   .6374379   10.51   0.000    5.44663     7.947137
------------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="ECU", robust
reg govRes free inc age age2 male class mar if cc=="ECU", robust

```
Linear regression                      Number of obs    =     1,155
                                       F(7, 1147)       =      5.33
                                       Prob ¿ F         =    0.0000
                                       R-squared        =    0.0307
                                       Root MSE         =     3.305

------------------------------------------------------------------------------
            —           Robust
    govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
      free —  -.0396644   .0435486   -0.91   0.363   -.1251082    .0457794
       inc —  -.1157002   .05269     -2.20   0.028   -.2190799   -.0123206
       age —  -.0446462   .0354521   -1.26   0.208   -.1142045    .0249121
      age2 —   .0005151   .0003987    1.29   0.197   -.0002671    .0012974
      male —  -.6681056   .195656    -3.41   0.001   -1.051989   -.2842219
     class —  -.2425253   .1084289   -2.24   0.025   -.4552666   -.029784
       mar —   .3689208   .2075247    1.78   0.076   -.0382498    .7760914
     `cons —   8.462608   .8551411    9.90   0.000    6.784792    10.14042
------------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="COL", robust
reg govRes free inc age age2 male class mar if cc=="COL", robust

```
Linear regression                      Number of obs    =     1,520
                                       F(7, 1512)       =      1.96
                                       Prob ¿ F         =    0.0567
                                       R-squared        =    0.0096
                                       Root MSE         =    3.2442

------------------------------------------------------------------------------
            —           Robust
    govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
      free —  -.0828422   .0368886   -2.25   0.025   -.1552003   -.010484
       inc —  -.0664997   .038706    -1.72   0.086   -.1424229    .0094235
       age —   .0131748   .0309386    0.43   0.670   -.0475124    .073862
```

```
    age2 —  -.0001636    .0003503    -0.47   0.641    -.0008508    .0005236
    male —   .250691     .1669152     1.50   0.133    -.0767188    .5781008
   class —  -.0463064    .0957703    -0.48   0.629    -.2341631    .1415503
     mar —   .0589986    .1769845     0.33   0.739    -.2881626    .4061597
   ˙cons —   6.125779    .7033928     8.71   0.000     4.746049    7.505508
------------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="BOL", robust
reg govRes free inc age age2 male class mar if cc=="BOL", robust

```
Linear regression                        Number of obs   =      1,890
                                         F(7, 1882)      =       3.65
                                         Prob ¿ F        =     0.0006
                                         R-squared       =     0.0138
                                         Root MSE        =     3.0156

------------------------------------------------------------------------------
        —               Robust
  govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
    free —  -.0631073    .0379002    -1.67   0.096    -.1374382    .0112236
     inc —  -.0728608    .0404831    -1.80   0.072    -.1522574    .0065357
     age —  -.0307038    .0254147    -1.21   0.227    -.0805477    .0191401
    age2 —   .0004764    .0002821     1.69   0.091    -.0000769    .0010297
    male —   .0759832    .1392963     0.55   0.585    -.1972082    .3491746
   class —  -.0148627    .0835996    -0.18   0.859    -.1788203    .1490948
     mar —   .3088924    .1535647     2.01   0.044     .0077173    .6100674
   ˙cons —   6.30482     .6223843    10.13   0.000     5.084184    7.525455
------------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="ARG", robust
reg govRes free inc age age2 male class mar if cc=="ARG", robust

```
Linear regression                        Number of obs   =        912
                                         F(7, 904)       =       5.29
                                         Prob ¿ F        =     0.0000
                                         R-squared       =     0.0368
                                         Root MSE        =     2.6725

------------------------------------------------------------------------------
        —               Robust
  govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
    free —  -.1345745    .0479269    -2.81   0.005    -.2286354   -.0405135
     inc —  -.1593301    .0712262    -2.24   0.026    -.2991179   -.0195422
     age —   .009412     .0298721     0.32   0.753    -.0492148    .0680388
    age2 —  -.0001387    .0003168    -0.44   0.662    -.0007605    .0004831
    male —  -.072956     .1771406    -0.41   0.681    -.4206106    .2746986
   class —  -.2206999    .1336407    -1.65   0.099    -.4829819    .0415822
     mar —   .3016437    .1913202     1.58   0.115    -.0738398    .6771271
   ˙cons —   8.216967    .751552     10.93   0.000     6.741977    9.691956
------------------------------------------------------------------------------
```

. *//extremes for some reason
*//extremes for some reason

. reg govRes free inc age age2 male class mar if cc=="LBN", robust
reg govRes free inc age age2 male class mar if cc=="LBN", robust

```
Linear regression                        Number of obs   =      1,200
                                         F(7, 1192)      =      23.67
                                         Prob ¿ F        =     0.0000
                                         R-squared       =     0.1262
                                         Root MSE        =     2.0271

------------------------------------------------------------------------------
        —               Robust
  govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
    free —  -.3484447    .0324959   -10.72   0.000    -.4122003   -.2846891
     inc —   .0407626    .048725     0.84   0.403    -.0548337    .1363589
     age —   .0113366    .0227777     0.50   0.619    -.0333522    .0560254
    age2 —  -.0001665    .0002332    -0.71   0.475    -.000624     .0002909
    male —   .1368608    .1177406     1.16   0.245    -.0941411    .3678628
   class —   .1259293    .0769062     1.64   0.102    -.0249574    .2768159
     mar —   .1179892    .1350856     0.87   0.383    -.1470428    .3830213
   ˙cons —   7.38884     .5682105    13.00   0.000     6.274036    8.503644
------------------------------------------------------------------------------
```

. reg govRes free inc age age2 male class mar if cc=="CZE", robust
reg govRes free inc age age2 male class mar if cc=="CZE", robust

```
Linear regression                        Number of obs   =      1,172
                                         F(7, 1164)      =      25.20
                                         Prob ¿ F        =     0.0000
                                         R-squared       =     0.1409
                                         Root MSE        =     2.2636

------------------------------------------------------------------------------
        —               Robust
  govRes — Coefficient  std. err.     t    P¿—t—    [95% conf. interval]
-------------+----------------------------------------------------------------
    free —  -.1686818    .0406432    -4.15   0.000    -.2484239   -.0889397
     inc —  -.2872188    .0608255    -4.72   0.000    -.4065586   -.1678789
     age —  -.0035356    .0243019    -0.15   0.884    -.051216     .0441449
    age2 —   .0000466    .0002442     0.19   0.849    -.0004326    .0005257
```

```
    male —   -.1071923   .1328598   -0.81   0.420    -.3678638    .1534791
   class —   -.3542257   .1120923   -3.16   0.002    -.5741512   -.1343001
     mar —   -.1164154   .1448518   -0.80   0.422    -.4006152    .1677843
   ˙cons —    9.545361   .6307996   15.13   0.000      8.30773    10.78299
--------------------------------------------------------------------------------

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```