

## ALL FIRMS WITHOUT MACRO CONTROLS (real version, treasury interest rates)

```
. xtreg rBankDebt2 rvar1_table2 rvar2_table2 rvar3_table2 rvar4_table2 ln_l_reel_net_sales ind_spec_dummy_yr dummy_2002so
> nras1, fe
```

Fixed-effects (within) regression  
Group variable: firmno  
Number of obs = 59229  
Number of groups = 15336  
R-sq: within = 0.4500  
between = 0.1663  
overall = 0.2453  
obs per group: min = 1  
avg = 3.9  
max = 11  
F(7,43886) = 5129.17  
Prob > F = 0.0000  
corr(u\_i, Xb) = -0.4014

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-3.017397	.2190053	-13.78	0.000	-3.446651	-2.588143
rvar2_table2	1.116549	2.471354	0.45	0.651	-3.727348	5.960447
rvar3_table2	7.696144	.9971557	7.72	0.000	5.7417	9.650587
rvar4_table2	3.904229	.0270409	144.38	0.000	3.851228	3.957229
ln_l_reel~es	-.0011621	.0001642	-7.08	0.000	-.001484	-.0008403
ind_spec_d-r	-4.91e-07	1.60e-08	-30.70	0.000	-5.23e-07	-4.60e-07
dummy_2002-i	-.0058411	.0009467	-6.17	0.000	-.0076967	-.0039855
_cons	.0334779	.0017954	18.65	0.000	.0299589	.0369969
sigma_u	.04414277					
sigma_e	.02117091					
rho	.81299695	(fraction of variance due to u_i)				

F test that all u\_i=0: F(15335, 43886) = 5.63 Prob > F = 0.0000

## ALL FIRMS WITH MACRO CONTROLS (real version, treasury interest rates)

```
. xtreg rBankDebt2 rvar1_table2 rvar2_table2 rvar3_table2 rvar4_table2 ln_l_reel_net_sales ind_spec_dummy_yr kur hazine_f
> aiz imkb ortaklik dummy_2002sonras1, fe
```

Fixed-effects (within) regression  
Group variable: firmno  
Number of obs = 59229  
Number of groups = 15336  
R-sq: within = 0.5093  
between = 0.2610  
overall = 0.3604  
obs per group: min = 1  
avg = 3.9  
max = 11  
F(9,43884) = 5060.36  
Prob > F = 0.0000  
corr(u\_i, Xb) = -0.2197

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-6.084672	.2260517	-26.92	0.000	-6.527737	-5.641606
rvar2_table2	9.503151	2.348129	4.05	0.000	4.900776	14.10553
rvar3_table2	2.277083	.9503132	2.40	0.017	.4144518	4.139714
rvar4_table2	2.813069	.0296157	94.99	0.000	2.755022	2.871116
ln_l_reel~es	-.0011867	.0001551	-7.65	0.000	-.0014908	-.0008827
ind_spec_d-r	-1.64e-07	1.58e-08	-10.40	0.000	-1.95e-07	-1.33e-07
kur	-.0272805	.0005078	-53.72	0.000	-.0282759	-.0262851
hazine_faiz	.0001442	7.69e-06	18.77	0.000	.0001292	.0001593
imkb	(dropped)					
ortaklik	(dropped)					
dummy_2002-i	.0358261	.0010981	32.63	0.000	.0336738	.0379784
_cons	.0373262	.0018448	20.23	0.000	.0337105	.040942
sigma_u	.03911843					
sigma_e	.01999767					
rho	.79281145	(fraction of variance due to u_i)				

F test that all u\_i=0: F(15335, 43884) = 4.98 Prob > F = 0.0000

## SMALL FIRMS (n<=10) WITH MACRO CONTROLS (real version, treasury interest rates)

Group variable: firmno  
Number of groups = 4543  
R-sq: within = 0.4389  
between = 0.1801  
overall = 0.2589  
obs per group: min = 1  
avg = 2.2  
max = 11  
F(9,5496) = 477.77  
Prob > F = 0.0000  
corr(u\_i, Xb) = -0.2112

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-4.303713	.7273934	-5.92	0.000	-5.729692	-2.877734
rvar2_table2	9.666553	6.131328	1.58	0.115	-2.353277	21.68638
rvar3_table2	.337987	2.59697	0.13	0.896	-4.753103	5.429076
rvar4_table2	3.324447	.0938133	35.44	0.000	3.140536	3.508358
ln_l_reel~es	-.0012204	.0004255	-2.87	0.004	-.0020547	-.0003862
ind_spec_d-r	-2.24e-07	5.18e-08	-4.33	0.000	-3.25e-07	-1.22e-07
kur	-.0217272	.0015263	-14.24	0.000	-.0247193	-.0187352
hazine_faiz	.0000855	.0000232	3.68	0.000	.00004	.0001311
imkb	(dropped)					
ortaklik	(dropped)					
dummy_2002-i	.0264403	.0035547	7.44	0.000	.0194718	.0334089
_cons	.0388357	.004709	8.25	0.000	.0296041	.0480672
sigma_u	.05081765					
sigma_e	.02059383					
rho	.85893882	(fraction of variance due to u_i)				

F test that all u\_i=0: F(4542, 5496) = 6.13 Prob > F = 0.0000

## MEDIUM FIRMS (100>=n>10) WITH MACRO CONTROLS (real version, treasury interest rates)

```
. xtreg rBankDebt2 rvar1_table2 rvar2_table2 rvar3_table2 rvar4_table2 ln_l_reel_net_sales ind_spec_dummy_ylr kur hazine_f
> a1z imkb ortaklik dummy_2002sonrasi if employment <=100 & employment >10, fe
```

Fixed-effects (within) regression  
Group variable: firmno

Number of obs = 30484  
Number of groups = 9566

R-sq: within = 0.4837  
between = 0.3165  
overall = 0.3710

Obs per group: min = 1  
avg = 3.2  
max = 11

F(9,20909) = 2176.81  
Prob > F = 0.0000

corr(u\_i, xb) = -0.2493

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-6.04294	.3206333	-18.85	0.000	-6.671406	-5.414473
rvar2_table2	11.12962	3.483411	3.20	0.001	4.301865	17.95738
rvar3_table2	1.484887	1.412653	1.05	0.293	-1.284022	4.253796
rvar4_table2	2.950598	.0446222	66.12	0.000	2.863135	3.038061
ln_l_reel_net_sales	-.0010876	.0002298	-4.73	0.000	-.0015379	-.0006372
ind_spec_dummy_ylr	-1.81e-07	2.30e-08	-7.88	0.000	-2.26e-07	-1.36e-07
kur	-.025529	.000708	-36.06	0.000	-.0269167	-.0241413
hazine_faiz	.0001359	.0000108	12.63	0.000	.0001148	.000157
imkb	(dropped)					
ortaklik	(dropped)					
dummy_2002~i	.0348862	.0015636	22.31	0.000	.0318213	.037951
_cons	.035033	.00264	13.27	0.000	.0298584	.0402077
sigma_u	.03429022					
sigma_e	.01901846					
rho	.76475	(fraction of variance due to u_i)				

F test that all u\_i=0: F(9565, 20909) = 4.04 Prob > F = 0.0000

## LARGE FIRMS (n>100) WITH MACRO CONTROLS (real version, treasury interest rates)

```
. xtreg rBankDebt2 rvar1_table2 rvar2_table2 rvar3_table2 rvar4_table2 ln_l_reel_net_sales ind_spec_dummy_ylr kur hazine_f
> a1z imkb ortaklik dummy_2002sonrasi if employment >100, fe
```

Fixed-effects (within) regression  
Group variable: firmno

Number of obs = 18697  
Number of groups = 5476

R-sq: within = 0.5646  
between = 0.3409  
overall = 0.4034

Obs per group: min = 1  
avg = 3.4  
max = 11

F(9,13212) = 1903.85  
Prob > F = 0.0000

corr(u\_i, xb) = -0.2067

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-6.63241	.3844807	-17.25	0.000	-7.386048	-5.878773
rvar2_table2	13.79082	3.892374	3.54	0.000	6.16121	21.42043
rvar3_table2	2.880752	1.558392	0.18	0.853	-2.766596	3.342746
rvar4_table2	2.545689	.0459276	55.43	0.000	2.455664	2.635714
ln_l_reel_net_sales	-.0014123	.0003285	-4.30	0.000	-.0020562	-.0007685
ind_spec_dummy_ylr	-2.96e-07	3.60e-08	-8.23	0.000	-3.66e-07	-2.25e-07
kur	-.028699	.0008732	-32.87	0.000	-.0304106	-.0269874
hazine_faiz	.0001437	.0000128	11.24	0.000	.0001186	.0001687
imkb	(dropped)					
ortaklik	(dropped)					
dummy_2002~i	.038354	.0018561	20.66	0.000	.0347158	.0419921
_cons	.0431863	.0041079	10.51	0.000	.0351342	.0512384
sigma_u	.03151714					
sigma_e	.01867427					
rho	.74015414	(fraction of variance due to u_i)				

F test that all u\_i=0: F(5475, 13212) = 3.94 Prob > F = 0.0000

## SMALL FIRMS (reel\_assets<=8327.346) WITH MACRO CONTROLS (real version, treasury interest rates)

```
. xtreg rBankDebt2 rvar1_table2 rvar2_table2 rvar3_table2 rvar4_table2 ln_l_reel_n
> et_sales ind_spec_dummy_yr kur hazine_faiz imkb ortaklik dummy_2002sonrasi if re
> el_assets<=8327.346, fe
```

Fixed-effects (within) regression  
Group variable: firmno

Number of obs = 12383  
Number of groups = 5538

R-sq: within = 0.4071  
between = 0.2458  
overall = 0.2995

obs per group: min = 1  
avg = 2.2  
max = 11

F(9,6836) = 521.53  
Prob > F = 0.0000

corr(u\_i, Xb) = -0.1984

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-4.059478	.6297548	-6.45	0.000	-5.293994	-2.824963
rvar2_table2	7.734371	5.125696	1.51	0.131	-2.313588	17.78233
rvar3_table2	.7574384	2.187896	0.35	0.729	-3.531517	5.046394
rvar4_table2	2.490814	.0690927	36.05	0.000	2.35537	2.626257
ln_l_reel~es	-.0013314	.0004406	-3.02	0.003	-.0021951	-.0004677
ind_spec_d~r	-9.46e-08	4.67e-08	-2.02	0.043	-1.86e-07	-2.93e-09
kur	-.0228225	.0012212	-18.69	0.000	-.0252165	-.0204286
hazine_faiz	.0001129	.0000195	5.79	0.000	.0000746	.0001511
imkb	(dropped)					
ortaklik	(dropped)					
dummy_2002~i	.0255986	.003114	8.22	0.000	.0194942	.0317029
_cons	.0352181	.0044587	7.90	0.000	.0264778	.0439585
sigma_u	.04012079					
sigma_e	.02049046					
rho	.79312574	(fraction of variance due to u_i)				

F test that all u\_i=0: F(5537, 6836) = 4.04 Prob > F = 0.0000

## MEDIUM FIRMS (82864.38<reel\_assets>8327.346) WITH MACRO CONTROLS (real version, treasury interest rates)

```
. xtreg rBankDebt2 rvar1_table2 rvar2_table2 rvar3_table2 rvar4_table2 ln_l_reel_net_sales ind_spec_dummy_yr
> kur hazine_faiz imkb ortaklik dummy_2002sonrasi if reel_assets>8327.346 & reel_assets<82864.38, fe
```

Fixed-effects (within) regression  
Group variable: firmno

Number of obs = 30011  
Number of groups = 9670

R-sq: within = 0.5159  
between = 0.2720  
overall = 0.3582

obs per group: min = 1  
avg = 3.1  
max = 11

F(9,20332) = 2407.66  
Prob > F = 0.0000

corr(u\_i, Xb) = -0.1597

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-5.905127	.333237	-17.72	0.000	-6.558298	-5.251955
rvar2_table2	8.906685	3.496064	2.55	0.011	2.054118	15.75925
rvar3_table2	2.408059	1.400206	1.72	0.085	-.3364572	5.152575
rvar4_table2	2.99386	.041989	71.30	0.000	2.911558	3.076162
ln_l_reel~es	-.0012966	.000232	-5.59	0.000	-.0017514	-.0008418
ind_spec_d~r	-1.77e-07	2.26e-08	-7.84	0.000	-2.22e-07	-1.33e-07
kur	-.0243859	.0007068	-34.50	0.000	-.0257714	-.0230004
hazine_faiz	.0001212	.0000104	11.63	0.000	.0001008	.0001416
imkb	(dropped)					
ortaklik	(dropped)					
dummy_2002~i	.0329215	.0015908	20.69	0.000	.0298033	.0360396
_cons	.0372616	.0026704	13.95	0.000	.0320274	.0424959
sigma_u	.03910977					
sigma_e	.01842757					
rho	.81832621	(fraction of variance due to u_i)				

F test that all u\_i=0: F(9669, 20332) = 5.36 Prob > F = 0.0000

# LARGE FIRMS (82864.38<=reel\_assets) WITH MACRO CONTROLS (real version, treasury interest rates)

```
. xtreg rBankDebt2 rvar1_table2 rvar2_table2 rvar3_table2 rvar4_table2 ln_l_reel_net_sales ind_spec_dummy_yr
> kur hazine_faiz imkb ortaklik dummy_2002sonras1 if reel_assets>=82864.38, fe
```

Fixed-effects (within) regression  
Group variable: firmno

Number of obs = 16835  
Number of groups = 4450

R-sq: within = 0.5589  
between = 0.3852  
overall = 0.4258

obs per group: min = 1  
avg = 3.8  
max = 11

corr(u\_i, xb) = -0.2306

F(9,12376) = 1742.42  
Prob > F = 0.0000

rBankDebt2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
rvar1_table2	-5.829369	.3878727	-15.03	0.000	-6.58966	-5.069078
rvar2_table2	8.537709	4.686797	1.82	0.069	-.6491427	17.72456
rvar3_table2	2.987348	1.875321	1.59	0.111	-.6885725	6.663269
rvar4_table2	2.919085	.0562152	51.93	0.000	2.808895	3.029276
ln_l_reel~es	-.0014057	.0002915	-4.82	0.000	-.001977	-.0008344
ind_spec_d~r	-2.60e-07	3.00e-08	-8.65	0.000	-3.19e-07	-2.01e-07
kur	-.0308271	.0009611	-32.07	0.000	-.032711	-.0289432
hazine_faiz	.0001515	.000014	10.84	0.000	.0001241	.0001789
imkb	(dropped)					
ortaklik	(dropped)					
dummy_2002~i	.0371745	.0019422	19.14	0.000	.0333675	.0409815
_cons	.0467118	.0038659	12.08	0.000	.039134	.0542895
sigma_u	.02857704					
sigma_e	.01954173					
rho	.68137613	(fraction of variance due to u_i)				

F test that all u\_i=0: F(4449, 12376) = 3.27 Prob > F = 0.0000