

# agency wvs

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## 1 feb19 playing with wvs

### 1.1 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?:

Autonomy-4 item Index=(a029 +A039)-(a040 + a042) Only questions with answers to the 4 items are considered. -2 Obedience/Religious Faith to 2 Determination, perseverance/Independence

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I thank XXX. All mistakes are mine.

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: TODO add others from there <https://docs.google.com/presentation/d/1YpGP1VmirIAAtRtKqrpcIOef7xSedit?slide=id.p6#slide=id.p6>

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

## 1.2 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 redistrib 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 [aggressive 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 and 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

### 1.2.1 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/autonomy 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%3DIihub>

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
```

govRes	Coefficient	Robust 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
```

govRes	Coefficient	Robust 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
```

govRes	Coefficient	Robust 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

```

	govRes	Coefficient	Robust 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

```

	govRes	Coefficient	Robust 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

```

	govRes	Coefficient	Robust 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

```

	govRes	Coefficient	Robust 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

```

	govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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
```

govRes	Coefficient	Robust 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
```

govRes	Coefficient	Robust 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
```

govRes	Coefficient	Robust 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
```

govRes	Coefficient	Robust 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
```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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

```

govRes	Coefficient	Robust 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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