regress lnvio shall, vce(robust)

Linear regression

Number of obs	= 1173
F(1, 1171)	= 86.86
Prob > F	= 0.0000
R-squared	= 0.0866
Root MSE	= .61735

lnvio	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
shall	-.4429646	.0475283	-9.32	0.000	-.5362148	-.3497144
_cons	6.134919	.0193039	317.81	0.000	6.097045	6.172793

regress lnvio shall incarc_rate density avginc pop pb1064 pw1064 pm1029, vce(robust)

Linear regression

Number of obs	= 1173
F(8, 1164)	= 95.67
Prob > F	= 0.0000
R-squared	= 0.5643
Root MSE	= .42769

lnvio	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
shall	-.3683869	.0347879	-10.59	0.000	-.436641	-.3001329
incarc_rate	.0016126	.0001807	8.92	0.000	.0012581	.0019672
density	.0266885	.0143494	1.86	0.063	-.0014651	.054842
avginc	.0012051	.0072778	0.17	0.869	-.013074	.0154842
pop	.0427098	.0031466	13.57	0.000	.0365361	.0488836
pb1064	.0808526	.0199924	4.04	0.000	.0416274	.1200778
pw1064	.0312005	.0097271	3.21	0.001	.012116	.0502851
pm1029	.0088709	.0120604	0.74	0.462	-.0147917	.0325334
_cons	2.981738	.6090198	4.90	0.000	1.786839	4.176638

xtreg lnvio shall incarc_rate density avginc pop pb1064 pw1064 pm1029, fe vce(cluster stateid)

```
Fixed-effects (within) regression               Number of obs      =      1173
Group variable: stateid                         Number of groups   =        51

R-sq:  within  = 0.2178                         Obs per group: min =        23
       between = 0.0033                                        avg =      23.0
       overall = 0.0001                                        max =        23

                                                F(8,50)            =     34.10
corr(u_i, Xb)  = -0.3687                        Prob > F           =    0.0000

                                 (Std. Err. adjusted for 51 clusters in stateid)
```

lnvio	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
shall	-.0461415	.0417616	-1.10	0.275	-.1300223	.0377392
incarc_rate	-.000071	.0002504	-0.28	0.778	-.0005739	.0004318
density	-.1722901	.1376129	-1.25	0.216	-.4486936	.1041135
avginc	-.0092037	.0129649	-0.71	0.481	-.0352445	.016837
pop	.0115247	.014224	0.81	0.422	-.0170452	.0400945
pb1064	.1042804	.0326849	3.19	0.002	.0386308	.1699301
pw1064	.0408611	.0134585	3.04	0.004	.0138289	.0678932
pm1029	-.0502725	.0206949	-2.43	0.019	-.0918394	-.0087057
_cons	3.866017	.7701057	5.02	0.000	2.319214	5.412819
sigma_u	.68024951					
sigma_e	.16072287					
rho	.94712779	(fraction of variance due to u_i)				

xtreg lnvio shall incarc_rate density avginc pop pb1064 pw1064 pm1029 i.year, fe vce(cluster stateid)

```
Fixed-effects (within) regression               Number of obs      =      1173
Group variable: stateid                         Number of groups   =        51

R-sq:  within  = 0.4180                         Obs per group: min =        23
       between = 0.0419                                        avg =      23.0
       overall = 0.0009                                        max =        23

                                                F(30,50)           =     56.86
corr(u_i, Xb)  = -0.2929                        Prob > F           =    0.0000

                                (Std. Err. adjusted for 51 clusters in stateid)
```

lnvio	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
shall	-.0279935	.0407168	-0.69	0.495	-.1097757	.0537886
incarc_rate	.000076	.0002079	0.37	0.716	-.0003416	.0004935
density	-.091555	.1238622	-0.74	0.463	-.3403396	.1572296
avginc	.0009587	.0164931	0.06	0.954	-.0321688	.0340861
pop	-.0047544	.0152294	-0.31	0.756	-.0353436	.0258347
pb1064	.0291862	.0495407	0.59	0.558	-.0703192	.1286916
pw1064	.0092501	.0237564	0.39	0.699	-.0384659	.0569662
pm1029	.0733254	.0524733	1.40	0.168	-.0320704	.1787211
year						
78	.0585261	.0161556	3.62	0.001	.0260767	.0909755
79	.1639486	.0244579	6.70	0.000	.1148233	.2130738
80	.2170759	.0334184	6.50	0.000	.1499531	.2841987
81	.2172551	.0391956	5.54	0.000	.1385284	.2959819
82	.1946328	.0465743	4.18	0.000	.1010856	.28818
83	.158645	.0593845	2.67	0.010	.0393676	.2779223
84	.1929883	.0770021	2.51	0.015	.0383251	.3476515
85	.2444764	.0922217	2.65	0.011	.0592438	.4297091
86	.3240904	.1089181	2.98	0.004	.1053219	.5428589
87	.324365	.1249881	2.60	0.012	.073319	.5754111
88	.3867412	.1397074	2.77	0.008	.1061305	.6673518
89	.4422143	.1535358	2.88	0.006	.1338286	.7505999
90	.5430478	.1960859	2.77	0.008	.1491976	.936898
91	.5959456	.2040685	2.92	0.005	.1860618	1.005829
92	.6275171	.2170306	2.89	0.006	.1915982	1.063436
93	.6497414	.2246177	2.89	0.006	.1985834	1.100899
94	.6354187	.2332437	2.72	0.009	.1669349	1.103903
95	.6276831	.2423607	2.59	0.013	.1408874	1.114479
96	.5713423	.2534067	2.25	0.029	.06236	1.080325
97	.5501153	.2613516	2.10	0.040	.0251751	1.075055
98	.4932904	.2746546	1.80	0.079	-.0583697	1.04495
99	.4328776	.2862197	1.51	0.137	-.1420117	1.007767
_cons	3.765525	1.152108	3.27	0.002	1.451448	6.079603
sigma_u	.6663043					
sigma_e	.1400264					
rho	.95770338	(fraction of variance due to u_i)				