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-----  
      name: <unnamed>  
      log:  D:\Research\NC Unemployment\CPS data\CPS_run.log  
      log type: text  
      opened on: 23 Mar 2021, 14:11:26
```

```
.  
. use cps_ipums_match_new  
/*** CHANGE HERE ***/  
  
.   
.   
.          /* Define employment categories */  
.   
. gen emp0=0  
  
. replace emp0=1 if (empstat0==10 | empstat0==12)  
(10,809,265 real changes made)  
  
. gen emp1=0  
  
. replace emp1=1 if (empstat1==10 | empstat1==12)  
(10,788,370 real changes made)  
  
. gen unemp0 = 0  
  
. replace unemp0=1 if (empstat0==21 | empstat0==22)  
(637,092 real changes made)  
  
. gen unemp1 = 0  
  
. replace unemp1 = 1 if (empstat1==21 | empstat1==22)  
(617,363 real changes made)  
  
. gen nilf0 = 0  
  
. replace nilf0 = 1 if (empstat0 == 32 | empstat0 == 34 | empstat0 == 36)  
(6,498,684 real changes made)  
  
. gen nilf1 = 0  
  
. replace nilf1 = 1 if (empstat1 == 32 | empstat1 == 34 | empstat1 == 36)  
(6,567,761 real changes made)  
  
.   
.   
.          /* Select prime working age */  
.   
. keep if (age>24 & age<55)  
(13,365,641 observations deleted)  
  
.   
.          /* Remove overlap observations */  
.   
.   
. drop if (mish == 2 | mish == 4 | mish == 6 | mish == 8)  
(3,079,845 observations deleted)  
  
.   
.   
.          /* Introduce a breakdown by state */  
.   
. 
```

```

. gen nc = 0

. replace nc = 1 if statefip==37
(129,260 real changes made)

.
.
.
. generate qtr = floor((month-1)/3)          /* qtr=0 for month=Jan to
Mar,..., =3 for month=Oct to Dec */

. generate tim=(4*year-7999)+qtr

.
.           /* Graphic of those out of the labor force */
. /*
> keep if nc==1
> sort tim
> by tim: egen nonemnc = mean(nilf0)
> keep tim nonemnc
> duplicates drop
> lpoly nonemnc tim, at(tim) generate(nonpolync)
> */

. save cps_ipums_work, replace
file cps_ipums_work.dta saved

.
.           /*          This is the unemployed block          */
.
.
. use cps_ipums_work, clear

.
. keep if (unemp0 == 1)
(5,866,646 observations deleted)

.
.
. generate U_to_N = nilf1 == 1

. generate U_to_E = emp1 == 1

. generate U_to_U = unemp1 == 1

. generate U_to_D = empstat1==32

. generate U_to_No = empstat1==34

. generate U_to_R = empstat1==36

. generate U_new = empstat0==22

. generate U_working = empstat0==21

.
. /*
> generate U_to_D = empstat1==32
> generate U_to_No = (empstat1==34 | empstat1==36)
> */

. /* Nunification

```

```

> generate U_to_N = (nilf1 == 1 & nilf2 == 1 )
> generate U_to_E = (emp1 == 1 & emp2 == 1)
> generate U_to_U = (unemp1 == 1 | (nilf1 == 1 & unemp2 == 1) | (emp1 == 1 & unemp2
== 1))
> */
.
. /* New or experienced worker? */
. /*
> tab unemp0
> tab U_new
> tab U_working
> */
.
. /* Do this separately for unemp0=1 and for unemp0=0 */
. /*
> lpoly U_to_N tim, at(tim) generate(puton) se(suton) ci
> lpoly U_to_E tim, at(tim) generate(putoe) se(sutoe) ci
> lpoly U_to_U tim, at(tim) generate(putou) se(sutou) ci
> */
. /* GLS with random effects by household */
.
.
. sort serial

. xtset serial
      panel variable:  serial (unbalanced)

. xtreg U_to_N i.tim i.tim#nc

```

```

Random-effects GLS regression           Number of obs   =   238,239
Group variable: serial                  Number of groups =    69,293

R-sq:                                     Obs per group:
      within = 0.0039                      min =           1
      between = 0.0038                     avg  =          3.4
      overall = 0.0039                     max  =          16

corr(u_i, X) = 0 (assumed)                Wald chi2(159)  =   937.78
                                           Prob > chi2    =    0.0000

```

U_to_N	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
tim						
2	.0151239	.0126466	1.20	0.232	-.0096629	.0399107
3	-.0039634	.0125611	-0.32	0.752	-.0285828	.020656
4	.0047065	.0126607	0.37	0.710	-.020108	.0295209
5	-.0106499	.012037	-0.88	0.376	-.0342421	.0129422
6	-.0094821	.0120773	-0.79	0.432	-.0331533	.014189
7	-.0135639	.0113914	-1.19	0.234	-.0358907	.0087629
8	-.0250083	.0112186	-2.23	0.026	-.0469965	-.0030202
9	-.059527	.0108311	-5.50	0.000	-.0807555	-.0382984
10	-.0164962	.0110274	-1.50	0.135	-.0381095	.0051171
11	-.0323308	.0110927	-2.91	0.004	-.054072	-.0105895
12	-.024509	.0110884	-2.21	0.027	-.0462418	-.0027763
13	-.0354464	.0106866	-3.32	0.001	-.0563917	-.014501
14	-.0316033	.0109927	-2.87	0.004	-.0531485	-.0100581
15	-.0335905	.0109958	-3.05	0.002	-.0551419	-.0120391
16	-.0155564	.0110942	-1.40	0.161	-.0373005	.0061878
17	-.0315193	.0108794	-2.90	0.004	-.0528425	-.0101961
18	-.0256488	.0113542	-2.26	0.024	-.0479027	-.0033949
19	-.0098241	.0113441	-0.87	0.386	-.0320582	.0124099
20	-.0042454	.0114138	-0.37	0.710	-.026616	.0181252

21		-.0346735	.0111831	-3.10	0.002	-.056592	-.012755
22		-.001411	.0115359	-0.12	0.903	-.024021	.0211989
23		-.0068027	.0116067	-0.59	0.558	-.0295515	.0159461
24		.0240854	.0116378	2.07	0.038	.0012757	.0468951
25		-.0118101	.0114248	-1.03	0.301	-.0342022	.010582
26		.0108984	.0119213	0.91	0.361	-.0124669	.0342636
27		.0104626	.0117679	0.89	0.374	-.012602	.0335272
28		.0047726	.0120956	0.39	0.693	-.0189344	.0284796
29		-.0185763	.0115929	-1.60	0.109	-.041298	.0041455
30		.0006626	.0120032	0.06	0.956	-.0228631	.0241884
31		.0063353	.0118028	0.54	0.591	-.0167977	.0294683
32		.0029491	.0117535	0.25	0.802	-.0200874	.0259856
33		-.0208378	.0113538	-1.84	0.066	-.043091	.0014153
34		-.017539	.0115572	-1.52	0.129	-.0401906	.0051127
35		-.0201562	.0112026	-1.80	0.072	-.0421128	.0018005
36		-.0206677	.0109229	-1.89	0.058	-.0420763	.0007409
37		-.0630727	.010217	-6.17	0.000	-.0830977	-.0430477
38		-.051689	.010264	-5.04	0.000	-.071806	-.031572
39		-.0545928	.0101809	-5.36	0.000	-.074547	-.0346386
40		-.0493083	.0101761	-4.85	0.000	-.0692531	-.0293634
41		-.0571389	.0099774	-5.73	0.000	-.0766942	-.0375836
42		-.0345324	.0102364	-3.37	0.001	-.0545954	-.0144694
43		-.0366178	.0102415	-3.58	0.000	-.0566907	-.0165449
44		-.0283501	.0102553	-2.76	0.006	-.0484501	-.0082501
45		-.0346911	.0101881	-3.41	0.001	-.0546594	-.0147228
46		-.0210698	.0103686	-2.03	0.042	-.041392	-.0007477
47		-.0342254	.0103712	-3.30	0.001	-.0545525	-.0138982
48		-.0185738	.0104846	-1.77	0.076	-.0391233	.0019757
49		-.0198271	.0104036	-1.91	0.057	-.0402178	.0005637
50		-.0176901	.0106539	-1.66	0.097	-.0385713	.0031911
51		-.015473	.0105621	-1.46	0.143	-.0361744	.0052283
52		-.007892	.010726	-0.74	0.462	-.0289146	.0131305
53		-.0164257	.0106068	-1.55	0.121	-.0372147	.0043633
54		-.0234274	.0108894	-2.15	0.031	-.0447703	-.0020845
55		-.0124805	.0109014	-1.14	0.252	-.0338468	.0088859
56		-.000131	.0109949	-0.01	0.990	-.0216805	.0214186
57		-.0193457	.010896	-1.78	0.076	-.0407015	.00201
58		.0009127	.0113816	0.08	0.936	-.0213949	.0232202
59		.0027736	.0112704	0.25	0.806	-.019316	.0248631
60		.0077406	.0115105	0.67	0.501	-.0148196	.0303007
61		.0166471	.0113052	1.47	0.141	-.0055107	.038805
62		.0268794	.0117431	2.29	0.022	.0038633	.0498954
63		.0130792	.0118069	1.11	0.268	-.010062	.0362203
64		.0152196	.0119032	1.28	0.201	-.0081103	.0385494
65		.0109012	.0116958	0.93	0.351	-.0120222	.0338247
66		.0051359	.012098	0.42	0.671	-.0185758	.0288476
67		.0004355	.0117392	0.04	0.970	-.0225728	.0234439
68		.0194656	.012049	1.62	0.106	-.00415	.0430813
69		.0094078	.0118481	0.79	0.427	-.0138141	.0326296
70		.0192677	.0123633	1.56	0.119	-.0049639	.0434993
71		.005381	.0121726	0.44	0.658	-.0184769	.0292389
72		.0248979	.0128374	1.94	0.052	-.000263	.0500587
73		.013004	.0123868	1.05	0.294	-.0112736	.0372816
74		.0266607	.0129628	2.06	0.040	.0012541	.0520674
75		.0094133	.0129026	0.73	0.466	-.0158753	.0347019
76		.0328849	.0132024	2.49	0.013	.0070087	.0587611
77		-.005292	.0127656	-0.41	0.678	-.0303122	.0197282
78		.0316738	.0135118	2.34	0.019	.0051913	.0581564
79		.0120969	.0132935	0.91	0.363	-.0139579	.0381518
80		.003857	.0158129	0.24	0.807	-.0271357	.0348496

tim#nc |

1		-.0923143	.0596161	-1.55	0.122	-.2091598	.0245312
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2	1		.0701337	.0708734	0.99	0.322	-.0687755	.209043
3	1		-.0059168	.0617805	-0.10	0.924	-.1270043	.1151707
4	1		-.0732221	.0597176	-1.23	0.220	-.1902665	.0438223
5	1		.0470997	.0520831	0.90	0.366	-.0549812	.1491806
6	1		-.0563169	.0525233	-1.07	0.284	-.1592607	.046627
7	1		-.0147343	.0552916	-0.27	0.790	-.1231038	.0936352
8	1		-.0075478	.0440826	-0.17	0.864	-.0939482	.0788525
9	1		.0205654	.0417827	0.49	0.623	-.0613271	.1024579
10	1		-.049896	.0445749	-1.12	0.263	-.1372612	.0374692
11	1		.0196015	.0448567	0.44	0.662	-.068316	.107519
12	1		.0002255	.0466562	0.00	0.996	-.091219	.09167
13	1		.0254347	.0424436	0.60	0.549	-.0577531	.1086226
14	1		.0038603	.0479577	0.08	0.936	-.090135	.0978556
15	1		-.0658576	.0486455	-1.35	0.176	-.1612011	.0294859
16	1		-.0122815	.0463367	-0.27	0.791	-.1030997	.0785368
17	1		.0956724	.0482766	1.98	0.048	.001052	.1902929
18	1		-.0329874	.056979	-0.58	0.563	-.1446643	.0786894
19	1		.0007975	.0506659	0.02	0.987	-.0985059	.1001008
20	1		-.0041862	.0506705	-0.08	0.934	-.1034985	.0951262
21	1		.0079123	.0527755	0.15	0.881	-.0955257	.1113503
22	1		.018248	.0537939	0.34	0.734	-.0871861	.123682
23	1		.0521755	.0570057	0.92	0.360	-.0595536	.1639046
24	1		-.0431999	.0570355	-0.76	0.449	-.1549874	.0685877
25	1		.030994	.0564262	0.55	0.583	-.0795993	.1415874
26	1		-.0889626	.0576867	-1.54	0.123	-.2020265	.0241013
27	1		-.0807056	.0548608	-1.47	0.141	-.1882309	.0268196
28	1		.1223625	.0589567	2.08	0.038	.0068095	.2379156
29	1		-.1091209	.063126	-1.73	0.084	-.2328456	.0146037
30	1		-.1019167	.0571037	-1.78	0.074	-.2138379	.0100046
31	1		-.0487924	.0602268	-0.81	0.418	-.1668348	.0692499
32	1		-.0744151	.0588782	-1.26	0.206	-.1898143	.0409842
33	1		.048092	.0510516	0.94	0.346	-.0519673	.1481513
34	1		.031016	.0515298	0.60	0.547	-.0699805	.1320125
35	1		-.0273405	.0454686	-0.60	0.548	-.1164574	.0617764
36	1		-.0414465	.0415916	-1.00	0.319	-.1229646	.0400715
37	1		-.0091256	.0361645	-0.25	0.801	-.0800066	.0617555
38	1		-.0467508	.0389739	-1.20	0.230	-.1231383	.0296366
39	1		-.0100653	.0341275	-0.29	0.768	-.076954	.0568233
40	1		-.0085783	.0369154	-0.23	0.816	-.0809311	.0637745
41	1		.0633025	.0343275	1.84	0.065	-.0039782	.1305832
42	1		-.0340313	.0367647	-0.93	0.355	-.1060888	.0380262
43	1		-.0182017	.0344038	-0.53	0.597	-.0856318	.0492285
44	1		-.008349	.0405556	-0.21	0.837	-.0878366	.0711385
45	1		-.0617224	.0411739	-1.50	0.134	-.1424217	.0189769
46	1		-.0170878	.0354947	-0.48	0.630	-.0866561	.0524804
47	1		.0223504	.0363601	0.61	0.539	-.048914	.0936148
48	1		-.0373019	.0408134	-0.91	0.361	-.1172947	.0426909
49	1		.0483427	.0407989	1.18	0.236	-.0316218	.1283071
50	1		.00773	.0436721	0.18	0.860	-.0778658	.0933257
51	1		-.0367747	.0465475	-0.79	0.430	-.1280062	.0544567
52	1		-.0210019	.0392893	-0.53	0.593	-.0980075	.0560037
53	1		.0514457	.0396271	1.30	0.194	-.026222	.1291135
54	1		-.0266555	.0418012	-0.64	0.524	-.1085843	.0552734
55	1		.1241913	.0445474	2.79	0.005	.0368799	.2115026
56	1		.0927161	.046014	2.01	0.044	.0025302	.1829019
57	1		.0138043	.047255	0.29	0.770	-.0788138	.1064223
58	1		.1755149	.0498968	3.52	0.000	.0777191	.2733108
59	1		.0151286	.0518931	0.29	0.771	-.0865799	.1168372
60	1		.1352327	.0602091	2.25	0.025	.0172251	.2532403
61	1		.0833993	.056387	1.48	0.139	-.0271172	.1939159
62	1		-.0805244	.051169	-1.57	0.116	-.1808137	.0197649
63	1		-.07475	.047815	-1.56	0.118	-.1684657	.0189656
64	1		-.0518248	.0492331	-1.05	0.293	-.14832	.0446703

24		.0490532	.0145915	3.36	0.001	.0204543	.077652
25		.0615928	.0143245	4.30	0.000	.0335173	.0896683
26		.0172035	.0149472	1.15	0.250	-.0120925	.0464995
27		-.0196814	.0147547	-1.33	0.182	-.0486002	.0092373
28		.0507843	.0151656	3.35	0.001	.0210603	.0805083
29		.0219336	.0145354	1.51	0.131	-.0065553	.0504225
30		.029241	.01505	1.94	0.052	-.0002565	.0587385
31		.010309	.0147986	0.70	0.486	-.0186956	.0393137
32		.0673761	.0147367	4.57	0.000	.0384928	.0962594
33		.0528206	.0142361	3.71	0.000	.0249183	.0807229
34		.0779851	.0144905	5.38	0.000	.0495842	.106386
35		.06822	.0140462	4.86	0.000	.0406899	.0957501
36		.1581125	.0136957	11.54	0.000	.1312693	.1849557
37		.1762391	.0128106	13.76	0.000	.1511307	.2013474
38		.1853297	.0128694	14.40	0.000	.1601061	.2105533
39		.1806271	.0127654	14.15	0.000	.1556074	.2056468
40		.2213203	.0127594	17.35	0.000	.1963123	.2463284
41		.1892138	.0125102	15.12	0.000	.1646942	.2137334
42		.1789852	.012835	13.95	0.000	.153829	.2041413
43		.1686079	.0128413	13.13	0.000	.1434394	.1937763
44		.1912339	.0128587	14.87	0.000	.1660313	.2164365
45		.1746965	.0127744	13.68	0.000	.1496592	.1997337
46		.1643683	.0130007	12.64	0.000	.1388873	.1898492
47		.1681897	.0130039	12.93	0.000	.1427025	.193677
48		.177797	.0131461	13.52	0.000	.1520311	.2035629
49		.1506573	.0130446	11.55	0.000	.1250902	.1762243
50		.1546118	.0133582	11.57	0.000	.1284302	.1807934
51		.1236377	.0132433	9.34	0.000	.0976814	.1495941
52		.1591965	.0134486	11.84	0.000	.1328376	.1855553
53		.1417493	.0132992	10.66	0.000	.1156833	.1678153
54		.1428107	.0136536	10.46	0.000	.1160501	.1695713
55		.1104172	.0136687	8.08	0.000	.083627	.1372073
56		.1249035	.013786	9.06	0.000	.0978835	.1519235
57		.1204937	.0136621	8.82	0.000	.0937165	.1472708
58		.0977693	.0142708	6.85	0.000	.0697991	.1257395
59		.0565028	.0141315	4.00	0.000	.0288055	.0842
60		.0957157	.0144321	6.63	0.000	.0674293	.1240021
61		.0767341	.0141751	5.41	0.000	.0489514	.1045168
62		.0560922	.0147245	3.81	0.000	.0272326	.0849517
63		.0351148	.0148041	2.37	0.018	.0060993	.0641304
64		.0887835	.0149247	5.95	0.000	.0595318	.1180353
65		.071002	.0146652	4.84	0.000	.0422588	.0997453
66		.0483731	.0151693	3.19	0.001	.0186418	.0781043
67		.0420193	.0147193	2.85	0.004	.0131701	.0708685
68		.0611093	.0151076	4.04	0.000	.031499	.0907196
69		.0403792	.0148561	2.72	0.007	.0112617	.0694967
70		.0220872	.0155018	1.42	0.154	-.0082957	.0524702
71		.0022413	.0152631	0.15	0.883	-.0276739	.0321565
72		.0575456	.0160961	3.58	0.000	.0259978	.0890935
73		.0416663	.0155311	2.68	0.007	.011226	.0721066
74		.0199922	.0162532	1.23	0.219	-.0118635	.051848
75		-.0131759	.0161778	-0.81	0.415	-.0448839	.0185321
76		.0462589	.0165532	2.79	0.005	.0138152	.0787027
77		.0407901	.016006	2.55	0.011	.0094189	.0721613
78		.0197314	.0169414	1.16	0.244	-.0134732	.0529359
79		.0140667	.0166679	0.84	0.399	-.0186019	.0467352
80		.0445238	.0198268	2.25	0.025	.0056639	.0833836
tim#nc							
1 1		-.1769882	.0747593	-2.37	0.018	-.3235137	-.0304628
2 1		.0208608	.0888533	0.23	0.814	-.1532885	.1950101
3 1		-.0214821	.0774522	-0.28	0.782	-.1732857	.1303215
4 1		.0201671	.0748758	0.27	0.788	-.1265867	.1669209

5	1		.0253237	.0653131	0.39	0.698	-.1026877	.153335
6	1		.0077696	.0658571	0.12	0.906	-.1213078	.1368471
7	1		.152932	.0693194	2.21	0.027	.0170685	.2887954
8	1		-.0016544	.0552773	-0.03	0.976	-.1099958	.1066871
9	1		.0050249	.0523934	0.10	0.924	-.0976642	.107714
10	1		.0647164	.0558951	1.16	0.247	-.0448359	.1742687
11	1		.0153227	.0562391	0.27	0.785	-.0949038	.1255492
12	1		.0517958	.0585045	0.89	0.376	-.062871	.1664625
13	1		.0585517	.0532239	1.10	0.271	-.0457652	.1628686
14	1		-.0233059	.060138	-0.39	0.698	-.1411742	.0945623
15	1		.150614	.0609878	2.47	0.014	.0310801	.2701479
16	1		-.026705	.0581	-0.46	0.646	-.1405789	.0871688
17	1		-.0340019	.0605349	-0.56	0.574	-.1526483	.0846444
18	1		.0516026	.0714521	0.72	0.470	-.0884409	.191646
19	1		-.0100203	.0635395	-0.16	0.875	-.1345554	.1145148
20	1		.0046182	.0635379	0.07	0.942	-.1199137	.1291501
21	1		-.0432465	.0661698	-0.65	0.513	-.1729369	.0864439
22	1		.0584288	.0674418	0.87	0.386	-.0737547	.1906122
23	1		.0215329	.0714685	0.30	0.763	-.1185428	.1616086
24	1		.0632379	.0715213	0.88	0.377	-.0769412	.203417
25	1		-.0448624	.0707635	-0.63	0.526	-.1835562	.0938315
26	1		.0186829	.0723396	0.26	0.796	-.1231002	.160466
27	1		.0847444	.0687886	1.23	0.218	-.0500789	.2195676
28	1		-.0548316	.0739273	-0.74	0.458	-.1997265	.0900632
29	1		.0937403	.0791397	1.18	0.236	-.0613708	.2488513
30	1		.2056076	.0716025	2.87	0.004	.0652694	.3459459
31	1		.0746579	.075521	0.99	0.323	-.0733605	.2226763
32	1		.0134001	.0738221	0.18	0.856	-.1312886	.1580887
33	1		-.0581063	.0640044	-0.91	0.364	-.1835526	.06734
34	1		.1110268	.064611	1.72	0.086	-.0156085	.237662
35	1		.0513189	.0570161	0.90	0.368	-.0604305	.1630683
36	1		.0738853	.0521607	1.42	0.157	-.0283477	.1761184
37	1		.0156489	.045353	0.35	0.730	-.0732414	.1045393
38	1		.0680888	.048871	1.39	0.164	-.0276967	.1638743
39	1		.0560477	.0427921	1.31	0.190	-.0278233	.1399187
40	1		.0019848	.0462967	0.04	0.966	-.0887552	.0927247
41	1		-.0620285	.0430508	-1.44	0.150	-.1464065	.0223494
42	1		.0641816	.0460992	1.39	0.164	-.0261713	.1545345
43	1		.0426035	.0431455	0.99	0.323	-.0419601	.1271671
44	1		.0943399	.0508612	1.85	0.064	-.0053463	.1940261
45	1		-.0071653	.0516306	-0.14	0.890	-.1083595	.0940289
46	1		.0496999	.0445123	1.12	0.264	-.0375426	.1369424
47	1		-.0355742	.0456005	-0.78	0.435	-.1249495	.0538012
48	1		.0074065	.0511762	0.14	0.885	-.092897	.10771
49	1		.0239554	.0511629	0.47	0.640	-.076322	.1242328
50	1		.0318445	.054758	0.58	0.561	-.0754792	.1391681
51	1		.0853568	.058378	1.46	0.144	-.029062	.1997755
52	1		.093252	.04927	1.89	0.058	-.0033155	.1898195
53	1		-.0952446	.0496863	-1.92	0.055	-.1926279	.0021387
54	1		.0738764	.0524193	1.41	0.159	-.0288635	.1766163
55	1		-.079216	.0558625	-1.42	0.156	-.1887046	.0302725
56	1		-.1262973	.0577005	-2.19	0.029	-.2393882	-.0132065
57	1		-.0639924	.059254	-1.08	0.280	-.1801281	.0521433
58	1		-.0807813	.0625854	-1.29	0.197	-.2034465	.0418839
59	1		.0219871	.0650625	0.34	0.735	-.105533	.1495072
60	1		-.0783478	.0755261	-1.04	0.300	-.2263761	.0696806
61	1		-.0994481	.0707046	-1.41	0.160	-.2380265	.0391303
62	1		.0194546	.0641727	0.30	0.762	-.1063215	.1452307
63	1		.1015091	.0599617	1.69	0.090	-.0160137	.2190319
64	1		-.0069035	.0617323	-0.11	0.911	-.1278966	.1140895
65	1		-.0683798	.0646643	-1.06	0.290	-.1951195	.0583599
66	1		-.0729291	.0708943	-1.03	0.304	-.2118794	.0660212
67	1		-.0766852	.0669081	-1.15	0.252	-.2078226	.0544523

68	1		.0396665	.0676111	0.59	0.557	-.0928488	.1721817
69	1		.0202995	.0738635	0.27	0.783	-.1244702	.1650692
70	1		-.0996907	.0803653	-1.24	0.215	-.2572037	.0578224
71	1		.0688815	.0670398	1.03	0.304	-.0625141	.2002772
72	1		-.0740502	.0733663	-1.01	0.313	-.2178456	.0697451
73	1		-.049557	.0756304	-0.66	0.512	-.1977899	.0986758
74	1		.0436123	.0775792	0.56	0.574	-.1084402	.1956649
75	1		.0817998	.0838029	0.98	0.329	-.0824508	.2460504
76	1		-.0232341	.0850478	-0.27	0.785	-.1899247	.1434564
77	1		.0109403	.078447	0.14	0.889	-.142813	.1646935
78	1		.0069147	.0970729	0.07	0.943	-.1833447	.1971741
79	1		.1422623	.0953166	1.49	0.136	-.0445548	.3290794
80	1		-.1716868	.1037084	-1.66	0.098	-.3749516	.031578
_cons			.4732788	.0107192	44.15	0.000	.4522694	.4942881

sigma_u			.05227558					
sigma_e			.48773987					
rho			.01135692	(fraction of variance due to u_i)				

. xtreg U_to_E i.tim i.tim#nc

Random-effects GLS regression
Group variable: serial

Number of obs = 238,239
Number of groups = 69,293

R-sq:

within = 0.0134
between = 0.0147
overall = 0.0140

Obs per group:

min = 1
avg = 3.4
max = 16

corr(u_i, X) = 0 (assumed)

Wald chi2(159) = 3376.14
Prob > chi2 = 0.0000

U_to_E		Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim						
2		-.0052987	.0136425	-0.39	0.698	-.0320376 .0214402
3		.0405498	.0135506	2.99	0.003	.0139911 .0671085
4		-.0343868	.013658	-2.52	0.012	-.061156 -.0076176
5		-.0059782	.0129849	-0.46	0.645	-.0314283 .0194718
6		-.0017716	.0130288	-0.14	0.892	-.0273076 .0237644
7		.0130956	.0122888	1.07	0.287	-.0109901 .0371812
8		-.0707483	.0121025	-5.85	0.000	-.0944688 -.0470278
9		-.0402341	.0116844	-3.44	0.001	-.0631351 -.0173332
10		-.0676198	.0118961	-5.68	0.000	-.0909358 -.0443038
11		-.0425659	.0119666	-3.56	0.000	-.06602 -.0191118
12		-.088233	.011962	-7.38	0.000	-.111678 -.064788
13		-.0775398	.0115286	-6.73	0.000	-.1001355 -.0549441
14		-.0763677	.0118588	-6.44	0.000	-.0996106 -.0531249
15		-.0386496	.0118621	-3.26	0.001	-.0618989 -.0154004
16		-.1019831	.0119682	-8.52	0.000	-.1254403 -.0785259
17		-.0663285	.0117365	-5.65	0.000	-.0893316 -.0433254
18		-.0711207	.0122488	-5.81	0.000	-.0951279 -.0471136
19		-.0200133	.0122376	-1.64	0.102	-.0439987 .003972
20		-.0925822	.0123129	-7.52	0.000	-.1167151 -.0684492
21		-.0341247	.012064	-2.83	0.005	-.0577698 -.0104797
22		-.0619777	.0124447	-4.98	0.000	-.0863688 -.0375866
23		-.0191414	.012521	-1.53	0.126	-.0436821 .0053994
24		-.0730858	.0125544	-5.82	0.000	-.0976919 -.0484797
25		-.0496353	.0123246	-4.03	0.000	-.0737911 -.0254794
26		-.027887	.0128604	-2.17	0.030	-.0530929 -.002681

27		.0084233	.0126948	0.66	0.507	-.0164581	.0333046	
28		-.0555454	.0130483	-4.26	0.000	-.0811196	-.0299712	
29		-.0037469	.0125061	-0.30	0.764	-.0282584	.0207647	
30		-.0303596	.0129489	-2.34	0.019	-.0557389	-.0049803	
31		-.017514	.0127325	-1.38	0.169	-.0424693	.0074412	
32		-.0702513	.0126792	-5.54	0.000	-.0951022	-.0454005	
33		-.0322832	.0122486	-2.64	0.008	-.05629	-.0082764	
34		-.0612211	.0124675	-4.91	0.000	-.0856569	-.0367853	
35		-.0485104	.0120852	-4.01	0.000	-.0721969	-.0248238	
36		-.1377702	.0117837	-11.69	0.000	-.1608657	-.1146746	
37		-.113174	.0110221	-10.27	0.000	-.134777	-.0915711	
38		-.1337759	.0110727	-12.08	0.000	-.155478	-.1120738	
39		-.1259617	.0109832	-11.47	0.000	-.1474884	-.1044351	
40		-.1724409	.0109781	-15.71	0.000	-.1939575	-.1509243	
41		-.1322069	.0107637	-12.28	0.000	-.1533033	-.1111106	
42		-.1444901	.0110431	-13.08	0.000	-.1661341	-.1228461	
43		-.1319365	.0110485	-11.94	0.000	-.1535911	-.1102819	
44		-.1634907	.0110635	-14.78	0.000	-.1851748	-.1418067	
45		-.140003	.0109909	-12.74	0.000	-.1615447	-.1184612	
46		-.1435169	.0111857	-12.83	0.000	-.1654404	-.1215934	
47		-.1342263	.0111884	-12.00	0.000	-.1561552	-.1122974	
48		-.159624	.0113108	-14.11	0.000	-.1817928	-.1374553	
49		-.1312074	.0112235	-11.69	0.000	-.153205	-.1092098	
50		-.1367934	.0114932	-11.90	0.000	-.1593197	-.114267	
51		-.1083996	.0113944	-9.51	0.000	-.1307321	-.086067	
52		-.1512758	.011571	-13.07	0.000	-.1739546	-.1285969	
53		-.1255801	.0114425	-10.97	0.000	-.1480069	-.1031532	
54		-.1193274	.0117474	-10.16	0.000	-.1423519	-.0963029	
55		-.0979169	.0117604	-8.33	0.000	-.1209669	-.074867	
56		-.1247508	.0118613	-10.52	0.000	-.1479985	-.1015031	
57		-.1013736	.0117547	-8.62	0.000	-.1244123	-.0783349	
58		-.0986763	.0122784	-8.04	0.000	-.1227416	-.0746111	
59		-.0597002	.0121586	-4.91	0.000	-.0835306	-.0358699	
60		-.1037754	.0124172	-8.36	0.000	-.1281127	-.079438	
61		-.0933133	.0121961	-7.65	0.000	-.1172172	-.0694094	
62		-.0832403	.0126688	-6.57	0.000	-.1080707	-.0584099	
63		-.0490353	.0127373	-3.85	0.000	-.074	-.0240707	
64		-.1039741	.012841	-8.10	0.000	-.129142	-.0788062	
65		-.0820093	.0126178	-6.50	0.000	-.1067397	-.057279	
66		-.0533878	.0130515	-4.09	0.000	-.0789682	-.0278074	
67		-.0427538	.0126643	-3.38	0.001	-.0675753	-.0179323	
68		-.0805959	.0129984	-6.20	0.000	-.1060723	-.0551196	
69		-.0496299	.012782	-3.88	0.000	-.0746822	-.0245776	
70		-.0413126	.0133376	-3.10	0.002	-.0674537	-.0151715	
71		-.0074914	.0131322	-0.57	0.568	-.03323	.0182473	
72		-.0830932	.0138489	-6.00	0.000	-.1102366	-.0559497	
73		-.0551362	.0133627	-4.13	0.000	-.0813267	-.0289458	
74		-.0466028	.0139841	-3.33	0.001	-.0740112	-.0191945	
75		.0032028	.0139192	0.23	0.818	-.0240784	.030484	
76		-.0805008	.0142422	-5.65	0.000	-.108415	-.0525866	
77		-.0353372	.0137714	-2.57	0.010	-.0623286	-.0083457	
78		-.0515025	.0145762	-3.53	0.000	-.0800714	-.0229337	
79		-.0261764	.0143409	-1.83	0.068	-.054284	.0019313	
80		-.0494469	.0170587	-2.90	0.004	-.0828814	-.0160124	
tim#nc								
1	1		.2696974	.0643218	4.19	0.000	.1436289	.3957659
2	1		-.0909944	.0764485	-1.19	0.234	-.2408307	.0588419
3	1		.0277358	.0666392	0.42	0.677	-.1028746	.1583461
4	1		.0526585	.0644222	0.82	0.414	-.0736068	.1789238
5	1		-.0726961	.0561945	-1.29	0.196	-.1828353	.0374431
6	1		.0489698	.0566626	0.86	0.387	-.0620869	.1600265
7	1		-.1385655	.0596417	-2.32	0.020	-.2554611	-.02167

8	1		.0092007	.0475598	0.19	0.847	-.0840148	.1024163
9	1		-.0255088	.0450786	-0.57	0.571	-.1138612	.0628436
10	1		-.0144075	.0480914	-0.30	0.764	-.1086648	.0798499
11	1		-.0351093	.0483875	-0.73	0.468	-.129947	.0597284
12	1		-.0523343	.0503365	-1.04	0.298	-.1509921	.0463234
13	1		-.0837754	.0457931	-1.83	0.067	-.1735283	.0059774
14	1		.0187573	.0517419	0.36	0.717	-.082655	.1201696
15	1		-.0847354	.0524733	-1.61	0.106	-.1875811	.0181103
16	1		.0399608	.0499885	0.80	0.424	-.0580148	.1379365
17	1		-.0620525	.0520835	-1.19	0.233	-.1641342	.0400293
18	1		-.018126	.0614764	-0.29	0.768	-.1386175	.1023654
19	1		.009446	.0546684	0.17	0.863	-.0977022	.1165941
20	1		-.0004939	.0546671	-0.01	0.993	-.1076395	.1066517
21	1		.0353841	.0569317	0.62	0.534	-.0762001	.1469682
22	1		-.0765918	.0580262	-1.32	0.187	-.1903211	.0371374
23	1		-.0737025	.0614908	-1.20	0.231	-.1942222	.0468172
24	1		-.0193496	.0615359	-0.31	0.753	-.1399578	.1012587
25	1		.0137311	.0608839	0.23	0.822	-.105599	.1330613
26	1		.0703236	.06224	1.13	0.259	-.0516646	.1923118
27	1		-.0034624	.0591849	-0.06	0.953	-.1194627	.1125379
28	1		-.0670002	.0636061	-1.05	0.292	-.1916659	.0576654
29	1		.0154148	.068091	0.23	0.821	-.1180412	.1488708
30	1		-.1031556	.0616059	-1.67	0.094	-.2239008	.0175897
31	1		-.024968	.0649773	-0.38	0.701	-.1523211	.102385
32	1		.0606944	.0635157	0.96	0.339	-.0637941	.1851829
33	1		.0107749	.0550687	0.20	0.845	-.0971578	.1187076
34	1		-.1403904	.0555905	-2.53	0.012	-.2493459	-.031435
35	1		-.0234419	.0490559	-0.48	0.633	-.1195896	.0727058
36	1		-.0322643	.0448783	-0.72	0.472	-.120224	.0556955
37	1		-.0063767	.0390211	-0.16	0.870	-.0828567	.0701032
38	1		-.0212256	.042048	-0.50	0.614	-.1036382	.061187
39	1		-.0459911	.0368178	-1.25	0.212	-.1181526	.0261705
40	1		.0072738	.039833	0.18	0.855	-.0707974	.0853451
41	1		-.0016502	.0370402	-0.04	0.964	-.0742477	.0709473
42	1		-.0294405	.0396632	-0.74	0.458	-.107179	.048298
43	1		-.0244892	.0371218	-0.66	0.509	-.0972465	.0482681
44	1		-.0854657	.0437602	-1.95	0.051	-.1712342	.0003028
45	1		.0688079	.0444223	1.55	0.121	-.0182582	.1558741
46	1		-.0318942	.0382977	-0.83	0.405	-.1069563	.043168
47	1		.0134423	.039234	0.34	0.732	-.0634549	.0903395
48	1		.0300468	.0440314	0.68	0.495	-.0562531	.1163467
49	1		-.0717837	.0440198	-1.63	0.103	-.158061	.0144935
50	1		-.0398014	.0471131	-0.84	0.398	-.1321414	.0525386
51	1		-.04847	.0502275	-0.97	0.335	-.1469141	.049974
52	1		-.0722129	.0423913	-1.70	0.088	-.1552982	.0108725
53	1		.0438926	.0427495	1.03	0.305	-.0398949	.12768
54	1		-.0470593	.0451008	-1.04	0.297	-.1354553	.0413366
55	1		-.0452996	.0480634	-0.94	0.346	-.1395021	.0489028
56	1		.0332507	.0496447	0.67	0.503	-.0640512	.1305526
57	1		.0505792	.0509814	0.99	0.321	-.0493425	.1505009
58	1		-.0951337	.0538474	-1.77	0.077	-.2006727	.0104053
59	1		-.0361662	.055979	-0.65	0.518	-.1458831	.0735507
60	1		-.0562175	.0649812	-0.87	0.387	-.1835784	.0711434
61	1		.0164358	.0608333	0.27	0.787	-.1027953	.1356669
62	1		.0604327	.0552132	1.09	0.274	-.0477831	.1686485
63	1		-.0251959	.0515902	-0.49	0.625	-.1263109	.075919
64	1		.059035	.0531137	1.11	0.266	-.0450659	.1631359
65	1		-.0538443	.0556363	-0.97	0.333	-.1628894	.0552008
66	1		-.0435883	.0609967	-0.71	0.475	-.1631396	.0759629
67	1		.0467512	.0575669	0.81	0.417	-.066078	.1595803
68	1		-.0747159	.0581717	-1.28	0.199	-.1887303	.0392985
69	1		-.1168387	.0635512	-1.84	0.066	-.2413968	.0077193
70	1		.0341407	.0691453	0.49	0.621	-.1013816	.1696631

71	1	-.096735	.0576803	-1.68	0.094	-.2097862	.0163162
72	1	-.0833624	.0631233	-1.32	0.187	-.2070818	.0403569
73	1	-.0563639	.0650716	-0.87	0.386	-.1839019	.0711741
74	1	-.1282275	.0667483	-1.92	0.055	-.2590517	.0025968
75	1	-.0956709	.072103	-1.33	0.185	-.2369902	.0456483
76	1	-.0603739	.0731742	-0.83	0.409	-.2037928	.0830449
77	1	-.061922	.067495	-0.92	0.359	-.1942097	.0703657
78	1	-.0389043	.0835205	-0.47	0.641	-.2026015	.1247929
79	1	-.0732594	.082009	-0.89	0.372	-.2339942	.0874753
80	1	.1677257	.0892292	1.88	0.060	-.0071602	.3426117

_cons		.3213436	.0092227	34.84	0.000	.3032674	.3394197

sigma_u		.04486725					
sigma_e		.41995269					
rho		.01128571				(fraction of variance due to u_i)	

```

.
. /*
> xtreg U_to_D i.tim i.tim#nc
> xtreg U_to_No i.tim i.tim#nc
> xtreg U_to_R i.tim i.tim#nc
> */
.
. /* Huber-White robust effors */
.
. reg U_to_N i.tim i.tim#nc , vce(robust)

```

```

Linear regression                               Number of obs   =   238,239
                                                F(159, 238079) =     5.93
                                                Prob > F        =     0.0000
                                                R-squared      =     0.0039
                                                Root MSE     =     .39122

```

U_to_N	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	

tim						
2	.0149537	.0132452	1.13	0.259	-.0110065	.0409139
3	-.0038117	.0129227	-0.29	0.768	-.0291399	.0215164
4	.0050058	.0131375	0.38	0.703	-.0207433	.0307549
5	-.0105063	.0123107	-0.85	0.393	-.0346351	.0136224
6	-.00934	.0123642	-0.76	0.450	-.0335734	.0148935
7	-.0133987	.0116352	-1.15	0.249	-.0362034	.0094059
8	-.0249058	.0113544	-2.19	0.028	-.0471601	-.0026515
9	-.0592968	.0106755	-5.55	0.000	-.0802205	-.0383732
10	-.0162842	.011249	-1.45	0.148	-.0383319	.0057635
11	-.0322176	.0111653	-2.89	0.004	-.0541012	-.010334
12	-.0244099	.0112346	-2.17	0.030	-.0464295	-.0023904
13	-.0351807	.010764	-3.27	0.001	-.0562778	-.0140837
14	-.0314596	.0110791	-2.84	0.005	-.0531744	-.0097449
15	-.0333756	.0110646	-3.02	0.003	-.0550618	-.0116893
16	-.0154433	.011322	-1.36	0.173	-.0376342	.0067475
17	-.031582	.0109728	-2.88	0.004	-.0530883	-.0100756
18	-.0253892	.011479	-2.21	0.027	-.0478878	-.0028906
19	-.0097564	.0116234	-0.84	0.401	-.032538	.0130252
20	-.0042043	.0117465	-0.36	0.720	-.0272271	.0188186
21	-.0347343	.0112246	-3.09	0.002	-.0567342	-.0127344
22	-.001409	.0118986	-0.12	0.906	-.0247299	.0219119
23	-.0067005	.0119183	-0.56	0.574	-.03006	.0166591
24	.0241708	.0122476	1.97	0.048	.0001658	.0481758

25		-.0115569	.0116867	-0.99	0.323	-.0344626	.0113488
26		.0112582	.012429	0.91	0.365	-.0131024	.0356188
27		.0105614	.0122592	0.86	0.389	-.0134663	.034589
28		.0047973	.0125443	0.38	0.702	-.0197893	.0293838
29		-.0185519	.0117809	-1.57	0.115	-.0416422	.0045384
30		.0006863	.0124022	0.06	0.956	-.0236216	.0249942
31		.0063461	.0122536	0.52	0.605	-.0176706	.0303628
32		.0030827	.0121691	0.25	0.800	-.0207683	.0269338
33		-.0207138	.0115253	-1.80	0.072	-.0433031	.0018756
34		-.0175036	.0117572	-1.49	0.137	-.0405474	.0055402
35		-.0203191	.0113829	-1.79	0.074	-.0426293	.0019911
36		-.0207142	.0111083	-1.86	0.062	-.0424862	.0010578
37		-.0630947	.0101427	-6.22	0.000	-.0829743	-.0432152
38		-.0515504	.0102644	-5.02	0.000	-.0716684	-.0314324
39		-.0544617	.0101738	-5.35	0.000	-.0744022	-.0345212
40		-.0493677	.0102044	-4.84	0.000	-.0693679	-.0293674
41		-.0570576	.0099879	-5.71	0.000	-.0766336	-.0374816
42		-.0345795	.0103563	-3.34	0.001	-.0548775	-.0142815
43		-.0365058	.0103482	-3.53	0.000	-.056788	-.0162236
44		-.0283114	.0104147	-2.72	0.007	-.048724	-.0078988
45		-.0346706	.0103115	-3.36	0.001	-.0548809	-.0144603
46		-.0210401	.0105706	-1.99	0.047	-.0417583	-.0003219
47		-.0342661	.0104819	-3.27	0.001	-.0548103	-.013722
48		-.0184427	.0107009	-1.72	0.085	-.0394162	.0025308
49		-.0196741	.0106137	-1.85	0.064	-.0404767	.0011285
50		-.0174534	.0108734	-1.61	0.108	-.038765	.0038581
51		-.0154567	.010798	-1.43	0.152	-.0366205	.0057071
52		-.0078281	.0110177	-0.71	0.477	-.0294225	.0137664
53		-.0164304	.010835	-1.52	0.129	-.0376667	.0048059
54		-.0233243	.0110538	-2.11	0.035	-.0449895	-.0016591
55		-.0124255	.0111569	-1.11	0.265	-.0342927	.0094418
56		-.0000663	.0113526	-0.01	0.995	-.0223171	.0221844
57		-.0192041	.0110948	-1.73	0.083	-.0409497	.0025415
58		.0009464	.0117615	0.08	0.936	-.0221058	.0239985
59		.0026423	.011661	0.23	0.821	-.020213	.0254975
60		.0078705	.0119608	0.66	0.511	-.0155723	.0313133
61		.016773	.01182	1.42	0.156	-.0063938	.0399398
62		.0271795	.0123894	2.19	0.028	.0028966	.0514625
63		.0131203	.0123255	1.06	0.287	-.0110374	.037278
64		.0152783	.0124505	1.23	0.220	-.0091244	.039681
65		.0107294	.0121832	0.88	0.378	-.0131493	.0346081
66		.0053765	.0125522	0.43	0.668	-.0192256	.0299786
67		.0006691	.0121286	0.06	0.956	-.0231026	.0244407
68		.0194315	.0126501	1.54	0.125	-.0053623	.0442253
69		.0096945	.0123344	0.79	0.432	-.0144807	.0338696
70		.0193455	.0129895	1.49	0.136	-.0061136	.0448047
71		.0056371	.0126327	0.45	0.655	-.0191227	.0303969
72		.0248273	.0135692	1.83	0.067	-.001768	.0514226
73		.0131221	.0129451	1.01	0.311	-.0122499	.0384941
74		.0267593	.0137304	1.95	0.051	-.0001519	.0536706
75		.0095145	.0134491	0.71	0.479	-.0168453	.0358743
76		.0328446	.0140703	2.33	0.020	.0052672	.0604221
77		-.0050157	.0131154	-0.38	0.702	-.0307215	.0206901
78		.0315162	.0143967	2.19	0.029	.0032991	.0597333
79		.0120818	.0138981	0.87	0.385	-.0151581	.0393218
80		.003998	.0164113	0.24	0.808	-.0281678	.0361637
tim#nc							
1 1		-.0916142	.0486684	-1.88	0.060	-.1870031	.0037746
2 1		.0701183	.082148	0.85	0.393	-.0908896	.2311261
3 1		-.0063169	.0626269	-0.10	0.920	-.129064	.1164302
4 1		-.0738928	.0526596	-1.40	0.161	-.1771043	.0293187
5 1		.0466351	.0568588	0.82	0.412	-.0648067	.1580768

6	1		-.0555597	.0468304	-1.19	0.235	-.1473462	.0362267
7	1		-.0153813	.0539348	-0.29	0.776	-.121092	.0903295
8	1		-.0075053	.0426287	-0.18	0.860	-.0910565	.0760458
9	1		.0207129	.039753	0.52	0.602	-.0572019	.0986277
10	1		-.0497259	.0395824	-1.26	0.209	-.1273063	.0278546
11	1		.0192747	.0451601	0.43	0.670	-.069238	.1077874
12	1		-.0002851	.0458761	-0.01	0.995	-.0902011	.0896308
13	1		.0253324	.0429685	0.59	0.555	-.0588847	.1095496
14	1		.0026796	.0467275	0.06	0.954	-.0889049	.0942642
15	1		-.0658144	.038497	-1.71	0.087	-.1412674	.0096387
16	1		-.0117251	.0453506	-0.26	0.796	-.100611	.0771609
17	1		.0949881	.0545619	1.74	0.082	-.0119518	.2019279
18	1		-.034028	.0514852	-0.66	0.509	-.1349376	.0668815
19	1		.0012271	.0514729	0.02	0.981	-.0996583	.1021126
20	1		-.004325	.0515008	-0.08	0.933	-.1052652	.0966152
21	1		.0080551	.0516642	0.16	0.876	-.0932053	.1093156
22	1		.0183806	.0571537	0.32	0.748	-.0936391	.1304003
23	1		.0514499	.0630318	0.82	0.414	-.0720908	.1749905
24	1		-.0419214	.0569917	-0.74	0.462	-.1536235	.0697808
25	1		.0307961	.0601165	0.51	0.608	-.0870307	.1486229
26	1		-.0888492	.049473	-1.80	0.073	-.185815	.0081165
27	1		-.0811966	.0481056	-1.69	0.091	-.1754823	.0130891
28	1		.1232855	.0708593	1.74	0.082	-.0155968	.2621678
29	1		-.1097756	.0433908	-2.53	0.011	-.1948205	-.0247308
30	1		-.1017703	.0449587	-2.26	0.024	-.1898882	-.0136523
31	1		-.048806	.0569552	-0.86	0.391	-.1604368	.0628247
32	1		-.075	.051379	-1.46	0.144	-.1757014	.0257014
33	1		.0487965	.0551217	0.89	0.376	-.0592406	.1568336
34	1		.0325919	.0545341	0.60	0.550	-.0742934	.1394773
35	1		-.0270368	.0424542	-0.64	0.524	-.1102459	.0561723
36	1		-.0416793	.0373092	-1.12	0.264	-.1148043	.0314458
37	1		-.0088225	.0314415	-0.28	0.779	-.0704471	.0528021
38	1		-.0469041	.03089	-1.52	0.129	-.1074476	.0136394
39	1		-.0100482	.0303643	-0.33	0.741	-.0695614	.0494651
40	1		-.0080569	.0335018	-0.24	0.810	-.0737195	.0576058
41	1		.0623333	.0356699	1.75	0.081	-.0075788	.1322455
42	1		-.0327401	.032482	-1.01	0.313	-.0964039	.0309237
43	1		-.0183689	.0314712	-0.58	0.559	-.0800517	.043314
44	1		-.0085182	.0388048	-0.22	0.826	-.0845745	.0675382
45	1		-.0618843	.0328964	-1.88	0.060	-.1263604	.0025918
46	1		-.0162105	.0339527	-0.48	0.633	-.0827568	.0503358
47	1		.0222929	.0366483	0.61	0.543	-.0495368	.0941225
48	1		-.0378717	.0372283	-1.02	0.309	-.1108383	.0350949
49	1		.0484661	.0440807	1.10	0.272	-.037931	.1348631
50	1		.0073248	.0442362	0.17	0.868	-.0793769	.0940265
51	1		-.0370161	.0428675	-0.86	0.388	-.1210353	.0470031
52	1		-.020952	.0383305	-0.55	0.585	-.0960786	.0541747
53	1		.0511798	.0431823	1.19	0.236	-.0334563	.1358159
54	1		-.0263707	.0387916	-0.68	0.497	-.1024012	.0496597
55	1		.1236306	.0527875	2.34	0.019	.0201684	.2270927
56	1		.092113	.0536283	1.72	0.086	-.012997	.1972231
57	1		.0139535	.0482952	0.29	0.773	-.0807039	.1086109
58	1		.1747554	.0616946	2.83	0.005	.0538355	.2956753
59	1		.016245	.0553024	0.29	0.769	-.0921462	.1246363
60	1		.1357161	.0731522	1.86	0.064	-.0076604	.2790926
61	1		.0840989	.0663298	1.27	0.205	-.0459058	.2141035
62	1		-.0824301	.0469256	-1.76	0.079	-.1744031	.0095428
63	1		-.0734433	.0432574	-1.70	0.090	-.1582267	.0113401
64	1		-.0512981	.0473445	-1.08	0.279	-.1440922	.0414959
65	1		.123003	.0622167	1.98	0.048	.0010598	.2449462
66	1		.1159035	.0676061	1.71	0.086	-.0166027	.2484097
67	1		.030444	.0579063	0.53	0.599	-.0830508	.1439387
68	1		.0345772	.0603396	0.57	0.567	-.0836868	.1528412

36		.1580229	.0137624	11.48	0.000	.1310489	.1849969
37		.1761132	.0128711	13.68	0.000	.1508863	.2013402
38		.1851465	.0129039	14.35	0.000	.1598552	.2104378
39		.1803762	.0128183	14.07	0.000	.1552528	.2054997
40		.2208974	.0127024	17.39	0.000	.1960009	.2457938
41		.1889506	.0125606	15.04	0.000	.1643321	.2135691
42		.1791428	.0128865	13.90	0.000	.1538856	.2044001
43		.1684285	.012918	13.04	0.000	.1431095	.1937475
44		.1910619	.0128779	14.84	0.000	.1658215	.2163023
45		.1746955	.0128402	13.61	0.000	.1495291	.199862
46		.1643684	.0130792	12.57	0.000	.1387334	.1900033
47		.1683029	.0130729	12.87	0.000	.1426804	.1939254
48		.1774305	.0131838	13.46	0.000	.1515906	.2032704
49		.1505155	.0131529	11.44	0.000	.1247362	.1762949
50		.1545952	.0134468	11.50	0.000	.1282398	.1809506
51		.1235253	.0134013	9.22	0.000	.097259	.1497916
52		.1593406	.0135215	11.78	0.000	.1328389	.1858423
53		.1416385	.0134202	10.55	0.000	.1153352	.1679417
54		.1427223	.0137632	10.37	0.000	.1157469	.1696977
55		.1103481	.0138478	7.97	0.000	.0832068	.1374895
56		.12518	.0139342	8.98	0.000	.0978693	.1524906
57		.1204094	.0138215	8.71	0.000	.0933196	.1474991
58		.0978675	.0144733	6.76	0.000	.0695003	.1262347
59		.0567947	.0143841	3.95	0.000	.0286022	.0849871
60		.095591	.0146402	6.53	0.000	.0668965	.1242855
61		.0763665	.0144093	5.30	0.000	.0481246	.1046084
62		.0557042	.0149876	3.72	0.000	.0263288	.0850795
63		.0351572	.015081	2.33	0.020	.0055988	.0647155
64		.0885714	.0151486	5.85	0.000	.0588805	.1182623
65		.0712274	.0149114	4.78	0.000	.0420014	.1004534
66		.0482724	.0154468	3.13	0.002	.017997	.0785478
67		.0419251	.0149918	2.80	0.005	.0125414	.0713087
68		.0611125	.0153736	3.98	0.000	.0309805	.0912444
69		.0398982	.0151315	2.64	0.008	.0102409	.0695555
70		.0220623	.0157934	1.40	0.162	-.0088923	.0530168
71		.0017246	.0155392	0.11	0.912	-.0287319	.0321811
72		.0579476	.0163821	3.54	0.000	.025839	.0900562
73		.0414523	.0158203	2.62	0.009	.010445	.0724596
74		.0196678	.0165602	1.19	0.235	-.0127897	.0521253
75		-.0134717	.0164541	-0.82	0.413	-.0457213	.0187778
76		.0463329	.0168603	2.75	0.006	.0132871	.0793788
77		.0402908	.0163053	2.47	0.013	.0083328	.0722488
78		.0200539	.0172625	1.16	0.245	-.0137802	.0538879
79		.0139663	.0169808	0.82	0.411	-.0193156	.0472481
80		.0444107	.020197	2.20	0.028	.0048252	.0839962
tim#nc							
1 1		-.1780538	.0696649	-2.56	0.011	-.3145951	-.0415125
2 1		.0201933	.0905691	0.22	0.824	-.1573198	.1977065
3 1		-.0214478	.0778459	-0.28	0.783	-.1740237	.1311281
4 1		.0195934	.0762655	0.26	0.797	-.1298851	.1690718
5 1		.0273305	.0665241	0.41	0.681	-.103055	.1577161
6 1		.0066822	.0671298	0.10	0.921	-.1248904	.1382548
7 1		.1537473	.0684027	2.25	0.025	.0196797	.2878149
8 1		-.0010643	.0558226	-0.02	0.985	-.1104751	.1083465
9 1		.0049454	.0527556	0.09	0.925	-.0984542	.108345
10 1		.0634998	.0553336	1.15	0.251	-.0449526	.1719523
11 1		.0159472	.0568813	0.28	0.779	-.0955387	.127433
12 1		.0527045	.0573197	0.92	0.358	-.0596407	.1650496
13 1		.0577029	.0519931	1.11	0.267	-.0442022	.159608
14 1		-.0227677	.0608605	-0.37	0.708	-.1420527	.0965172
15 1		.1516572	.0572689	2.65	0.008	.0394116	.2639028
16 1		-.0283594	.0587703	-0.48	0.629	-.1435477	.0868288

17	1	-.0342842	.0615268	-0.56	0.577	-.1548752	.0863068
18	1	.0562295	.0705382	0.80	0.425	-.0820235	.1944825
19	1	-.0114671	.0647373	-0.18	0.859	-.1383504	.1154163
20	1	.0035164	.0640584	0.05	0.956	-.1220364	.1290692
21	1	-.0421196	.067466	-0.62	0.532	-.1743511	.090112
22	1	.0559403	.0676122	0.83	0.408	-.0765778	.1884584
23	1	.0218402	.0728254	0.30	0.764	-.1208957	.164576
24	1	.0609209	.0718944	0.85	0.397	-.0799901	.201832
25	1	-.0447386	.0720888	-0.62	0.535	-.1860309	.0965536
26	1	.0207871	.0737096	0.28	0.778	-.1236818	.1652561
27	1	.0854701	.0699172	1.22	0.222	-.0515659	.2225061
28	1	-.0572568	.0751931	-0.76	0.446	-.2046333	.0901198
29	1	.0945513	.0794238	1.19	0.234	-.0611172	.2502198
30	1	.2060142	.0665059	3.10	0.002	.0756644	.336364
31	1	.0743663	.0764679	0.97	0.331	-.0755088	.2242413
32	1	.0147392	.0748085	0.20	0.844	-.1318835	.1613619
33	1	-.0595915	.06513	-0.91	0.360	-.1872447	.0680616
34	1	.1096335	.0624359	1.76	0.079	-.0127392	.2320063
35	1	.0503244	.0571407	0.88	0.378	-.0616699	.1623188
36	1	.0717654	.0486308	1.48	0.140	-.0235496	.1670805
37	1	.0170451	.0435854	0.39	0.696	-.0683811	.1024712
38	1	.0695005	.0443906	1.57	0.117	-.0175039	.1565048
39	1	.0572265	.0395976	1.45	0.148	-.0203838	.1348369
40	1	.0012464	.0434115	0.03	0.977	-.083839	.0863318
41	1	-.0609552	.0429201	-1.42	0.156	-.1450775	.0231671
42	1	.062866	.0424609	1.48	0.139	-.0203562	.1460883
43	1	.0422737	.0409078	1.03	0.301	-.0379046	.122452
44	1	.0933245	.044492	2.10	0.036	.0061213	.1805277
45	1	-.0068995	.0504761	-0.14	0.891	-.1058313	.0920322
46	1	.0501233	.042076	1.19	0.234	-.0323446	.1325912
47	1	-.0367692	.0454015	-0.81	0.418	-.1257549	.0522165
48	1	.0086356	.0494472	0.17	0.861	-.0882795	.1055508
49	1	.0249123	.049791	0.50	0.617	-.0726768	.1225014
50	1	.030433	.0529703	0.57	0.566	-.0733874	.1342535
51	1	.0835219	.0555157	1.50	0.132	-.0252874	.1923311
52	1	.0926413	.0449172	2.06	0.039	.0046047	.1806779
53	1	-.0951468	.0505836	-1.88	0.060	-.1942894	.0039957
54	1	.0726582	.0495307	1.47	0.142	-.0244207	.1697371
55	1	-.0775274	.056911	-1.36	0.173	-.1890715	.0340167
56	1	-.1257153	.0587014	-2.14	0.032	-.2407686	-.0106621
57	1	-.0653463	.0602836	-1.08	0.278	-.1835006	.0528081
58	1	-.0793124	.0637206	-1.24	0.213	-.2042032	.0455784
59	1	.0214211	.0659917	0.32	0.745	-.107921	.1507632
60	1	-.0807273	.0768764	-1.05	0.294	-.2314029	.0699484
61	1	-.1008953	.0716998	-1.41	0.159	-.241425	.0396345
62	1	.0207875	.065064	0.32	0.749	-.1067363	.1483112
63	1	.1000301	.0596878	1.68	0.094	-.0169565	.2170168
64	1	-.0082336	.062566	-0.13	0.895	-.1308614	.1143941
65	1	-.0701595	.0658213	-1.07	0.286	-.1991675	.0588486
66	1	-.0728012	.0719155	-1.01	0.311	-.2137536	.0681513
67	1	-.0790698	.0676795	-1.17	0.243	-.2117197	.0535802
68	1	.0394533	.0681787	0.58	0.563	-.0941752	.1730817
69	1	.0199267	.0751297	0.27	0.791	-.1273254	.1671789
70	1	-.1008338	.080137	-1.26	0.208	-.2579002	.0562327
71	1	.0702216	.0680684	1.03	0.302	-.0631907	.2036339
72	1	-.0749342	.0744756	-1.01	0.314	-.2209044	.071036
73	1	-.0498444	.0769464	-0.65	0.517	-.2006573	.1009686
74	1	.0434092	.0788933	0.55	0.582	-.1112196	.198038
75	1	.0828205	.0851282	0.97	0.331	-.0840284	.2496695
76	1	-.0198413	.0867357	-0.23	0.819	-.1898409	.1501584
77	1	.0112008	.0799084	0.14	0.889	-.1454175	.1678192
78	1	.0064378	.0989988	0.07	0.948	-.1875973	.2004729
79	1	.142155	.0938721	1.51	0.130	-.0418318	.3261419

80 1		-.170093	.100788	-1.69	0.091	-.3676348	.0274488
_cons		.4735084	.0109122	43.39	0.000	.4521207	.494896

. reg U_to_E i.tim i.tim#nc , vce(robust)

Linear regression

Number of obs	=	238,239
F(159, 238079)	=	21.56
Prob > F	=	0.0000
R-squared	=	0.0140
Root MSE	=	.42202

U_to_E	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]
tim					
2	-.005123	.0150641	-0.34	0.734	-.0346481 .0244021
3	.0406848	.0152327	2.67	0.008	.0108291 .0705405
4	-.0346314	.014857	-2.33	0.020	-.0637507 -.005512
5	-.0058961	.0143364	-0.41	0.681	-.0339951 .0222028
6	-.0016975	.0144087	-0.12	0.906	-.0299383 .0265432
7	.0132034	.0136618	0.97	0.334	-.0135734 .0399802
8	-.0705514	.0129987	-5.43	0.000	-.0960285 -.0450743
9	-.0400272	.0127518	-3.14	0.002	-.0650203 -.015034
10	-.0672778	.0128164	-5.25	0.000	-.0923977 -.042158
11	-.0424294	.0130323	-3.26	0.001	-.0679723 -.0168866
12	-.0882661	.0127442	-6.93	0.000	-.1132444 -.0632878
13	-.0775549	.0123976	-6.26	0.000	-.1018537 -.053256
14	-.0766233	.0127217	-6.02	0.000	-.1015574 -.0516891
15	-.0384286	.0129451	-2.97	0.003	-.0638006 -.0130565
16	-.101705	.0126555	-8.04	0.000	-.1265094 -.0769005
17	-.0665073	.0126631	-5.25	0.000	-.0913266 -.041688
18	-.0709674	.0131396	-5.40	0.000	-.0967208 -.0452141
19	-.0200056	.013442	-1.49	0.137	-.0463516 .0063404
20	-.0925415	.0130427	-7.10	0.000	-.1181048 -.0669782
21	-.0338769	.0131817	-2.57	0.010	-.0597126 -.0080412
22	-.061735	.0133988	-4.61	0.000	-.0879963 -.0354737
23	-.0191871	.0137517	-1.40	0.163	-.0461401 .007766
24	-.0730748	.013425	-5.44	0.000	-.0993875 -.0467621
25	-.0494693	.01336	-3.70	0.000	-.0756546 -.023284
26	-.027601	.014063	-1.96	0.050	-.0551642 -.0000378
27	.0091008	.0140978	0.65	0.519	-.0185306 .0367322
28	-.0552123	.0140583	-3.93	0.000	-.0827663 -.0276584
29	-.0035327	.0138222	-0.26	0.798	-.0306239 .0235585
30	-.0299609	.0141408	-2.12	0.034	-.0576765 -.0022453
31	-.0174764	.0139902	-1.25	0.212	-.0448969 .009944
32	-.0703907	.0135684	-5.19	0.000	-.0969845 -.0437969
33	-.0324008	.0133833	-2.42	0.015	-.0586317 -.0061699
34	-.061162	.0134262	-4.56	0.000	-.087477 -.034847
35	-.0482958	.0131208	-3.68	0.000	-.0740123 -.0225794
36	-.1376107	.0122252	-11.26	0.000	-.1615718 -.1136496
37	-.1130185	.0117428	-9.62	0.000	-.1360341 -.0900029
38	-.1338069	.011674	-11.46	0.000	-.1566876 -.1109263
39	-.1259145	.0116431	-10.81	0.000	-.1487346 -.1030944
40	-.1719279	.0113778	-15.11	0.000	-.194228 -.1496278
41	-.1320659	.011432	-11.55	0.000	-.1544723 -.1096595
42	-.1445633	.0115887	-12.47	0.000	-.1672769 -.1218498
43	-.1319227	.0116647	-11.31	0.000	-.1547852 -.1090602
44	-.1633794	.0114908	-14.22	0.000	-.185901 -.1408578
45	-.1400249	.0115735	-12.10	0.000	-.1627086 -.1173412
46	-.1435532	.0117062	-12.26	0.000	-.1664971 -.1206094

47		-.134262	.0117651	-11.41	0.000	-.1573213	-.1112027
48		-.1594693	.0116968	-13.63	0.000	-.1823946	-.1365439
49		-.1313008	.0118115	-11.12	0.000	-.1544509	-.1081506
50		-.1371417	.0119937	-11.43	0.000	-.1606492	-.1136343
51		-.10832	.0120957	-8.96	0.000	-.1320272	-.0846128
52		-.1515125	.0119505	-12.68	0.000	-.1749352	-.1280898
53		-.1254657	.0120306	-10.43	0.000	-.1490453	-.1018861
54		-.119398	.0123317	-9.68	0.000	-.1435678	-.0952282
55		-.0979227	.0124915	-7.84	0.000	-.1224056	-.0734397
56		-.1251136	.0123863	-10.10	0.000	-.1493904	-.1008368
57		-.1015034	.012462	-8.15	0.000	-.1259287	-.0770782
58		-.0988139	.012961	-7.62	0.000	-.1242172	-.0734106
59		-.0597893	.0131238	-4.56	0.000	-.0855116	-.0340671
60		-.1038497	.0130475	-7.96	0.000	-.1294226	-.0782769
61		-.0931395	.0129283	-7.20	0.000	-.1184787	-.0678004
62		-.0833071	.0134524	-6.19	0.000	-.1096734	-.0569408
63		-.049144	.0137848	-3.57	0.000	-.0761619	-.0221261
64		-.1038497	.0134335	-7.73	0.000	-.130179	-.0775205
65		-.0819568	.0134145	-6.11	0.000	-.108249	-.0556647
66		-.0536489	.0140723	-3.81	0.000	-.0812303	-.0260675
67		-.0430169	.013752	-3.13	0.002	-.0699705	-.0160634
68		-.0805439	.0137947	-5.84	0.000	-.1075811	-.0535067
69		-.0495927	.0138267	-3.59	0.000	-.0766926	-.0224928
70		-.0414078	.014465	-2.86	0.004	-.0697588	-.0130568
71		-.0073617	.0144858	-0.51	0.611	-.0357536	.0210302
72		-.0833741	.0145891	-5.71	0.000	-.1119683	-.0547798
73		-.0550993	.0143786	-3.83	0.000	-.0832809	-.0269177
74		-.0464272	.0150951	-3.08	0.002	-.0760131	-.0168412
75		.0033471	.0154272	0.22	0.828	-.0268897	.033584
76		-.0805003	.015004	-5.37	0.000	-.1099077	-.0510929
77		-.0352751	.0149709	-2.36	0.018	-.0646178	-.0059324
78		-.0515701	.0156564	-3.29	0.001	-.0822562	-.020884
79		-.0260481	.0156559	-1.66	0.096	-.0567332	.004637
80		-.0495647	.0182497	-2.72	0.007	-.0853337	-.0137958
tim#nc							
1		.269668	.0748454	3.60	0.000	.1229731	.416363
2		-.0903116	.0759332	-1.19	0.234	-.2391387	.0585155
3		.0283181	.0770424	0.37	0.713	-.1226831	.1793192
4		.0542994	.0722953	0.75	0.453	-.0873975	.1959963
5		-.0739656	.0571022	-1.30	0.195	-.1858845	.0379533
6		.0488775	.0647181	0.76	0.450	-.0779683	.1757234
7		-.138366	.0563506	-2.46	0.014	-.2488117	-.0279203
8		.0085696	.0493693	0.17	0.862	-.0881928	.1053321
9		-.0256583	.0466233	-0.55	0.582	-.1170388	.0657222
10		-.0134569	.0487222	-0.28	0.782	-.1089512	.0820374
11		-.0352219	.04929	-0.71	0.475	-.131829	.0613853
12		-.0524194	.0459846	-1.14	0.254	-.1425479	.0377092
13		-.0827666	.0400325	-2.07	0.039	-.1612292	-.0043041
14		.0200881	.0540548	0.37	0.710	-.0858579	.1260341
15		-.0858428	.0496144	-1.73	0.084	-.1830858	.0114002
16		.0407379	.0519153	0.78	0.433	-.0610148	.1424906
17		-.0607039	.0489064	-1.24	0.215	-.1565592	.0351514
18		-.021107	.0612468	-0.34	0.730	-.1411491	.0989351
19		.0102399	.0599551	0.17	0.864	-.1072705	.1277504
20		.0008086	.0544686	0.01	0.988	-.1059484	.1075657
21		.0340644	.0629848	0.54	0.589	-.0893841	.157513
22		-.0743209	.0535868	-1.39	0.165	-.1793496	.0307079
23		-.0728873	.061381	-1.19	0.235	-.1931925	.0474179
24		-.0189996	.0613086	-0.31	0.757	-.1391629	.1011637
25		.0139425	.0651312	0.21	0.830	-.1137129	.1415979
26		.0680621	.0707752	0.96	0.336	-.0706555	.2067796
27		-.0034188	.0657956	-0.05	0.959	-.1323766	.1255389


```

> xtprobit U_to_E i.tim i.tim#nc
> */
. /* Survey weights */
. svyset [iw=wtfintl]

```

```

    iweight: wtfintl
      VCE: linearized
Single unit: missing
  Strata 1: <one>
    SU 1: <observations>
    FPC 1: <zero>

```

```
. summarize U_to_N
```

Variable	Obs	Mean	Std. Dev.	Min	Max
U_to_N	238,239	.1894358	.3918552	0	1

```
. summarize U_to_N [weight=wtfintl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
U_to_N	238,239	582354047	.1917086	.3936458	0	1

```
. summarize U_to_E
```

Variable	Obs	Mean	Std. Dev.	Min	Max
U_to_E	238,239	.2363971	.4248697	0	1

```
. summarize U_to_E [weight=wtfintl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
U_to_E	238,239	582354047	.230827	.4213628	0	1

```
. summarize U_to_U
```

Variable	Obs	Mean	Std. Dev.	Min	Max
U_to_U	238,239	.5739656	.4944999	0	1

```
. summarize U_to_U [weight=wtfintl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
U_to_U	238,239	582354047	.5772296	.4940006	0	1

```
. svy:regress U_to_N i.tim i.tim#nc
(running regress on estimation sample)
```

Survey: Linear regression

Number of strata	=	1	Number of obs	=	238,239
Number of PSUs	=	238,239	Population size	=	582,354,047
			Design df	=	238,238
			F(159, 238080)	=	4.96
			Prob > F	=	0.0000
			R-squared	=	0.0044

U_to_N	Linearized		t	P> t	[95% Conf. Interval]	
	Coef.	Std. Err.				
tim						
2	.0170062	.01479	1.15	0.250	-.0119818	.0459942
3	-.0101455	.0142039	-0.71	0.475	-.0379848	.0176937
4	.0072115	.0146262	0.49	0.622	-.0214555	.0358784
5	-.0036344	.0137849	-0.26	0.792	-.0306525	.0233838
6	-.0060974	.0139891	-0.44	0.663	-.0335156	.0213209
7	-.0034353	.013296	-0.26	0.796	-.0294951	.0226245
8	-.0270981	.0126954	-2.13	0.033	-.0519807	-.0022154
9	-.0525907	.0121056	-4.34	0.000	-.0763173	-.0288641
10	-.0142819	.0127041	-1.12	0.261	-.0391817	.0106179
11	-.0354842	.012484	-2.84	0.004	-.0599526	-.0110158
12	-.0127846	.0128108	-1.00	0.318	-.0378934	.0123242
13	-.0313224	.0121771	-2.57	0.010	-.0551892	-.0074556
14	-.0345307	.0124416	-2.78	0.006	-.058916	-.0101454
15	-.030684	.0124607	-2.46	0.014	-.0551067	-.0062614
16	-.0208133	.0126705	-1.64	0.100	-.0456471	.0040204
17	-.0282799	.0124445	-2.27	0.023	-.0526708	-.003889
18	-.0240822	.0130162	-1.85	0.064	-.0495936	.0014292
19	-.0029229	.013346	-0.22	0.827	-.0290808	.023235
20	-.0053281	.0132525	-0.40	0.688	-.0313027	.0206464
21	-.0290263	.0127183	-2.28	0.022	-.0539538	-.0040988
22	.0022317	.0133735	0.17	0.867	-.0239801	.0284435
23	-.0035881	.0134487	-0.27	0.790	-.0299472	.0227709
24	.0290939	.0137525	2.12	0.034	.0021392	.0560485
25	-.0060753	.0131401	-0.46	0.644	-.0318296	.019679
26	.021539	.0141205	1.53	0.127	-.0061368	.0492148
27	.01806	.0138681	1.30	0.193	-.0091212	.0452412
28	-.0062183	.0138735	-0.45	0.654	-.0334101	.0209734
29	-.0124829	.0133489	-0.94	0.350	-.0386463	.0136806
30	.0074568	.0140189	0.53	0.595	-.0200199	.0349334
31	.0131191	.0137808	0.95	0.341	-.013891	.0401291
32	.0019031	.0135782	0.14	0.889	-.0247098	.028516
33	-.0169753	.0130084	-1.30	0.192	-.0424714	.0085208
34	-.0159335	.0131887	-1.21	0.227	-.041783	.009916
35	-.0212513	.0126965	-1.67	0.094	-.0461361	.0036335
36	-.0209416	.0124044	-1.69	0.091	-.0452539	.0033707
37	-.060376	.0113182	-5.33	0.000	-.0825594	-.0381927
38	-.0488069	.0114835	-4.25	0.000	-.0713142	-.0262995
39	-.0521336	.0113491	-4.59	0.000	-.0743775	-.0298897
40	-.0514813	.0113248	-4.55	0.000	-.0736776	-.0292849
41	-.056063	.0111076	-5.05	0.000	-.0778336	-.0342923
42	-.0355912	.0115104	-3.09	0.002	-.0581513	-.013031
43	-.0346343	.0115555	-3.00	0.003	-.0572827	-.0119859
44	-.0256144	.0116115	-2.21	0.027	-.0483727	-.0028561
45	-.0324857	.0115217	-2.82	0.005	-.055068	-.0099034
46	-.024542	.0117181	-2.09	0.036	-.0475093	-.0015748
47	-.0382912	.0116161	-3.30	0.001	-.0610585	-.0155238
48	-.0217132	.0119229	-1.82	0.069	-.0450818	.0016554
49	-.0160329	.0118785	-1.35	0.177	-.0393145	.0072487
50	-.0147608	.0121675	-1.21	0.225	-.0386087	.0090872
51	-.0104167	.0120741	-0.86	0.388	-.0340816	.0132483
52	-.0089352	.0122814	-0.73	0.467	-.0330064	.015136
53	-.0107359	.0121447	-0.88	0.377	-.0345392	.0130675
54	-.0213772	.0123458	-1.73	0.083	-.0455747	.0028202
55	-.0105532	.0124527	-0.85	0.397	-.0349601	.0138537
56	.0036092	.0126829	0.28	0.776	-.0212489	.0284673
57	-.013063	.0125183	-1.04	0.297	-.0375984	.0114725
58	.0039851	.0131786	0.30	0.762	-.0218446	.0298147

59		.0027068	.0130452	0.21	0.836	-.0228615	.0282751
60		.0159116	.0134934	1.18	0.238	-.0105352	.0423583
61		.0198837	.0132597	1.50	0.134	-.006105	.0458724
62		.0337873	.0140688	2.40	0.016	.0062128	.0613617
63		.0101592	.0136942	0.74	0.458	-.0166811	.0369995
64		.0113014	.0138756	0.81	0.415	-.0158944	.0384971
65		.0146567	.0137445	1.07	0.286	-.0122821	.0415955
66		.012852	.0142226	0.90	0.366	-.0150239	.040728
67		-.0026877	.0135723	-0.20	0.843	-.0292891	.0239137
68		.0196955	.0141986	1.39	0.165	-.0081333	.0475243
69		.0120393	.0139268	0.86	0.387	-.0152568	.0393355
70		.0150752	.014476	1.04	0.298	-.0132974	.0434477
71		.0023348	.0140728	0.17	0.868	-.0252475	.0299172
72		.0171708	.0151734	1.13	0.258	-.0125685	.0469102
73		.0126346	.014609	0.86	0.387	-.0159986	.0412678
74		.0242348	.0153275	1.58	0.114	-.0058066	.0542763
75		.0085439	.0150349	0.57	0.570	-.020924	.0380118
76		.0413848	.0160194	2.58	0.010	.0099871	.0727825
77		.0004044	.0149206	0.03	0.978	-.0288395	.0296483
78		.0311096	.0162094	1.92	0.055	-.0006605	.0628797
79		.0147608	.0157504	0.94	0.349	-.0161095	.0456311
80		.0085666	.0188219	0.46	0.649	-.0283239	.0454571
tim#nc							
1		-.0787219	.055313	-1.42	0.155	-.187134	.0296902
2		.0623843	.0824427	0.76	0.449	-.0992012	.2239698
3		.0090675	.0657655	0.14	0.890	-.1198311	.1379662
4		-.0733871	.0543475	-1.35	0.177	-.1799068	.0331327
5		.0325217	.0565053	0.58	0.565	-.0782272	.1432706
6		-.0588882	.04717	-1.25	0.212	-.1513402	.0335638
7		-.020341	.0563861	-0.36	0.718	-.1308563	.0901742
8		-.0158533	.0410361	-0.39	0.699	-.096283	.0645764
9		.0147882	.0405194	0.36	0.715	-.0646289	.0942052
10		-.055338	.039409	-1.40	0.160	-.1325787	.0219026
11		.0240284	.0459428	0.52	0.601	-.0660183	.1140752
12		-.003381	.0480635	-0.07	0.944	-.0975841	.0908221
13		.0355937	.0458073	0.78	0.437	-.0541875	.1253749
14		.0209135	.0511182	0.41	0.682	-.0792768	.1211038
15		-.0718609	.0378292	-1.90	0.057	-.1460051	.0022832
16		-.0086891	.0454567	-0.19	0.848	-.097783	.0804048
17		.094861	.0554633	1.71	0.087	-.0138457	.2035677
18		-.0589617	.0481018	-1.23	0.220	-.15324	.0353166
19		-.0137171	.0515749	-0.27	0.790	-.1148026	.0873684
20		.0019761	.0538551	0.04	0.971	-.1035784	.1075306
21		-.0112598	.0493701	-0.23	0.820	-.1080238	.0855043
22		.0156115	.0581547	0.27	0.788	-.0983702	.1295932
23		.0538598	.0648781	0.83	0.406	-.0732995	.1810191
24		-.0330395	.0612871	-0.54	0.590	-.1531606	.0870817
25		.0305499	.0614487	0.50	0.619	-.0898878	.1509877
26		-.0885995	.0542065	-1.63	0.102	-.194843	.0176439
27		-.0821312	.0504506	-1.63	0.104	-.1810131	.0167507
28		.1425534	.0731845	1.95	0.051	-.0008862	.285993
29		-.11355	.0449325	-2.53	0.012	-.2016164	-.0254835
30		-.1041268	.046878	-2.22	0.026	-.1960063	-.0122472
31		-.0477839	.0596592	-0.80	0.423	-.1647144	.0691466
32		-.0696975	.0545771	-1.28	0.202	-.1766671	.0372722
33		.0538415	.0579963	0.93	0.353	-.0598297	.1675127
34		.0434907	.0588349	0.74	0.460	-.0718242	.1588056
35		-.0136236	.0460729	-0.30	0.767	-.1039253	.0766781
36		-.0410503	.0377874	-1.09	0.277	-.1151125	.0330119
37		-.0129085	.0322578	-0.40	0.689	-.0761329	.0503159
38		-.0507844	.0310153	-1.64	0.102	-.1115735	.0100047
39		-.0226702	.0289604	-0.78	0.434	-.0794317	.0340914

3		.0436434	.0170033	2.57	0.010	.0103175	.0769694
4		-.0356773	.0165651	-2.15	0.031	-.0681443	-.0032102
5		.0003498	.0160646	0.02	0.983	-.0311364	.031836
6		-.0022786	.0162794	-0.14	0.889	-.0341859	.0296286
7		.0047256	.015376	0.31	0.759	-.025411	.0348621
8		-.0770343	.0145409	-5.30	0.000	-.105534	-.0485346
9		-.0434031	.0143583	-3.02	0.003	-.0715451	-.0152612
10		-.0787189	.014297	-5.51	0.000	-.1067406	-.0506973
11		-.0463398	.0146054	-3.17	0.002	-.074966	-.0177135
12		-.0965668	.0142619	-6.77	0.000	-.1245197	-.0686139
13		-.0807711	.0140282	-5.76	0.000	-.1082661	-.0532762
14		-.0831375	.0143575	-5.79	0.000	-.1112777	-.0549972
15		-.0447887	.0145573	-3.08	0.002	-.0733205	-.0162568
16		-.1077442	.0142178	-7.58	0.000	-.1356108	-.0798776
17		-.072455	.0143034	-5.07	0.000	-.1004893	-.0444207
18		-.0644132	.0150027	-4.29	0.000	-.0938181	-.0350084
19		-.026419	.0151801	-1.74	0.082	-.0561716	.0033337
20		-.0912474	.0148448	-6.15	0.000	-.1203428	-.0621521
21		-.0387469	.0148888	-2.60	0.009	-.0679285	-.0095653
22		-.0703537	.0149776	-4.70	0.000	-.0997094	-.0409979
23		-.0224453	.0154739	-1.45	0.147	-.0527739	.0078832
24		-.0782709	.0150447	-5.20	0.000	-.1077581	-.0487837
25		-.0537914	.0149349	-3.60	0.000	-.0830634	-.0245194
26		-.0470809	.0156177	-3.01	0.003	-.0776911	-.0164706
27		.0008221	.0157311	0.05	0.958	-.0300104	.0316547
28		-.0577466	.0157678	-3.66	0.000	-.088651	-.0268422
29		-.0015941	.0155856	-0.10	0.919	-.0321416	.0289533
30		-.0405394	.0157306	-2.58	0.010	-.0713709	-.0097078
31		-.0240667	.0156386	-1.54	0.124	-.054718	.0065845
32		-.0755077	.0151741	-4.98	0.000	-.1052486	-.0457668
33		-.0317816	.015123	-2.10	0.036	-.0614223	-.0021409
34		-.0728318	.0149195	-4.88	0.000	-.1020737	-.0435899
35		-.0528126	.0146684	-3.60	0.000	-.0815622	-.0240631
36		-.1388027	.0136691	-10.15	0.000	-.1655938	-.1120115
37		-.1199121	.0130903	-9.16	0.000	-.1455687	-.0942555
38		-.1423809	.0130023	-10.95	0.000	-.1678651	-.1168967
39		-.1355503	.0129693	-10.45	0.000	-.1609698	-.1101307
40		-.1700528	.0127591	-13.33	0.000	-.1950604	-.1450453
41		-.1376402	.012741	-10.80	0.000	-.1626123	-.1126681
42		-.1490068	.0129434	-11.51	0.000	-.1743756	-.1236381
43		-.140176	.0129851	-10.80	0.000	-.1656264	-.1147255
44		-.1621271	.0128807	-12.59	0.000	-.187373	-.1368812
45		-.147879	.0128882	-11.47	0.000	-.1731395	-.1226184
46		-.1492598	.0130576	-11.43	0.000	-.1748524	-.1236672
47		-.1407115	.0131106	-10.73	0.000	-.1664079	-.1150151
48		-.1591903	.0131224	-12.13	0.000	-.1849099	-.1334707
49		-.1349165	.0131852	-10.23	0.000	-.1607593	-.1090738
50		-.1396031	.0134041	-10.41	0.000	-.1658747	-.1133315
51		-.1140529	.0135115	-8.44	0.000	-.1405351	-.0875708
52		-.1540697	.0133419	-11.55	0.000	-.1802194	-.12792
53		-.1302919	.0134299	-9.70	0.000	-.1566141	-.1039697
54		-.1296281	.0136618	-9.49	0.000	-.1564049	-.1028512
55		-.1109934	.0138245	-8.03	0.000	-.1380891	-.0838977
56		-.1327673	.0137689	-9.64	0.000	-.159754	-.1057807
57		-.1056364	.0139398	-7.58	0.000	-.1329581	-.0783147
58		-.10789	.0144396	-7.47	0.000	-.1361912	-.0795888
59		-.0634469	.0147197	-4.31	0.000	-.0922971	-.0345967
60		-.1018933	.014658	-6.95	0.000	-.1306225	-.0731641
61		-.0855397	.014655	-5.84	0.000	-.1142632	-.0568163
62		-.0933799	.0150051	-6.22	0.000	-.1227896	-.0639703
63		-.0532667	.0154066	-3.46	0.001	-.0834633	-.0230702
64		-.1077268	.0150712	-7.15	0.000	-.1372659	-.0781876
65		-.0866829	.0151025	-5.74	0.000	-.1162834	-.0570824

66		-.0591784	.0158113	-3.74	0.000	-.0901682	-.0281886	
67		-.0447099	.0154221	-2.90	0.004	-.0749368	-.014483	
68		-.086213	.0154286	-5.59	0.000	-.1164526	-.0559733	
69		-.0496211	.0156654	-3.17	0.002	-.0803249	-.0189173	
70		-.0430619	.0163035	-2.64	0.008	-.0750163	-.0111075	
71		-.0120213	.0163138	-0.74	0.461	-.0439959	.0199534	
72		-.0803952	.0164677	-4.88	0.000	-.1126715	-.0481189	
73		-.0432403	.0164984	-2.62	0.009	-.0755768	-.0109038	
74		-.049933	.016987	-2.94	0.003	-.083227	-.0166391	
75		.0083908	.0174705	0.48	0.631	-.025851	.0426326	
76		-.0783057	.017015	-4.60	0.000	-.1116547	-.0449567	
77		-.0481554	.0168236	-2.86	0.004	-.0811292	-.0151816	
78		-.0590655	.0174931	-3.38	0.001	-.0933515	-.0247795	
79		-.0350432	.0175585	-2.00	0.046	-.0694574	-.000629	
80		-.0648919	.0201821	-3.22	0.001	-.1044484	-.0253355	
tim#nc								
1	1		.2637908	.0771396	3.42	0.001	.1125992	.4149824
2	1		-.0773034	.0788756	-0.98	0.327	-.2318974	.0772907
3	1		.0224843	.077849	0.29	0.773	-.1300978	.1750664
4	1		.053091	.073739	0.72	0.472	-.0914354	.1976175
5	1		-.0930099	.0561027	-1.66	0.097	-.2029699	.01695
6	1		.0499465	.065527	0.76	0.446	-.0784847	.1783778
7	1		-.1430996	.0543635	-2.63	0.008	-.2496506	-.0365487
8	1		.0181874	.0507391	0.36	0.720	-.0812598	.1176346
9	1		-.0238348	.0471775	-0.51	0.613	-.1163015	.0686318
10	1		.0048574	.0502929	0.10	0.923	-.0937154	.1034302
11	1		-.0091775	.0535237	-0.17	0.864	-.1140825	.0957275
12	1		-.0455807	.0463224	-0.98	0.325	-.1363714	.0452101
13	1		-.088166	.0390663	-2.26	0.024	-.164735	-.011597
14	1		.015396	.0541084	0.28	0.776	-.0906551	.121447
15	1		-.0681667	.0524393	-1.30	0.194	-.1709463	.0346129
16	1		.0456979	.0526839	0.87	0.386	-.0575612	.148957
17	1		-.0550296	.0495704	-1.11	0.267	-.1521862	.0421271
18	1		.0034135	.0749486	0.05	0.964	-.1434839	.1503109
19	1		.0206845	.0621609	0.33	0.739	-.1011492	.1425183
20	1		-.003919	.0568899	-0.07	0.945	-.1154216	.1075837
21	1		.0288304	.0632205	0.46	0.648	-.0950801	.152741
22	1		-.0645918	.0545132	-1.18	0.236	-.1714361	.0422526
23	1		-.0648702	.0644694	-1.01	0.314	-.1912285	.0614882
24	1		-.0222753	.0612898	-0.36	0.716	-.1424017	.0978511
25	1		.0158823	.0661847	0.24	0.810	-.1138379	.1456024
26	1		.0727481	.0710769	1.02	0.306	-.0665608	.212057
27	1		-.0070449	.0655077	-0.11	0.914	-.1354383	.1213486
28	1		-.0689446	.0603183	-1.14	0.253	-.1871668	.0492776
29	1		.0438771	.0805869	0.54	0.586	-.1140712	.2018253
30	1		-.0932146	.0576372	-1.62	0.106	-.206182	.0197527
31	1		-.0261345	.0688445	-0.38	0.704	-.161068	.108799
32	1		.0706718	.0712277	0.99	0.321	-.0689326	.2102763
33	1		.0056145	.0603575	0.09	0.926	-.1126847	.1239137
34	1		-.1252603	.0447142	-2.80	0.005	-.212899	-.0376217
35	1		-.0228866	.0505016	-0.45	0.650	-.1218684	.0760953
36	1		-.0290602	.038878	-0.75	0.455	-.1052601	.0471397
37	1		.0013454	.0382931	0.04	0.972	-.0737082	.0763989
38	1		-.0061429	.0388343	-0.16	0.874	-.0822572	.0699714
39	1		-.0437006	.0305975	-1.43	0.153	-.1036709	.0162697
40	1		.0109475	.0358103	0.31	0.760	-.0592397	.0811347
41	1		.0078445	.035119	0.22	0.823	-.0609879	.0766769
42	1		-.021212	.0347662	-0.61	0.542	-.0893528	.0469288
43	1		-.0145561	.0334742	-0.43	0.664	-.0801646	.0510524
44	1		-.0916736	.025913	-3.54	0.000	-.1424624	-.0408847
45	1		.0844792	.047051	1.80	0.073	-.0077396	.176698
46	1		-.0302957	.0321748	-0.94	0.346	-.0933576	.0327661

47	1		.0270607	.0383368	0.71	0.480	-.0480784	.1021997
48	1		.0323732	.0423189	0.76	0.444	-.0505708	.1153172
49	1		-.058922	.0365963	-1.61	0.107	-.1306498	.0128058
50	1		-.0363928	.0397309	-0.92	0.360	-.1142642	.0414787
51	1		-.0285168	.0478792	-0.60	0.551	-.1223588	.0653253
52	1		-.062843	.0322466	-1.95	0.051	-.1260455	.0003595
53	1		.0508459	.0441999	1.15	0.250	-.0357848	.1374766
54	1		-.03528	.039873	-0.88	0.376	-.1134299	.04287
55	1		-.0504861	.0407158	-1.24	0.215	-.130288	.0293158
56	1		.0251257	.0474629	0.53	0.597	-.0679003	.1181516
57	1		.0515569	.0545966	0.94	0.345	-.0554511	.1585648
58	1		-.0973006	.0400959	-2.43	0.015	-.1758875	-.0187137
59	1		-.0471967	.0538902	-0.88	0.381	-.15282	.0584266
60	1		-.0673975	.0551526	-1.22	0.222	-.1754952	.0407002
61	1		-.0132274	.0611594	-0.22	0.829	-.1330983	.1066436
62	1		.0600018	.0598115	1.00	0.316	-.0572272	.1772308
63	1		-.0189704	.0535106	-0.35	0.723	-.1238498	.0859091
64	1		.06232	.0570631	1.09	0.275	-.0495221	.1741621
65	1		-.0519238	.0531997	-0.98	0.329	-.1561937	.0523462
66	1		-.0643764	.0558893	-1.15	0.249	-.173918	.0451651
67	1		.0397034	.0636066	0.62	0.532	-.0849639	.1643706
68	1		-.0672276	.0527079	-1.28	0.202	-.1705337	.0360784
69	1		-.1075974	.0589991	-1.82	0.068	-.223234	.0080392
70	1		.0403049	.0800429	0.50	0.615	-.1165772	.1971869
71	1		-.0744273	.0614003	-1.21	0.225	-.1947703	.0459158
72	1		-.1084911	.0487518	-2.23	0.026	-.2040433	-.012939
73	1		-.0435083	.0708647	-0.61	0.539	-.1824012	.0953846
74	1		-.118682	.0590487	-2.01	0.044	-.2344159	-.0029481
75	1		-.1117979	.0705622	-1.58	0.113	-.250098	.0265022
76	1		-.0803075	.0632597	-1.27	0.204	-.2042948	.0436798
77	1		-.0285066	.0730429	-0.39	0.696	-.1716687	.1146555
78	1		-.0352366	.0848022	-0.42	0.678	-.2014466	.1309735
79	1		-.0947035	.0736857	-1.29	0.199	-.2391256	.0497186
80	1		.2064924	.108737	1.90	0.058	-.0066293	.4196142
_cons			.321063	.0114326	28.08	0.000	.2986554	.3434706

 . svy:regress U_to_U i.tim i.tim#nc
 (running regress on estimation sample)

Survey: Linear regression

Number of strata	=	1	Number of obs	=	238,239
Number of PSUs	=	238,239	Population size	=	582,354,047
			Design df	=	238,238
			F(159, 238080)	=	21.49
			Prob > F	=	0.0000
			R-squared	=	0.0176

		Linearized				
U_to_U		Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
tim						
2		-.0060765	.018097	-0.34	0.737	-.0415462 .0293932
3		-.034232	.0178132	-1.92	0.055	-.0691455 .0006814
4		.0284658	.0180415	1.58	0.115	-.0068951 .0638266
5		.0032845	.0171471	0.19	0.848	-.0303232 .0368923
6		.008376	.017427	0.48	0.631	-.0257805 .0425325
7		-.0012903	.0164231	-0.08	0.937	-.0334791 .0308986
8		.1041324	.0160318	6.50	0.000	.0727105 .1355542
9		.0959938	.0155744	6.16	0.000	.0654683 .1265193

10		.0928355	.0158227	5.87	0.000	.0618234	.1238476
11		.081824	.0158983	5.15	0.000	.0506637	.1129843
12		.1093514	.0159061	6.87	0.000	.0781759	.140527
13		.1117081	.0154069	7.25	0.000	.0815111	.1419052
14		.1176682	.015804	7.45	0.000	.0866926	.1486437
15		.0754727	.015821	4.77	0.000	.044464	.1064813
16		.1278491	.0158911	8.05	0.000	.096703	.1589953
17		.1007348	.0156931	6.42	0.000	.0699768	.1314928
18		.0870792	.0164329	5.30	0.000	.0548711	.1192873
19		.0293418	.0164495	1.78	0.074	-.0028987	.0615824
20		.0965756	.016505	5.85	0.000	.0642262	.1289249
21		.0677732	.0161857	4.19	0.000	.0360496	.0994968
22		.068122	.0165673	4.11	0.000	.0356505	.1005934
23		.0259743	.0167065	1.55	0.120	-.00677	.0587186
24		.0491771	.0166838	2.95	0.003	.0164772	.0818769
25		.0598667	.0163572	3.66	0.000	.027807	.0919264
26		.0255419	.0171681	1.49	0.137	-.0081072	.0591909
27		-.0196185	.0168823	-1.16	0.245	-.0527072	.0134703
28		.0639649	.0173374	3.69	0.000	.029984	.0979459
29		.013512	.016667	0.81	0.418	-.0191549	.0461789
30		.0322935	.0172282	1.87	0.061	-.0014732	.0660602
31		.0099708	.0169016	0.59	0.555	-.023156	.0430975
32		.0736046	.01684	4.37	0.000	.0405986	.1066105
33		.0484402	.016366	2.96	0.003	.0163634	.0805171
34		.087468	.0164979	5.30	0.000	.0551326	.1198034
35		.0736059	.016024	4.59	0.000	.0421994	.1050125
36		.1596069	.0154363	10.34	0.000	.1293521	.1898617
37		.1802881	.0143961	12.52	0.000	.1520721	.2085042
38		.1910475	.014446	13.22	0.000	.1627336	.2193614
39		.1876839	.0143345	13.09	0.000	.1595886	.2157792
40		.2212953	.014213	15.57	0.000	.1934381	.2491525
41		.193485	.0140253	13.80	0.000	.1659958	.2209742
42		.184598	.0143999	12.82	0.000	.1563746	.2128214
43		.1748103	.014445	12.10	0.000	.1464985	.2031221
44		.1872137	.0144295	12.97	0.000	.1589322	.2154952
45		.1803647	.0143639	12.56	0.000	.1522119	.2085175
46		.1734097	.0146031	11.87	0.000	.144788	.2020313
47		.178101	.0146026	12.20	0.000	.1494802	.2067217
48		.1800764	.0147889	12.18	0.000	.1510907	.2090622
49		.1505299	.0147383	10.21	0.000	.1216432	.1794166
50		.1543639	.0150759	10.24	0.000	.1248155	.1839122
51		.124131	.0150097	8.27	0.000	.0947124	.1535495
52		.1630049	.0151314	10.77	0.000	.1333478	.1926619
53		.1406081	.0150391	9.35	0.000	.1111132	.1700843
54		.1510053	.0153623	9.83	0.000	.1208955	.1811151
55		.1215466	.0154607	7.86	0.000	.0912439	.1518492
56		.1291581	.0155675	8.30	0.000	.0986462	.1596701
57		.11833	.0155299	7.62	0.000	.0878919	.1487681
58		.103905	.0162511	6.39	0.000	.0720533	.1357566
59		.0605398	.0161637	3.75	0.000	.0288593	.0922202
60		.085241	.016464	5.18	0.000	.0529719	.1175101
61		.065656	.0162234	4.05	0.000	.0338585	.0974536
62		.0590684	.0168938	3.50	0.000	.025957	.0921798
63		.0424499	.0169129	2.51	0.012	.009301	.0755988
64		.0964254	.0170333	5.66	0.000	.0630406	.1298102
65		.0720262	.0168456	4.28	0.000	.0390093	.1050431
66		.0463264	.0173953	2.66	0.008	.012232	.0804207
67		.0468733	.0168684	2.78	0.005	.0138117	.079935
68		.0665175	.0173045	3.84	0.000	.0326011	.1004339
69		.0375817	.0171386	2.19	0.028	.0039906	.0711729
70		.0279867	.0178145	1.57	0.116	-.0069292	.0629027
71		.0096864	.0175198	0.55	0.580	-.0246519	.0440247
72		.0629072	.0184779	3.40	0.001	.026691	.0991235

73		.0299119	.0179522	1.67	0.096	-.005274	.0650977
74		.0256982	.0186411	1.38	0.168	-.0108377	.0622342
75		-.0177999	.0185133	-0.96	0.336	-.0540855	.0184858
76		.0355567	.0190463	1.87	0.062	-.0017734	.0728869
77		.047751	.0184794	2.58	0.010	.0115319	.0839701
78		.0279559	.0195408	1.43	0.153	-.0103436	.0662554
79		.0202824	.0192067	1.06	0.291	-.0173622	.0579271
80		.0558014	.0228582	2.44	0.015	.0109999	.100603
tim#nc							
1	1	-.1850689	.0702381	-2.63	0.008	-.3227337	-.0474041
2	1	.0149191	.0920736	0.16	0.871	-.1655428	.1953809
3	1	-.0308177	.0785818	-0.39	0.695	-.184836	.1232006
4	1	.020296	.0783775	0.26	0.796	-.1333219	.1739139
5	1	.0604882	.0676715	0.89	0.371	-.0721461	.1931225
6	1	.0089417	.0679105	0.13	0.895	-.1241611	.1420445
7	1	.1634407	.0692063	2.36	0.018	.0277981	.2990833
8	1	-.0023341	.0566832	-0.04	0.967	-.1134316	.1087635
9	1	.0090466	.0536617	0.17	0.866	-.0961289	.1142222
10	1	.050646	.0563468	0.90	0.369	-.0597924	.1610843
11	1	-.014851	.0586525	-0.25	0.800	-.1298084	.1001065
12	1	.0489617	.0586755	0.83	0.404	-.0660408	.1639641
13	1	.0529577	.0532212	1.00	0.320	-.0513544	.1572697
14	1	-.0363095	.062694	-0.58	0.562	-.1591881	.0865691
15	1	.1400277	.0589551	2.38	0.018	.0244772	.2555782
16	1	-.0363004	.0596149	-0.61	0.543	-.1531441	.0805433
17	1	-.0398315	.0624219	-0.64	0.523	-.1621768	.0825139
18	1	.0569645	.0782691	0.73	0.467	-.0964409	.21037
19	1	-.0069674	.0665524	-0.10	0.917	-.1374084	.1234736
20	1	.0019428	.0672279	0.03	0.977	-.129822	.1337077
21	1	-.0175707	.0692586	-0.25	0.800	-.1533157	.1181744
22	1	.0489803	.0688003	0.71	0.477	-.0858665	.1838271
23	1	.0110695	.0744561	0.15	0.882	-.1348625	.1570016
24	1	.0553148	.0742201	0.75	0.456	-.0901546	.2007842
25	1	-.0464322	.0729575	-0.64	0.524	-.189427	.0965626
26	1	.0158515	.0754489	0.21	0.834	-.1320263	.1637293
27	1	.0899124	.0707754	1.27	0.204	-.0488055	.2286304
28	1	-.0736088	.0770746	-0.96	0.340	-.224673	.0774553
29	1	.0702379	.0822682	0.85	0.393	-.0910056	.2314814
30	1	.1981305	.0676691	2.93	0.003	.0655008	.3307601
31	1	.0748953	.07751	0.97	0.334	-.0770223	.2268129
32	1	-.0009744	.0764383	-0.01	0.990	-.1507914	.1488427
33	1	-.0591393	.066234	-0.89	0.372	-.1889561	.0706776
34	1	.083067	.0654621	1.27	0.204	-.045237	.211371
35	1	.0369682	.0585724	0.63	0.528	-.0778321	.1517685
36	1	.0702479	.0492711	1.43	0.154	-.0263221	.1668179
37	1	.0115631	.0448314	0.26	0.796	-.0763053	.0994316
38	1	.0570676	.0456484	1.25	0.211	-.032402	.1465372
39	1	.0663708	.0388963	1.71	0.088	-.009865	.1426066
40	1	.0041809	.0437718	0.10	0.924	-.0816107	.0899725
41	1	-.071248	.0436223	-1.63	0.102	-.1567466	.0142506
42	1	.0522597	.0435348	1.20	0.230	-.0330673	.1375867
43	1	.0441633	.0409367	1.08	0.281	-.0360716	.1243981
44	1	.1026173	.044485	2.31	0.021	.0154277	.1898068
45	1	-.0178561	.0515267	-0.35	0.729	-.1188472	.0831349
46	1	.0461783	.0423343	1.09	0.275	-.0367958	.1291524
47	1	-.0511639	.0460285	-1.11	0.266	-.1413786	.0390507
48	1	.00297	.0506083	0.06	0.953	-.0962209	.102161
49	1	.0180465	.0508239	0.36	0.723	-.0815671	.11766
50	1	.0232221	.0541678	0.43	0.668	-.0829454	.1293896
51	1	.0858141	.0562715	1.53	0.127	-.0244765	.1961048
52	1	.0801037	.0465887	1.72	0.086	-.011209	.1714164
53	1	-.0881879	.0513747	-1.72	0.086	-.188881	.0125052

54	1		.0618564	.0505865	1.22	0.221	-.0372918	.1610046
55	1		-.0859309	.0582195	-1.48	0.140	-.2000396	.0281779
56	1		-.1204043	.0598449	-2.01	0.044	-.2376989	-.0031098
57	1		-.047733	.0618515	-0.77	0.440	-.1689603	.0734944
58	1		-.0841777	.0662161	-1.27	0.204	-.2139596	.0456041
59	1		.0235018	.067132	0.35	0.726	-.1080751	.1550787
60	1		-.0851048	.0790029	-1.08	0.281	-.2399484	.0697388
61	1		-.0759429	.0758262	-1.00	0.317	-.2245603	.0726745
62	1		.050285	.0661748	0.76	0.447	-.0794159	.1799859
63	1		.0974858	.0599981	1.62	0.104	-.020109	.2150806
64	1		-.0093478	.0638636	-0.15	0.884	-.1345188	.1158232
65	1		-.0619698	.069147	-0.90	0.370	-.1974962	.0735566
66	1		-.0373415	.0739597	-0.50	0.614	-.1823007	.1076177
67	1		-.0762056	.0691728	-1.10	0.271	-.2117826	.0593713
68	1		.0396618	.0695855	0.57	0.569	-.0967239	.1760476
69	1		.0057413	.0776146	0.07	0.941	-.1463812	.1578638
70	1		-.1243627	.0829327	-1.50	0.134	-.2869087	.0381832
71	1		.0574142	.0701427	0.82	0.413	-.0800637	.1948921
72	1		-.0735648	.0761029	-0.97	0.334	-.2227244	.0755948
73	1		-.0480446	.0812681	-0.59	0.554	-.2073279	.1112387
74	1		.0504916	.080045	0.63	0.528	-.1063945	.2073776
75	1		.1045893	.0859964	1.22	0.224	-.0639614	.27314
76	1		.003179	.0899605	0.04	0.972	-.1731412	.1794992
77	1		.0008957	.0828577	0.01	0.991	-.1615032	.1632945
78	1		.0148335	.1012137	0.15	0.883	-.1835428	.2132097
79	1		.1482543	.0950116	1.56	0.119	-.0379659	.3344746
80	1		-.17637	.1043446	-1.69	0.091	-.3808827	.0281426
_cons			.473998	.0122243	38.78	0.000	.4500387	.4979573

```

.
.
.
.
. /* This is the non-employed block */
.
. use cps_ipums_work, clear

. keep if nilf0 == 1
(5,080,886 observations deleted)

.
. /*
> generate D0 = empstat0==32
> generate R0 = empstat0==36
> generate No0 = empstat0==34
> generate D1 = empstat1==32
> generate R1= empstat1==36
> generate No1= empstat1==34
> */
.
. generate N_to_U = unempl==1

. generate N_to_E = empl==1

. generate N_to_N = nilf1 == 1

.
. /*
> generate D_to_D = (D0==1 & D1==1)
> generate D_to_No = (D0==1 & No1==1)
> generate D_to_R = (D0==1 & R1 == 1)

```

```

> generate R_to_R = (R0==1 & R1 == 1)
> generate No_to_D = (No0==1 & D1==1)
> generate No_to_No = (No0==1 & No1==1)
> */
. /* three-period definition */
. /*
> generate N_to_U = (unemp1==1 & unemp2==1)
> generate N_to_E = (emp1==1 & emp2==1)
> generate N_to_N = (nilf1 == 1 | (unemp1 ==1 & nilf2 == 1) | (emp1 == 1 & nilf2
==1)) */
.
.
. /* do separately for nc=0 and for nc=1 */
. /*
> lpoly N_to_U tim, at(tim) generate(pntou) se(sntou) ci
> lpoly N_to_E tim, at(tim) generate(pntoe) se(sntoe) ci
> lpoly N_to_N tim, at(tim) generate(pnton) se(snton) ci
> */
. /* GLS, random effects by household */
.
. sort serial

. xtset serial
      panel variable:  serial (unbalanced)

. xtreg N_to_N i.tim i.tim#nc

```

```

Random-effects GLS regression           Number of obs   = 1,023,999
Group variable: serial                  Number of groups =    73,790

R-sq:                                   Obs per group:
      within = 0.0007                    min =           1
      between = 0.0005                   avg =          13.9
      overall = 0.0007                    max =           39

corr(u_i, X) = 0 (assumed)              Wald chi2(159)  =    690.64
                                           Prob > chi2     =    0.0000

```

N_to_N	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
tim						
2	.0036362	.004208	0.86	0.388	-.0046113	.0118836
3	-.0097656	.0041845	-2.33	0.020	-.017967	-.0015641
4	.0038782	.0042204	0.92	0.358	-.0043937	.01215
5	-.0015753	.0042472	-0.37	0.711	-.0098997	.0067491
6	-.0039134	.0041555	-0.94	0.346	-.0120581	.0042313
7	-.0192515	.0040371	-4.77	0.000	-.027164	-.0113389
8	.0051233	.0040531	1.26	0.206	-.0028206	.0130672
9	.0018346	.0040614	0.45	0.651	-.0061257	.0097948
10	-.0035918	.0040537	-0.89	0.376	-.0115369	.0043533
11	-.009066	.0040244	-2.25	0.024	-.0169538	-.0011782
12	.0048333	.004029	1.20	0.230	-.0030634	.0127301
13	.0035671	.0040252	0.89	0.376	-.0043222	.0114564
14	.0001935	.0040485	0.05	0.962	-.0077413	.0081284
15	-.012221	.004029	-3.03	0.002	-.0201176	-.0043244
16	.0061877	.0040386	1.53	0.125	-.0017279	.0141032
17	.0062041	.0040366	1.54	0.124	-.0017075	.0141157
18	.0045293	.0040521	1.12	0.264	-.0034127	.0124713
19	-.0091615	.0040563	-2.26	0.024	-.0171117	-.0012112
20	.0074757	.0040502	1.85	0.065	-.0004626	.015414
21	.005609	.004053	1.38	0.166	-.0023347	.0135528
22	.0052092	.0040756	1.28	0.201	-.0027789	.0131973

23		-.0084174	.0040667	-2.07	0.038	-.0163879	-.0004469
24		.0061859	.0040808	1.52	0.130	-.0018122	.014184
25		.0007323	.0040657	0.18	0.857	-.0072364	.008701
26		-.0041898	.0040926	-1.02	0.306	-.0122111	.0038315
27		-.0121567	.004083	-2.98	0.003	-.0201592	-.0041543
28		.0040423	.0041102	0.98	0.325	-.0040135	.0120981
29		.0038781	.0040991	0.95	0.344	-.004156	.0119123
30		.0150448	.0040996	3.67	0.000	.0070098	.0230799
31		-.0017349	.0041034	-0.42	0.672	-.0097774	.0063076
32		.0128739	.0041373	3.11	0.002	.0047651	.0209828
33		.0069259	.0041167	1.68	0.092	-.0011427	.0149945
34		.0100671	.0041188	2.44	0.015	.0019944	.0181398
35		-.0090547	.0041161	-2.20	0.028	-.0171221	-.0009873
36		.0035953	.0041358	0.87	0.385	-.0045108	.0117013
37		-.0042498	.0040916	-1.04	0.299	-.0122691	.0037695
38		.0001906	.004087	0.05	0.963	-.0078199	.008201
39		-.0151933	.0040843	-3.72	0.000	-.0231984	-.0071882
40		-.0030275	.004085	-0.74	0.459	-.0110339	.0049789
41		-.0088649	.0040818	-2.17	0.030	-.0168651	-.0008647
42		.0011808	.0040625	0.29	0.771	-.0067816	.0091432
43		-.0113489	.0040724	-2.79	0.005	-.0193307	-.0033672
44		-.0037141	.0040904	-0.91	0.364	-.0117311	.0043029
45		-.0035753	.0040768	-0.88	0.380	-.0115657	.0044151
46		-.0060654	.004054	-1.50	0.135	-.0140111	.0018802
47		-.0053028	.004064	-1.30	0.192	-.013268	.0026624
48		.0012768	.0040772	0.31	0.754	-.0067144	.0092679
49		.0014927	.0040889	0.37	0.715	-.0065215	.0095068
50		-.0019052	.0040766	-0.47	0.640	-.0098951	.0060848
51		-.0061445	.0040829	-1.50	0.132	-.0141469	.0018578
52		.0084954	.0040731	2.09	0.037	.0005122	.0164786
53		.0084649	.0040788	2.08	0.038	.0004705	.0164593
54		.0052063	.0040924	1.27	0.203	-.0028147	.0132273
55		-.0024455	.0040769	-0.60	0.549	-.0104361	.005545
56		.0095678	.004068	2.35	0.019	.0015946	.017541
57		.0070416	.0040865	1.72	0.085	-.0009678	.0150511
58		.0104137	.0040862	2.55	0.011	.0024049	.0184224
59		.0039509	.0040618	0.97	0.331	-.0040101	.011912
60		.0127734	.0040545	3.15	0.002	.0048267	.0207202
61		.0082341	.0040828	2.02	0.044	.0002319	.0162362
62		.0103991	.0041078	2.53	0.011	.0023479	.0184502
63		-.0033859	.0040815	-0.83	0.407	-.0113856	.0046137
64		.0100918	.0040923	2.47	0.014	.002071	.0181126
65		.0111159	.0041149	2.70	0.007	.0030508	.019181
66		.011857	.0041214	2.88	0.004	.0037791	.0199349
67		.0001909	.0041059	0.05	0.963	-.0078565	.0082382
68		.0087033	.004122	2.11	0.035	.0006243	.0167823
69		.007472	.0041395	1.81	0.071	-.0006412	.0155853
70		.0122826	.0041758	2.94	0.003	.0040982	.0204671
71		-.0004018	.0041649	-0.10	0.923	-.0085648	.0077612
72		.0119041	.0041732	2.85	0.004	.0037247	.0200834
73		.0113058	.0042121	2.68	0.007	.0030502	.0195614
74		.0174572	.0042325	4.12	0.000	.0091617	.0257528
75		.0037295	.004222	0.88	0.377	-.0045455	.0120044
76		.0124459	.0042789	2.91	0.004	.0040595	.0208324
77		.0062358	.0043101	1.45	0.148	-.0022119	.0146834
78		.015239	.0043006	3.54	0.000	.0068099	.0236681
79		-.0038704	.0043203	-0.90	0.370	-.0123381	.0045972
80		.0104094	.0049148	2.12	0.034	.0007765	.0200423
tim#nc							
1 1		.0111005	.018512	0.60	0.549	-.0251824	.0473833
2 1		-.0059175	.0190446	-0.31	0.756	-.0432442	.0314091
3 1		.0371394	.0185642	2.00	0.045	.0007542	.0735246

4	1		.0243989	.0191805	1.27	0.203	-.0131942	.0619919
5	1		.0220925	.019605	1.13	0.260	-.0163326	.0605176
6	1		.011832	.0196912	0.60	0.548	-.026762	.050426
7	1		.01602	.0176527	0.91	0.364	-.0185786	.0506186
8	1		-.0159594	.0194187	-0.82	0.411	-.0540193	.0221006
9	1		-.0187646	.0190486	-0.99	0.325	-.0560992	.01857
10	1		.0025155	.0178742	0.14	0.888	-.0325173	.0375484
11	1		.011544	.0171501	0.67	0.501	-.0220695	.0451575
12	1		-.0074852	.0187166	-0.40	0.689	-.044169	.0291986
13	1		-.0226182	.0182309	-1.24	0.215	-.05835	.0131137
14	1		.002897	.0171087	0.17	0.866	-.0306354	.0364294
15	1		.0419409	.0175724	2.39	0.017	.0074997	.0763821
16	1		-.0016199	.0193498	-0.08	0.933	-.0395447	.0363049
17	1		.0205637	.0182674	1.13	0.260	-.0152397	.0563671
18	1		.0118849	.0177645	0.67	0.503	-.022933	.0467027
19	1		.0513982	.0175267	2.93	0.003	.0170464	.0857499
20	1		.0231772	.0197028	1.18	0.239	-.0154396	.061794
21	1		-.0047821	.0193512	-0.25	0.805	-.0427098	.0331456
22	1		.0123436	.0185121	0.67	0.505	-.0239394	.0486266
23	1		.0189467	.0185643	1.02	0.307	-.0174387	.0553321
24	1		.029978	.0191158	1.57	0.117	-.0074883	.0674442
25	1		.0133875	.0202092	0.66	0.508	-.0262217	.0529968
26	1		-.038347	.019788	-1.94	0.053	-.0771308	.0004368
27	1		.032776	.019604	1.67	0.095	-.0056472	.0711992
28	1		.0346569	.0192215	1.80	0.071	-.0030165	.0723303
29	1		-.0017249	.0202263	-0.09	0.932	-.0413678	.037918
30	1		-.041778	.0208895	-2.00	0.046	-.0827206	-.0008354
31	1		.0122488	.0190894	0.64	0.521	-.0251659	.0496634
32	1		.0165608	.0194775	0.85	0.395	-.0216144	.054736
33	1		.0053542	.0196509	0.27	0.785	-.0331609	.0438692
34	1		-.0121614	.0187059	-0.65	0.516	-.0488243	.0245015
35	1		.0049807	.0188961	0.26	0.792	-.0320549	.0420164
36	1		.0119439	.0200688	0.60	0.552	-.0273902	.0512779
37	1		.0201694	.0196072	1.03	0.304	-.0182601	.0585988
38	1		-.0228915	.0191866	-1.19	0.233	-.0604965	.0147135
39	1		-.002673	.0190835	-0.14	0.889	-.040076	.0347299
40	1		.0038538	.0189871	0.20	0.839	-.0333602	.0410677
41	1		.0409361	.0191474	2.14	0.033	.0034079	.0784644
42	1		-.0116731	.019895	-0.59	0.557	-.0506666	.0273205
43	1		.0244761	.0192154	1.27	0.203	-.0131855	.0621377
44	1		.0214949	.0188278	1.14	0.254	-.015407	.0583967
45	1		.0116575	.020056	0.58	0.561	-.0276514	.0509665
46	1		.009339	.0194271	0.48	0.631	-.0287375	.0474155
47	1		-.0090755	.0193929	-0.47	0.640	-.0470849	.0289338
48	1		-.0203662	.0203348	-1.00	0.317	-.0602217	.0194893
49	1		.0028697	.0196853	0.15	0.884	-.0357127	.0414522
50	1		.029586	.0188623	1.57	0.117	-.0073834	.0665555
51	1		-.0314045	.0199458	-1.57	0.115	-.0704975	.0076886
52	1		-.0015118	.0198652	-0.08	0.939	-.0404469	.0374232
53	1		-.0190929	.0185466	-1.03	0.303	-.0554436	.0172578
54	1		.002624	.0190608	0.14	0.891	-.0347345	.0399825
55	1		-.0333437	.020339	-1.64	0.101	-.0732075	.0065201
56	1		.0077265	.0195397	0.40	0.693	-.0305705	.0460235
57	1		.0035826	.019429	0.18	0.854	-.0344975	.0416627
58	1		-.0117331	.0186397	-0.63	0.529	-.0482662	.0248
59	1		-.0035145	.0185125	-0.19	0.849	-.0397984	.0327693
60	1		-.0264069	.0185426	-1.42	0.154	-.0627498	.009936
61	1		-.0275145	.0189907	-1.45	0.147	-.0647356	.0097065
62	1		-.0018822	.0179145	-0.11	0.916	-.036994	.0332295
63	1		-.0050476	.0169362	-0.30	0.766	-.0382418	.0281467
64	1		.0128399	.0179698	0.71	0.475	-.0223803	.04806
65	1		-.0070188	.0190587	-0.37	0.713	-.0443732	.0303356
66	1		.0219074	.018198	1.20	0.229	-.0137599	.0575747

26		-.0007814	.0025524	-0.31	0.759	-.005784	.0042212
27		-.0019145	.0025464	-0.75	0.452	-.0069053	.0030763
28		-.0038077	.0025633	-1.49	0.137	-.0088317	.0012162
29		-.0004652	.0025564	-0.18	0.856	-.0054756	.0045452
30		-.0057397	.0025567	-2.24	0.025	-.0107507	-.0007287
31		-.0019691	.0025591	-0.77	0.442	-.0069849	.0030466
32		-.0038029	.0025802	-1.47	0.141	-.0088599	.0012542
33		.0015523	.0025673	0.60	0.545	-.0034795	.0065841
34		.002037	.0025686	0.79	0.428	-.0029974	.0070715
35		.0067562	.002567	2.63	0.008	.001725	.0117875
36		.0108254	.0025793	4.20	0.000	.00577	.0158808
37		.0174999	.0025517	6.86	0.000	.0124987	.022501
38		.0170807	.0025487	6.70	0.000	.0120852	.0220761
39		.0212148	.0025472	8.33	0.000	.0162225	.0262072
40		.0192284	.0025475	7.55	0.000	.0142354	.0242215
41		.0250852	.0025455	9.85	0.000	.0200961	.0300743
42		.0211903	.0025335	8.36	0.000	.0162247	.026156
43		.0217252	.0025397	8.55	0.000	.0167474	.026703
44		.0222776	.0025509	8.73	0.000	.017278	.0272772
45		.0174395	.0025424	6.86	0.000	.0124565	.0224226
46		.0211821	.0025281	8.38	0.000	.016227	.0261371
47		.0175426	.0025343	6.92	0.000	.0125753	.0225098
48		.0178417	.0025426	7.02	0.000	.0128583	.0228251
49		.0158612	.0025499	6.22	0.000	.0108634	.020859
50		.0170376	.0025422	6.70	0.000	.012055	.0220203
51		.0156079	.0025461	6.13	0.000	.0106176	.0205983
52		.0126948	.0025401	5.00	0.000	.0077163	.0176732
53		.0096742	.0025437	3.80	0.000	.0046886	.0146597
54		.0104061	.0025521	4.08	0.000	.0054041	.015408
55		.009032	.0025424	3.55	0.000	.0040491	.014015
56		.0057088	.0025369	2.25	0.024	.0007366	.010681
57		.0087142	.0025484	3.42	0.001	.0037195	.0137088
58		.0040256	.0025481	1.58	0.114	-.0009686	.0090199
59		.0053566	.002533	2.11	0.034	.000392	.0103212
60		.0017194	.0025285	0.68	0.496	-.0032362	.0066751
61		.0035751	.0025461	1.40	0.160	-.0014151	.0085652
62		-.0008693	.0025616	-0.34	0.734	-.0058901	.0041514
63		.0021252	.0025452	0.83	0.404	-.0028634	.0071137
64		-.0022168	.002552	-0.87	0.385	-.0072186	.002785
65		-.0021331	.0025661	-0.83	0.406	-.0071626	.0028963
66		-.0027154	.0025701	-1.06	0.291	-.0077527	.0023219
67		.0019186	.0025604	0.75	0.454	-.0030997	.0069368
68		-.0030197	.0025704	-1.17	0.240	-.0080577	.0020183
69		-.0019351	.0025813	-0.75	0.453	-.0069944	.0031241
70		-.0045945	.002604	-1.76	0.078	-.0096983	.0005093
71		-.0037515	.0025972	-1.44	0.149	-.008842	.0013389
72		-.0080773	.0026024	-3.10	0.002	-.0131779	-.0029766
73		-.0047908	.0026267	-1.82	0.068	-.0099389	.0003574
74		-.0079576	.0026394	-3.01	0.003	-.0131308	-.0027844
75		-.0043133	.0026329	-1.64	0.101	-.0094736	.0008471
76		-.0048369	.0026684	-1.81	0.070	-.0100669	.0003931
77		-.0051042	.0026878	-1.90	0.058	-.0103722	.0001639
78		-.0073825	.0026819	-2.75	0.006	-.0126389	-.0021261
79		-.0038467	.0026942	-1.43	0.153	-.0091271	.0014338
80		-.0073039	.0030649	-2.38	0.017	-.013311	-.0012968
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1	1	.0039881	.0115437	0.35	0.730	-.018637	.0266133
2	1	-.005252	.0118753	-0.44	0.658	-.0285272	.0180232
3	1	-.0164639	.0115757	-1.42	0.155	-.0391519	.0062241
4	1	-.0068023	.0119601	-0.57	0.570	-.0302438	.0166391
5	1	.004817	.0122241	0.39	0.694	-.0191418	.0287759
6	1	-.0016915	.0122798	-0.14	0.890	-.0257595	.0223765

7	1		.0110976	.011008	1.01	0.313	-.0104777	.0326729
8	1		.0145614	.0121096	1.20	0.229	-.0091729	.0382957
9	1		.0182474	.0118761	1.54	0.124	-.0050293	.0415242
10	1		-.0046681	.0111439	-0.42	0.675	-.0265097	.0171735
11	1		.0051115	.0106929	0.48	0.633	-.0158461	.0260691
12	1		.0155101	.0116702	1.33	0.184	-.0073631	.0383833
13	1		.0004872	.011368	0.04	0.966	-.0217937	.0227681
14	1		-.005433	.0106665	-0.51	0.611	-.0263391	.015473
15	1		-.0177141	.010958	-1.62	0.106	-.0391914	.0037632
16	1		-.0067253	.0120639	-0.56	0.577	-.0303702	.0169196
17	1		-.0085254	.0113877	-0.75	0.454	-.030845	.0137942
18	1		-.0139088	.0110763	-1.26	0.209	-.0356179	.0078003
19	1		-.0157316	.0109298	-1.44	0.150	-.0371535	.0056904
20	1		.0051837	.0122891	0.42	0.673	-.0189024	.0292698
21	1		-.0103537	.0120658	-0.86	0.391	-.0340023	.0132949
22	1		-.001255	.0115416	-0.11	0.913	-.0238761	.0213661
23	1		-.000827	.0115784	-0.07	0.943	-.0235203	.0218663
24	1		-.0148174	.0119203	-1.24	0.214	-.0381807	.0085459
25	1		-.0126358	.0126017	-1.00	0.316	-.0373347	.012063
26	1		.0146358	.0123408	1.19	0.236	-.0095517	.0388232
27	1		-.0002689	.0122249	-0.02	0.982	-.0242292	.0236914
28	1		.0002708	.0119874	0.02	0.982	-.0232241	.0237657
29	1		-.0115841	.0126059	-0.92	0.358	-.0362911	.013123
30	1		.0253881	.0130235	1.95	0.051	-.0001375	.0509136
31	1		-.0056051	.0119024	-0.47	0.638	-.0289334	.0177233
32	1		.0011144	.0121426	0.09	0.927	-.0226847	.0249136
33	1		-.003607	.0122519	-0.29	0.768	-.0276203	.0204063
34	1		.0131872	.0116628	1.13	0.258	-.0096715	.0360459
35	1		-.0079369	.0117814	-0.67	0.501	-.031028	.0151542
36	1		.0083649	.0125125	0.67	0.504	-.0161591	.0328889
37	1		-.0008154	.012226	-0.07	0.947	-.0247778	.0231471
38	1		.022586	.0119631	1.89	0.059	-.0008613	.0460332
39	1		-.0109319	.0118999	-0.92	0.358	-.0342552	.0123914
40	1		.001163	.0118381	0.10	0.922	-.0220392	.0243652
41	1		-.0252596	.0119413	-2.12	0.034	-.0486642	-.001855
42	1		.0088119	.0124073	0.71	0.478	-.0155059	.0331297
43	1		-.0107695	.0119824	-0.90	0.369	-.0342545	.0127156
44	1		.0075489	.0117378	0.64	0.520	-.0154567	.0305546
45	1		.0057033	.0125049	0.46	0.648	-.0188059	.0302125
46	1		.0315612	.0121096	2.61	0.009	.0078267	.0552956
47	1		.0127325	.012089	1.05	0.292	-.0109616	.0364265
48	1		.0069883	.0126783	0.55	0.581	-.0178607	.0318372
49	1		-.0025772	.0122711	-0.21	0.834	-.0266281	.0214737
50	1		-.0183401	.0117559	-1.56	0.119	-.0413813	.0047011
51	1		.0224652	.0124336	1.81	0.071	-.0019042	.0468346
52	1		.020927	.012385	1.69	0.091	-.0033472	.0452012
53	1		.0080522	.011561	0.70	0.486	-.0146069	.0307114
54	1		-.0002884	.0118802	-0.02	0.981	-.0235731	.0229964
55	1		-.0207875	.0126782	-1.64	0.101	-.0456363	.0040614
56	1		.0030894	.012178	0.25	0.800	-.020779	.0269577
57	1		.0106957	.0121139	0.88	0.377	-.013047	.0344385
58	1		.0142505	.0116195	1.23	0.220	-.0085233	.0370243
59	1		-.0146566	.0115397	-1.27	0.204	-.037274	.0079607
60	1		.0126399	.0115576	1.09	0.274	-.0100126	.0352925
61	1		-.004385	.0118377	-0.37	0.711	-.0275866	.0188165
62	1		-.0007936	.0111686	-0.07	0.943	-.0226836	.0210965
63	1		-.0159245	.0105547	-1.51	0.131	-.0366113	.0047623
64	1		.003926	.0112007	0.35	0.726	-.0180269	.025879
65	1		-.0055428	.0118832	-0.47	0.641	-.0288334	.0177479
66	1		-.0075403	.0113454	-0.66	0.506	-.0297768	.0146962
67	1		-.0013975	.011508	-0.12	0.903	-.0239529	.0211578
68	1		.0367153	.0112395	3.27	0.001	.0146862	.0587444
69	1		-.00409	.0109579	-0.37	0.709	-.0255671	.017387

29		-.0032895	.0033421	-0.98	0.325	-.00984	.003261
30		-.0094283	.0033425	-2.82	0.005	-.0159795	-.0028771
31		.0035235	.0033455	1.05	0.292	-.0030336	.0100807
32		-.0088226	.0033732	-2.62	0.009	-.0154339	-.0022113
33		-.0083726	.0033565	-2.49	0.013	-.0149512	-.0017939
34		-.0117789	.0033582	-3.51	0.000	-.0183608	-.005197
35		.0023901	.0033559	0.71	0.476	-.0041874	.0089675
36		-.014218	.003372	-4.22	0.000	-.020827	-.0076089
37		-.013159	.003336	-3.94	0.000	-.0196973	-.0066206
38		-.0170488	.0033324	-5.12	0.000	-.0235801	-.0105175
39		-.0059297	.00333	-1.78	0.075	-.0124564	.000597
40		-.0159993	.0033306	-4.80	0.000	-.0225271	-.0094714
41		-.0157852	.0033281	-4.74	0.000	-.0223081	-.0092624
42		-.0222156	.0033123	-6.71	0.000	-.0287076	-.0157236
43		-.0102437	.0033203	-3.09	0.002	-.0167514	-.003736
44		-.0187033	.0033351	-5.61	0.000	-.0252399	-.0121667
45		-.013432	.003324	-4.04	0.000	-.0199469	-.0069171
46		-.0149283	.0033054	-4.52	0.000	-.0214067	-.0084498
47		-.0123601	.0033135	-3.73	0.000	-.0188544	-.0058657
48		-.0189503	.0033243	-5.70	0.000	-.0254659	-.0124348
49		-.0170523	.0033339	-5.11	0.000	-.0235867	-.010518
50		-.0150469	.0033238	-4.53	0.000	-.0215615	-.0085324
51		-.0093586	.003329	-2.81	0.005	-.0158833	-.0028339
52		-.0208904	.003321	-6.29	0.000	-.0273995	-.0143812
53		-.0181758	.0033256	-5.47	0.000	-.0246939	-.0116577
54		-.0155617	.0033368	-4.66	0.000	-.0221017	-.0090218
55		-.0067236	.0033241	-2.02	0.043	-.0132388	-.0002084
56		-.0152865	.0033169	-4.61	0.000	-.0217874	-.0087855
57		-.0154279	.003332	-4.63	0.000	-.0219585	-.0088974
58		-.0143202	.0033317	-4.30	0.000	-.0208502	-.0077901
59		-.0090918	.0033118	-2.75	0.006	-.0155829	-.0026007
60		-.0140598	.0033059	-4.25	0.000	-.0205391	-.0075804
61		-.0115537	.003329	-3.47	0.001	-.0180783	-.005029
62		-.0096751	.0033493	-2.89	0.004	-.0162396	-.0031105
63		.0010136	.0033279	0.30	0.761	-.005509	.0075362
64		-.0079976	.0033367	-2.40	0.017	-.0145375	-.0014578
65		-.0090897	.0033551	-2.71	0.007	-.0156657	-.0025138
66		-.0088269	.0033605	-2.63	0.009	-.0154133	-.0022404
67		-.0019837	.0033478	-0.59	0.553	-.0085452	.0045778
68		-.0056647	.003361	-1.69	0.092	-.0122521	.0009227
69		-.0059195	.0033752	-1.75	0.079	-.0125348	.0006958
70		-.0079743	.0034048	-2.34	0.019	-.0146475	-.001301
71		.0040324	.0033959	1.19	0.235	-.0026233	.0106882
72		-.0043728	.0034027	-1.29	0.199	-.011042	.0022963
73		-.0065292	.0034344	-1.90	0.057	-.0132605	.0002021
74		-.0098655	.003451	-2.86	0.004	-.0166293	-.0031018
75		.0005176	.0034424	0.15	0.880	-.0062294	.0072646
76		-.0073711	.0034887	-2.11	0.035	-.0142089	-.0005333
77		-.0014903	.0035143	-0.42	0.672	-.0083781	.0053975
78		-.0079466	.0035066	-2.27	0.023	-.0148194	-.0010739
79		.0075159	.0035226	2.13	0.033	.0006118	.0144201
80		-.0030005	.0040073	-0.75	0.454	-.0108547	.0048538

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1	1		-.0143287	.0150944	-0.95	0.342	-.0439132	.0152557
2	1		.0112324	.015529	0.72	0.469	-.0192038	.0416686
3	1		-.0199438	.0151373	-1.32	0.188	-.0496123	.0097247
4	1		-.0173392	.0156398	-1.11	0.268	-.0479927	.0133144
5	1		-.026102	.0159866	-1.63	0.103	-.0574352	.0052312
6	1		-.0103354	.016055	-0.64	0.520	-.0418027	.0211319
7	1		-.0268752	.0143936	-1.87	0.062	-.0550861	.0013356
8	1		-.002114	.0158331	-0.13	0.894	-.0331464	.0289183
9	1		.0004906	.0155337	0.03	0.975	-.0299548	.0309361

10	1		.0033533	.0145761	0.23	0.818	-.0252154	.0319219
11	1		-.0165558	.013985	-1.18	0.236	-.043966	.0108544
12	1		-.0075024	.0152619	-0.49	0.623	-.0374152	.0224105
13	1		.0221983	.0148655	1.49	0.135	-.0069376	.0513342
14	1		.0026859	.0139518	0.19	0.847	-.0246592	.030031
15	1		-.0236002	.0143279	-1.65	0.100	-.0516824	.0044819
16	1		.0082992	.0157792	0.53	0.599	-.0226274	.0392258
17	1		-.0111145	.0148976	-0.75	0.456	-.0403134	.0180843
18	1		.0022487	.0144859	0.16	0.877	-.0261431	.0306405
19	1		-.0355484	.0142906	-2.49	0.013	-.0635574	-.0075395
20	1		-.0286122	.016063	-1.78	0.075	-.0600952	.0028708
21	1		.0154906	.0157795	0.98	0.326	-.0154366	.0464178
22	1		-.0102493	.0150963	-0.68	0.497	-.0398376	.019339
23	1		-.0174903	.0151352	-1.16	0.248	-.0471548	.0121742
24	1		-.0147549	.0155866	-0.95	0.344	-.0453041	.0157943
25	1		-.0000382	.0164786	-0.00	0.998	-.0323357	.0322592
26	1		.0234743	.0161336	1.45	0.146	-.008147	.0550955
27	1		-.0327885	.0159846	-2.05	0.040	-.0641178	-.0014592
28	1		-.0335031	.0156718	-2.14	0.033	-.0642193	-.0027869
29	1		.0130774	.0164978	0.79	0.428	-.0192578	.0454126
30	1		.0169834	.0170353	1.00	0.319	-.0164052	.0503719
31	1		-.0169604	.0155663	-1.09	0.276	-.0474697	.013549
32	1		-.0178105	.0158843	-1.12	0.262	-.0489432	.0133222
33	1		-.0010644	.0160247	-0.07	0.947	-.0324722	.0303435
34	1		-.000909	.0152541	-0.06	0.952	-.0308065	.0289886
35	1		.0032248	.0154091	0.21	0.834	-.0269765	.0334261
36	1		-.0193911	.0163652	-1.18	0.236	-.0514664	.0126841
37	1		-.0187104	.0159879	-1.17	0.242	-.0500462	.0126254
38	1		.0008728	.0156455	0.06	0.956	-.0297918	.0315374
39	1		.0143731	.0155605	0.92	0.356	-.016125	.0448712
40	1		-.0051611	.0154833	-0.33	0.739	-.0355078	.0251855
41	1		-.0154951	.0156113	-0.99	0.321	-.0460927	.0151025
42	1		.0033043	.0162211	0.20	0.839	-.0284884	.0350971
43	1		-.0133602	.0156679	-0.85	0.394	-.0440687	.0173484
44	1		-.0286991	.0153542	-1.87	0.062	-.0587927	.0013945
45	1		-.0173776	.0163546	-1.06	0.288	-.049432	.0146768
46	1		-.0396417	.0158445	-2.50	0.012	-.0706964	-.0085869
47	1		-.0030681	.0158159	-0.19	0.846	-.0340667	.0279306
48	1		.0133347	.0165825	0.80	0.421	-.0191664	.0458359
49	1		-.0003578	.0160545	-0.02	0.982	-.0318241	.0311085
50	1		-.0143064	.0153852	-0.93	0.352	-.0444608	.0158479
51	1		.009479	.016267	0.58	0.560	-.0224039	.0413618
52	1		-.0190588	.0161998	-1.18	0.239	-.0508097	.0126921
53	1		.0113467	.0151262	0.75	0.453	-.0183002	.0409935
54	1		-.001754	.0155467	-0.11	0.910	-.0322249	.0287169
55	1		.0545305	.0165881	3.29	0.001	.0220185	.0870425
56	1		-.0102979	.0159377	-0.65	0.518	-.0415353	.0209395
57	1		-.0178699	.0158435	-1.13	0.259	-.0489226	.0131828
58	1		-.0019057	.0152017	-0.13	0.900	-.0317006	.0278891
59	1		.0179419	.0150985	1.19	0.235	-.0116507	.0475344
60	1		.0102444	.0151238	0.68	0.498	-.0193977	.0398864
61	1		.0316696	.0154885	2.04	0.041	.0013128	.0620264
62	1		-.0001417	.0146094	-0.01	0.992	-.0287757	.0284922
63	1		.0217286	.0138147	1.57	0.116	-.0053478	.0488049
64	1		-.0160173	.0146564	-1.09	0.274	-.0447432	.0127087
65	1		.0127797	.0155414	0.82	0.411	-.017681	.0432403
66	1		-.0143892	.0148405	-0.97	0.332	-.043476	.0146976
67	1		.0109939	.0150558	0.73	0.465	-.018515	.0405028
68	1		-.0187369	.0147071	-1.27	0.203	-.0475623	.0100885
69	1		.0002351	.0143406	0.02	0.987	-.0278721	.0283422
70	1		.0306418	.0146471	2.09	0.036	.001934	.0593495
71	1		.011409	.015372	0.74	0.458	-.0187195	.0415375
72	1		.0066135	.0150928	0.44	0.661	-.0229679	.0361949

73	1	-.01749	.0155607	-1.12	0.261	-.0479884	.0130085
74	1	-.0190241	.0156543	-1.22	0.224	-.0497059	.0116577
75	1	-.0172159	.0161989	-1.06	0.288	-.0489652	.0145334
76	1	.0052962	.0165204	0.32	0.749	-.0270832	.0376757
77	1	.0079736	.0151468	0.53	0.599	-.0217136	.0376609
78	1	-.0008089	.0163042	-0.05	0.960	-.0327645	.0311468
79	1	-.0246246	.0167629	-1.47	0.142	-.0574793	.0082301
80	1	.0125975	.0208051	0.61	0.545	-.0281797	.0533747

_cons		.0779102	.0024378	31.96	0.000	.0731322	.0826881

sigma_u		.02466031					
sigma_e		.25670764					
rho		.00914387				(fraction of variance due to u_i)	

```

. /*
> xtreg D_to_D i.tim i.tim#nc
> xtreg R_to_R i.tim i.tim#nc
> xtreg D_to_No i.tim i.tim#nc
> xtreg No_to_D i.tim i.tim#nc
> */
. /* Huber-White robust errors */
.
. reg N_to_N i.tim i.tim#nc i.tim#nc , vce(robust)

```

```

Linear regression                               Number of obs   = 1,023,999
                                                F(159, 1023839) = 4.34
                                                Prob > F         = 0.0000
                                                R-squared       = 0.0007
                                                Root MSE      = .31584

```

N_to_N	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	

tim						
2	.0036249	.0042135	0.86	0.390	-.0046333	.0118832
3	-.0097262	.0042939	-2.27	0.024	-.0181422	-.0013102
4	.0039641	.0042232	0.94	0.348	-.0043133	.0122415
5	-.0015734	.0042952	-0.37	0.714	-.0099918	.0068451
6	-.0039673	.0042201	-0.94	0.347	-.0122386	.004304
7	-.0192164	.0041995	-4.58	0.000	-.0274472	-.0109855
8	.0051306	.0040497	1.27	0.205	-.0028066	.0130678
9	.001707	.0040827	0.42	0.676	-.006295	.009709
10	-.0036616	.0041128	-0.89	0.373	-.0117226	.0043994
11	-.0091221	.0041195	-2.21	0.027	-.0171961	-.0010481
12	.0048175	.0040284	1.20	0.232	-.003078	.012713
13	.0036042	.0040332	0.89	0.372	-.0043007	.0115091
14	.000077	.0040812	0.02	0.985	-.0079219	.008076
15	-.0123005	.0041453	-2.97	0.003	-.0204253	-.0041758
16	.0061808	.0040279	1.53	0.125	-.0017138	.0140754
17	.0060436	.004027	1.50	0.133	-.0018492	.0139363
18	.0045029	.0040532	1.11	0.267	-.0034413	.012447
19	-.0092721	.0041543	-2.23	0.026	-.0174143	-.0011299
20	.0074905	.0040297	1.86	0.063	-.0004077	.0153886
21	.0056733	.0040456	1.40	0.161	-.002256	.0136025
22	.0050785	.0040721	1.25	0.212	-.0029026	.0130596
23	-.0083718	.0041591	-2.01	0.044	-.0165235	-.0002201
24	.0061721	.0040691	1.52	0.129	-.0018032	.0141473
25	.0007425	.0040938	0.18	0.856	-.0072813	.0087663
26	-.0041963	.0041568	-1.01	0.313	-.0123435	.003951

27		-.0121577	.0042027	-2.89	0.004	-.0203949	-.0039205
28		.0040929	.0041133	1.00	0.320	-.003969	.0121548
29		.0039273	.0041037	0.96	0.339	-.0041158	.0119703
30		.0150895	.0040184	3.76	0.000	.0072137	.0229654
31		-.0017268	.0041499	-0.42	0.677	-.0098605	.0064069
32		.0128955	.0040706	3.17	0.002	.0049173	.0208738
33		.0069733	.0040976	1.70	0.089	-.0010579	.0150044
34		.0100421	.0040758	2.46	0.014	.0020536	.0180305
35		-.0091234	.0042167	-2.16	0.030	-.017388	-.0008587
36		.0036102	.0041423	0.87	0.383	-.0045086	.011729
37		-.0042825	.0041562	-1.03	0.303	-.0124285	.0038636
38		.0001973	.004119	0.05	0.962	-.0078758	.0082704
39		-.0152009	.0042249	-3.60	0.000	-.0234816	-.0069201
40		-.003149	.0041413	-0.76	0.447	-.0112658	.0049677
41		-.0088708	.0041784	-2.12	0.034	-.0170604	-.0006813
42		.0012159	.0040872	0.30	0.766	-.0067948	.0092266
43		-.0113522	.0041857	-2.71	0.007	-.0195561	-.0031483
44		-.0037334	.004151	-0.90	0.368	-.0118692	.0044023
45		-.0035978	.004136	-0.87	0.384	-.0117043	.0045086
46		-.0061532	.0041302	-1.49	0.136	-.0142482	.0019418
47		-.0054031	.0041354	-1.31	0.191	-.0135083	.0027022
48		.0012246	.0041016	0.30	0.765	-.0068145	.0092636
49		.0014489	.0041118	0.35	0.725	-.00661	.0095078
50		-.0019428	.0041239	-0.47	0.638	-.0100255	.0061399
51		-.0062116	.0041608	-1.49	0.135	-.0143666	.0019435
52		.0084696	.0040442	2.09	0.036	.0005431	.0163961
53		.0084322	.00405	2.08	0.037	.0004942	.0163701
54		.0050381	.0040885	1.23	0.218	-.0029753	.0130515
55		-.0024323	.0041276	-0.59	0.556	-.0105223	.0056577
56		.0095029	.0040316	2.36	0.018	.0016011	.0174048
57		.0069664	.0040683	1.71	0.087	-.0010073	.0149401
58		.0103558	.0040423	2.56	0.010	.0024331	.0182786
59		.0039746	.0040664	0.98	0.328	-.0039954	.0119446
60		.012669	.0039952	3.17	0.002	.0048386	.0204995
61		.0083145	.0040546	2.05	0.040	.0003677	.0162614
62		.0103642	.0040627	2.55	0.011	.0024014	.0183269
63		-.0033905	.0041392	-0.82	0.413	-.0115032	.0047222
64		.0099135	.0040515	2.45	0.014	.0019727	.0178543
65		.0110394	.0040642	2.72	0.007	.0030738	.019005
66		.0118077	.0040642	2.91	0.004	.0038421	.0197733
67		.0000104	.0041392	0.00	0.998	-.0081023	.0081231
68		.0085986	.0040898	2.10	0.036	.0005827	.0166146
69		.0073663	.0041162	1.79	0.074	-.0007013	.0154339
70		.0122782	.0041113	2.99	0.003	.0042203	.0203362
71		-.0005458	.004203	-0.13	0.897	-.0087836	.0076921
72		.0118586	.0041123	2.88	0.004	.0037987	.0199186
73		.0113589	.004153	2.74	0.006	.0032192	.0194986
74		.0174388	.0041194	4.23	0.000	.0093648	.0255127
75		.0037764	.0042257	0.89	0.372	-.0045059	.0120586
76		.0124148	.0042066	2.95	0.003	.0041701	.0206596
77		.0062142	.0042912	1.45	0.148	-.0021965	.0146248
78		.0152879	.0042007	3.64	0.000	.0070548	.0235211
79		-.0039412	.0043893	-0.90	0.369	-.0125441	.0046616
80		.0104464	.0048276	2.16	0.030	.0009845	.0199083
tim#nc							
1 1		.010842	.0178864	0.61	0.544	-.0242148	.0458987
2 1		-.0061253	.0193687	-0.32	0.752	-.0440872	.0318366
3 1		.036705	.016684	2.20	0.028	.0040049	.0694052
4 1		.0242259	.0171038	1.42	0.157	-.009297	.0577487
5 1		.0221093	.0181533	1.22	0.223	-.0134707	.0576893
6 1		.0120243	.0192484	0.62	0.532	-.0257019	.0497505
7 1		.0148348	.0181112	0.82	0.413	-.0206625	.0503322

8	1	-.0165357	.0203728	-0.81	0.417	-.0564656	.0233943
9	1	-.0188587	.0203604	-0.93	0.354	-.0587643	.0210469
10	1	.0025575	.0180953	0.14	0.888	-.0329087	.0380237
11	1	.011574	.0171431	0.68	0.500	-.022026	.045174
12	1	-.0071351	.0190212	-0.38	0.708	-.0444159	.0301457
13	1	-.0226338	.0196003	-1.15	0.248	-.0610498	.0157821
14	1	.0030153	.0170446	0.18	0.860	-.0303915	.0364221
15	1	.0422293	.0155593	2.71	0.007	.0117335	.072725
16	1	-.001954	.0191827	-0.10	0.919	-.0395514	.0356434
17	1	.020242	.0164345	1.23	0.218	-.011969	.052453
18	1	.0112526	.0167965	0.67	0.503	-.021668	.0441731
19	1	.0517209	.0144585	3.58	0.000	.0233827	.0800592
20	1	.023061	.0173434	1.33	0.184	-.0109315	.0570534
21	1	-.005123	.0194578	-0.26	0.792	-.0432596	.0330136
22	1	.012127	.0173878	0.70	0.486	-.0219526	.0462065
23	1	.0181629	.0180287	1.01	0.314	-.0171728	.0534986
24	1	.0294958	.0163666	1.80	0.072	-.0025822	.0615737
25	1	.0133768	.0192478	0.69	0.487	-.0243482	.0511018
26	1	-.0389751	.0227849	-1.71	0.087	-.0836328	.0056825
27	1	.0323389	.0181949	1.78	0.076	-.0033224	.0680003
28	1	.034341	.0162045	2.12	0.034	.0025807	.0661013
29	1	-.0018562	.0202151	-0.09	0.927	-.0414771	.0377648
30	1	-.0421995	.0229983	-1.83	0.067	-.0872754	.0028763
31	1	.0126763	.0184333	0.69	0.492	-.0234524	.0488049
32	1	.0161235	.0172689	0.93	0.350	-.017723	.04997
33	1	.0052749	.018856	0.28	0.780	-.0316821	.0422319
34	1	-.0119595	.0189716	-0.63	0.528	-.0491433	.0252243
35	1	.0047631	.0193654	0.25	0.806	-.0331923	.0427186
36	1	.0120965	.0189767	0.64	0.524	-.0250972	.0492902
37	1	.0206901	.0184977	1.12	0.263	-.0155647	.056945
38	1	-.0228605	.0208631	-1.10	0.273	-.0637515	.0180304
39	1	-.0024211	.0204552	-0.12	0.906	-.0425126	.0376704
40	1	.0045957	.0190396	0.24	0.809	-.0327213	.0419128
41	1	.0406579	.0167753	2.42	0.015	.007779	.0735369
42	1	-.0112086	.0207813	-0.54	0.590	-.0519392	.0295219
43	1	.0244238	.0184059	1.33	0.185	-.0116512	.0604988
44	1	.0210321	.0176907	1.19	0.234	-.0136411	.0557053
45	1	.0113994	.0196186	0.58	0.561	-.0270525	.0498513
46	1	.009563	.0193349	0.49	0.621	-.0283328	.0474588
47	1	-.0092273	.0205698	-0.45	0.654	-.0495434	.0310887
48	1	-.02085	.0219085	-0.95	0.341	-.0637899	.0220899
49	1	.0028058	.0195173	0.14	0.886	-.0354473	.041059
50	1	.0293557	.0168834	1.74	0.082	-.0037352	.0624466
51	1	-.0316113	.022644	-1.40	0.163	-.0759928	.0127702
52	1	-.0024758	.0195534	-0.13	0.899	-.0407999	.0358482
53	1	-.0184904	.0193543	-0.96	0.339	-.0564242	.0194433
54	1	.0027212	.0186297	0.15	0.884	-.0337925	.0392348
55	1	-.0334533	.0229672	-1.46	0.145	-.0784683	.0115617
56	1	.0076397	.018342	0.42	0.677	-.02831	.0435894
57	1	.0038508	.018756	0.21	0.837	-.0329103	.0406119
58	1	-.0114812	.0188463	-0.61	0.542	-.0484194	.025457
59	1	-.0035477	.0186198	-0.19	0.849	-.0400419	.0329465
60	1	-.0260943	.0195607	-1.33	0.182	-.0644327	.0122441
61	1	-.0280693	.0204497	-1.37	0.170	-.0681501	.0120115
62	1	-.0024264	.0174924	-0.14	0.890	-.0367108	.0318581
63	1	-.0049937	.0175847	-0.28	0.776	-.0394591	.0294718
64	1	.0131248	.0164186	0.80	0.424	-.0190551	.0453046
65	1	-.0068388	.0188888	-0.36	0.717	-.0438601	.0301825
66	1	.021807	.0157521	1.38	0.166	-.0090666	.0526807
67	1	-.0088228	.0191969	-0.46	0.646	-.0464482	.0288025
68	1	-.0210619	.0189642	-1.11	0.267	-.0582311	.0161074
69	1	.004745	.0168756	0.28	0.779	-.0283306	.0378206
70	1	-.0329774	.0193806	-1.70	0.089	-.0709628	.0050079

71	1	-.0134056	.0199356	-0.67	0.501	-.0524786	.0256675
72	1	.0023278	.0176006	0.13	0.895	-.0321688	.0368244
73	1	.0177527	.0169176	1.05	0.294	-.0154051	.0509106
74	1	.0071541	.0173877	0.41	0.681	-.0269253	.0412335
75	1	.0451075	.015672	2.88	0.004	.014391	.075824
76	1	-.0063277	.0199233	-0.32	0.751	-.0453767	.0327213
77	1	-.0124986	.0191262	-0.65	0.513	-.0499853	.024988
78	1	-.0140483	.0200252	-0.70	0.483	-.0532971	.0252005
79	1	.027553	.018755	1.47	0.142	-.0092062	.0643123
80	1	-.0105752	.0257072	-0.41	0.681	-.0609605	.0398101
_cons		.8854791	.0030123	293.95	0.000	.879575	.8913832

```
. reg N_to_U i.tim i.tim#nc i.tim#nc, vce(robust)
```

Linear regression

Number of obs = 1,023,999
 F(159, 1023839) = 11.67
 Prob > F = 0.0000
 R-squared = 0.0019
 Root MSE = .19699

N_to_U	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
tim						
2	-.0025248	.0024449	-1.03	0.302	-.0073167	.0022671
3	-.0028467	.0024265	-1.17	0.241	-.0076025	.001909
4	-.0041635	.0024241	-1.72	0.086	-.0089145	.0005876
5	.0003907	.0025166	0.16	0.877	-.0045418	.0053232
6	-.0040359	.002391	-1.69	0.091	-.0087222	.0006503
7	.0015372	.0024078	0.64	0.523	-.0031819	.0062564
8	.0011448	.0024118	0.47	0.635	-.0035824	.0058719
9	.0025464	.0024372	1.04	0.296	-.0022304	.0073232
10	.0028974	.0024373	1.19	0.235	-.0018796	.0076745
11	-.0010273	.0023636	-0.43	0.664	-.0056599	.0036054
12	.0033271	.0024279	1.37	0.171	-.0014315	.0080856
13	.0057124	.0024582	2.32	0.020	.0008945	.0105304
14	.0035731	.0024435	1.46	0.144	-.0012162	.0083624
15	.0057376	.002461	2.33	0.020	.0009142	.010561
16	.0036679	.0024386	1.50	0.133	-.0011118	.0084475
17	.0050595	.0024567	2.06	0.039	.0002444	.0098745
18	.0024545	.00243	1.01	0.312	-.0023082	.0072172
19	.0036099	.002449	1.47	0.140	-.0011901	.00841
20	.0006554	.0024031	0.27	0.785	-.0040545	.0053653
21	.0036198	.0024471	1.48	0.139	-.0011764	.0084161
22	-.0013336	.0023887	-0.56	0.577	-.0060153	.0033481
23	.0018435	.0024302	0.76	0.448	-.0029196	.0066066
24	.0001771	.0024143	0.07	0.942	-.0045548	.0049091
25	.0005865	.0024113	0.24	0.808	-.0041395	.0053126
26	-.0007814	.0024068	-0.32	0.745	-.0054988	.0039359
27	-.0019145	.0023841	-0.80	0.422	-.0065873	.0027583
28	-.0038077	.0023699	-1.61	0.108	-.0084527	.0008372
29	-.0004652	.0024154	-0.19	0.847	-.0051993	.0042689
30	-.0057397	.0023337	-2.46	0.014	-.0103137	-.0011657
31	-.0019691	.0023949	-0.82	0.411	-.006663	.0027247
32	-.0038029	.0023847	-1.59	0.111	-.0084769	.0008712
33	.0015523	.0024564	0.63	0.527	-.0032622	.0063667
34	.002037	.002465	0.83	0.409	-.0027943	.0068684
35	.0067562	.0025332	2.67	0.008	.0017913	.0117212
36	.0108254	.0026053	4.16	0.000	.0057191	.0159317
37	.0174999	.0026635	6.57	0.000	.0122796	.0227202

38		.0170807	.0026543	6.44	0.000	.0118783	.022283	
39		.0212148	.0027057	7.84	0.000	.0159118	.0265179	
40		.0192284	.0026807	7.17	0.000	.0139743	.0244826	
41		.0250852	.002752	9.12	0.000	.0196913	.030479	
42		.0211903	.0026875	7.88	0.000	.0159229	.0264577	
43		.0217252	.0027024	8.04	0.000	.0164287	.0270218	
44		.0222776	.0027241	8.18	0.000	.0169385	.0276167	
45		.0174395	.0026511	6.58	0.000	.0122435	.0226356	
46		.0211821	.0026803	7.90	0.000	.0159288	.0264353	
47		.0175426	.0026423	6.64	0.000	.0123638	.0227214	
48		.0178417	.0026565	6.72	0.000	.012635	.0230484	
49		.0158612	.0026397	6.01	0.000	.0106875	.021035	
50		.0170376	.0026456	6.44	0.000	.0118523	.022223	
51		.0156079	.0026317	5.93	0.000	.0104498	.020766	
52		.0126948	.0025856	4.91	0.000	.007627	.0177625	
53		.0096742	.0025488	3.80	0.000	.0046787	.0146697	
54		.0104061	.0025684	4.05	0.000	.0053722	.01544	
55		.009032	.0025384	3.56	0.000	.0040568	.0140073	
56		.0057088	.0024861	2.30	0.022	.000836	.0105815	
57		.0087142	.0025407	3.43	0.001	.0037345	.0136938	
58		.0040256	.0024738	1.63	0.104	-.000823	.0088742	
59		.0053566	.0024771	2.16	0.031	.0005015	.0102117	
60		.0017194	.0024208	0.71	0.478	-.0030253	.0064642	
61		.0035751	.0024652	1.45	0.147	-.0012566	.0084067	
62		-.0008693	.0024141	-0.36	0.719	-.0056009	.0038622	
63		.0021252	.0024432	0.87	0.384	-.0026635	.0069138	
64		-.0022168	.0023846	-0.93	0.353	-.0068905	.0024569	
65		-.0021331	.0023987	-0.89	0.374	-.0068344	.0025681	
66		-.0027154	.0023931	-1.13	0.257	-.0074059	.0019751	
67		.0019186	.0024551	0.78	0.435	-.0028934	.0067305	
68		-.0030197	.0023887	-1.26	0.206	-.0077014	.001662	
69		-.0019351	.0024156	-0.80	0.423	-.0066696	.0027993	
70		-.0045945	.0023924	-1.92	0.055	-.0092835	.0000945	
71		-.0037515	.0024005	-1.56	0.118	-.0084563	.0009533	
72		-.0080773	.002332	-3.46	0.001	-.0126479	-.0035066	
73		-.0047908	.0024084	-1.99	0.047	-.0095112	-.0000703	
74		-.0079576	.0023632	-3.37	0.001	-.0125895	-.0033257	
75		-.0043133	.002422	-1.78	0.075	-.0090603	.0004337	
76		-.0048369	.0024432	-1.98	0.048	-.0096256	-.0000482	
77		-.0051042	.0024549	-2.08	0.038	-.0099157	-.0002926	
78		-.0073825	.0024076	-3.07	0.002	-.0121012	-.0026637	
79		-.0038467	.0024835	-1.55	0.121	-.0087143	.001021	
80		-.0073039	.0027189	-2.69	0.007	-.0126329	-.0019749	
tim#nc								
1	1		.0039881	.0114881	0.35	0.728	-.0185282	.0265045
2	1		-.005252	.010031	-0.52	0.601	-.0249124	.0144083
3	1		-.0164639	.0076491	-2.15	0.031	-.0314558	-.001472
4	1		-.0068023	.0095429	-0.71	0.476	-.0255061	.0119014
5	1		.004817	.0123399	0.39	0.696	-.0193688	.0290029
6	1		-.0016915	.0107125	-0.16	0.875	-.0226876	.0193047
7	1		.0110976	.012007	0.92	0.355	-.0124357	.0346309
8	1		.0145614	.0135946	1.07	0.284	-.0120836	.0412064
9	1		.0182474	.0139265	1.31	0.190	-.0090479	.0455428
10	1		-.0046681	.0103232	-0.45	0.651	-.0249012	.015565
11	1		.0051115	.0106508	0.48	0.631	-.0157637	.0259866
12	1		.0155101	.013467	1.15	0.249	-.0108848	.041905
13	1		.0004872	.0116206	0.04	0.967	-.0222887	.0232631
14	1		-.005433	.0098726	-0.55	0.582	-.0247831	.013917
15	1		-.0177141	.0086142	-2.06	0.040	-.0345976	-.0008306
16	1		-.0067253	.0109759	-0.61	0.540	-.0282377	.0147871
17	1		-.0085254	.0103073	-0.83	0.408	-.0287274	.0116766
18	1		-.0139088	.0087821	-1.58	0.113	-.0311214	.0033038

19	1	-.0157316	.0085617	-1.84	0.066	-.0325122	.001049
20	1	.0051837	.012498	0.41	0.678	-.019312	.0296793
21	1	-.0103537	.0103845	-1.00	0.319	-.030707	.0099996
22	1	-.001255	.0105562	-0.12	0.905	-.0219449	.0194348
23	1	-.000827	.0111216	-0.07	0.941	-.0226249	.0209709
24	1	-.0148174	.00884	-1.68	0.094	-.0321435	.0025087
25	1	-.0126358	.0098566	-1.28	0.200	-.0319544	.0066828
26	1	.0146358	.013616	1.07	0.282	-.0120512	.0413227
27	1	-.0002689	.0112425	-0.02	0.981	-.0223037	.0217659
28	1	.0002708	.0108079	0.03	0.980	-.0209124	.021454
29	1	-.0115841	.0098576	-1.18	0.240	-.0309046	.0077365
30	1	.0253881	.015115	1.68	0.093	-.0042368	.0550129
31	1	-.0056051	.0100876	-0.56	0.578	-.0253763	.0141662
32	1	.0011144	.0110817	0.10	0.920	-.0206052	.0228341
33	1	-.003607	.0112989	-0.32	0.750	-.0257525	.0185385
34	1	.0131872	.0130335	1.01	0.312	-.012358	.0387324
35	1	-.0079369	.0110136	-0.72	0.471	-.0295231	.0136493
36	1	.0083649	.0145024	0.58	0.564	-.0200592	.0367891
37	1	-.0008154	.0138864	-0.06	0.953	-.0280323	.0264016
38	1	.022586	.0160284	1.41	0.159	-.0088291	.054001
39	1	-.0109319	.0127415	-0.86	0.391	-.0359048	.014041
40	1	.001163	.0138774	0.08	0.933	-.0260361	.0283622
41	1	-.0252596	.0113672	-2.22	0.026	-.047539	-.0029802
42	1	.0088119	.0156366	0.56	0.573	-.0218352	.039459
43	1	-.0107695	.0129163	-0.83	0.404	-.0360849	.014546
44	1	.0075489	.0147748	0.51	0.609	-.0214091	.036507
45	1	.0057033	.0149798	0.38	0.703	-.0236565	.0350632
46	1	.0315612	.0174375	1.81	0.070	-.0026158	.0657381
47	1	.0127325	.015255	0.83	0.404	-.0171669	.0426318
48	1	.0069883	.015386	0.45	0.650	-.0231679	.0371444
49	1	-.0025772	.0135105	-0.19	0.849	-.0290574	.0239029
50	1	-.0183401	.0110034	-1.67	0.096	-.0399064	.0032262
51	1	.0224652	.0165	1.36	0.173	-.0098743	.0548046
52	1	.020927	.0159736	1.31	0.190	-.0103808	.0522348
53	1	.0080522	.0132296	0.61	0.543	-.0178772	.0339817
54	1	-.0002884	.0126698	-0.02	0.982	-.0251209	.0245441
55	1	-.0207875	.0100035	-2.08	0.038	-.040394	-.0011809
56	1	.0030894	.0128005	0.24	0.809	-.0219991	.0281779
57	1	.0106957	.0140605	0.76	0.447	-.0168624	.0382539
58	1	.0142505	.0133441	1.07	0.286	-.0119034	.0404044
59	1	-.0146566	.0095237	-1.54	0.124	-.0333227	.0040094
60	1	.0126399	.0128152	0.99	0.324	-.0124775	.0377574
61	1	-.004385	.0111098	-0.39	0.693	-.0261598	.0173898
62	1	-.0007936	.0103487	-0.08	0.939	-.0210767	.0194896
63	1	-.0159245	.0079929	-1.99	0.046	-.0315903	-.0002586
64	1	.003926	.0108389	0.36	0.717	-.0173179	.02517
65	1	-.0055428	.010054	-0.55	0.581	-.0252483	.0141627
66	1	-.0075403	.0091782	-0.82	0.411	-.0255292	.0104487
67	1	-.0013975	.010985	-0.13	0.899	-.0229277	.0201326
68	1	.0367153	.0144518	2.54	0.011	.0083903	.0650403
69	1	-.00409	.0095249	-0.43	0.668	-.0227585	.0145784
70	1	.0030401	.0103748	0.29	0.770	-.0172942	.0233744
71	1	.0023281	.0109105	0.21	0.831	-.0190562	.0237124
72	1	-.0080015	.0082521	-0.97	0.332	-.0241754	.0081724
73	1	-.0064439	.0094414	-0.68	0.495	-.0249486	.0120609
74	1	.0113803	.0117978	0.96	0.335	-.0117431	.0345037
75	1	-.0279714	.0041953	-6.67	0.000	-.036194	-.0197487
76	1	.0008198	.0113029	0.07	0.942	-.0213336	.0229731
77	1	.0058713	.0110555	0.53	0.595	-.0157971	.0275396
78	1	.0142056	.0127804	1.11	0.266	-.0108436	.0392547
79	1	-.0033734	.0109151	-0.31	0.757	-.0247665	.0180198
80	1	-.003364	.0127453	-0.26	0.792	-.0283445	.0216164

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      _cons |   .0361457   .0017657   20.47   0.000   .032685   .0396063
-----+-----

```

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. reg N_to_E i.tim i.tim#nc i.tim#nc, vce(robust)

```

```

Linear regression                               Number of obs   = 1,023,999
                                                F(159, 1023839) = 7.41
                                                Prob > F         = 0.0000
                                                R-squared       = 0.0012
                                                Root MSE       = .25752

```

```

-----+-----
      N_to_E |           Robust
            |           Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----+-----
      tim |
  2 | -0.0008288   .0035628    -0.23  0.816   -0.0078117   .0061541
  3 |  .0125901   .0036762     3.42  0.001   .0053849   .0197953
  4 |  .0002013   .0035843     0.06  0.955  -0.0068239   .0072264
  5 |  .0014473   .0036202     0.40  0.689  -0.0056481   .0085427
  6 |  .0081161   .0036065     2.25  0.024   .0010475   .0151847
  7 |  .0174615   .0035786     4.88  0.000   .0104475   .0244755
  8 | -0.0061288   .0033825    -1.81  0.070  -0.0127583   .0005007
  9 | -0.0041854   .0034077    -1.23  0.219  -0.0108644   .0024937
 10 |  .0006849   .0034467     0.20  0.842  -0.0060705   .0074403
 11 |  .0102324   .0035054     2.92  0.004   .0033619   .0171029
 12 | -0.0081366   .0033444    -2.43  0.015  -0.0146915  -0.0015817
 13 | -0.0090152   .0033331    -2.70  0.007  -0.015548   -0.0024824
 14 | -0.003502   .0034034    -1.03  0.304  -0.0101726   .0031686
 15 |  .0063512   .0034759     1.83  0.068  -0.0004614   .0131638
 16 | -0.0099193   .0033348    -2.97  0.003  -0.0164555  -0.0033831
 17 | -0.0112465   .0033206    -3.39  0.001  -0.0177547  -0.0047382
 18 | -0.0068855   .0033744    -2.04  0.041  -0.0134993  -0.0002718
 19 |  .0057323   .0034948     1.64  0.101  -0.0011174   .0125821
 20 | -0.0080733   .0033616    -2.40  0.016  -0.014662   -0.0014846
 21 | -0.0094471   .0033505    -2.82  0.005  -0.016014   -0.0028802
 22 | -0.0037597   .0034233    -1.10  0.272  -0.0104693   .00295
 23 |  .0061365   .0035078     1.75  0.080  -0.0007386   .0130116
 24 | -0.0062891   .0034031    -1.85  0.065  -0.0129592   .000381
 25 | -0.0017962   .0034338    -0.52  0.601  -0.0085263   .0049339
 26 |  .0052682   .003523     1.50  0.135  -0.0016368   .0121732
 27 |  .0142867   .0035956     3.97  0.000   .0072393   .021334
 28 | -0.0010355   .0034783    -0.30  0.766  -0.0078528   .0057817
 29 | -0.0034094   .003446    -0.99  0.322  -0.0101634   .0033446
 30 | -0.0095343   .0033857    -2.82  0.005  -0.01617   -0.0028985
 31 |  .003509   .003516     1.00  0.318  -0.0033824   .0104003
 32 | -0.0088916   .0034215    -2.60  0.009  -0.0155976  -0.0021856
 33 | -0.0083997   .0034104    -2.46  0.014  -0.015084   -0.0017155
 34 | -0.0118734   .0033764    -3.52  0.000  -0.0184911  -0.0052558
 35 |  .0024128   .0035166     0.69  0.493  -0.0044798   .0093053
 36 | -0.0143161   .0033635    -4.26  0.000  -0.0209085  -0.0077237
 37 | -0.0131617   .0033428    -3.94  0.000  -0.0197134  -0.0066099
 38 | -0.0171424   .0032984    -5.20  0.000  -0.0236072  -0.0106775
 39 | -0.0058775   .0034099    -1.72  0.085  -0.0125608   .0008057
 40 | -0.0158654   .0033102    -4.79  0.000  -0.0223533  -0.0093774
 41 | -0.0158445   .0033081    -4.79  0.000  -0.0223283  -0.0093607
 42 | -0.0223386   .0032276    -6.92  0.000  -0.0286645  -0.0160126
 43 | -0.0103095   .003357    -3.07  0.002  -0.0168891  -0.0037299
 44 | -0.0187225   .0032843    -5.70  0.000  -0.0251597  -0.0122853
 45 | -0.0134714   .0033286    -4.05  0.000  -0.0199955  -0.0069474
 46 | -0.0148824   .0032977    -4.51  0.000  -0.0213458  -0.0084191
 47 | -0.0123005   .0033307    -3.69  0.000  -0.0188286  -0.0057724
 48 | -0.0189274   .003273    -5.78  0.000  -0.0253424  -0.0125125

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49		-.0170189	.0033011	-5.16	0.000	-.0234889	-.0105489
50		-.0150329	.0033126	-4.54	0.000	-.0215255	-.0085403
51		-.0091818	.0033761	-2.72	0.007	-.0157988	-.0025647
52		-.0208706	.0032499	-6.42	0.000	-.0272404	-.0145008
53		-.0181999	.0032818	-5.55	0.000	-.024632	-.0117677
54		-.0154671	.0033196	-4.66	0.000	-.0219734	-.0089607
55		-.0067691	.003395	-1.99	0.046	-.0134233	-.000115
56		-.015299	.0033037	-4.63	0.000	-.0217741	-.0088239
57		-.0153111	.0033169	-4.62	0.000	-.0218121	-.00881
58		-.0143234	.0033268	-4.31	0.000	-.0208437	-.007803
59		-.0091874	.0033597	-2.73	0.006	-.0157723	-.0026025
60		-.0140164	.0033067	-4.24	0.000	-.0204974	-.0075354
61		-.011675	.0033511	-3.48	0.000	-.018243	-.0051069
62		-.0096049	.0033911	-2.83	0.005	-.0162513	-.0029585
63		.0009379	.0034726	0.27	0.787	-.0058682	.007744
64		-.0078762	.0033964	-2.32	0.020	-.0145329	-.0012194
65		-.0090205	.0034026	-2.65	0.008	-.0156894	-.0023516
66		-.0088064	.0034097	-2.58	0.010	-.0154894	-.0021235
67		-.0018789	.0034662	-0.54	0.588	-.0086725	.0049147
68		-.0055355	.0034433	-1.61	0.108	-.0122843	.0012132
69		-.0058062	.0034546	-1.68	0.093	-.012577	.0009647
70		-.0080038	.0034607	-2.31	0.021	-.0147866	-.0012209
71		.0042385	.0035767	1.19	0.236	-.0027718	.0112487
72		-.0042696	.0034978	-1.22	0.222	-.0111251	.0025859
73		-.0066507	.0035039	-1.90	0.058	-.0135183	.0002168
74		-.0099344	.0034839	-2.85	0.004	-.0167627	-.003106
75		.0003601	.0035868	0.10	0.920	-.0066699	.0073901
76		-.0074127	.0035487	-2.09	0.037	-.014368	-.0004574
77		-.001533	.0036406	-0.42	0.674	-.0086684	.0056025
78		-.0080334	.0035586	-2.26	0.024	-.0150081	-.0010586
79		.0075522	.0037496	2.01	0.044	.0002032	.0149012
80		-.003153	.0041218	-0.76	0.444	-.0112315	.0049256
tim#nc							
1 1		-.0143827	.0143346	-1.00	0.316	-.0424781	.0137127
2 1		.0115534	.0171117	0.68	0.500	-.0219849	.0450917
3 1		-.0198109	.0151115	-1.31	0.190	-.0494289	.0098071
4 1		-.0169781	.0145934	-1.16	0.245	-.0455806	.0116244
5 1		-.0267436	.0139339	-1.92	0.055	-.0540537	.0005664
6 1		-.0099984	.0165462	-0.60	0.546	-.0424284	.0224317
7 1		-.0252674	.0143249	-1.76	0.078	-.0533438	.0028089
8 1		-.0014287	.015727	-0.09	0.928	-.0322532	.0293957
9 1		.0009906	.0158524	0.06	0.950	-.0300797	.0320608
10 1		.0026372	.0154519	0.17	0.864	-.0276481	.0329225
11 1		-.0163212	.0140532	-1.16	0.245	-.043865	.0112226
12 1		-.0079356	.0142899	-0.56	0.579	-.0359433	.0200721
13 1		.0222925	.0165744	1.34	0.179	-.0101928	.0547778
14 1		.0027169	.0144427	0.19	0.851	-.0255902	.0310241
15 1		-.0238562	.0133115	-1.79	0.073	-.0499462	.0022339
16 1		.0091973	.0163298	0.56	0.573	-.0228086	.0412032
17 1		-.0111259	.0132699	-0.84	0.402	-.0371345	.0148827
18 1		.0030317	.01472	0.21	0.837	-.025819	.0318824
19 1		-.0356122	.011965	-2.98	0.003	-.0590632	-.0121612
20 1		-.0278699	.0125863	-2.21	0.027	-.0525385	-.0032012
21 1		.016078	.0170127	0.95	0.345	-.0172662	.0494223
22 1		-.0104098	.0143399	-0.73	0.468	-.0385156	.017696
23 1		-.0164968	.0147903	-1.12	0.265	-.0454853	.0124917
24 1		-.0142911	.0141047	-1.01	0.311	-.0419358	.0133535
25 1		.0001735	.0169844	0.01	0.992	-.0331152	.0334623
26 1		.0244962	.0193813	1.26	0.206	-.0134905	.0624829
27 1		-.0318372	.0148531	-2.14	0.032	-.0609488	-.0027256
28 1		-.0334141	.0125049	-2.67	0.008	-.0579233	-.0089049
29 1		.0138349	.0181377	0.76	0.446	-.0217144	.0493843

30	1		.0174433	.0184895	0.94	0.345	-.0187955	.0536821
31	1		-.0171511	.0148593	-1.15	0.248	-.0462748	.0119726
32	1		-.0169917	.0137372	-1.24	0.216	-.0439161	.0099328
33	1		-.0013464	.015681	-0.09	0.932	-.0320806	.0293879
34	1		-.000986	.0146062	-0.07	0.946	-.0296136	.0276417
35	1		.0035754	.0165762	0.22	0.829	-.0289133	.0360642
36	1		-.0201335	.0130111	-1.55	0.122	-.0456348	.0053678
37	1		-.0194832	.0129581	-1.50	0.133	-.0448806	.0059141
38	1		.0005863	.0145755	0.04	0.968	-.0279811	.0291537
39	1		.0136639	.0168856	0.81	0.418	-.0194313	.0467592
40	1		-.0055254	.0138939	-0.40	0.691	-.032757	.0217061
41	1		-.0153208	.0128407	-1.19	0.233	-.0404882	.0098465
42	1		.0027765	.0147604	0.19	0.851	-.0261535	.0317064
43	1		-.0132706	.0138231	-0.96	0.337	-.0403635	.0138223
44	1		-.0279554	.0104637	-2.67	0.008	-.0484639	-.0074468
45	1		-.0170256	.0135373	-1.26	0.209	-.0435583	.0095071
46	1		-.0408232	.0092159	-4.43	0.000	-.0588861	-.0227604
47	1		-.0028967	.0148881	-0.19	0.846	-.0320769	.0262834
48	1		.0141703	.0167333	0.85	0.397	-.0186265	.046967
49	1		-.0000724	.0148911	-0.00	0.996	-.0292586	.0291137
50	1		-.0141145	.0128936	-1.09	0.274	-.0393855	.0111565
51	1		.0093789	.0169218	0.55	0.579	-.0237872	.042545
52	1		-.0182976	.0121887	-1.50	0.133	-.0421869	.0055918
53	1		.0109791	.0150204	0.73	0.465	-.0184604	.0404185
54	1		-.0019626	.0143838	-0.14	0.891	-.0301543	.0262291
55	1		.0548575	.0212808	2.58	0.010	.0131478	.0965673
56	1		-.0101944	.0138058	-0.74	0.460	-.0372533	.0168645
57	1		-.0181724	.0127236	-1.43	0.153	-.0431102	.0067654
58	1		-.00238	.014148	-0.17	0.866	-.0301096	.0253495
59	1		.0185078	.0164965	1.12	0.262	-.0138248	.0508404
60	1		.0101626	.0153451	0.66	0.508	-.0199134	.0402386
61	1		.032687	.0178849	1.83	0.068	-.0023668	.0677408
62	1		.0006425	.0143661	0.04	0.964	-.0275145	.0287996
63	1		.0216928	.0160721	1.35	0.177	-.0098079	.0531936
64	1		-.016424	.0128542	-1.28	0.201	-.0416178	.0087699
65	1		.0129431	.0165115	0.78	0.433	-.0194189	.0453052
66	1		-.0141053	.0131709	-1.07	0.284	-.0399198	.0117093
67	1		.0106177	.0164158	0.65	0.518	-.0215567	.0427921
68	1		-.0184241	.0129435	-1.42	0.155	-.0437928	.0069447
69	1		.0001674	.014406	0.01	0.991	-.0280679	.0284028
70	1		.0307048	.017035	1.80	0.071	-.0026832	.0640928
71	1		.0115836	.0173612	0.67	0.505	-.0224438	.0456111
72	1		.0066093	.0158981	0.42	0.678	-.0245504	.037769
73	1		-.0178964	.0136273	-1.31	0.189	-.0446054	.0088126
74	1		-.0176338	.0133327	-1.32	0.186	-.0437655	.0084979
75	1		-.0165119	.0151741	-1.09	0.277	-.0462527	.0132288
76	1		.00579	.017008	0.34	0.734	-.027545	.039125
77	1		.0074977	.0162716	0.46	0.645	-.0243942	.0393895
78	1		.000418	.0161747	0.03	0.979	-.0312839	.0321198
79	1		-.0234966	.0157455	-1.49	0.136	-.0543573	.007364
80	1		.0143971	.0229775	0.63	0.531	-.0306381	.0594323
_cons			.0779279	.0025357	30.73	0.000	.072958	.0828978

```

.
. /* Survey weights */
. svyset [iw=wtfinl]

      iweight: wtfinl
      VCE: linearized
Single unit: missing
Strata 1: <one>

```


SU 1: <observations>
 FPC 1: <zero>

. summarize N_to_N

Variable	Obs	Mean	Std. Dev.	Min	Max
N_to_N	1,023,999	.8875468	.3159234	0	1

. summarize N_to_N [weight=wtfinl]
 (analytic weights assumed)

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
N_to_N	1023999	2.4522e+09	.8866184	.3170589	0	1

. summarize N_to_E

Variable	Obs	Mean	Std. Dev.	Min	Max
N_to_E	1,023,999	.0714932	.2576471	0	1

. summarize N_to_E [weight=wtfinl]
 (analytic weights assumed)

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
N_to_E	1023999	2.4522e+09	.0715444	.2577322	0	1

. summarize N_to_U

Variable	Obs	Mean	Std. Dev.	Min	Max
N_to_U	1,023,999	.0405166	.1971676	0	1

. summarize N_to_U [weight=wtfinl]
 (analytic weights assumed)

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
N_to_U	1023999	2.4522e+09	.04136	.1991216	0	1

.
 .

. svy:regress N_to_N i.tim i.tim#nc
 (running regress on estimation sample)

Survey: Linear regression

Number of strata	=	1	Number of obs	=	1,023,999
Number of PSUs	=	1,023,999	Population size	=	2,452,234,661
			Design df	=	1,023,998
			F(159,1023840)	=	2.95
			Prob > F	=	0.0000
			R-squared	=	0.0006

		Linearized				
N_to_N	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
tim						
2	.0017172	.004638	0.37	0.711	-.0073731	.0108075
3	-.0104153	.0046957	-2.22	0.027	-.0196188	-.0012119

4		.0013865	.0046585	0.30	0.766	-.0077441	.010517
5		-.0036621	.0047045	-0.78	0.436	-.0128827	.0055585
6		-.0012496	.0046083	-0.27	0.786	-.0102818	.0077826
7		-.0214851	.0046865	-4.58	0.000	-.0306706	-.0122996
8		.0015307	.0045118	0.34	0.734	-.0073123	.0103738
9		-.0021298	.0045609	-0.47	0.641	-.0110691	.0068095
10		-.0052435	.0045833	-1.14	0.253	-.0142266	.0037396
11		-.0101245	.0045673	-2.22	0.027	-.0190763	-.0011727
12		-.0001153	.0045455	-0.03	0.980	-.0090244	.0087938
13		.0011101	.0045379	0.24	0.807	-.0077841	.0100043
14		-.0028632	.0045963	-0.62	0.533	-.0118717	.0061454
15		-.0146958	.004658	-3.15	0.002	-.0238252	-.0055663
16		.005386	.0044844	1.20	0.230	-.0034032	.0141752
17		.0040562	.0045194	0.90	0.369	-.0048017	.0129142
18		.0041375	.0045365	0.91	0.362	-.0047539	.0130289
19		-.0120116	.0046702	-2.57	0.010	-.021165	-.0028583
20		.0039655	.004541	0.87	0.383	-.0049348	.0128658
21		.0044181	.0045003	0.98	0.326	-.0044024	.0132386
22		.0013523	.0045439	0.30	0.766	-.0075535	.0102582
23		-.0081976	.0045841	-1.79	0.074	-.0171823	.000787
24		.0021948	.0045348	0.48	0.628	-.0066934	.0110829
25		-.0009688	.0045385	-0.21	0.831	-.0098642	.0079266
26		-.0064346	.0046312	-1.39	0.165	-.0155115	.0026423
27		-.0098057	.0046049	-2.13	0.033	-.0188311	-.0007802
28		.0014513	.004587	0.32	0.752	-.007539	.0104417
29		.0020733	.0045466	0.46	0.648	-.0068378	.0109844
30		.0118904	.0044909	2.65	0.008	.0030883	.0206925
31		-.0035355	.0046108	-0.77	0.443	-.0125724	.0055014
32		.0094603	.0045378	2.08	0.037	.0005664	.0183541
33		.0073286	.0045112	1.62	0.104	-.0015131	.0161703
34		.004898	.0045579	1.07	0.283	-.0040352	.0138313
35		-.0097674	.0046784	-2.09	0.037	-.0189368	-.0005979
36		.0003241	.0046372	0.07	0.944	-.0087646	.0094129
37		-.0070487	.004604	-1.53	0.126	-.0160724	.0019749
38		-.0071645	.0046403	-1.54	0.123	-.0162594	.0019304
39		-.017402	.0047078	-3.70	0.000	-.0266291	-.0081749
40		-.0052326	.0045995	-1.14	0.255	-.0142474	.0037823
41		-.0126183	.0046491	-2.71	0.007	-.0217303	-.0035064
42		-.0024827	.0045635	-0.54	0.586	-.011427	.0064616
43		-.0148029	.004657	-3.18	0.001	-.0239305	-.0056753
44		-.0055313	.0045985	-1.20	0.229	-.0145442	.0034815
45		-.0034459	.0045416	-0.76	0.448	-.0123472	.0054555
46		-.0065299	.004567	-1.43	0.153	-.015481	.0024212
47		-.0091786	.0046036	-1.99	0.046	-.0182016	-.0001557
48		-.0026141	.0045611	-0.57	0.567	-.0115537	.0063255
49		-.0011322	.0045545	-0.25	0.804	-.0100588	.0077943
50		-.0044671	.0045719	-0.98	0.329	-.0134279	.0044938
51		-.0090768	.0046142	-1.97	0.049	-.0181206	-.000033
52		.0062948	.0044913	1.40	0.161	-.0025079	.0150976
53		.0054116	.0045027	1.20	0.229	-.0034136	.0142369
54		.0006827	.004559	0.15	0.881	-.0082527	.0096181
55		-.0022305	.0045388	-0.49	0.623	-.0111263	.0066654
56		.0061886	.0044817	1.38	0.167	-.0025954	.0149725
57		.0041571	.0045067	0.92	0.356	-.0046758	.0129901
58		.0060501	.0045309	1.34	0.182	-.0028304	.0149305
59		-.0017601	.0045762	-0.38	0.701	-.0107292	.0072091
60		.0100184	.0044505	2.25	0.024	.0012955	.0187412
61		.0071588	.0044967	1.59	0.111	-.0016545	.0159721
62		.0059994	.0045583	1.32	0.188	-.0029348	.0149336
63		-.0050913	.0046027	-1.11	0.269	-.0141125	.0039298
64		.0073295	.0045312	1.62	0.106	-.0015515	.0162104
65		.0070746	.004545	1.56	0.120	-.0018335	.0159826
66		.0113897	.0044901	2.54	0.011	.0025894	.0201901

67		-.0022989	.0046243	-0.50	0.619	-.0113625	.0067646	
68		.0028846	.0046183	0.62	0.532	-.0061671	.0119364	
69		.0035437	.0046309	0.77	0.444	-.0055327	.0126202	
70		.0055426	.0046448	1.19	0.233	-.003561	.0146463	
71		-.00448	.0047033	-0.95	0.341	-.0136983	.0047384	
72		.0063304	.0046253	1.37	0.171	-.0027351	.0153958	
73		.0062843	.0046992	1.34	0.181	-.0029259	.0154945	
74		.0123948	.0046443	2.67	0.008	.0032921	.0214974	
75		.0005135	.0047278	0.11	0.914	-.0087529	.0097799	
76		.0056481	.0048021	1.18	0.240	-.0037639	.0150601	
77		.0026849	.0048241	0.56	0.578	-.0067702	.01214	
78		.0104194	.004739	2.20	0.028	.0011311	.0197077	
79		-.0105901	.0049733	-2.13	0.033	-.0203376	-.0008426	
80		.003962	.0055103	0.72	0.472	-.006838	.0147619	
tim#nc								
1	1		.0036609	.0190498	0.19	0.848	-.033676	.0409979
2	1		-.0069184	.0197612	-0.35	0.726	-.0456497	.0318128
3	1		.0298205	.0180485	1.65	0.098	-.005554	.065195
4	1		.0251718	.0174134	1.45	0.148	-.0089578	.0593014
5	1		.0195815	.0191244	1.02	0.306	-.0179016	.0570647
6	1		.004337	.0200818	0.22	0.829	-.0350227	.0436967
7	1		.019339	.0178517	1.08	0.279	-.0156496	.0543276
8	1		-.0152764	.0210266	-0.73	0.468	-.0564878	.025935
9	1		-.0192898	.0209772	-0.92	0.358	-.0604045	.0218248
10	1		.0002049	.0187261	0.01	0.991	-.0364977	.0369075
11	1		.005055	.0182331	0.28	0.782	-.0306812	.0407912
12	1		-.0040865	.0195064	-0.21	0.834	-.0423183	.0341453
13	1		-.0273121	.0205312	-1.33	0.183	-.0675525	.0129283
14	1		.001033	.0178831	0.06	0.954	-.0340172	.0360833
15	1		.0398896	.0163938	2.43	0.015	.0077582	.072021
16	1		-.0091932	.0204815	-0.45	0.654	-.0493362	.0309497
17	1		.0145048	.017749	0.82	0.414	-.0202826	.0492921
18	1		.0064959	.0176978	0.37	0.714	-.0281911	.041183
19	1		.0479353	.0157086	3.05	0.002	.0171469	.0787237
20	1		.0198144	.0193837	1.02	0.307	-.0181769	.0578057
21	1		-.0054039	.0200179	-0.27	0.787	-.0446384	.0338306
22	1		-.0030084	.0206969	-0.15	0.884	-.0435736	.0375568
23	1		.0162519	.0183041	0.89	0.375	-.0196234	.0521272
24	1		.0251562	.0182149	1.38	0.167	-.0105443	.0608568
25	1		.0114286	.0198728	0.58	0.565	-.0275214	.0503786
26	1		-.0426378	.0238217	-1.79	0.073	-.0893276	.0040521
27	1		.0285435	.0183324	1.56	0.119	-.0073874	.0644744
28	1		.0333407	.0169045	1.97	0.049	.0002084	.066473
29	1		.0011855	.0200528	0.06	0.953	-.0381174	.0404884
30	1		-.0433431	.023697	-1.83	0.067	-.0897885	.0031024
31	1		.010063	.0190642	0.53	0.598	-.0273022	.0474283
32	1		.0108559	.0188694	0.58	0.565	-.0261274	.0478392
33	1		.0027925	.0192861	0.14	0.885	-.0350077	.0405926
34	1		-.0057672	.0188395	-0.31	0.760	-.042692	.0311576
35	1		.0051845	.0193904	0.27	0.789	-.03282	.0431891
36	1		.0059326	.0207027	0.29	0.774	-.0346439	.0465092
37	1		.015886	.0201926	0.79	0.431	-.0236908	.0554629
38	1		-.0216899	.0217341	-1.00	0.318	-.0642881	.0209082
39	1		-.0033131	.0210308	-0.16	0.875	-.0445329	.0379066
40	1		.009154	.0186776	0.49	0.624	-.0274535	.0457615
41	1		.0410479	.0172909	2.37	0.018	.0071583	.0749375
42	1		-.0114331	.0213207	-0.54	0.592	-.0532209	.0303547
43	1		.0260865	.0186907	1.40	0.163	-.0105467	.0627197
44	1		.0176834	.0185385	0.95	0.340	-.0186513	.0540182
45	1		.0074693	.0201485	0.37	0.711	-.0320211	.0469598
46	1		.0102723	.0191833	0.54	0.592	-.0273262	.0478708
47	1		-.0072579	.0208044	-0.35	0.727	-.0480339	.033518

48	1	-.0166036	.0219513	-0.76	0.449	-.0596275	.0264202
49	1	-.0015256	.0205099	-0.07	0.941	-.0417242	.038673
50	1	.0230709	.018535	1.24	0.213	-.0132571	.0593989
51	1	-.0330905	.0232233	-1.42	0.154	-.0786073	.0124263
52	1	.0003196	.0193896	0.02	0.987	-.0376834	.0383226
53	1	-.0184074	.0197496	-0.93	0.351	-.0571159	.0203012
54	1	-.0039715	.0203201	-0.20	0.845	-.0437981	.0358552
55	1	-.036655	.023529	-1.56	0.119	-.0827711	.0094611
56	1	.0035982	.0197582	0.18	0.855	-.0351273	.0423237
57	1	.0064445	.0188285	0.34	0.732	-.0304589	.0433478
58	1	-.0063911	.0187277	-0.34	0.733	-.0430968	.0303147
59	1	-.0016242	.0197617	-0.08	0.934	-.0403565	.0371081
60	1	-.0182944	.0190202	-0.96	0.336	-.0555733	.0189845
61	1	-.0329304	.0215107	-1.53	0.126	-.0750906	.0092299
62	1	-.0007784	.0179419	-0.04	0.965	-.0359438	.0343871
63	1	-.0115441	.0187496	-0.62	0.538	-.0482927	.0252044
64	1	.0135671	.0167306	0.81	0.417	-.0192242	.0463584
65	1	-.0046885	.0194774	-0.24	0.810	-.0428636	.0334866
66	1	.0170749	.0167828	1.02	0.309	-.0158189	.0499687
67	1	-.0162064	.0209047	-0.78	0.438	-.0571789	.0247661
68	1	-.0162749	.0191879	-0.85	0.396	-.0538824	.0213327
69	1	.0009176	.0183079	0.05	0.960	-.0349653	.0368005
70	1	-.0322326	.0204341	-1.58	0.115	-.0722827	.0078175
71	1	-.0118864	.0206081	-0.58	0.564	-.0522777	.0285048
72	1	.0080151	.0177327	0.45	0.651	-.0267403	.0427705
73	1	.0219094	.017063	1.28	0.199	-.0115335	.0553523
74	1	.0128497	.0174393	0.74	0.461	-.0213307	.0470301
75	1	.0483268	.0155705	3.10	0.002	.0178092	.0788444
76	1	-.0106883	.0224457	-0.48	0.634	-.0546811	.0333044
77	1	-.0081142	.0192849	-0.42	0.674	-.0459119	.0296835
78	1	-.0072035	.0198927	-0.36	0.717	-.0461924	.0317855
79	1	.0326823	.0193161	1.69	0.091	-.0051767	.0705413
80	1	-.0088767	.0268588	-0.33	0.741	-.061519	.0437656
_cons		.8871371	.003284	270.14	0.000	.8807005	.8935737

. svy:regress N_to_E i.tim i.tim#nc
(running regress on estimation sample)

Survey: Linear regression

Number of strata	=	1	Number of obs	=	1,023,999
Number of PSUs	=	1,023,999	Population size	=	2,452,234,661
			Design df	=	1,023,998
			F(159,1023840)	=	5.88
			Prob > F	=	0.0000
			R-squared	=	0.0012

		Linearized				
N_to_E		Coef.	Std. Err.	t	P> t	[95% Conf. Interval]

tim						
2		-.0006632	.0038803	-0.17	0.864	-.0082684 .006942
3		.0139216	.0040247	3.46	0.001	.0060334 .0218098
4		.0014673	.0039389	0.37	0.710	-.0062529 .0091875
5		.0040774	.0039807	1.02	0.306	-.0037246 .0118794
6		.0046821	.0039012	1.20	0.230	-.0029641 .0123284
7		.0172368	.0039614	4.35	0.000	.0094726 .025001
8		-.0045815	.0037462	-1.22	0.221	-.0119238 .0027609
9		-.0026232	.0037797	-0.69	0.488	-.0100312 .0047849
10		.002023	.0038356	0.53	0.598	-.0054946 .0095407

11		.0095999	.003851	2.49	0.013	.0020521	.0171476
12		-.004321	.0037704	-1.15	0.252	-.0117107	.0030688
13		-.0063979	.0037524	-1.71	0.088	-.0137524	.0009566
14		-.0022156	.0038036	-0.58	0.560	-.0096705	.0052393
15		.0063089	.0038691	1.63	0.103	-.0012743	.0138922
16		-.009305	.0036857	-2.52	0.012	-.0165289	-.002081
17		-.0114544	.0036755	-3.12	0.002	-.0186582	-.0042506
18		-.0069325	.0037558	-1.85	0.065	-.0142938	.0004287
19		.0067302	.0039004	1.73	0.084	-.0009146	.0143749
20		-.0056439	.003775	-1.50	0.135	-.0130427	.0017549
21		-.0078681	.0037287	-2.11	0.035	-.0151762	-.0005601
22		-.0002722	.003833	-0.07	0.943	-.0077848	.0072405
23		.0060035	.0038615	1.55	0.120	-.0015649	.013572
24		-.0054376	.0037544	-1.45	0.148	-.0127962	.0019209
25		-.0008974	.0037903	-0.24	0.813	-.0083261	.0065314
26		.006429	.0039135	1.64	0.100	-.0012412	.0140993
27		.0125198	.003931	3.18	0.001	.004815	.0202245
28		-.0009782	.00384	-0.25	0.799	-.0085045	.006548
29		-.0016551	.0038268	-0.43	0.665	-.0091554	.0058453
30		-.0089591	.0037534	-2.39	0.017	-.0163156	-.0016025
31		.0053075	.0039111	1.36	0.175	-.002358	.0129731
32		-.0084687	.003768	-2.25	0.025	-.0158539	-.0010836
33		-.0094064	.003734	-2.52	0.012	-.0167249	-.0020879
34		-.0090187	.0037542	-2.40	0.016	-.0163768	-.0016606
35		.00135	.0038667	0.35	0.727	-.0062286	.0089286
36		-.0126459	.0037392	-3.38	0.001	-.0199746	-.0053171
37		-.0119615	.0036775	-3.25	0.001	-.0191692	-.0047537
38		-.0148805	.0036613	-4.06	0.000	-.0220565	-.0077044
39		-.0067398	.0037461	-1.80	0.072	-.014082	.0006024
40		-.0151607	.0036514	-4.15	0.000	-.0223172	-.0080042
41		-.0140476	.0036616	-3.84	0.000	-.0212243	-.006871
42		-.0216226	.0035596	-6.07	0.000	-.0285993	-.0146459
43		-.0098307	.0036893	-2.66	0.008	-.0170615	-.0025999
44		-.0184313	.0036101	-5.11	0.000	-.025507	-.0113557
45		-.0149657	.0036126	-4.14	0.000	-.0220462	-.0078852
46		-.0150861	.0036205	-4.17	0.000	-.0221822	-.0079901
47		-.0115829	.0036591	-3.17	0.002	-.0187547	-.0044111
48		-.0176972	.0035952	-4.92	0.000	-.0247436	-.0106508
49		-.0158253	.0036323	-4.36	0.000	-.0229445	-.0087061
50		-.0158696	.003617	-4.39	0.000	-.0229588	-.0087803
51		-.0088804	.0037107	-2.39	0.017	-.0161533	-.0016076
52		-.0203258	.0035727	-5.69	0.000	-.0273282	-.0133233
53		-.015585	.0036506	-4.27	0.000	-.0227401	-.00843
54		-.0136358	.003676	-3.71	0.000	-.0208406	-.006431
55		-.0094468	.0036853	-2.56	0.010	-.0166699	-.0022238
56		-.0133547	.00365	-3.66	0.000	-.0205086	-.0062007
57		-.0136567	.0036523	-3.74	0.000	-.0208152	-.0064982
58		-.0133437	.0036896	-3.62	0.000	-.0205752	-.0061122
59		-.0060284	.0037574	-1.60	0.109	-.0133927	.0013359
60		-.0114875	.0036866	-3.12	0.002	-.0187132	-.0042619
61		-.0108307	.0037023	-2.93	0.003	-.018087	-.0035743
62		-.0065275	.003808	-1.71	0.087	-.013991	.0009361
63		.0012576	.0038367	0.33	0.743	-.0062623	.0087774
64		-.0068066	.0037848	-1.80	0.072	-.0142248	.0006115
65		-.0071613	.0037817	-1.89	0.058	-.0145733	.0002508
66		-.0086669	.0037605	-2.30	0.021	-.0160373	-.0012964
67		-.0010819	.0038512	-0.28	0.779	-.0086301	.0064662
68		-.0018093	.0038818	-0.47	0.641	-.0094176	.005799
69		-.0032529	.003883	-0.84	0.402	-.0108635	.0043577
70		-.0039135	.0038905	-1.01	0.314	-.0115387	.0037117
71		.0053734	.0039633	1.36	0.175	-.0023946	.0131413
72		.0002422	.0039352	0.06	0.951	-.0074707	.0079551
73		-.0034384	.0039573	-0.87	0.385	-.0111946	.0043177

74		-.0046679	.0039672	-1.18	0.239	-.0124435	.0031076
75		.0040224	.0040267	1.00	0.318	-.0038698	.0119146
76		-.0010834	.0040771	-0.27	0.790	-.0090743	.0069076
77		-.0005866	.0040516	-0.14	0.885	-.0085276	.0073544
78		-.0051113	.0039958	-1.28	0.201	-.0129429	.0027204
79		.0120401	.0042366	2.84	0.004	.0037366	.0203437
80		-.0000187	.0046597	-0.00	0.997	-.0091515	.0091141
tim#nc							
1	1	-.0082144	.015664	-0.52	0.600	-.0389154	.0224865
2	1	.0143188	.0176515	0.81	0.417	-.0202775	.0489151
3	1	-.0145641	.0165247	-0.88	0.378	-.0469519	.0178238
4	1	-.0181473	.0146518	-1.24	0.216	-.0468643	.0105698
5	1	-.0298774	.0137626	-2.17	0.030	-.0568517	-.0029032
6	1	-.0003805	.0178135	-0.02	0.983	-.0352944	.0345334
7	1	-.0245643	.0144116	-1.70	0.088	-.0528107	.003682
8	1	-.000721	.0165484	-0.04	0.965	-.0331554	.0317134
9	1	.0012997	.0162195	0.08	0.936	-.03049	.0330894
10	1	.0042372	.0160778	0.26	0.792	-.0272746	.0357491
11	1	-.0113036	.0148727	-0.76	0.447	-.0404536	.0178464
12	1	-.0111972	.0144657	-0.77	0.439	-.0395496	.0171551
13	1	.0212218	.01682	1.26	0.207	-.0117448	.0541885
14	1	.0057564	.0153286	0.38	0.707	-.0242872	.0358001
15	1	-.0225962	.0135806	-1.66	0.096	-.0492137	.0040213
16	1	.0159439	.0178032	0.90	0.370	-.0189497	.0508376
17	1	-.0070731	.014168	-0.50	0.618	-.0348419	.0206957
18	1	.0060252	.0153618	0.39	0.695	-.0240834	.0361339
19	1	-.0292197	.0137133	-2.13	0.033	-.0560974	-.002342
20	1	-.0219487	.0151701	-1.45	0.148	-.0516816	.0077841
21	1	.0137265	.0170691	0.80	0.421	-.0197283	.0471813
22	1	-.0086004	.0154579	-0.56	0.578	-.0388975	.0216966
23	1	-.0149886	.015061	-1.00	0.320	-.0445077	.0145305
24	1	-.0063392	.0163775	-0.39	0.699	-.0384384	.0257601
25	1	.0018587	.0175481	0.11	0.916	-.032535	.0362523
26	1	.0201822	.0190318	1.06	0.289	-.0171195	.057484
27	1	-.0305115	.0146701	-2.08	0.038	-.0592643	-.0017587
28	1	-.0328519	.0126021	-2.61	0.009	-.0575517	-.0081522
29	1	.0127819	.018282	0.70	0.484	-.0230503	.0486141
30	1	.0152799	.0182338	0.84	0.402	-.0204577	.0510175
31	1	-.0150445	.0155939	-0.96	0.335	-.0456081	.0155191
32	1	-.0109998	.0153016	-0.72	0.472	-.0409905	.0189908
33	1	-.0029795	.0151298	-0.20	0.844	-.0326335	.0266745
34	1	-.0050582	.0142591	-0.35	0.723	-.0330056	.0228892
35	1	.0051023	.0166288	0.31	0.759	-.0274895	.0376941
36	1	-.0162752	.0146661	-1.11	0.267	-.0450202	.0124699
37	1	-.017559	.0140996	-1.25	0.213	-.0451938	.0100759
38	1	.0019485	.0153511	0.13	0.899	-.028139	.0320361
39	1	.015133	.0170819	0.89	0.376	-.018347	.0486131
40	1	-.0061678	.0138532	-0.45	0.656	-.0333197	.020984
41	1	-.0142932	.0134224	-1.06	0.287	-.0406005	.0120142
42	1	.0059916	.0155953	0.38	0.701	-.0245746	.0365578
43	1	-.0147675	.0134406	-1.10	0.272	-.0411106	.0115757
44	1	-.0279266	.0104461	-2.67	0.008	-.0484006	-.0074527
45	1	-.0146623	.0135463	-1.08	0.279	-.0412126	.011888
46	1	-.0391925	.0094329	-4.15	0.000	-.0576807	-.0207042
47	1	-.0038635	.0147573	-0.26	0.793	-.0327873	.0250603
48	1	.0114792	.0163734	0.70	0.483	-.0206121	.0435705
49	1	.002514	.0156007	0.16	0.872	-.0280628	.0330909
50	1	-.0088261	.0140411	-0.63	0.530	-.0363462	.0186939
51	1	.0113091	.0173258	0.65	0.514	-.0226489	.045267
52	1	-.0170489	.0125599	-1.36	0.175	-.0416659	.007568
53	1	.0089764	.0151273	0.59	0.553	-.0206726	.0386253
54	1	.0036143	.0159208	0.23	0.820	-.0275898	.0348185

55	1	.0611616	.0220062	2.78	0.005	.0180302	.104293
56	1	-.0061302	.0153739	-0.40	0.690	-.0362626	.0240022
57	1	-.0187288	.013016	-1.44	0.150	-.0442397	.0067821
58	1	-.0040036	.0139216	-0.29	0.774	-.0312895	.0232822
59	1	.0191135	.017761	1.08	0.282	-.0156975	.0539245
60	1	.0056345	.0149373	0.38	0.706	-.0236421	.0349111
61	1	.0352314	.0186476	1.89	0.059	-.0013173	.0717802
62	1	-.0003159	.0148128	-0.02	0.983	-.0293484	.0287166
63	1	.0272385	.0170346	1.60	0.110	-.0061489	.0606258
64	1	-.0154341	.0132676	-1.16	0.245	-.0414382	.01057
65	1	.0142506	.0173485	0.82	0.411	-.019752	.0482531
66	1	-.0118337	.0136518	-0.87	0.386	-.0385908	.0149234
67	1	.0114776	.01684	0.68	0.496	-.0215282	.0444834
68	1	-.0209738	.013185	-1.59	0.112	-.0468159	.0048683
69	1	.0046693	.0159184	0.29	0.769	-.0265302	.0358688
70	1	.028981	.0177412	1.63	0.102	-.0057912	.0637532
71	1	.0125515	.0180998	0.69	0.488	-.0229235	.0480265
72	1	.0030321	.0162652	0.19	0.852	-.0288472	.0349114
73	1	-.0211069	.013599	-1.55	0.121	-.0477604	.0055467
74	1	-.0273666	.0121557	-2.25	0.024	-.0511913	-.0035419
75	1	-.0202531	.0151385	-1.34	0.181	-.049924	.0094178
76	1	-.0014456	.0170717	-0.08	0.933	-.0349056	.0320144
77	1	.0025053	.0157793	0.16	0.874	-.0284217	.0334323
78	1	-.0041137	.0160155	-0.26	0.797	-.0355036	.0272762
79	1	-.02762	.0160278	-1.72	0.085	-.059034	.003794
80	1	.0097486	.0227797	0.43	0.669	-.0348987	.054396
_cons		.0768252	.002752	27.92	0.000	.0714314	.0822191

```
. svy:regress N_to_U i.tim i.tim#nc
(running regress on estimation sample)
```

Survey: Linear regression

Number of strata	=	1	Number of obs	=	1,023,999
Number of PSUs	=	1,023,999	Population size	=	2,452,234,661
			Design df	=	1,023,998
			F(159,1023840)	=	10.09
			Prob > F	=	0.0000
			R-squared	=	0.0022

N_to_U		Linearized				
		Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
tim	2	-.000848	.0027531	-0.31	0.758	-.006244 .0045481
	3	-.0035499	.0026426	-1.34	0.179	-.0087294 .0016296
	4	-.002793	.0027018	-1.03	0.301	-.0080883 .0025024
	5	-.0001543	.0027308	-0.06	0.955	-.0055065 .0051979
	6	-.0033738	.0026608	-1.27	0.205	-.0085889 .0018413
	7	.0037912	.002734	1.39	0.166	-.0015674 .0091498
	8	.0031642	.0027207	1.16	0.245	-.0021684 .0084968
	9	.0047814	.0027644	1.73	0.084	-.0006368 .0101996
	10	.002791	.0027114	1.03	0.303	-.0025233 .0081053
	11	.000715	.0026786	0.27	0.790	-.0045349 .0059649
	12	.0043718	.0027515	1.59	0.112	-.0010211 .0097647
	13	.0055907	.002767	2.02	0.043	.0001675 .0110139
	14	.0052302	.0027996	1.87	0.062	-.0002569 .0107174
	15	.0079558	.0028168	2.82	0.005	.002435 .0134766
	16	.0036706	.0027463	1.34	0.181	-.001712 .0090532
	17	.0070382	.0028234	2.49	0.013	.0015044 .0125719

18		.0029802	.0027522	1.08	0.279	-.0024141	.0083744
19		.0054673	.0028033	1.95	0.051	-.0000271	.0109618
20		.0017319	.002732	0.63	0.526	-.0036228	.0070866
21		.0030951	.0027111	1.14	0.254	-.0022185	.0084087
22		-.0011559	.0026459	-0.44	0.662	-.0063419	.0040301
23		.001632	.0026749	0.61	0.542	-.0036107	.0068748
24		.0032777	.0027514	1.19	0.234	-.0021151	.0086704
25		.0015028	.0027003	0.56	0.578	-.0037897	.0067954
26		.000262	.002702	0.10	0.923	-.0050339	.0055579
27		-.0024525	.0026191	-0.94	0.349	-.0075859	.0026808
28		-.0014236	.0027014	-0.53	0.598	-.0067182	.003871
29		-.0003433	.002664	-0.13	0.897	-.0055647	.0048781
30		-.0031232	.0026581	-1.17	0.240	-.008333	.0020866
31		-.0018239	.0026573	-0.69	0.492	-.0070321	.0033844
32		-.0008015	.0027305	-0.29	0.769	-.0061531	.0045502
33		.00206	.0027282	0.76	0.450	-.0032872	.0074072
34		.0043683	.0027952	1.56	0.118	-.0011102	.0098467
35		.0085767	.0028649	2.99	0.003	.0029617	.0141917
36		.0125006	.0029583	4.23	0.000	.0067023	.0182988
37		.0190085	.0029843	6.37	0.000	.0131593	.0248577
38		.0221798	.0030719	7.22	0.000	.0161591	.0282006
39		.0242245	.0030875	7.85	0.000	.0181732	.0302758
40		.0206732	.0030125	6.86	0.000	.0147688	.0265776
41		.0270919	.0030925	8.76	0.000	.0210306	.0331531
42		.024006	.0030545	7.86	0.000	.0180192	.0299928
43		.0245843	.0030658	8.02	0.000	.0185755	.0305931
44		.0237957	.0030552	7.79	0.000	.0178077	.0297838
45		.0188211	.0029627	6.35	0.000	.0130144	.0246278
46		.0216959	.0029933	7.25	0.000	.0158291	.0275627
47		.0206366	.003009	6.86	0.000	.0147391	.0265342
48		.0204343	.0030127	6.78	0.000	.0145294	.0263391
49		.0172377	.0029557	5.83	0.000	.0114447	.0230307
50		.0202875	.0030018	6.76	0.000	.0144404	.026171
51		.0181684	.0029653	6.13	0.000	.0123565	.0239803
52		.0143356	.0029201	4.91	0.000	.0086123	.020059
53		.0100119	.0028312	3.54	0.000	.0044629	.015561
54		.012902	.0029039	4.44	0.000	.0072104	.0185936
55		.0114393	.0028507	4.01	0.000	.0058519	.0170266
56		.007156	.0027991	2.56	0.011	.0016698	.0126421
57		.0098348	.0028448	3.46	0.001	.004259	.0154105
58		.0074296	.0028352	2.62	0.009	.0018727	.0129865
59		.0078976	.0028288	2.79	0.005	.0023533	.013442
60		.0018058	.0026933	0.67	0.503	-.0034729	.0070845
61		.0040545	.0027581	1.47	0.142	-.0013512	.0094602
62		.0005992	.0027146	0.22	0.825	-.0047213	.0059197
63		.003538	.0027555	1.28	0.199	-.0018627	.0089387
64		-.0006474	.002692	-0.24	0.810	-.0059237	.0046289
65		-.0001045	.0027184	-0.04	0.969	-.0054325	.0052235
66		-.0024882	.0026501	-0.94	0.348	-.0076823	.0027059
67		.0035046	.0027811	1.26	0.208	-.0019462	.0089554
68		-.0010912	.0027112	-0.40	0.687	-.006405	.0042227
69		-.0004517	.0027338	-0.17	0.869	-.0058098	.0049064
70		-.0022657	.0027314	-0.83	0.407	-.0076191	.0030878
71		-.0013536	.0027407	-0.49	0.621	-.0067251	.004018
72		-.0070592	.0026258	-2.69	0.007	-.0122058	-.0019127
73		-.0029873	.0027436	-1.09	0.276	-.0083648	.0023901
74		-.008499	.0025957	-3.27	0.001	-.0135865	-.0034114
75		-.0047946	.0026875	-1.78	0.074	-.0100621	.0004729
76		-.004438	.0027577	-1.61	0.108	-.009843	.000967
77		-.0027915	.0028219	-0.99	0.323	-.0083223	.0027394
78		-.0055919	.0027471	-2.04	0.042	-.0109762	-.0002076
79		-.001555	.0028515	-0.55	0.586	-.0071438	.0040338
80		-.003885	.0031961	-1.22	0.224	-.0101493	.0023793

tim#nc							
1 1		.0049958	.0117889	0.42	0.672	-.0181101	.0281017
2 1		-.0071641	.0098618	-0.73	0.468	-.0264929	.0121647
3 1		-.0147706	.0079541	-1.86	0.063	-.0303604	.0008193
4 1		-.0066432	.0100437	-0.66	0.508	-.0263285	.0130422
5 1		.0104772	.0140388	0.75	0.455	-.0170385	.0379929
6 1		-.003573	.0102348	-0.35	0.727	-.0236329	.0164869
7 1		.0061247	.0113749	0.54	0.590	-.0161697	.028419
8 1		.0131778	.0138271	0.95	0.341	-.013923	.0402785
9 1		.018404	.0145298	1.27	0.205	-.0100741	.046882
10 1		-.0035704	.0105857	-0.34	0.736	-.024318	.0171772
11 1		.0065005	.0115333	0.56	0.573	-.0161044	.0291053
12 1		.0157905	.0140227	1.13	0.260	-.0116935	.0432744
13 1		.0062296	.0130857	0.48	0.634	-.0194179	.0318772
14 1		-.0064986	.0101164	-0.64	0.521	-.0263264	.0133292
15 1		-.0164201	.0098134	-1.67	0.094	-.035654	.0028138
16 1		-.0060601	.0112206	-0.54	0.589	-.028052	.0159319
17 1		-.0066294	.0114498	-0.58	0.563	-.0290706	.0158117
18 1		-.012264	.0095668	-1.28	0.200	-.0310146	.0064865
19 1		-.0184593	.0081942	-2.25	0.024	-.0345195	-.002399
20 1		.0025231	.0127116	0.20	0.843	-.0223911	.0274373
21 1		-.0075254	.0111839	-0.67	0.501	-.0294456	.0143947
22 1		.0121268	.014911	0.81	0.416	-.0170982	.0413518
23 1		-.000259	.0112166	-0.02	0.982	-.0222432	.0217252
24 1		-.0184096	.0086582	-2.13	0.033	-.0353794	-.0014398
25 1		-.0124817	.0101847	-1.23	0.220	-.0324434	.00748
26 1		.0226413	.0161252	1.40	0.160	-.0089635	.0542462
27 1		.0021486	.0117101	0.18	0.854	-.0208027	.0251
28 1		.000904	.0118003	0.08	0.939	-.0222242	.0240323
29 1		-.0136001	.0090765	-1.50	0.134	-.0313897	.0041896
30 1		.0286973	.0166382	1.72	0.085	-.0039131	.0613076
31 1		-.0063168	.0097668	-0.65	0.518	-.0254594	.0128258
32 1		.0003961	.0118448	0.03	0.973	-.0228193	.0236116
33 1		.0006471	.0128001	0.05	0.960	-.0244407	.0257348
34 1		.0110201	.0131775	0.84	0.403	-.0148073	.0368476
35 1		-.0100039	.0109378	-0.91	0.360	-.0314417	.0114338
36 1		.010606	.015528	0.68	0.495	-.0198284	.0410403
37 1		.0021169	.0153218	0.14	0.890	-.0279132	.0321471
38 1		.0200488	.0166391	1.20	0.228	-.0125632	.0526608
39 1		-.0114604	.013534	-0.85	0.397	-.0379866	.0150658
40 1		-.0028239	.0133183	-0.21	0.832	-.0289274	.0232796
41 1		-.0267384	.0115255	-2.32	0.020	-.049328	-.0041488
42 1		.005983	.0156449	0.38	0.702	-.0246805	.0366465
43 1		-.0108275	.0137358	-0.79	0.431	-.0377493	.0160943
44 1		.0108524	.0158483	0.68	0.493	-.0202097	.0419144
45 1		.0072258	.0157189	0.46	0.646	-.0235827	.0380343
46 1		.0292825	.0171434	1.71	0.088	-.0043179	.062883
47 1		.0116886	.0157035	0.74	0.457	-.0190897	.042467
48 1		.0054437	.0158085	0.34	0.731	-.0255403	.0364278
49 1		-.0008263	.0143454	-0.06	0.954	-.0289428	.0272902
50 1		-.0176861	.0123323	-1.43	0.152	-.041857	.0064848
51 1		.0220125	.016996	1.30	0.195	-.0112991	.0553241
52 1		.0168668	.0154565	1.09	0.275	-.0134274	.0471611
53 1		.0100348	.0137461	0.73	0.465	-.0169072	.0369767
54 1		.0008504	.0137231	0.06	0.951	-.0260463	.0277472
55 1		-.0238263	.0096803	-2.46	0.014	-.0427993	-.0048533
56 1		.0029844	.0133307	0.22	0.823	-.0231433	.0291121
57 1		.0092661	.0139983	0.66	0.508	-.0181702	.0367023
58 1		.0107011	.013338	0.80	0.422	-.0154411	.0368432
59 1		-.0171562	.0096447	-1.78	0.075	-.0360595	.001747
60 1		.0090296	.0121819	0.74	0.459	-.0148464	.0329057
61 1		-.0022414	.0120753	-0.19	0.853	-.0259085	.0214257

62	1		-.0026281	.0102186	-0.26	0.797	-.0226562	.0173999
63	1		-.0149563	.0088851	-1.68	0.092	-.0323708	.0024581
64	1		.0024338	.0108364	0.22	0.822	-.0188051	.0236728
65	1		-.0089286	.0097472	-0.92	0.360	-.0280328	.0101755
66	1		-.0050336	.0103962	-0.48	0.628	-.0254097	.0153426
67	1		.0050474	.0137188	0.37	0.713	-.021841	.0319357
68	1		.0350936	.0146282	2.40	0.016	.0064228	.0637644
69	1		-.0049838	.0099512	-0.50	0.616	-.0244877	.0145201
70	1		.0043304	.0114405	0.38	0.705	-.0180927	.0267535
71	1		.0002374	.0110246	0.02	0.983	-.0213705	.0218452
72	1		-.0101183	.0077126	-1.31	0.190	-.0252348	.0049982
73	1		-.0072408	.0097692	-0.74	0.459	-.026388	.0119065
74	1		.0157313	.0130592	1.20	0.228	-.0098643	.0413268
75	1		-.0273727	.0038953	-7.03	0.000	-.0350073	-.0197382
76	1		.0124495	.0158311	0.79	0.432	-.0185789	.0434779
77	1		.0067443	.0120633	0.56	0.576	-.0168994	.030388
78	1		.0120432	.0126832	0.95	0.342	-.0128154	.0369019
79	1		-.004515	.0115442	-0.39	0.696	-.0271414	.0181113
80	1		-.0004879	.0156395	-0.03	0.975	-.0311408	.030165
_cons			.0355954	.001941	18.34	0.000	.031791	.0393997

```

-----
.
.
.
. /* This is the employed block */
.
. use cps_ipums_work, clear

. keep if emp0 == 1
(1,301,205 observations deleted)

.
. generate E_to_U = unemp1==1

. generate E_to_N = nilf1==1

. generate E_to_E = emp1==1

. /* three-period definition */
. /*
> generate E_to_U = (unemp1==1 & unemp2==1)
> generate E_to_N = (nilf1==1 & nilf2==1)
> generate E_to_E = (emp1==1 | (nilf1==1 & emp2==1) | (unemp1==1 & emp2==1)) */
.
. /* Do separately for nc=0 and nc=1 */
. /*
> lpoly E_to_U tim, at(tim) generate(petou)
> lpoly E_to_E tim, at(tim) generate(petoe)
> lpoly E_to_N tim, at(tim) generate(peton)
> */
. /* GLS random effects by household */
.
. sort serial

. xtset serial
      panel variable:  serial (unbalanced)

. xtreg E_to_N i.tim i.tim#nc

```

Random-effects GLS regression
Group variable: serial

Number of obs = 4,803,680
Number of groups = 74,383

R-sq:
 within = 0.0002
 between = 0.0001
 overall = 0.0002

Obs per group:
 min = 1
 avg = 64.6
 max = 116

corr(u_i, X) = 0 (assumed) Wald chi2(159) = 782.05
 Prob > chi2 = 0.0000

E_to_N	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim					
2	.003328	.0007658	4.35	0.000	.0018271 .0048289
3	.0026434	.000769	3.44	0.001	.0011363 .0041505
4	.0032608	.000767	4.25	0.000	.0017576 .0047641
5	.0021757	.0007744	2.81	0.005	.0006578 .0036936
6	.0049612	.0007624	6.51	0.000	.0034669 .0064555
7	.0038679	.0007386	5.24	0.000	.0024202 .0053156
8	.0022789	.0007385	3.09	0.002	.0008315 .0037263
9	.0008874	.0007433	1.19	0.233	-.0005695 .0023442
10	.0042787	.000742	5.77	0.000	.0028244 .0057331
11	.0020312	.0007408	2.74	0.006	.0005792 .0034833
12	.0024819	.000739	3.36	0.001	.0010335 .0039304
13	.000148	.0007453	0.20	0.843	-.0013127 .0016087
14	.0031727	.0007449	4.26	0.000	.0017126 .0046327
15	.0034503	.0007491	4.61	0.000	.0019821 .0049184
16	.0023008	.0007471	3.08	0.002	.0008365 .0037651
17	.0007969	.0007514	1.06	0.289	-.0006759 .0022697
18	.0038566	.0007519	5.13	0.000	.0023829 .0053304
19	.0031425	.0007531	4.17	0.000	.0016666 .0046185
20	.0019159	.0007489	2.56	0.011	.0004481 .0033836
21	.0012007	.0007545	1.59	0.112	-.000278 .0026794
22	.0041484	.000752	5.52	0.000	.0026744 .0056224
23	.0014912	.0007535	1.98	0.048	.0000144 .002968
24	.002783	.0007532	3.69	0.000	.0013067 .0042593
25	.0012629	.0007562	1.67	0.095	-.0002193 .002745
26	.0039956	.0007552	5.29	0.000	.0025155 .0054757
27	.0033785	.0007532	4.49	0.000	.0019022 .0048547
28	.0020391	.0007546	2.70	0.007	.0005602 .0035179
29	.0022622	.000759	2.98	0.003	.0007744 .0037499
30	.0033178	.0007569	4.38	0.000	.0018343 .0048012
31	.0031236	.0007581	4.12	0.000	.0016378 .0046095
32	.002045	.0007583	2.70	0.007	.0005587 .0035313
33	.0004183	.0007594	0.55	0.582	-.0010702 .0019068
34	.0030409	.0007592	4.01	0.000	.0015529 .0045289
35	.0013963	.0007618	1.83	0.067	-.0000969 .0028894
36	.0009639	.0007681	1.25	0.210	-.0005416 .0024694
37	.0000608	.0007651	0.08	0.937	-.0014387 .0015603
38	.0014312	.0007661	1.87	0.062	-.0000703 .0029328
39	.0010911	.0007678	1.42	0.155	-.0004138 .0025961
40	.0004461	.0007715	0.58	0.563	-.0010661 .0019583
41	.0003748	.0007689	0.49	0.626	-.0011322 .0018819
42	.0028496	.0007698	3.70	0.000	.0013408 .0043583
43	.0015579	.0007703	2.02	0.043	.0000481 .0030677
44	.0017092	.0007729	2.21	0.027	.0001944 .003224
45	.0003343	.0007751	0.43	0.666	-.0011849 .0018536
46	.0039887	.0007755	5.14	0.000	.0024688 .0055086
47	.0018758	.0007754	2.42	0.016	.000356 .0033957
48	.0012702	.0007768	1.64	0.102	-.0002522 .0027926
49	-.000058	.0007778	-0.07	0.941	-.0015824 .0014664
50	.0029171	.0007774	3.75	0.000	.0013935 .0044407
51	.0016942	.0007785	2.18	0.030	.0001683 .00322

52		.0016231	.0007776	2.09	0.037	.000099	.0031471	
53		.0014057	.0007814	1.80	0.072	-.0001259	.0029373	
54		.0041835	.0007802	5.36	0.000	.0026543	.0057128	
55		.0030146	.0007821	3.85	0.000	.0014817	.0045476	
56		.0017766	.0007816	2.27	0.023	.0002447	.0033085	
57		.0005198	.0007846	0.66	0.508	-.001018	.0020576	
58		.0036393	.0007826	4.65	0.000	.0021054	.0051732	
59		.0035405	.0007814	4.53	0.000	.002009	.0050719	
60		.0043156	.0007796	5.54	0.000	.0027877	.0058436	
61		.0031301	.0007855	3.98	0.000	.0015905	.0046697	
62		.0072603	.0007889	9.20	0.000	.005714	.0088065	
63		.0049449	.0007906	6.25	0.000	.0033953	.0064946	
64		.0047721	.0007889	6.05	0.000	.0032259	.0063184	
65		.0027961	.0007928	3.53	0.000	.0012423	.00435	
66		.0049282	.0007921	6.22	0.000	.0033758	.0064806	
67		.0039832	.000787	5.06	0.000	.0024408	.0055256	
68		.0042665	.0007896	5.40	0.000	.0027189	.0058142	
69		.0031785	.0007928	4.01	0.000	.0016246	.0047324	
70		.0056547	.0007957	7.11	0.000	.0040952	.0072141	
71		.0054251	.0007944	6.83	0.000	.003868	.0069822	
72		.0039727	.0007941	5.00	0.000	.0024163	.005529	
73		.0032832	.0007998	4.10	0.000	.0017156	.0048508	
74		.0054922	.0007996	6.87	0.000	.0039251	.0070593	
75		.0043996	.0008014	5.49	0.000	.0028289	.0059703	
76		.0055989	.0008016	6.98	0.000	.0040278	.00717	
77		.00432	.0008102	5.33	0.000	.0027321	.0059079	
78		.0068811	.0008137	8.46	0.000	.0052862	.008476	
79		.0042748	.0008123	5.26	0.000	.0026827	.005867	
80		.0034244	.0009136	3.75	0.000	.0016338	.005215	
tim#nc								
1	1		-.0009117	.0032882	-0.28	0.782	-.0073564	.005533
2	1		-.0047133	.0033724	-1.40	0.162	-.0113231	.0018964
3	1		-.0113611	.0034302	-3.31	0.001	-.0180842	-.004638
4	1		.0022745	.0034255	0.66	0.507	-.0044393	.0089883
5	1		.0014632	.0034316	0.43	0.670	-.0052626	.0081889
6	1		-.0026498	.00356	-0.74	0.457	-.0096273	.0043278
7	1		-.0061795	.0034955	-1.77	0.077	-.0130305	.0006715
8	1		.0026123	.0034224	0.76	0.445	-.0040956	.0093201
9	1		-.0000482	.0036239	-0.01	0.989	-.0071509	.0070545
10	1		-.004006	.0035583	-1.13	0.260	-.0109801	.002968
11	1		.0038206	.0035554	1.07	0.283	-.0031479	.0107892
12	1		-.0019051	.0035202	-0.54	0.588	-.0088045	.0049943
13	1		-.000857	.0035276	-0.24	0.808	-.0077709	.0060568
14	1		.0015525	.0035811	0.43	0.665	-.0054664	.0085713
15	1		.0022025	.003539	0.62	0.534	-.0047338	.0091389
16	1		-.0030912	.0036042	-0.86	0.391	-.0101552	.0039728
17	1		-.0015039	.0036167	-0.42	0.678	-.0085925	.0055847
18	1		-.0012381	.0036599	-0.34	0.735	-.0084113	.0059352
19	1		-.0001437	.0035557	-0.04	0.968	-.0071128	.0068254
20	1		-.0014705	.0035819	-0.41	0.681	-.0084909	.0055498
21	1		-.0009643	.0036381	-0.27	0.791	-.0080948	.0061662
22	1		-.0023508	.0037261	-0.63	0.528	-.0096538	.0049521
23	1		.0050274	.0037372	1.35	0.179	-.0022975	.0123522
24	1		-.0018751	.0036325	-0.52	0.606	-.0089946	.0052445
25	1		-.0020079	.0037992	-0.53	0.597	-.0094542	.0054385
26	1		-.0027531	.0037535	-0.73	0.463	-.0101098	.0046035
27	1		-.0020708	.0036764	-0.56	0.573	-.0092765	.0051348
28	1		-.0020235	.0037957	-0.53	0.594	-.009463	.0054159
29	1		.0082177	.0039222	2.10	0.036	.0005302	.0159051
30	1		-.0049329	.0037922	-1.30	0.193	-.0123655	.0024996
31	1		-.0031405	.0037906	-0.83	0.407	-.0105699	.0042888
32	1		-.0025137	.0038406	-0.65	0.513	-.0100412	.0050138

33	1		.0029125	.0038914	0.75	0.454	-.0047144	.0105395
34	1		-.0024811	.0037662	-0.66	0.510	-.0098627	.0049005
35	1		.0120618	.0037856	3.19	0.001	.0046422	.0194814
36	1		.0091393	.003962	2.31	0.021	.0013739	.0169046
37	1		-.0002071	.0038811	-0.05	0.957	-.0078139	.0073996
38	1		-.000398	.0039187	-0.10	0.919	-.0080785	.0072825
39	1		.0010809	.0039536	0.27	0.785	-.006668	.0088299
40	1		.0017773	.0039627	0.45	0.654	-.0059894	.009544
41	1		-.0056621	.0038613	-1.47	0.143	-.0132301	.0019058
42	1		.0003769	.0039726	0.09	0.924	-.0074092	.008163
43	1		-.0088045	.0039986	-2.20	0.028	-.0166415	-.0009674
44	1		-.002343	.0040561	-0.58	0.563	-.0102929	.0056068
45	1		-.0005702	.0041013	-0.14	0.889	-.0086086	.0074682
46	1		-.0038858	.0040211	-0.97	0.334	-.011767	.0039953
47	1		.007144	.0040175	1.78	0.075	-.0007301	.0150182
48	1		.0019269	.0041693	0.46	0.644	-.0062447	.0100985
49	1		-.00229	.0040611	-0.56	0.573	-.0102496	.0056696
50	1		.0012125	.0039762	0.30	0.760	-.0065807	.0090056
51	1		.0022515	.0039611	0.57	0.570	-.0055122	.0100152
52	1		.0027843	.0039193	0.71	0.477	-.0048975	.010466
53	1		.0012483	.0041101	0.30	0.761	-.0068072	.0093039
54	1		-.0060801	.0039939	-1.52	0.128	-.013908	.0017479
55	1		.0044002	.0039568	1.11	0.266	-.003355	.0121554
56	1		.0040726	.0039736	1.02	0.305	-.0037155	.0118607
57	1		.0086512	.0040317	2.15	0.032	.0007493	.0165532
58	1		.0034259	.0040049	0.86	0.392	-.0044236	.0112754
59	1		.0036476	.0039382	0.93	0.354	-.0040712	.0113663
60	1		.0011414	.0039378	0.29	0.772	-.0065766	.0088594
61	1		.0028262	.0039062	0.72	0.469	-.0048298	.0104823
62	1		-.0027013	.0039363	-0.69	0.493	-.0104163	.0050137
63	1		.0022226	.0038659	0.57	0.565	-.0053544	.0097997
64	1		.0066714	.003818	1.75	0.081	-.0008116	.0141545
65	1		-.0035898	.0039093	-0.92	0.358	-.0112519	.0040724
66	1		.0054307	.0037977	1.43	0.153	-.0020127	.012874
67	1		.001991	.0038343	0.52	0.604	-.005524	.0095061
68	1		.0078814	.0037565	2.10	0.036	.0005188	.015244
69	1		-.0003224	.0038492	-0.08	0.933	-.0078668	.0072219
70	1		-.0042138	.0039763	-1.06	0.289	-.0120073	.0035797
71	1		.0014362	.0039879	0.36	0.719	-.00638	.0092524
72	1		-.0002628	.003939	-0.07	0.947	-.0079832	.0074576
73	1		-.0029259	.0039486	-0.74	0.459	-.010665	.0048133
74	1		.0046593	.003972	1.17	0.241	-.0031257	.0124443
75	1		-.0015391	.0039472	-0.39	0.697	-.0092754	.0061973
76	1		.0021668	.0038573	0.56	0.574	-.0053934	.0097271
77	1		-.0024319	.0039424	-0.62	0.537	-.0101589	.005295
78	1		-.0046707	.0039799	-1.17	0.241	-.0124713	.0031298
79	1		.0029223	.0040372	0.72	0.469	-.0049904	.010835
80	1		-.0023321	.0047779	-0.49	0.625	-.0116967	.0070324
_cons			.015218	.0005418	28.09	0.000	.0141561	.01628

sigma_u			.00284474					
sigma_e			.13273131					
rho			.00045913	(fraction of variance due to u_i)				

. xtreg E_to_U i.tim i.tim#nc

Random-effects GLS regression
Group variable: serial
74,383

Number of obs = 4,803,680
Number of groups =

R-sq:

Obs per group:

within = 0.0004
 between = 0.0001
 overall = 0.0004

min = 1
 avg = 64.6
 max = 116

corr(u_i, X) = 0 (assumed) Wald chi2(159) = 2066.23
 Prob > chi2 = 0.0000

E_to_U	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim					
2	.0015371	.0006017	2.55	0.011	.0003578 .0027163
3	.0003813	.0006041	0.63	0.528	-.0008028 .0015654
4	.0019103	.0006026	3.17	0.002	.0007292 .0030913
5	.0016117	.0006085	2.65	0.008	.0004191 .0028043
6	.0016936	.000599	2.83	0.005	.0005196 .0028677
7	.0020553	.0005804	3.54	0.000	.0009178 .0031928
8	.0050193	.0005802	8.65	0.000	.0038821 .0061566
9	.0030778	.000584	5.27	0.000	.0019331 .0042225
10	.0028634	.000583	4.91	0.000	.0017207 .0040061
11	.0021297	.0005821	3.66	0.000	.0009888 .0032706
12	.0049518	.0005807	8.53	0.000	.0038137 .0060899
13	.0018373	.0005856	3.14	0.002	.0006896 .002985
14	.002468	.0005853	4.22	0.000	.0013208 .0036152
15	.0026918	.0005886	4.57	0.000	.0015383 .0038454
16	.0034363	.000587	5.85	0.000	.0022857 .0045868
17	.0013175	.0005904	2.23	0.026	.0001603 .0024748
18	.0017427	.0005908	2.95	0.003	.0005848 .0029006
19	.0013656	.0005917	2.31	0.021	.0002059 .0025253
20	.0031609	.0005884	5.37	0.000	.0020076 .0043141
21	.0013467	.0005928	2.27	0.023	.0001849 .0025085
22	.0019104	.0005909	3.23	0.001	.0007523 .0030685
23	.0006655	.000592	1.12	0.261	-.0004949 .0018258
24	.00138	.0005918	2.33	0.020	.0002201 .0025399
25	.0016321	.0005942	2.75	0.006	.0004676 .0027967
26	.0020722	.0005933	3.49	0.000	.0009092 .0032351
27	.0001102	.0005918	0.19	0.852	-.0010498 .0012701
28	.0027704	.0005929	4.67	0.000	.0016084 .0039324
29	.0009814	.0005964	1.65	0.100	-.0001875 .0021504
30	.0007065	.0005947	1.19	0.235	-.0004591 .0018721
31	.0006231	.0005957	1.05	0.295	-.0005443 .0017906
32	.0023914	.0005958	4.01	0.000	.0012236 .0035592
33	.0020559	.0005967	3.45	0.001	.0008864 .0032255
34	.0023415	.0005965	3.93	0.000	.0011723 .0035106
35	.0031169	.0005986	5.21	0.000	.0019437 .0042901
36	.0087452	.0006035	14.49	0.000	.0075623 .009928
37	.0074808	.0006011	12.44	0.000	.0063027 .008659
38	.0062044	.000602	10.31	0.000	.0050245 .0073842
39	.0066388	.0006033	11.00	0.000	.0054564 .0078213
40	.0075063	.0006062	12.38	0.000	.0063181 .0086944
41	.0055915	.0006042	9.26	0.000	.0044074 .0067756
42	.0052662	.0006048	8.71	0.000	.0040807 .0064516
43	.0055661	.0006052	9.20	0.000	.0043799 .0067524
44	.0072399	.0006073	11.92	0.000	.0060497 .0084301
45	.0038151	.0006091	6.26	0.000	.0026214 .0050088
46	.0051074	.0006093	8.38	0.000	.0039131 .0063016
47	.0042577	.0006093	6.99	0.000	.0030635 .0054518
48	.0058183	.0006103	9.53	0.000	.0046221 .0070145
49	.003737	.0006111	6.11	0.000	.0025392 .0049348
50	.0043457	.0006108	7.11	0.000	.0031486 .0055428
51	.0033642	.0006117	5.50	0.000	.0021653 .0045631
52	.0051501	.000611	8.43	0.000	.0039526 .0063476
53	.0026572	.000614	4.33	0.000	.0014538 .0038606

54		.0037141	.0006131	6.06	0.000	.0025125	.0049157	
55		.0036855	.0006145	6.00	0.000	.002481	.00489	
56		.0033139	.0006141	5.40	0.000	.0021102	.0045175	
57		.0012708	.0006165	2.06	0.039	.0000625	.0024791	
58		.0029707	.0006149	4.83	0.000	.0017654	.0041759	
59		.0014279	.000614	2.33	0.020	.0002246	.0026312	
60		.0033915	.0006125	5.54	0.000	.002191	.0045921	
61		.0013481	.0006172	2.18	0.029	.0001384	.0025579	
62		.0018324	.0006199	2.96	0.003	.0006174	.0030474	
63		.0008291	.0006212	1.33	0.182	-.0003885	.0020467	
64		.0024324	.0006199	3.92	0.000	.0012174	.0036474	
65		.0009619	.0006229	1.54	0.123	-.000259	.0021828	
66		.0014802	.0006223	2.38	0.017	.0002604	.0027	
67		.0006251	.0006183	1.01	0.312	-.0005868	.0018371	
68		.0023227	.0006204	3.74	0.000	.0011067	.0035388	
69		.0007947	.000623	1.28	0.202	-.0004263	.0020157	
70		.0011015	.0006252	1.76	0.078	-.0001238	.0023268	
71		.0002482	.0006242	0.40	0.691	-.0009753	.0014716	
72		.0016717	.0006239	2.68	0.007	.0004488	.0028946	
73		.0002195	.0006284	0.35	0.727	-.0010123	.0014512	
74		-.0000628	.0006282	-0.10	0.920	-.0012942	.0011685	
75		-.0003774	.0006297	-0.60	0.549	-.0016116	.0008567	
76		.0014104	.0006298	2.24	0.025	.000176	.0026449	
77		-.0013302	.0006366	-2.09	0.037	-.0025779	-.0000826	
78		-.0004872	.0006394	-0.76	0.446	-.0017404	.000766	
79		-.001271	.0006383	-1.99	0.046	-.002522	-.0000201	
80		-.0006961	.0007178	-0.97	0.332	-.0021031	.0007108	
tim#nc								
1	1		-.0006463	.0025838	-0.25	0.802	-.0057106	.0044179
2	1		-.0025065	.00265	-0.95	0.344	-.0077005	.0026875
3	1		.0041271	.0026955	1.53	0.126	-.0011559	.0094101
4	1		.0006678	.0026918	0.25	0.804	-.0046079	.0059436
5	1		.0021996	.0026968	0.82	0.415	-.003086	.0074851
6	1		.0073739	.0027975	2.64	0.008	.001891	.0128568
7	1		-.0023167	.0027467	-0.84	0.399	-.0077002	.0030667
8	1		.0092807	.0026894	3.45	0.001	.0040096	.0145517
9	1		.0081467	.0028476	2.86	0.004	.0025656	.0137278
10	1		.004211	.0027963	1.51	0.132	-.0012696	.0096915
11	1		.0007424	.0027938	0.27	0.790	-.0047334	.0062182
12	1		.0024323	.0027661	0.88	0.379	-.0029892	.0078539
13	1		.0000696	.0027722	0.03	0.980	-.0053638	.005503
14	1		.0020049	.0028142	0.71	0.476	-.0035108	.0075206
15	1		.0034594	.002781	1.24	0.214	-.0019913	.00891
16	1		.0026187	.0028321	0.92	0.355	-.0029322	.0081695
17	1		.0026132	.0028422	0.92	0.358	-.0029575	.0081839
18	1		-.0019385	.0028759	-0.67	0.500	-.0075752	.0036982
19	1		-.0035056	.0027943	-1.25	0.210	-.0089824	.0019712
20	1		-.0009824	.0028147	-0.35	0.727	-.006499	.0045343
21	1		.0042361	.002859	1.48	0.138	-.0013675	.0098396
22	1		.0012647	.0029287	0.43	0.666	-.0044755	.0070049
23	1		-.0035705	.0029367	-1.22	0.224	-.0093263	.0021853
24	1		-.0039245	.0028545	-1.37	0.169	-.0095192	.0016702
25	1		-.0052291	.0029858	-1.75	0.080	-.0110813	.000623
26	1		-.0010607	.0029498	-0.36	0.719	-.0068422	.0047208
27	1		-.0033404	.0028893	-1.16	0.248	-.0090034	.0023225
28	1		.0032604	.0029827	1.09	0.274	-.0025857	.0091064
29	1		-.0041579	.0030828	-1.35	0.177	-.0102001	.0018843
30	1		.0013253	.0029809	0.44	0.657	-.0045172	.0071677
31	1		-.0033934	.0029789	-1.14	0.255	-.009232	.0024451
32	1		-.001867	.0030184	-0.62	0.536	-.0077829	.0040489
33	1		.0071766	.0030585	2.35	0.019	.0011819	.0131712
34	1		-.0012541	.0029604	-0.42	0.672	-.0070564	.0045482

35	1	-.000456	.0029753	-0.15	0.878	-.0062875	.0053755
36	1	-.0014634	.0031131	-0.47	0.638	-.0075651	.0046382
37	1	.0033023	.00305	1.08	0.279	-.0026756	.0092802
38	1	.0032415	.00308	1.05	0.293	-.0027953	.0092782
39	1	-.0019197	.0031069	-0.62	0.537	-.0080092	.0041697
40	1	.0006837	.0031137	0.22	0.826	-.0054191	.0067865
41	1	-.0007042	.0030344	-0.23	0.816	-.0066514	.005243
42	1	-.0014038	.0031215	-0.45	0.653	-.0075219	.0047143
43	1	.0047448	.003142	1.51	0.131	-.0014135	.0109031
44	1	.0053453	.0031873	1.68	0.094	-.0009016	.0115923
45	1	.0093205	.0032234	2.89	0.004	.0030027	.0156383
46	1	-.0018262	.0031605	-0.58	0.563	-.0080206	.0043682
47	1	.0123511	.0031577	3.91	0.000	.0061621	.01854
48	1	.0022549	.003277	0.69	0.491	-.0041678	.0086777
49	1	-.0002442	.003192	-0.08	0.939	-.0065004	.006012
50	1	.0065596	.0031253	2.10	0.036	.0004342	.0126851
51	1	-.0021529	.0031135	-0.69	0.489	-.0082553	.0039495
52	1	.0009483	.0030805	0.31	0.758	-.0050894	.0069861
53	1	-.0026794	.0032303	-0.83	0.407	-.0090106	.0036519
54	1	-.0058903	.0031391	-1.88	0.061	-.0120429	.0002622
55	1	-.0025098	.0031102	-0.81	0.420	-.0086057	.003586
56	1	-.0037939	.0031233	-1.21	0.224	-.0099154	.0023276
57	1	.0003619	.0031687	0.11	0.909	-.0058487	.0065725
58	1	-.0077973	.0031479	-2.48	0.013	-.013967	-.0016275
59	1	.0022026	.0030954	0.71	0.477	-.0038642	.0082694
60	1	-.0031411	.003095	-1.01	0.310	-.0092072	.002925
61	1	.002962	.0030702	0.96	0.335	-.0030554	.0089794
62	1	.0009557	.0030937	0.31	0.757	-.0051078	.0070192
63	1	.0081467	.0030385	2.68	0.007	.0021914	.0141021
64	1	-.001947	.0030008	-0.65	0.516	-.0078284	.0039344
65	1	-.0041983	.0030727	-1.37	0.172	-.0102206	.0018241
66	1	.0005148	.0029849	0.17	0.863	-.0053355	.006365
67	1	-.0024464	.0030137	-0.81	0.417	-.0083531	.0034604
68	1	-.0020394	.0029526	-0.69	0.490	-.0078264	.0037476
69	1	-.0041213	.0030253	-1.36	0.173	-.0100508	.0018082
70	1	-.0015328	.0031253	-0.49	0.624	-.0076583	.0045927
71	1	.0002439	.0031341	0.08	0.938	-.0058989	.0063866
72	1	.002848	.0030959	0.92	0.358	-.0032199	.0089158
73	1	-.0008048	.0031036	-0.26	0.795	-.0068878	.0052781
74	1	-.0022027	.0031218	-0.71	0.480	-.0083214	.003916
75	1	.0066913	.0031024	2.16	0.031	.0006107	.0127719
76	1	-.003964	.0030318	-1.31	0.191	-.0099063	.0019783
77	1	.003226	.0030987	1.04	0.298	-.0028474	.0092994
78	1	-.0000138	.003128	-0.00	0.996	-.0061446	.0061169
79	1	-.0017231	.003173	-0.54	0.587	-.0079421	.0044959
80	1	.0049437	.0037548	1.32	0.188	-.0024156	.012303
_cons		.0084312	.0004259	19.79	0.000	.0075964	.0092661

sigma_u		.00427302	
sigma_e		.10431636	
rho		.00167509	(fraction of variance due to u_i)

```
. xtreg E_to_E i.tim i.tim#nc
```

```
Random-effects GLS regression
Group variable: serial
```

```
Number of obs      = 4,803,680
Number of groups   = 74,383
```

```
R-sq:
```

```
within  = 0.0002
between = 0.0005
overall  = 0.0002
```

```
Obs per group:
```

```
min = 1
avg  = 64.6
max  = 116
```


corr(u_i, X) = 0 (assumed) Wald chi2(159) = 758.52
 Prob > chi2 = 0.0000

E_to_E	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim					
2	-.0048493	.0009702	-5.00	0.000	-.0067508 - .0029478
3	-.0029654	.0009742	-3.04	0.002	-.0048747 - .001056
4	-.0050215	.0009717	-5.17	0.000	-.006926 - .003117
5	-.0035863	.0009811	-3.66	0.000	-.0055093 - .0016633
6	-.0065506	.0009659	-6.78	0.000	-.0084437 - .0046575
7	-.0058003	.0009358	-6.20	0.000	-.0076344 - .0039661
8	-.0072015	.0009356	-7.70	0.000	-.0090353 - .0053678
9	-.0038348	.0009417	-4.07	0.000	-.0056806 - .0019891
10	-.0070372	.0009401	-7.49	0.000	-.0088798 - .0051945
11	-.0041111	.0009386	-4.38	0.000	-.0059507 - .0022714
12	-.0073701	.0009363	-7.87	0.000	-.0092052 - .0055349
13	-.0019654	.0009442	-2.08	0.037	-.003816 - .0001148
14	-.0055888	.0009438	-5.92	0.000	-.0074386 - .003739
15	-.0061471	.000949	-6.48	0.000	-.0080072 - .0042871
16	-.0056071	.0009465	-5.92	0.000	-.0074623 - .0037519
17	-.0020217	.000952	-2.12	0.034	-.0038876 - .0001557
18	-.0055465	.0009526	-5.82	0.000	-.0074136 - .0036794
19	-.0044617	.0009541	-4.68	0.000	-.0063316 - .0025917
20	-.0050201	.0009488	-5.29	0.000	-.0068797 - .0031605
21	-.0024943	.0009558	-2.61	0.009	-.0043677 - .0006209
22	-.0060103	.0009528	-6.31	0.000	-.0078777 - .0041428
23	-.0024013	.0009546	-2.52	0.012	-.0042724 - .0005303
24	-.0041558	.0009543	-4.35	0.000	-.0060262 - .0022855
25	-.0028419	.0009581	-2.97	0.003	-.0047197 - .0009641
26	-.0060938	.0009567	-6.37	0.000	-.007969 - .0042186
27	-.0034767	.0009543	-3.64	0.000	-.005347 - .0016063
28	-.0048021	.000956	-5.02	0.000	-.0066758 - .0029285
29	-.0032335	.0009617	-3.36	0.001	-.0051184 - .0013487
30	-.0039732	.0009589	-4.14	0.000	-.0058526 - .0020938
31	-.0038079	.0009605	-3.96	0.000	-.0056904 - .0019254
32	-.0044829	.0009607	-4.67	0.000	-.0063659 - .0025999
33	-.0024458	.0009622	-2.54	0.011	-.0043316 - .000056
34	-.0054016	.0009619	-5.62	0.000	-.0072868 - .0035164
35	-.0044673	.0009652	-4.63	0.000	-.0063591 - .0025756
36	-.009705	.0009732	-9.97	0.000	-.0116124 - .0077977
37	-.0075645	.0009693	-7.80	0.000	-.0094642 - .0056648
38	-.0075503	.0009706	-7.78	0.000	-.0094527 - .0056479
39	-.0077914	.0009728	-8.01	0.000	-.009698 - .0058847
40	-.0078992	.0009775	-8.08	0.000	-.0098151 - .0059833
41	-.0059445	.0009742	-6.10	0.000	-.0078539 - .0040352
42	-.0081424	.0009753	-8.35	0.000	-.0100539 - .006231
43	-.0070723	.0009759	-7.25	0.000	-.0089851 - .0051596
44	-.0089195	.0009792	-9.11	0.000	-.0108386 - .0070003
45	-.0041673	.0009821	-4.24	0.000	-.0060921 - .0022425
46	-.0091159	.0009825	-9.28	0.000	-.0110415 - .0071903
47	-.0061188	.0009824	-6.23	0.000	-.0080444 - .0041933
48	-.007075	.0009841	-7.19	0.000	-.0090038 - .0051461
49	-.003593	.0009854	-3.65	0.000	-.0055244 - .0016616
50	-.0072242	.0009849	-7.34	0.000	-.0091546 - .0052939
51	-.0050912	.0009863	-5.16	0.000	-.0070243 - .003158
52	-.0066917	.0009852	-6.79	0.000	-.0086227 - .0047608
53	-.0039639	.0009901	-4.00	0.000	-.0059044 - .0020234
54	-.0078174	.0009885	-7.91	0.000	-.0097549 - .0058799
55	-.0065876	.0009909	-6.65	0.000	-.0085297 - .0046454
56	-.0050098	.0009902	-5.06	0.000	-.0069507 - .003069

57		-.0018669	.0009941	-1.88	0.060	-.0038152	.0000815
58		-.0066999	.0009915	-6.76	0.000	-.0086433	-.0047565
59		-.0049281	.00099	-4.98	0.000	-.0068684	-.0029878
60		-.0076967	.0009877	-7.79	0.000	-.0096325	-.0057608
61		-.0045427	.0009952	-4.56	0.000	-.0064933	-.0025292
62		-.0091504	.0009995	-9.15	0.000	-.0111095	-.0071913
63		-.0057546	.0010017	-5.74	0.000	-.0077179	-.0037912
64		-.0072104	.0009995	-7.21	0.000	-.0091695	-.0052514
65		-.0037964	.0010045	-3.78	0.000	-.005765	-.0018277
66		-.0064274	.0010035	-6.40	0.000	-.0083943	-.0044606
67		-.004719	.000997	-4.73	0.000	-.0066732	-.0027648
68		-.0066057	.0010004	-6.60	0.000	-.0085665	-.0046448
69		-.0039371	.0010045	-3.92	0.000	-.0059059	-.0019684
70		-.006952	.0010081	-6.90	0.000	-.0089277	-.0049762
71		-.0056209	.0010065	-5.58	0.000	-.0075937	-.0036482
72		-.0056625	.0010061	-5.63	0.000	-.0076343	-.0036907
73		-.0033958	.0010133	-3.35	0.001	-.0053819	-.0014097
74		-.0054788	.001013	-5.41	0.000	-.0074642	-.0034933
75		-.0041482	.0010153	-4.09	0.000	-.0061382	-.0021583
76		-.0069765	.0010156	-6.87	0.000	-.008967	-.004986
77		-.0030208	.0010264	-2.94	0.003	-.0050326	-.001009
78		-.0063341	.001031	-6.14	0.000	-.0083548	-.0043134
79		-.0030248	.0010292	-2.94	0.003	-.0050419	-.0010077
80		-.0027936	.0011575	-2.41	0.016	-.0050622	-.0005249
tim#nc							
1 1		.0017671	.0041662	0.42	0.671	-.0063985	.0099326
2 1		.0073628	.0042729	1.72	0.085	-.0010119	.0157375
3 1		.0073662	.0043461	1.69	0.090	-.0011521	.0158845
4 1		-.0029127	.0043402	-0.67	0.502	-.0114193	.0055939
5 1		-.003696	.0043481	-0.85	0.395	-.0122181	.0048261
6 1		-.0046178	.0045106	-1.02	0.306	-.0134584	.0042229
7 1		.0085459	.0044288	1.93	0.054	-.0001344	.0172262
8 1		-.0130491	.0043363	-3.01	0.003	-.0215481	-.0045501
9 1		-.008048	.0045915	-1.75	0.080	-.0170471	.000951
10 1		-.0001397	.0045086	-0.03	0.975	-.0089763	.0086969
11 1		-.004415	.0045048	-0.98	0.327	-.0132442	.0044142
12 1		-.0003501	.0044601	-0.08	0.937	-.0090918	.0083916
13 1		.0002545	.0044697	0.06	0.955	-.008506	.009015
14 1		-.0033979	.0045375	-0.75	0.454	-.0122912	.0054953
15 1		-.005503	.004484	-1.23	0.220	-.0142916	.0032855
16 1		-.0001637	.0045665	-0.04	0.971	-.009114	.0087865
17 1		-.0009895	.0045827	-0.22	0.829	-.0099714	.0079923
18 1		.0033527	.0046371	0.72	0.470	-.005736	.0124413
19 1		.0038091	.0045054	0.85	0.398	-.0050214	.0126395
20 1		.0025761	.0045383	0.57	0.570	-.0063189	.0114711
21 1		-.0038926	.0046097	-0.84	0.398	-.0129274	.0051423
22 1		.000397	.0047218	0.08	0.933	-.0088575	.0096515
23 1		-.0017798	.0047351	-0.38	0.707	-.0110605	.0075009
24 1		.0059858	.0046025	1.30	0.193	-.0030349	.0150066
25 1		.00735	.0048141	1.53	0.127	-.0020855	.0167854
26 1		.0040183	.004756	0.84	0.398	-.0053033	.01334
27 1		.005565	.0046585	1.19	0.232	-.0035655	.0146954
28 1		-.0018521	.0048093	-0.39	0.700	-.0112782	.0075739
29 1		-.0038918	.0049702	-0.78	0.434	-.0136333	.0058497
30 1		.0037422	.0048057	0.78	0.436	-.0056769	.0131613
31 1		.0059635	.004803	1.24	0.214	-.0034502	.0153771
32 1		.0046182	.0048666	0.95	0.343	-.0049201	.0141565
33 1		-.0099566	.0049311	-2.02	0.043	-.0196215	-.0002918
34 1		.0039259	.0047727	0.82	0.411	-.0054286	.0132803
35 1		-.0122944	.004797	-2.56	0.010	-.0216964	-.0028925
36 1		-.0074945	.0050197	-1.49	0.135	-.017333	.002344
37 1		-.0037095	.0049177	-0.75	0.451	-.013348	.0059289

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38 1 | -.005336 .0049658 -1.07 0.283 -.0150687 .0043968
39 1 | .0011157 .0050095 0.22 0.824 -.0087027 .0109341
40 1 | -.002286 .0050207 -0.46 0.649 -.0121264 .0075543
41 1 | .0065784 .0048925 1.34 0.179 -.0030107 .0161675
42 1 | .0012264 .0050332 0.24 0.807 -.0086385 .0110913
43 1 | .0042726 .0050662 0.84 0.399 -.0056571 .0142022
44 1 | -.0027498 .0051392 -0.54 0.593 -.0128224 .0073227
45 1 | -.0085448 .005197 -1.64 0.100 -.0187308 .0016411
46 1 | .0049701 .0050955 0.98 0.329 -.0050168 .014957
47 1 | -.0193602 .005091 -3.80 0.000 -.0293383 -.0093821
48 1 | -.0069355 .0052833 -1.31 0.189 -.0172905 .0034196
49 1 | .0026028 .0051463 0.51 0.613 -.0074837 .0126893
50 1 | -.0076496 .0050387 -1.52 0.129 -.0175252 .0022261
51 1 | .000163 .0050197 0.03 0.974 -.0096754 .0100014
52 1 | -.0036356 .0049666 -0.73 0.464 -.0133699 .0060986
53 1 | .0014867 .0052081 0.29 0.775 -.008721 .0116945
54 1 | .0120602 .005061 2.38 0.017 .0021407 .0219796
55 1 | -.001853 .0050143 -0.37 0.712 -.0116807 .0079748
56 1 | -.0001905 .0050354 -0.04 0.970 -.0100598 .0096787
57 1 | -.0105295 .0051088 -2.06 0.039 -.0205427 -.0005164
58 1 | .0046425 .0050751 0.91 0.360 -.0053046 .0145895
59 1 | -.0065917 .0049905 -1.32 0.187 -.0163729 .0031895
60 1 | -.0012498 .0049899 -0.25 0.802 -.0110299 .0085303
61 1 | -.0055494 .0049499 -1.12 0.262 -.015251 .0041522
62 1 | .001993 .0049879 0.40 0.689 -.0077831 .0117691
63 1 | -.0102115 .0048988 -2.08 0.037 -.019813 -.0006099
64 1 | -.0045409 .004838 -0.94 0.348 -.0140233 .0049414
65 1 | .0080184 .0049539 1.62 0.106 -.0016911 .0177279
66 1 | -.0057509 .0048124 -1.20 0.232 -.015183 .0036812
67 1 | .0007697 .0048588 0.16 0.874 -.0087534 .0102928
68 1 | -.0056514 .0047603 -1.19 0.235 -.0149814 .0036785
69 1 | .0038026 .0048776 0.78 0.436 -.0057574 .0133625
70 1 | .0052929 .0050388 1.05 0.294 -.0045829 .0151687
71 1 | -.0015505 .0050532 -0.31 0.759 -.0114546 .0083536
72 1 | -.0023692 .0049914 -0.47 0.635 -.0121522 .0074138
73 1 | .0020747 .0050037 0.41 0.678 -.0077324 .0118818
74 1 | -.0022223 .0050332 -0.44 0.659 -.0120872 .0076426
75 1 | -.0056107 .0050019 -1.12 0.262 -.0154142 .0041928
76 1 | .0020882 .004888 0.43 0.669 -.0074922 .0116686
77 1 | -.0004245 .0049959 -0.08 0.932 -.0102162 .0093673
78 1 | .0049783 .0050432 0.99 0.324 -.0049062 .0148628
79 1 | -.0007611 .0051158 -0.15 0.882 -.0107878 .0092656
80 1 | -.002183 .006054 -0.36 0.718 -.0140487 .0096826
   |
   _cons | .9761462 .0006867 1421.57 0.000 .9748004 .9774921
-----+-----
sigma_u | .00575911
sigma_e | .16815457
rho | .00117161 (fraction of variance due to u_i)
-----+-----

```

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. /* Huber-White */
. reg E_to_N i.tim i.tim#nc , vce(robust)

```

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Linear regression          Number of obs   = 4,803,680
                          F(159, 4803520)   = 4.99
                          Prob > F       = 0.0000
                          R-squared       = 0.0002
                          Root MSE     = .13284

```

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-----+-----
|                                     Robust

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E_to_N	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
tim					
2	.0033297	.0007425	4.48	0.000	.0018745 .004785
3	.0026431	.0007383	3.58	0.000	.001196 .0040903
4	.0032646	.0007431	4.39	0.000	.0018082 .004721
5	.0021794	.0007388	2.95	0.003	.0007314 .0036274
6	.0049605	.000756	6.56	0.000	.0034788 .0064422
7	.0038736	.0007188	5.39	0.000	.0024649 .0052824
8	.002286	.0007033	3.25	0.001	.0009077 .0036644
9	.0008906	.0006941	1.28	0.199	-.0004697 .002251
10	.0042841	.0007265	5.90	0.000	.0028603 .0057079
11	.0020359	.0007032	2.90	0.004	.0006577 .0034141
12	.0024859	.0007058	3.52	0.000	.0011026 .0038692
13	.0001482	.0006882	0.22	0.829	-.0012006 .0014971
14	.0031739	.0007187	4.42	0.000	.0017652 .0045826
15	.0034551	.0007259	4.76	0.000	.0020323 .0048779
16	.0023043	.0007122	3.24	0.001	.0009084 .0037003
17	.0007998	.0007009	1.14	0.254	-.000574 .0021736
18	.0038621	.0007331	5.27	0.000	.0024252 .005299
19	.0031449	.000727	4.33	0.000	.0017199 .0045698
20	.0019216	.0007101	2.71	0.007	.0005297 .0033134
21	.0012081	.0007082	1.71	0.088	-.0001799 .0025961
22	.0041523	.0007362	5.64	0.000	.0027094 .0055952
23	.0014952	.0007103	2.10	0.035	.000103 .0028873
24	.0027895	.0007235	3.86	0.000	.0013714 .0042076
25	.001271	.0007106	1.79	0.074	-.0001217 .0026637
26	.0040011	.0007381	5.42	0.000	.0025545 .0054477
27	.0033778	.0007296	4.63	0.000	.0019478 .0048078
28	.0020452	.0007171	2.85	0.004	.0006396 .0034508
29	.0022621	.000724	3.12	0.002	.0008431 .0036812
30	.0033245	.0007329	4.54	0.000	.0018879 .004761
31	.0031313	.0007322	4.28	0.000	.0016961 .0045664
32	.002051	.000721	2.84	0.004	.0006379 .0034642
33	.000421	.0007044	0.60	0.550	-.0009596 .0018017
34	.0030451	.0007325	4.16	0.000	.0016095 .0044807
35	.0014015	.0007175	1.95	0.051	-4.78e-06 .0028077
36	.0009687	.0007188	1.35	0.178	-.0004401 .0023775
37	.0000673	.0007057	0.10	0.924	-.0013158 .0014505
38	.0014327	.0007221	1.98	0.047	.0000175 .0028479
39	.0010958	.00072	1.52	0.128	-.0003153 .0025069
40	.0004522	.0007162	0.63	0.528	-.0009515 .0018558
41	.000378	.0007128	0.53	0.596	-.0010191 .0017752
42	.0028538	.0007415	3.85	0.000	.0014005 .0043071
43	.0015595	.0007276	2.14	0.032	.0001334 .0029855
44	.0017118	.0007319	2.34	0.019	.0002774 .0031463
45	.00034	.0007182	0.47	0.636	-.0010677 .0017477
46	.0039946	.0007601	5.26	0.000	.0025048 .0054845
47	.00188	.0007363	2.55	0.011	.0004368 .0033232
48	.0012742	.0007307	1.74	0.081	-.0001579 .0027062
49	-.0000531	.000716	-0.07	0.941	-.0014565 .0013502
50	.0029265	.0007502	3.90	0.000	.0014561 .0043969
51	.001703	.0007374	2.31	0.021	.0002578 .0031483
52	.0016267	.0007356	2.21	0.027	.0001849 .0030684
53	.0014113	.0007369	1.92	0.055	-.0000329 .0028556
54	.0041896	.0007675	5.46	0.000	.0026853 .0056939
55	.003018	.0007563	3.99	0.000	.0015357 .0045002
56	.001783	.0007414	2.40	0.016	.0003299 .0032361
57	.0005205	.0007293	0.71	0.475	-.0009088 .0019499
58	.0036406	.0007639	4.77	0.000	.0021434 .0051379
59	.0035427	.0007614	4.65	0.000	.0020503 .0050352
60	.0043216	.0007683	5.63	0.000	.0028158 .0058273
61	.0031405	.0007613	4.13	0.000	.0016485 .0046326

62		.007265	.0008116	8.95	0.000	.0056743	.0088558
63		.0049506	.0007877	6.29	0.000	.0034068	.0064945
64		.004786	.0007839	6.11	0.000	.0032496	.0063224
65		.0028042	.0007649	3.67	0.000	.001305	.0043034
66		.0049355	.0007891	6.25	0.000	.0033889	.0064821
67		.003988	.0007726	5.16	0.000	.0024738	.0055022
68		.0042736	.0007788	5.49	0.000	.0027472	.0057999
69		.003185	.0007695	4.14	0.000	.0016769	.0046931
70		.0056642	.0008016	7.07	0.000	.0040932	.0072353
71		.0054312	.0007975	6.81	0.000	.0038681	.0069943
72		.0039822	.0007802	5.10	0.000	.002453	.0055115
73		.0032874	.0007781	4.23	0.000	.0017624	.0048125
74		.0054997	.0008041	6.84	0.000	.0039236	.0070758
75		.004409	.0007933	5.56	0.000	.0028541	.0059638
76		.0055958	.0008076	6.93	0.000	.004013	.0071787
77		.0043205	.0008019	5.39	0.000	.0027489	.0058921
78		.0068898	.0008371	8.23	0.000	.0052492	.0085305
79		.0042811	.0008037	5.33	0.000	.0027058	.0058564
80		.0034306	.0009001	3.81	0.000	.0016664	.0051948
tim#nc							
1 1		-.0009113	.0029413	-0.31	0.757	-.0066761	.0048536
2 1		-.0047333	.0029753	-1.59	0.112	-.0105647	.0010981
3 1		-.0113594	.0021191	-5.36	0.000	-.0155129	-.007206
4 1		.0022602	.0036695	0.62	0.538	-.0049319	.0094523
5 1		.00145	.0035086	0.41	0.679	-.0054268	.0083267
6 1		-.0026306	.003524	-0.75	0.455	-.0095375	.0042762
7 1		-.0062063	.0029813	-2.08	0.037	-.0120496	-.0003629
8 1		.0026298	.003613	0.73	0.467	-.0044516	.0097113
9 1		-.000058	.0034278	-0.02	0.987	-.0067763	.0066603
10 1		-.0040378	.0033129	-1.22	0.223	-.0105311	.0024554
11 1		.0038028	.0038352	0.99	0.321	-.003714	.0113196
12 1		-.0018814	.0033101	-0.57	0.570	-.008369	.0046062
13 1		-.0008695	.0031752	-0.27	0.784	-.0070927	.0053538
14 1		.0015409	.0037642	0.41	0.682	-.0058368	.0089187
15 1		.0021643	.0038006	0.57	0.569	-.0052847	.0096133
16 1		-.0030987	.0032411	-0.96	0.339	-.0094512	.0032538
17 1		-.0015	.0032592	-0.46	0.645	-.0078878	.0048879
18 1		-.0012322	.0036495	-0.34	0.736	-.0083851	.0059207
19 1		-.0001388	.0035798	-0.04	0.969	-.0071552	.0068776
20 1		-.0014772	.0033505	-0.44	0.659	-.0080441	.0050896
21 1		-.0010036	.0033762	-0.30	0.766	-.0076209	.0056136
22 1		-.0024041	.0036262	-0.66	0.507	-.0095113	.0047032
23 1		.0050131	.0040917	1.23	0.221	-.0030064	.0130327
24 1		-.0018981	.003446	-0.55	0.582	-.0086521	.004856
25 1		-.0020503	.0034153	-0.60	0.548	-.0087443	.0046436
26 1		-.0027832	.0035975	-0.77	0.439	-.0098342	.0042679
27 1		-.0020877	.0035299	-0.59	0.554	-.0090062	.0048309
28 1		-.002047	.0035014	-0.58	0.559	-.0089096	.0048156
29 1		.0081868	.0046546	1.76	0.079	-.000936	.0173097
30 1		-.0049602	.0033146	-1.50	0.135	-.0114566	.0015363
31 1		-.0031817	.0034937	-0.91	0.362	-.0100291	.0036658
32 1		-.0025109	.0034909	-0.72	0.472	-.0093529	.0043311
33 1		.0028835	.003943	0.73	0.465	-.0048446	.0106115
34 1		-.002511	.0035345	-0.71	0.477	-.0094385	.0044164
35 1		.0120242	.0047326	2.54	0.011	.0027483	.0213
36 1		.0091227	.0046681	1.95	0.051	-.0000266	.018272
37 1		-.0002186	.0035587	-0.06	0.951	-.0071935	.0067563
38 1		-.0004351	.0037257	-0.12	0.907	-.0077374	.0068671
39 1		.0010664	.0038864	0.27	0.784	-.0065508	.0086836
40 1		.0017859	.0039022	0.46	0.647	-.0058623	.009434
41 1		-.0056583	.0028984	-1.95	0.051	-.0113391	.0000226
42 1		.0003533	.0040202	0.09	0.930	-.0075263	.0082328

10		.0028637	.0005493	5.21	0.000	.0017871	.0039403
11		.0021196	.0005386	3.94	0.000	.001064	.0031751
12		.0049451	.0005727	8.63	0.000	.0038226	.0060675
13		.0018411	.0005384	3.42	0.001	.0007859	.0028964
14		.0024753	.0005466	4.53	0.000	.0014039	.0035467
15		.0026865	.0005529	4.86	0.000	.0016028	.0037701
16		.0034338	.0005611	6.12	0.000	.0023341	.0045336
17		.0013288	.0005362	2.48	0.013	.0002779	.0023798
18		.0017398	.0005423	3.21	0.001	.0006768	.0028027
19		.0013696	.0005538	2.55	0.011	.0003151	.0024241
20		.0031603	.0005591	5.65	0.000	.0020646	.0042561
21		.0013514	.0005388	2.51	0.012	.0002953	.0024074
22		.0019161	.0005449	3.52	0.000	.0008482	.002984
23		.0006628	.0005282	1.25	0.210	-.0003725	.0016982
24		.0013787	.0005383	2.56	0.010	.0003237	.0024337
25		.0016345	.0005442	3.00	0.003	.0005678	.0027011
26		.0020637	.0005494	3.76	0.000	.0009869	.0031406
27		.0001054	.0005199	0.20	0.839	-.0009136	.0011245
28		.0027634	.0005586	4.95	0.000	.0016686	.0038582
29		.0009728	.0005368	1.81	0.070	-.0000794	.002025
30		.0007046	.0005313	1.33	0.185	-.0003367	.001746
31		.000623	.000531	1.17	0.241	-.0004177	.0016638
32		.0023885	.0005566	4.29	0.000	.0012977	.0034794
33		.0020522	.0005527	3.71	0.000	.0009689	.0031355
34		.0023426	.0005566	4.21	0.000	.0012517	.0034336
35		.003113	.0005696	5.46	0.000	.0019965	.0042295
36		.0087441	.0006501	13.45	0.000	.0074699	.0100183
37		.0074797	.0006308	11.86	0.000	.0062433	.0087161
38		.0062044	.0006155	10.08	0.000	.0049981	.0074107
39		.0066381	.0006229	10.66	0.000	.0054172	.007859
40		.0075097	.0006382	11.77	0.000	.0062589	.0087606
41		.0055758	.0006099	9.14	0.000	.0043803	.0067713
42		.0052479	.0006063	8.65	0.000	.0040595	.0064363
43		.0055563	.000611	9.09	0.000	.0043587	.0067539
44		.0072388	.0006361	11.38	0.000	.0059922	.0084855
45		.0038146	.0005913	6.45	0.000	.0026556	.0049735
46		.0051085	.0006099	8.38	0.000	.003913	.0063039
47		.0042509	.0005978	7.11	0.000	.0030792	.0054226
48		.0058105	.0006209	9.36	0.000	.0045936	.0070274
49		.0037304	.0005925	6.30	0.000	.0025692	.0048916
50		.0043388	.0006008	7.22	0.000	.0031611	.0055164
51		.0033499	.0005875	5.70	0.000	.0021983	.0045014
52		.0051483	.0006125	8.40	0.000	.0039477	.0063488
53		.0026595	.0005797	4.59	0.000	.0015232	.0037958
54		.0037195	.0005945	6.26	0.000	.0025543	.0048847
55		.0036885	.0005957	6.19	0.000	.0025209	.0048561
56		.003315	.0005897	5.62	0.000	.0021592	.0044708
57		.0012808	.0005608	2.28	0.022	.0001816	.00238
58		.0029767	.0005855	5.08	0.000	.0018291	.0041244
59		.0014334	.0005608	2.56	0.011	.0003343	.0025325
60		.0033946	.0005891	5.76	0.000	.0022399	.0045493
61		.0013615	.0005628	2.42	0.016	.0002583	.0024646
62		.0018402	.0005731	3.21	0.001	.0007169	.0029635
63		.0008348	.0005581	1.50	0.135	-.0002591	.0019287
64		.0024367	.0005825	4.18	0.000	.0012949	.0035784
65		.0009683	.0005619	1.72	0.085	-.0001331	.0020696
66		.0014839	.0005698	2.60	0.009	.000367	.0026007
67		.0006355	.0005521	1.15	0.250	-.0004467	.0017177
68		.0023236	.0005813	4.00	0.000	.0011842	.003463
69		.0007979	.0005591	1.43	0.154	-.0002979	.0018937
70		.0011143	.0005665	1.97	0.049	4.00e-06	.0022246
71		.0002566	.0005511	0.47	0.641	-.0008236	.0013368
72		.0016742	.0005745	2.91	0.004	.0005482	.0028002

73		.0002223	.0005543	0.40	0.688	-.0008642	.0013087
74		-.0000427	.0005495	-0.08	0.938	-.0011197	.0010344
75		-.0003674	.000545	-0.67	0.500	-.0014357	.0007008
76		.001421	.0005761	2.47	0.014	.0002918	.0025502
77		-.0013154	.0005332	-2.47	0.014	-.0023604	-.0002704
78		-.0004702	.0005513	-0.85	0.394	-.0015508	.0006104
79		-.0012673	.0005354	-2.37	0.018	-.0023167	-.000218
80		-.0007024	.0006117	-1.15	0.251	-.0019012	.0004965
tim#nc							
1 1		-.0006827	.0021726	-0.31	0.753	-.004941	.0035756
2 1		-.0024445	.0022039	-1.11	0.267	-.0067641	.0018752
3 1		.0041681	.0029124	1.43	0.152	-.0015401	.0098764
4 1		.0006588	.0026895	0.24	0.806	-.0046124	.00593
5 1		.002295	.0028453	0.81	0.420	-.0032817	.0078717
6 1		.0074321	.0035013	2.12	0.034	.0005697	.0142946
7 1		-.0023512	.0023705	-0.99	0.321	-.0069972	.0022949
8 1		.0092811	.0038226	2.43	0.015	.0017889	.0167733
9 1		.008184	.0037748	2.17	0.030	.0007856	.0155825
10 1		.0041665	.0032954	1.26	0.206	-.0022923	.0106254
11 1		.0006784	.0028182	0.24	0.810	-.0048451	.006202
12 1		.0024433	.003301	0.74	0.459	-.0040265	.0089131
13 1		.0000808	.0026873	0.03	0.976	-.0051862	.0053477
14 1		.0019061	.0030268	0.63	0.529	-.0040264	.0078386
15 1		.0034668	.0031854	1.09	0.276	-.0027764	.0097101
16 1		.0025557	.0032284	0.79	0.429	-.0037718	.0088833
17 1		.0025778	.0029985	0.86	0.390	-.0032991	.0084548
18 1		-.0019914	.0024872	-0.80	0.423	-.0068662	.0028835
19 1		-.0034927	.0021313	-1.64	0.101	-.00767	.0006846
20 1		-.0009142	.0027733	-0.33	0.742	-.0063499	.0045214
21 1		.0041687	.0032017	1.30	0.193	-.0021066	.010444
22 1		.001219	.0029953	0.41	0.684	-.0046517	.0070897
23 1		-.0036623	.0020809	-1.76	0.078	-.0077409	.0004163
24 1		-.0039523	.0021007	-1.88	0.060	-.0080697	.0001651
25 1		-.005253	.0019993	-2.63	0.009	-.0091715	-.0013344
26 1		-.0011041	.0027279	-0.40	0.686	-.0064507	.0042424
27 1		-.0032842	.0020125	-1.63	0.103	-.0072286	.0006603
28 1		.0032181	.0033979	0.95	0.344	-.0034416	.0098778
29 1		-.0042702	.0021254	-2.01	0.045	-.008436	-.0001045
30 1		.0012487	.0028898	0.43	0.666	-.0044152	.0069126
31 1		-.0034665	.0021393	-1.62	0.105	-.0076595	.0007265
32 1		-.0018022	.0027377	-0.66	0.510	-.0071679	.0035636
33 1		.0071946	.0038449	1.87	0.061	-.0003414	.0147305
34 1		-.0013239	.0027461	-0.48	0.630	-.006706	.0040583
35 1		-.0004054	.0029913	-0.14	0.892	-.0062681	.0054574
36 1		-.0014674	.0037114	-0.40	0.693	-.0087416	.0058069
37 1		.0033371	.0040069	0.83	0.405	-.0045164	.0111906
38 1		.0032836	.0039057	0.84	0.401	-.0043715	.0109387
39 1		-.002036	.00338	-0.60	0.547	-.0086606	.0045887
40 1		.0006396	.0038074	0.17	0.867	-.0068227	.0081019
41 1		-.0007608	.0033245	-0.23	0.819	-.0072768	.0057552
42 1		-.0013973	.0032969	-0.42	0.672	-.007859	.0050645
43 1		.0046803	.0040642	1.15	0.249	-.0032854	.012646
44 1		.0053741	.0043719	1.23	0.219	-.0031946	.0139429
45 1		.0092708	.0044615	2.08	0.038	.0005264	.0180152
46 1		-.0018584	.0032565	-0.57	0.568	-.0082411	.0045243
47 1		.0124311	.0047091	2.64	0.008	.0032015	.0216608
48 1		.0022004	.0039857	0.55	0.581	-.0056114	.0100123
49 1		-.0002448	.0033172	-0.07	0.941	-.0067465	.0062569
50 1		.0065464	.0041052	1.59	0.111	-.0014998	.0145925
51 1		-.002198	.0029109	-0.76	0.450	-.0079032	.0035071
52 1		.0009144	.0035232	0.26	0.795	-.0059909	.0078197
53 1		-.0026388	.0028399	-0.93	0.353	-.008205	.0029273

54	1	-.0059494	.0023817	-2.50	0.012	-.0106174	-.0012814
55	1	-.0025617	.0029052	-0.88	0.378	-.0082557	.0031323
56	1	-.0038572	.0026585	-1.45	0.147	-.0090677	.0013533
57	1	.0002169	.0030078	0.07	0.943	-.0056783	.0061122
58	1	-.0078449	.0018342	-4.28	0.000	-.0114399	-.0042498
59	1	.0021847	.0032279	0.68	0.499	-.0041418	.0085113
60	1	-.0032188	.0027478	-1.17	0.241	-.0086045	.0021669
61	1	.0028988	.003283	0.88	0.377	-.0035358	.0093334
62	1	.0008981	.0031109	0.29	0.773	-.0051991	.0069953
63	1	.0081193	.0037833	2.15	0.032	.0007041	.0155345
64	1	-.0019886	.0027023	-0.74	0.462	-.0072851	.0033078
65	1	-.0043179	.0021111	-2.05	0.041	-.0084556	-.0001801
66	1	.0004612	.0028949	0.16	0.873	-.0052127	.006135
67	1	-.0025509	.0023316	-1.09	0.274	-.0071209	.002019
68	1	-.0021667	.0026163	-0.83	0.408	-.0072945	.0029612
69	1	-.0043059	.0020474	-2.10	0.035	-.0083186	-.0002932
70	1	-.0016565	.0026534	-0.62	0.532	-.0068571	.0035441
71	1	.0001317	.0028058	0.05	0.963	-.0053677	.005631
72	1	.0027934	.0033374	0.84	0.403	-.0037478	.0093346
73	1	-.0008803	.002613	-0.34	0.736	-.0060017	.0042412
74	1	-.0022685	.0023408	-0.97	0.332	-.0068563	.0023193
75	1	.0066052	.0035536	1.86	0.063	-.0003598	.0135702
76	1	-.0040897	.0022153	-1.85	0.065	-.0084317	.0002522
77	1	.0032035	.0029876	1.07	0.284	-.0026522	.0090592
78	1	-.0000721	.0026502	-0.03	0.978	-.0052664	.0051223
79	1	-.0017476	.002238	-0.78	0.435	-.006134	.0026388
80	1	.0048986	.0039971	1.23	0.220	-.0029356	.0127327
_cons		.00843	.0003728	22.61	0.000	.0076993	.0091608

. reg E_to_E i.tim i.tim#nc , vce(robust)

Linear regression	Number of obs	=	4,803,680
	F(159, 4803520)	=	4.79
	Prob > F	=	0.0000
	R-squared	=	0.0002
	Root MSE	=	.16828

E_to_E	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]
tim					
2	-.0048602	.0009219	-5.27	0.000	-.0066671 - .0030533
3	-.0029759	.0009097	-3.27	0.001	-.0047589 - .0011929
4	-.0050439	.0009251	-5.45	0.000	-.0068569 - .0032308
5	-.0036005	.0009221	-3.90	0.000	-.0054079 - .0017932
6	-.0065405	.0009314	-7.02	0.000	-.008366 - .004715
7	-.0058165	.0008934	-6.51	0.000	-.0075676 - .0040654
8	-.0072169	.0009037	-7.99	0.000	-.008988 - .0054457
9	-.0038441	.0008844	-4.35	0.000	-.0055776 - .0021106
10	-.0070503	.0009074	-7.77	0.000	-.0088287 - .0052719
11	-.0041151	.0008834	-4.66	0.000	-.0058464 - .0023838
12	-.0073747	.0009056	-8.14	0.000	-.0091496 - .0055997
13	-.001968	.0008719	-2.26	0.024	-.0036769 - .000259
14	-.0055978	.0009002	-6.22	0.000	-.0073623 - .0038334
15	-.0061543	.0009101	-6.76	0.000	-.0079381 - .0043705
16	-.0056136	.0009032	-6.22	0.000	-.0073839 - .0038433
17	-.0020366	.00088	-2.31	0.021	-.0037615 - .0003118
18	-.0055564	.0009092	-6.11	0.000	-.0073385 - .0037743
19	-.00447	.000902	-4.96	0.000	-.0062379 - .0027021
20	-.0050339	.0009011	-5.59	0.000	-.0068 - .0032679

21		-.0025162	.0008877	-2.83	0.005	-.0042561	-.0007763
22		-.0060231	.0009131	-6.60	0.000	-.0078127	-.0042334
23		-.0024092	.0008856	-2.72	0.007	-.0041451	-.0006734
24		-.0041705	.0008998	-4.63	0.000	-.005934	-.0024069
25		-.0028637	.0008928	-3.21	0.001	-.0046135	-.0011138
26		-.0061006	.000918	-6.65	0.000	-.0078998	-.0043014
27		-.0034699	.0008941	-3.88	0.000	-.0052222	-.0017176
28		-.0048123	.0009067	-5.31	0.000	-.0065895	-.0030351
29		-.0032276	.0008994	-3.59	0.000	-.0049904	-.0014648
30		-.0039879	.000903	-4.42	0.000	-.0057577	-.002218
31		-.0038257	.0009032	-4.24	0.000	-.005596	-.0020554
32		-.0044953	.0009091	-4.94	0.000	-.0062771	-.0027136
33		-.0024503	.0008933	-2.74	0.006	-.0042011	-.0006994
34		-.0054126	.0009178	-5.90	0.000	-.0072114	-.0036138
35		-.0044775	.0009135	-4.90	0.000	-.0062679	-.0026871
36		-.0097149	.0009654	-10.06	0.000	-.0116071	-.0078227
37		-.007579	.0009436	-8.03	0.000	-.0094285	-.0057296
38		-.007554	.0009449	-7.99	0.000	-.0094059	-.0057021
39		-.0078028	.0009493	-8.22	0.000	-.0096635	-.0059422
40		-.0079163	.0009555	-8.29	0.000	-.009789	-.0060436
41		-.0059399	.0009352	-6.35	0.000	-.0077729	-.0041069
42		-.0081395	.0009549	-8.52	0.000	-.010011	-.006268
43		-.0070692	.0009466	-7.47	0.000	-.0089246	-.0052138
44		-.0089233	.0009658	-9.24	0.000	-.0108162	-.0070304
45		-.0041814	.0009282	-4.51	0.000	-.0060006	-.0023623
46		-.0091304	.0009713	-9.40	0.000	-.011034	-.0072267
47		-.0061233	.0009456	-6.48	0.000	-.0079765	-.00427
48		-.0070783	.0009556	-7.41	0.000	-.0089513	-.0052053
49		-.0036013	.0009263	-3.89	0.000	-.0054169	-.0017857
50		-.0072419	.0009579	-7.56	0.000	-.0091192	-.0053645
51		-.0051014	.0009407	-5.42	0.000	-.0069451	-.0032576
52		-.0066989	.0009535	-7.03	0.000	-.0085677	-.00483
53		-.0039791	.0009344	-4.26	0.000	-.0058106	-.0021477
54		-.0078347	.000967	-8.10	0.000	-.00973	-.0059394
55		-.0065972	.0009588	-6.88	0.000	-.0084764	-.004718
56		-.0050244	.0009441	-5.32	0.000	-.0068747	-.003174
57		-.0018756	.0009189	-2.04	0.041	-.0036767	-.0000746
58		-.0067071	.0009604	-6.98	0.000	-.0085895	-.0048246
59		-.0049383	.000943	-5.24	0.000	-.0067866	-.0030901
60		-.0077125	.000965	-7.99	0.000	-.0096039	-.0058211
61		-.0045775	.0009452	-4.84	0.000	-.00643	-.002725
62		-.0091667	.000991	-9.25	0.000	-.0111089	-.0072244
63		-.0057738	.0009629	-6.00	0.000	-.007661	-.0038866
64		-.0072468	.0009739	-7.44	0.000	-.0091557	-.005338
65		-.0038198	.0009475	-4.03	0.000	-.0056768	-.0019627
66		-.0064468	.000971	-6.64	0.000	-.0083499	-.0045438
67		-.0047379	.0009485	-5.00	0.000	-.0065969	-.0028788
68		-.0066221	.0009693	-6.83	0.000	-.0085218	-.0047224
69		-.0039543	.0009488	-4.17	0.000	-.0058138	-.0020947
70		-.0069831	.0009808	-7.12	0.000	-.0089054	-.0050608
71		-.0056414	.0009667	-5.84	0.000	-.0075361	-.0037466
72		-.0056862	.0009667	-5.88	0.000	-.0075808	-.0037916
73		-.0034083	.0009524	-3.58	0.000	-.005275	-.0015415
74		-.0055123	.0009723	-5.67	0.000	-.007418	-.0036066
75		-.0041779	.0009619	-4.34	0.000	-.0060632	-.0022926
76		-.0069756	.0009889	-7.05	0.000	-.0089137	-.0050374
77		-.0030317	.0009617	-3.15	0.002	-.0049166	-.0011469
78		-.0063664	.0009996	-6.37	0.000	-.0083255	-.0044073
79		-.0030426	.0009645	-3.15	0.002	-.004933	-.0011523
80		-.0028047	.0010874	-2.58	0.010	-.004936	-.0006734

tim#nc |

1		.0017935	.0036385	0.49	0.622	-.0053377	.0089248
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2	1		.0073604	.0036845	2.00	0.046	.0001389	.0145819
3	1		.0073263	.0035861	2.04	0.041	.0002976	.0143549
4	1		-.0028689	.0045163	-0.64	0.525	-.0117206	.0059829
5	1		-.003745	.004483	-0.84	0.404	-.0125316	.0050416
6	1		-.0047036	.0049234	-0.96	0.339	-.0143534	.0049461
7	1		.0086432	.0037896	2.28	0.023	.0012157	.0160706
8	1		-.0130954	.0052761	-2.48	0.013	-.0234364	-.0027545
9	1		-.0080527	.005053	-1.59	0.111	-.0179565	.0018511
10	1		-.0000267	.0046362	-0.01	0.995	-.0091135	.0090601
11	1		-.004322	.004724	-0.91	0.360	-.0135808	.0049368
12	1		-.0004186	.0046372	-0.09	0.928	-.0095075	.0086702
13	1		.0002767	.0041888	0.07	0.947	-.0079333	.0084866
14	1		-.0032988	.0047921	-0.69	0.491	-.0126911	.0060935
15	1		-.0054188	.0049159	-1.10	0.270	-.0150538	.0042162
16	1		-.000103	.0045948	-0.02	0.982	-.0091086	.0089026
17	1		-.0009703	.0043989	-0.22	0.825	-.0095919	.0076513
18	1		.0033777	.0043914	0.77	0.442	-.0052293	.0119846
19	1		.0037866	.0041465	0.91	0.361	-.0043404	.0119136
20	1		.002543	.0043215	0.59	0.556	-.005927	.0110129
21	1		-.003743	.0046731	-0.80	0.423	-.0129022	.0054162
22	1		.0005682	.0047302	0.12	0.904	-.0087028	.0098393
23	1		-.0016758	.0046325	-0.36	0.718	-.0107553	.0074037
24	1		.0060521	.0040184	1.51	0.132	-.0018238	.013928
25	1		.0074611	.003943	1.89	0.058	-.0002671	.0151893
26	1		.0041226	.0044877	0.92	0.358	-.0046731	.0129183
27	1		.0055581	.004047	1.37	0.170	-.002374	.0134901
28	1		-.0017685	.0049045	-0.36	0.718	-.0113811	.0078441
29	1		-.0037244	.0050946	-0.73	0.465	-.0137096	.0062609
30	1		.0038698	.0043714	0.89	0.376	-.004698	.0124375
31	1		.006121	.0041541	1.47	0.141	-.0020208	.0142628
32	1		.0045684	.0044115	1.04	0.300	-.0040779	.0132147
33	1		-.0099015	.0054568	-1.81	0.070	-.0205966	.0007937
34	1		.0040593	.0044493	0.91	0.362	-.0046611	.0127797
35	1		-.0122517	.005605	-2.19	0.029	-.0232374	-.0012661
36	1		-.0074537	.0059047	-1.26	0.207	-.0190267	.0041193
37	1		-.0037238	.0053742	-0.69	0.488	-.014257	.0068094
38	1		-.0052918	.0055374	-0.96	0.339	-.016145	.0055613
39	1		.0012381	.0051118	0.24	0.809	-.0087809	.0112571
40	1		-.0022715	.0054048	-0.42	0.674	-.0128648	.0083217
41	1		.0066047	.0043853	1.51	0.132	-.0019904	.0151998
42	1		.0012813	.0051604	0.25	0.804	-.008833	.0113956
43	1		.0042461	.0048561	0.87	0.382	-.0052716	.0137638
44	1		-.0029148	.0056593	-0.52	0.607	-.0140068	.0081772
45	1		-.0084577	.0057757	-1.46	0.143	-.0197778	.0028624
46	1		.0051213	.0049885	1.03	0.305	-.004656	.0148985
47	1		-.0193605	.0065243	-2.97	0.003	-.0321478	-.0065732
48	1		-.0067957	.005969	-1.14	0.255	-.0184948	.0049033
49	1		.002697	.0047533	0.57	0.570	-.0066194	.0120133
50	1		-.0075449	.0057565	-1.31	0.190	-.0188275	.0037376
51	1		.0001993	.0049818	0.04	0.968	-.0095649	.0099635
52	1		-.0035582	.0053482	-0.67	0.506	-.0140404	.0069241
53	1		.0015316	.0049522	0.31	0.757	-.0081745	.0112378
54	1		.012192	.00418	2.92	0.004	.0039994	.0203846
55	1		-.0017052	.0052502	-0.32	0.745	-.0119953	.0085849
56	1		-.0000541	.005012	-0.01	0.991	-.0098773	.0097692
57	1		-.0103819	.0056449	-1.84	0.066	-.0214456	.0006818
58	1		.0047269	.0047893	0.99	0.324	-.00466	.0141139
59	1		-.0065021	.0054586	-1.19	0.234	-.0172008	.0041966
60	1		-.0011462	.0052695	-0.22	0.828	-.0114742	.0091819
61	1		-.0054199	.0053074	-1.02	0.307	-.0158222	.0049825
62	1		.0020824	.0051327	0.41	0.685	-.0079775	.0121423
63	1		-.0101177	.0056681	-1.79	0.074	-.021227	.0009916
64	1		-.0044221	.005311	-0.83	0.405	-.0148315	.0059873

65	1		.0081883	.0040842	2.00	0.045	.0001835	.0161931
66	1		-.0056234	.0053094	-1.06	0.290	-.0160296	.0047828
67	1		.0008942	.0047366	0.19	0.850	-.0083895	.0101778
68	1		-.0054438	.0052516	-1.04	0.300	-.0157367	.0048491
69	1		.0040078	.0044233	0.91	0.365	-.0046617	.0126773
70	1		.0054104	.0047207	1.15	0.252	-.003842	.0146628
71	1		-.0013793	.005189	-0.27	0.790	-.0115495	.0087909
72	1		-.0022845	.0051994	-0.44	0.660	-.0124751	.007906
73	1		.0022087	.0046482	0.48	0.635	-.0069016	.0113189
74	1		-.0021127	.0052155	-0.41	0.685	-.0123348	.0081095
75	1		-.0056282	.0053475	-1.05	0.293	-.0161091	.0048527
76	1		.0020126	.0048598	0.41	0.679	-.0075125	.0115376
77	1		-.0006397	.0048524	-0.13	0.895	-.0101504	.0088709
78	1		.0047937	.0047246	1.01	0.310	-.0044664	.0140538
79	1		-.0010922	.0050089	-0.22	0.827	-.0109094	.008725
80	1		-.0023921	.0060332	-0.40	0.692	-.0142169	.0094326
_cons			.9761564	.0006221	1569.12	0.000	.9749371	.9773757

```

.
.
. /* Survey weights */
. svyset [iw=wtfinl]

      iweight: wtfinl
      VCE: linearized
Single unit: missing
Strata 1: <one>
SU 1: <observations>
FPC 1: <zero>

```

```
. summarize E_to_N
```

Variable	Obs	Mean	Std. Dev.	Min	Max
E_to_N	4,803,680	.017971	.132846	0	1

```
. summarize E_to_N [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
E_to_N	4803680	1.1051e+10	.0187289	.1355661	0	1

```
. summarize E_to_E
```

Variable	Obs	Mean	Std. Dev.	Min	Max
E_to_E	4,803,680	.970828	.1682885	0	1

```
. summarize E_to_E [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
E_to_E	4803680	1.1051e+10	.9695788	.1717432	0	1

```
. summarize E_to_U
```

Variable	Obs	Mean	Std. Dev.	Min	Max
E_to_U	4,803,680	.0110143	.1043693	0	1

```
. summarize E_to_U [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
E_to_U	4803680	1.1051e+10	.0114964	.1066032	0	1

```
.
. svy:regress E_to_N i.tim i.tim#nc
(running regress on estimation sample)
```

Survey: Linear regression

Number of strata	=	1	Number of obs	=	4,803,680
Number of PSUs	=	4,803,680	Population size	=	11,050,956,403
			Design df	=	4,803,679
			F(159,4803521)	=	3.60
			Prob > F	=	0.0000
			R-squared	=	0.0002

E_to_N	Coef.	Linearized Std. Err.	t	P> t	[95% Conf. Interval]
tim					
2	.0028474	.0008243	3.45	0.001	.0012318 .004463
3	.0027964	.0008362	3.34	0.001	.0011575 .0044352
4	.0034863	.0008414	4.14	0.000	.0018372 .0051354
5	.0024403	.000841	2.90	0.004	.0007919 .0040887
6	.0056924	.0008773	6.49	0.000	.003973 .0074118
7	.004553	.0008364	5.44	0.000	.0029137 .0061924
8	.0028392	.0008134	3.49	0.000	.001245 .0044334
9	.001661	.0008173	2.03	0.042	.0000592 .0032628
10	.0050797	.0008475	5.99	0.000	.0034187 .0067407
11	.0027214	.0008199	3.32	0.001	.0011144 .0043284
12	.0033177	.000828	4.01	0.000	.0016948 .0049405
13	.0003595	.000795	0.45	0.651	-.0011987 .0019177
14	.0038416	.0008442	4.55	0.000	.0021869 .0054963
15	.0040869	.0008491	4.81	0.000	.0024227 .0057511
16	.0031234	.0008395	3.72	0.000	.001478 .0047688
17	.001442	.0008226	1.75	0.080	-.0001702 .0030542
18	.0046476	.0008649	5.37	0.000	.0029525 .0063427
19	.0039324	.0008535	4.61	0.000	.0022596 .0056052
20	.0025603	.00083	3.08	0.002	.0009335 .0041871
21	.0020027	.000834	2.40	0.016	.000368 .0036374
22	.0046207	.0008499	5.44	0.000	.0029549 .0062865
23	.0013326	.0008097	1.65	0.100	-.0002545 .0029196
24	.0033874	.0008368	4.05	0.000	.0017473 .0050274
25	.0021195	.0008278	2.56	0.010	.0004969 .003742
26	.0042906	.0008461	5.07	0.000	.0026323 .0059489
27	.0041087	.0008504	4.83	0.000	.002442 .0057754
28	.0027235	.0008359	3.26	0.001	.0010852 .0043619
29	.0034019	.0008519	3.99	0.000	.0017323 .0050716
30	.0039342	.0008586	4.58	0.000	.0022513 .005617
31	.0031803	.0008404	3.78	0.000	.0015331 .0048275
32	.0023218	.0008335	2.79	0.005	.0006881 .0039555
33	.0009806	.0008138	1.21	0.228	-.0006143 .0025756
34	.0033195	.0008384	3.96	0.000	.0016763 .0049626
35	.0020349	.0008385	2.43	0.015	.0003916 .0036782
36	.0014574	.0008363	1.74	0.081	-.0001818 .0030965
37	.0007678	.0008218	0.93	0.350	-.0008428 .0023784

38		.0021409	.0008376	2.56	0.011	.0004993	.0037825	
39		.0017471	.0008389	2.08	0.037	.0001029	.0033913	
40		.0007713	.0008256	0.93	0.350	-.0008469	.0023895	
41		.0012444	.0008297	1.50	0.134	-.0003818	.0028706	
42		.0032277	.0008556	3.77	0.000	.0015508	.0049046	
43		.0022531	.0008433	2.67	0.008	.0006002	.003906	
44		.002709	.0008554	3.17	0.002	.0010323	.0043856	
45		.0006625	.0008248	0.80	0.422	-.000954	.002279	
46		.0045991	.0008807	5.22	0.000	.0028729	.0063253	
47		.0020375	.0008463	2.41	0.016	.0003788	.0036963	
48		.0017241	.0008456	2.04	0.041	.0000668	.0033814	
49		.0006041	.0008368	0.72	0.470	-.0010359	.0022441	
50		.0035253	.0008705	4.05	0.000	.0018191	.0052315	
51		.0022363	.0008559	2.61	0.009	.0005588	.0039138	
52		.0017742	.0008523	2.08	0.037	.0001037	.0034446	
53		.0025813	.0008711	2.96	0.003	.0008739	.0042887	
54		.0042484	.000876	4.85	0.000	.0025315	.0059653	
55		.0035063	.000872	4.02	0.000	.0017971	.0052154	
56		.0025328	.0008628	2.94	0.003	.0008417	.0042238	
57		.0010036	.000844	1.19	0.234	-.0006505	.0026578	
58		.0039009	.0008811	4.43	0.000	.0021741	.0056278	
59		.0037748	.0008806	4.29	0.000	.0020489	.0055007	
60		.0038663	.0008713	4.44	0.000	.0021586	.0055739	
61		.0036714	.0008798	4.17	0.000	.001947	.0053958	
62		.0069712	.0009254	7.53	0.000	.0051575	.0087848	
63		.0044755	.0008958	5.00	0.000	.0027199	.0062312	
64		.0045915	.0008926	5.14	0.000	.002842	.0063411	
65		.0027803	.000877	3.17	0.002	.0010615	.0044991	
66		.0050416	.000905	5.57	0.000	.0032677	.0068154	
67		.0042649	.0008878	4.80	0.000	.0025248	.0060051	
68		.0042111	.000891	4.73	0.000	.0024647	.0059574	
69		.0036548	.0008911	4.10	0.000	.0019082	.0054013	
70		.0060283	.0009174	6.57	0.000	.0042302	.0078263	
71		.0049074	.0008994	5.46	0.000	.0031445	.0066703	
72		.0044149	.0008975	4.92	0.000	.0026558	.0061739	
73		.0035378	.0008949	3.95	0.000	.0017839	.0052918	
74		.0058441	.000927	6.30	0.000	.0040271	.007661	
75		.0056089	.0009322	6.02	0.000	.0037819	.007436	
76		.0063708	.0009475	6.72	0.000	.0045137	.0082278	
77		.004304	.0009202	4.68	0.000	.0025003	.0061076	
78		.0071747	.0009666	7.42	0.000	.0052803	.0090691	
79		.00474	.0009341	5.07	0.000	.0029092	.0065707	
80		.0047377	.0010684	4.43	0.000	.0026436	.0068318	
tim#nc								
1	1	-	.0012993	.0029852	-0.44	0.663	-.0071501	.0045516
2	1	-	.0035624	.0032029	-1.11	0.266	-.0098399	.0027151
3	1	-	.010963	.0023945	-4.58	0.000	-.0156561	-.00627
4	1		.0023353	.003923	0.60	0.552	-.0053536	.0100243
5	1		.001652	.0036976	0.45	0.655	-.0055952	.0088992
6	1	-	.0040093	.0034965	-1.15	0.252	-.0108624	.0028438
7	1	-	.0067983	.0031538	-2.16	0.031	-.0129796	-.0006169
8	1		.002815	.0038355	0.73	0.463	-.0047024	.0103325
9	1	-	.0007527	.003602	-0.21	0.834	-.0078125	.0063071
10	1	-	.0055465	.0032545	-1.70	0.088	-.0119252	.0008323
11	1		.0038847	.0040857	0.95	0.342	-.0041232	.0118926
12	1	-	.0032153	.0033247	-0.97	0.334	-.0097315	.003301
13	1	-	.0013373	.0032496	-0.41	0.681	-.0077063	.0050317
14	1		.0005074	.0038011	0.13	0.894	-.0069426	.0079575
15	1		.0010003	.003825	0.26	0.794	-.0064965	.0084972
16	1	-	.0051483	.0030946	-1.66	0.096	-.0112137	.000917
17	1	-	.0027023	.0032448	-0.83	0.405	-.0090619	.0036574
18	1	-	.0022757	.0037391	-0.61	0.543	-.0096043	.0050529

19	1	-.0012866	.0036546	-0.35	0.725	-.0084495	.0058763
20	1	-.0029804	.0032997	-0.90	0.366	-.0094476	.0034868
21	1	-.0019102	.0034854	-0.55	0.584	-.0087415	.0049211
22	1	-.0013636	.0041147	-0.33	0.740	-.0094282	.006701
23	1	.0059953	.0043614	1.37	0.169	-.0025528	.0145435
24	1	-.00214	.0036684	-0.58	0.560	-.0093299	.0050498
25	1	-.0038305	.0033123	-1.16	0.248	-.0103225	.0026616
26	1	-.0033922	.0036797	-0.92	0.357	-.0106042	.0038198
27	1	-.0024843	.0036983	-0.67	0.502	-.0097329	.0047643
28	1	-.0026777	.0036191	-0.74	0.459	-.0097711	.0044156
29	1	.0054342	.0044876	1.21	0.226	-.0033614	.0142297
30	1	-.0062168	.0032746	-1.90	0.058	-.0126349	.0002014
31	1	-.0031512	.0036089	-0.87	0.383	-.0102246	.0039221
32	1	-.0029143	.0035788	-0.81	0.415	-.0099287	.0041001
33	1	.0014244	.0038594	0.37	0.712	-.0061399	.0089888
34	1	-.001539	.0039253	-0.39	0.695	-.0092325	.0061545
35	1	.0122806	.005032	2.44	0.015	.0024181	.0221431
36	1	.0101709	.0050593	2.01	0.044	.0002549	.020087
37	1	-.0004557	.0037958	-0.12	0.904	-.0078953	.006984
38	1	-.0005792	.003963	-0.15	0.884	-.0083465	.0071881
39	1	.0003971	.0039915	0.10	0.921	-.0074261	.0082202
40	1	.0004443	.0037881	0.12	0.907	-.0069803	.0078689
41	1	-.0066253	.0029871	-2.22	0.027	-.01248	-.0007706
42	1	-.0011263	.003896	-0.29	0.773	-.0087625	.0065098
43	1	-.0101894	.0026092	-3.91	0.000	-.0153034	-.0050753
44	1	-.0033196	.0038041	-0.87	0.383	-.0107754	.0041363
45	1	-.0012038	.003782	-0.32	0.750	-.0086164	.0062089
46	1	-.0054707	.0036073	-1.52	0.129	-.0125408	.0015995
47	1	.0064139	.004653	1.38	0.168	-.0027058	.0155335
48	1	.0013971	.0043341	0.32	0.747	-.0070976	.0098918
49	1	-.0026798	.0036769	-0.73	0.466	-.0098864	.0045269
50	1	-.0001023	.0040736	-0.03	0.980	-.0080864	.0078819
51	1	.0012343	.0040767	0.30	0.762	-.0067559	.0092245
52	1	.0012198	.0038951	0.31	0.754	-.0064145	.0088541
53	1	.000086	.0042337	0.02	0.984	-.0082119	.008384
54	1	-.0066755	.0034687	-1.92	0.054	-.013474	.000123
55	1	.0027372	.0043284	0.63	0.527	-.0057462	.0112207
56	1	.0028943	.0043297	0.67	0.504	-.0055917	.0113803
57	1	.0092113	.0050304	1.83	0.067	-.000648	.0190707
58	1	.0031324	.0046925	0.67	0.504	-.0060647	.0123296
59	1	.00383	.004642	0.83	0.409	-.0052683	.0129282
60	1	.0005125	.0041175	0.12	0.901	-.0075575	.0085826
61	1	.0029732	.0045837	0.65	0.517	-.0060106	.011957
62	1	-.0026073	.0042339	-0.62	0.538	-.0109057	.005691
63	1	.0022186	.0043061	0.52	0.606	-.0062212	.0106584
64	1	.0090466	.0051585	1.75	0.079	-.001064	.0191571
65	1	-.0049433	.0033461	-1.48	0.140	-.0115016	.001615
66	1	.0052803	.0046262	1.14	0.254	-.0037868	.0143474
67	1	.000447	.0040743	0.11	0.913	-.0075385	.0084325
68	1	.0085842	.0048422	1.77	0.076	-.0009064	.0180747
69	1	-.0009521	.0040087	-0.24	0.812	-.0088089	.0069048
70	1	-.0021218	.0048476	-0.44	0.662	-.011623	.0073794
71	1	.0033687	.0048389	0.70	0.486	-.0061154	.0128529
72	1	-.0008508	.0041401	-0.21	0.837	-.0089653	.0072637
73	1	-.0035604	.0037327	-0.95	0.340	-.0108762	.0037555
74	1	.0048958	.004935	0.99	0.321	-.0047766	.0145681
75	1	-.0028344	.0040868	-0.69	0.488	-.0108443	.0051755
76	1	.0020229	.0047096	0.43	0.668	-.0072078	.0112536
77	1	-.0031391	.0037986	-0.83	0.409	-.0105843	.0043061
78	1	-.0035644	.0043852	-0.81	0.416	-.0121592	.0050304
79	1	.0021567	.0046475	0.46	0.643	-.0069522	.0112656
80	1	-.0014812	.0053992	-0.27	0.784	-.0120635	.0091011

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      _cons |   .0154702   .0005641   27.42   0.000   .0143645   .0165758
-----+-----

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. svy:regress E_to_E i.tim i.tim#nc
(running regress on estimation sample)

```

Survey: Linear regression

```

Number of strata   =           1
Number of PSUs    = 4,803,680
Number of obs     = 4,803,680
Population size   = 11,050,956,403
Design df        = 4,803,679
F( 159,4803521)  = 4.40
Prob > F         = 0.0000
R-squared        = 0.0002

```

```

-----+-----
      E_to_E |           Linearized
            |           Coef.   Std. Err.   t   P>|t|   [95% Conf. Interval]
-----+-----
      tim |
      2 |  -.0044919   .0010261   -4.38   0.000   -.006503   -.0024809
      3 |  -.0033735   .0010314   -3.27   0.001   -.005395   -.0013521
      4 |  -.0053685   .0010436   -5.14   0.000   -.007414   -.0033231
      5 |  -.003812    .00104    -3.67   0.000   -.0058504  -.0017736
      6 |  -.0075174   .0010721   -7.01   0.000   -.0096187  -.0054162
      7 |  -.0074495   .0010416   -7.15   0.000   -.0094909  -.005408
      8 |  -.0084272   .0010447   -8.07   0.000   -.0104748  -.0063795
      9 |  -.0056061   .0010399   -5.39   0.000   -.0076441  -.003568
     10 |  -.008521    .001056    -8.07   0.000   -.0105907  -.0064513
     11 |  -.0058008   .0010347   -5.61   0.000   -.0078288  -.0037729
     12 |  -.0087515   .0010561   -8.29   0.000   -.0108215  -.0066815
     13 |  -.0027278   .0010088   -2.70   0.007   -.0047049  -.0007506
     14 |  -.0070743   .0010581   -6.69   0.000   -.0091482  -.0050005
     15 |  -.0077389   .0010697   -7.23   0.000   -.0098354  -.0056425
     16 |  -.0071697   .0010631   -6.74   0.000   -.0092534  -.005086
     17 |  -.003189    .0010299   -3.10   0.002   -.0052075  -.0011705
     18 |  -.0070529   .0010696   -6.59   0.000   -.0091493  -.0049565
     19 |  -.0058656   .0010565   -5.55   0.000   -.0079363  -.0037948
     20 |  -.0060738   .0010483   -5.79   0.000   -.0081284  -.0040192
     21 |  -.0039501   .0010408   -3.80   0.000   -.00599    -.0019102
     22 |  -.0068184   .0010499   -6.49   0.000   -.0088762  -.0047606
     23 |  -.0029924   .0010155   -2.95   0.003   -.0049828  -.001002
     24 |  -.0050983   .0010348   -4.93   0.000   -.0071264  -.0030702
     25 |  -.0045084   .001039    -4.34   0.000   -.0065448  -.0024719
     26 |  -.0069022   .0010525   -6.56   0.000   -.008965   -.0048393
     27 |  -.0050072   .00104    -4.81   0.000   -.0070457  -.0029688
     28 |  -.0059576   .0010503   -5.67   0.000   -.0080162  -.003899
     29 |  -.0049451   .0010522   -4.70   0.000   -.0070074  -.0028828
     30 |  -.005109    .0010499   -4.87   0.000   -.0071667  -.0030513
     31 |  -.0047037   .0010422   -4.51   0.000   -.0067464  -.002661
     32 |  -.0054188   .0010509   -5.16   0.000   -.0074786  -.003359
     33 |  -.0035887   .0010328   -3.47   0.001   -.005613   -.0015644
     34 |  -.0065003   .0010554   -6.16   0.000   -.0085689  -.0044317
     35 |  -.0061385   .0010706   -5.73   0.000   -.0082367  -.0040402
     36 |  -.0116125   .0011303  -10.27   0.000   -.0138279  -.0093971
     37 |  -.0096363   .0011033   -8.73   0.000   -.0117988  -.0074739
     38 |  -.0092119   .0010971   -8.40   0.000   -.0113622  -.0070616
     39 |  -.0100985   .001118    -9.03   0.000   -.0122896  -.0079073
     40 |  -.0096556   .0011098   -8.70   0.000   -.0118307  -.0074804
     41 |  -.007749    .0010874   -7.13   0.000   -.0098803  -.0056177
     42 |  -.0096744   .0011086   -8.73   0.000   -.0118471  -.0075016
     43 |  -.0091726   .0011064   -8.29   0.000   -.0113411  -.0070042
     44 |  -.0114182   .0011345  -10.06   0.000   -.0136418  -.0091946

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45		-.0052719	.0010697	-4.93	0.000	-.0073684	-.0031753	
46		-.010697	.0011292	-9.47	0.000	-.0129102	-.0084838	
47		-.0072611	.0010954	-6.63	0.000	-.009408	-.0051141	
48		-.0086016	.0011121	-7.73	0.000	-.0107813	-.0064219	
49		-.0049151	.0010776	-4.56	0.000	-.0070272	-.002803	
50		-.0090419	.001118	-8.09	0.000	-.0112331	-.0068507	
51		-.0063697	.0010925	-5.83	0.000	-.008511	-.0042284	
52		-.0078066	.0011093	-7.04	0.000	-.0099808	-.0056324	
53		-.0056134	.0010904	-5.15	0.000	-.0077506	-.0034763	
54		-.0092126	.0011166	-8.25	0.000	-.0114011	-.007024	
55		-.0073992	.0011035	-6.71	0.000	-.0095619	-.0052364	
56		-.0065149	.0010966	-5.94	0.000	-.0086642	-.0043656	
57		-.0030975	.0010634	-2.91	0.004	-.0051817	-.0010132	
58		-.008147	.0011214	-7.26	0.000	-.0103449	-.0059491	
59		-.0055298	.0010856	-5.09	0.000	-.0076577	-.003402	
60		-.0076574	.0010973	-6.98	0.000	-.009808	-.0055069	
61		-.0053151	.0010846	-4.90	0.000	-.0074408	-.0031894	
62		-.0095534	.0011348	-8.42	0.000	-.0117775	-.0073293	
63		-.0054952	.0010952	-5.02	0.000	-.0076417	-.0033487	
64		-.0077855	.0011176	-6.97	0.000	-.0099759	-.005595	
65		-.0044094	.0010914	-4.04	0.000	-.0065486	-.0022703	
66		-.0064677	.0011048	-5.85	0.000	-.0086331	-.0043023	
67		-.0053058	.001087	-4.88	0.000	-.0074363	-.0031754	
68		-.0067991	.0011103	-6.12	0.000	-.0089754	-.0046229	
69		-.0047776	.0010941	-4.37	0.000	-.006922	-.0026333	
70		-.0076867	.0011235	-6.84	0.000	-.0098888	-.0054846	
71		-.0056552	.0010995	-5.14	0.000	-.0078101	-.0035003	
72		-.0069727	.0011197	-6.23	0.000	-.0091673	-.004778	
73		-.0042316	.0010996	-3.85	0.000	-.0063869	-.0020764	
74		-.0061568	.0011171	-5.51	0.000	-.0083463	-.0039672	
75		-.0060074	.0011284	-5.32	0.000	-.008219	-.0037959	
76		-.0078091	.0011462	-6.81	0.000	-.0100556	-.0055625	
77		-.0037366	.0011109	-3.36	0.001	-.005914	-.0015592	
78		-.0066995	.0011459	-5.85	0.000	-.0089455	-.0044535	
79		-.0036286	.0011115	-3.26	0.001	-.005807	-.0014502	
80		-.0046691	.0012884	-3.62	0.000	-.0071943	-.002144	
tim#nc								
1	1		.0020292	.0037087	0.55	0.584	-.0052397	.009298
2	1		.0059542	.0039247	1.52	0.129	-.001738	.0136465
3	1		.0051368	.0041095	1.25	0.211	-.0029178	.0131913
4	1		-.0046991	.0050603	-0.93	0.353	-.014617	.0052189
5	1		-.0040551	.0046515	-0.87	0.383	-.0131719	.0050616
6	1		-.0039003	.0050364	-0.77	0.439	-.0137715	.0059709
7	1		.010032	.0039577	2.53	0.011	.0022751	.0177888
8	1		-.0142523	.0056719	-2.51	0.012	-.025369	-.0031356
9	1		-.0086215	.0055119	-1.56	0.118	-.0194248	.0021817
10	1		.0014121	.0047208	0.30	0.765	-.0078405	.0106647
11	1		-.0041895	.0050494	-0.83	0.407	-.0140861	.0057072
12	1		.0017146	.0046258	0.37	0.711	-.0073517	.0107809
13	1		.0002736	.0044687	0.06	0.951	-.0084849	.0090321
14	1		-.0017775	.0048937	-0.36	0.716	-.011369	.007814
15	1		-.0035529	.0049754	-0.71	0.475	-.0133045	.0061987
16	1		.0018049	.0046686	0.39	0.699	-.0073455	.0109553
17	1		.0005461	.0044292	0.12	0.902	-.008135	.0092273
18	1		.0038529	.0049032	0.79	0.432	-.0057572	.0134629
19	1		.0039429	.0046589	0.85	0.397	-.0051884	.0130742
20	1		.0027719	.0045856	0.60	0.546	-.0062158	.0117595
21	1		-.0020481	.0048678	-0.42	0.674	-.0115888	.0074926
22	1		-.0012402	.0053434	-0.23	0.816	-.011713	.0092327
23	1		-.0021121	.0049037	-0.43	0.667	-.0117232	.007499
24	1		.005827	.0043547	1.34	0.181	-.002708	.0143619
25	1		.0103895	.0037905	2.74	0.006	.0029603	.0178188

26	1		.0049003	.0046271	1.06	0.290	-.0041688	.0139693
27	1		.006411	.0042529	1.51	0.132	-.0019245	.0147464
28	1		-.002372	.0053224	-0.45	0.656	-.0128037	.0080596
29	1		-.0005749	.004974	-0.12	0.908	-.0103237	.0091739
30	1		.0054006	.0043937	1.23	0.219	-.0032109	.0140121
31	1		.0068871	.0042548	1.62	0.106	-.0014521	.0152263
32	1		.0053863	.0045367	1.19	0.235	-.0035055	.0142781
33	1		-.0079715	.0054821	-1.45	0.146	-.0187161	.0027731
34	1		.0037435	.004785	0.78	0.434	-.0056349	.0131218
35	1		-.0116434	.0058842	-1.98	0.048	-.0231762	-.0001105
36	1		-.0087833	.0064595	-1.36	0.174	-.0214438	.0038771
37	1		-.0040011	.0059072	-0.68	0.498	-.015579	.0075768
38	1		-.0044972	.0057673	-0.78	0.436	-.0158009	.0068066
39	1		.0022829	.005444	0.42	0.675	-.0083871	.0129529
40	1		.0000997	.0054195	0.02	0.985	-.0105223	.0107217
41	1		.0085109	.0044591	1.91	0.056	-.0002289	.0172506
42	1		.0036475	.0051563	0.71	0.479	-.0064586	.0137536
43	1		.0063732	.004957	1.29	0.199	-.0033424	.0160889
44	1		-.0007527	.0058437	-0.13	0.898	-.0122062	.0107007
45	1		-.0069616	.0057955	-1.20	0.230	-.0183205	.0043974
46	1		.00821	.0048086	1.71	0.088	-.0012147	.0176346
47	1		-.0190014	.0067234	-2.83	0.005	-.032179	-.0058238
48	1		-.0069912	.0064046	-1.09	0.275	-.0195441	.0055616
49	1		.003262	.0050074	0.65	0.515	-.0065523	.0130763
50	1		-.0066495	.0060275	-1.10	0.270	-.0184632	.0051642
51	1		.0012048	.0051276	0.23	0.814	-.0088451	.0112548
52	1		-.0015603	.0053179	-0.29	0.769	-.0119832	.0088626
53	1		.0034561	.005017	0.69	0.491	-.0063771	.0132893
54	1		.0137059	.0042625	3.22	0.001	.0053515	.0220603
55	1		-.0002346	.0052986	-0.04	0.965	-.0106197	.0101504
56	1		.0015942	.0050974	0.31	0.754	-.0083965	.0115849
57	1		-.0109324	.0060702	-1.80	0.072	-.0228299	.000965
58	1		.0063575	.0049963	1.27	0.203	-.0034351	.0161501
59	1		-.0068555	.0057945	-1.18	0.237	-.0182126	.0045015
60	1		-.0013549	.005466	-0.25	0.804	-.0120681	.0093583
61	1		-.0047526	.0055782	-0.85	0.394	-.0156858	.0061806
62	1		.0019023	.0054108	0.35	0.725	-.0087026	.0125073
63	1		-.0099075	.005687	-1.74	0.081	-.0210539	.001239
64	1		-.0063145	.0058177	-1.09	0.278	-.0177169	.0050879
65	1		.0100538	.0039535	2.54	0.011	.0023051	.0178024
66	1		-.0062406	.0055269	-1.13	0.259	-.0170731	.0045918
67	1		.0029849	.0046303	0.64	0.519	-.0060904	.0120601
68	1		-.0061404	.0055164	-1.11	0.266	-.0169523	.0046715
69	1		.0045153	.0046671	0.97	0.333	-.004632	.0136626
70	1		.0039149	.0055343	0.71	0.479	-.0069322	.014762
71	1		-.0038935	.0058124	-0.67	0.503	-.0152855	.0074985
72	1		-.0025201	.0055694	-0.45	0.651	-.013436	.0083957
73	1		.0035778	.0046782	0.76	0.444	-.0055913	.0127468
74	1		-.0015874	.0053621	-0.30	0.767	-.012097	.0089222
75	1		-.0035336	.0054373	-0.65	0.516	-.0141905	.0071232
76	1		.0020255	.0052222	0.39	0.698	-.0082097	.0122608
77	1		.0008382	.0048198	0.17	0.862	-.0086084	.0102848
78	1		.0042498	.0050342	0.84	0.399	-.005617	.0141167
79	1		-.0001755	.0051675	-0.03	0.973	-.0103035	.0099525
80	1		-.0017123	.0065361	-0.26	0.793	-.0145228	.0110981
_cons			.975999	.0006995	1395.20	0.000	.974628	.9773701

```

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. svy:regress E_to_U i.tim i.tim#nc
(running regress on estimation sample)

```

Survey: Linear regression

Number of strata	=	1	Number of obs	=	4,803,680
Number of PSUs	=	4,803,680	Population size	=	11,050,956,403
			Design df	=	4,803,679
			F(159,4803521)	=	10.89
			Prob > F	=	0.0000
			R-squared	=	0.0006

E_to_U	Coef.	Linearized Std. Err.	t	P> t	[95% Conf. Interval]	
tim						
2	.0017023	.0006152	2.77	0.006	.0004965	.0029082
3	.0006359	.0006075	1.05	0.295	-.0005548	.0018266
4	.002049	.0006238	3.28	0.001	.0008265	.0032715
5	.0015914	.0006188	2.57	0.010	.0003786	.0028042
6	.0019717	.0006239	3.16	0.002	.000749	.0031945
7	.0030159	.0006274	4.81	0.000	.0017862	.0042455
8	.0056874	.0006622	8.59	0.000	.0043896	.0069853
9	.004106	.00065	6.32	0.000	.002832	.0053799
10	.0035206	.0006356	5.54	0.000	.0022748	.0047664
11	.0031058	.0006356	4.89	0.000	.00186	.0043517
12	.0054842	.0006616	8.29	0.000	.0041874	.006781
13	.0024234	.0006249	3.88	0.000	.0011986	.0036483
14	.0032893	.0006432	5.11	0.000	.0020288	.0045499
15	.0035376	.0006525	5.42	0.000	.0022587	.0048164
16	.0041518	.0006583	6.31	0.000	.0028615	.005442
17	.0018326	.0006241	2.94	0.003	.0006093	.0030558
18	.0025089	.0006363	3.94	0.000	.0012618	.003756
19	.0019623	.0006273	3.13	0.002	.0007329	.0031917
20	.0035248	.000644	5.47	0.000	.0022626	.004787
21	.0019854	.0006268	3.17	0.002	.0007568	.003214
22	.0022784	.0006221	3.66	0.000	.001059	.0034978
23	.0015295	.0006146	2.49	0.013	.0003248	.0027342
24	.0016414	.0006101	2.69	0.007	.0004457	.0028372
25	.0024719	.000633	3.91	0.000	.0012313	.0037125
26	.0026161	.0006304	4.15	0.000	.0013805	.0038517
27	.0009332	.000603	1.55	0.122	-.0002487	.002115
28	.0032476	.00064	5.07	0.000	.0019931	.004502
29	.0015561	.0006216	2.50	0.012	.0003379	.0027743
30	.001273	.0006101	2.09	0.037	.0000773	.0024688
31	.0014235	.0006177	2.30	0.021	.0002128	.0026342
32	.0030145	.0006422	4.69	0.000	.0017557	.0042733
33	.0026683	.0006407	4.16	0.000	.0014125	.0039241
34	.0031003	.0006435	4.82	0.000	.001839	.0043617
35	.0041734	.0006718	6.21	0.000	.0028566	.0054901
36	.0101981	.0007683	13.27	0.000	.0086922	.0117041
37	.0087725	.0007405	11.85	0.000	.0073211	.0102239
38	.0071817	.0007164	10.02	0.000	.0057775	.0085859
39	.0083391	.0007462	11.18	0.000	.0068766	.0098016
40	.0089701	.0007493	11.97	0.000	.0075014	.0104388
41	.0066156	.0007105	9.31	0.000	.005223	.0080082
42	.006427	.0007105	9.05	0.000	.0050344	.0078196
43	.006961	.0007228	9.63	0.000	.0055443	.0083776
44	.0087245	.0007526	11.59	0.000	.0072494	.0101997
45	.0045992	.0006856	6.71	0.000	.0032554	.0059431
46	.0060688	.0007132	8.51	0.000	.0046709	.0074667
47	.0052598	.000702	7.49	0.000	.003884	.0066356
48	.0069685	.0007303	9.54	0.000	.0055371	.0083999
49	.0044077	.0006851	6.43	0.000	.0030649	.0057506
50	.0055466	.0007084	7.83	0.000	.0041581	.0069351
51	.0041239	.0006838	6.03	0.000	.0027836	.0054641

52		.006108	.0007172	8.52	0.000	.0047023	.0075137	
53		.0030982	.0006612	4.69	0.000	.0018022	.0043942	
54		.0050615	.0007004	7.23	0.000	.0036888	.0064342	
55		.0039954	.0006828	5.85	0.000	.002657	.0053337	
56		.0040399	.0006824	5.92	0.000	.0027023	.0053774	
57		.0019938	.0006472	3.08	0.002	.0007254	.0032623	
58		.0040769	.0006957	5.86	0.000	.0027132	.0054405	
59		.0017725	.0006392	2.77	0.006	.0005197	.0030253	
60		.0038522	.0006738	5.72	0.000	.0025316	.0051729	
61		.0015772	.000637	2.48	0.013	.0003286	.0028258	
62		.0026125	.0006641	3.93	0.000	.0013109	.003914	
63		.0010116	.000634	1.60	0.111	-.0002311	.0022543	
64		.0031801	.0006778	4.69	0.000	.0018516	.0045086	
65		.0016105	.0006541	2.46	0.014	.0003285	.0028925	
66		.0014618	.0006387	2.29	0.022	.00021	.0027136	
67		.0009918	.000631	1.57	0.116	-.000245	.0022285	
68		.0026177	.0006684	3.92	0.000	.0013076	.0039278	
69		.001141	.000639	1.79	0.074	-.0001114	.0023934	
70		.0014808	.0006503	2.28	0.023	.0002064	.0027553	
71		.0008743	.0006391	1.37	0.171	-.0003782	.0021269	
72		.002519	.000674	3.74	0.000	.001198	.0038401	
73		.0007865	.0006443	1.22	0.222	-.0004763	.0020493	
74		.0002832	.0006276	0.45	0.652	-.0009469	.0015132	
75		.0003059	.000639	0.48	0.632	-.0009464	.0015583	
76		.0014735	.0006503	2.27	0.023	.000199	.0027481	
77		-.0006333	.0006235	-1.02	0.310	-.0018554	.0005887	
78		-.0003624	.0006225	-0.58	0.560	-.0015826	.0008578	
79		-.0010096	.0006084	-1.66	0.097	-.0022021	.0001828	
80		-.0002313	.0007185	-0.32	0.748	-.0016396	.0011769	
tim#nc								
1	1		-.0005102	.0022317	-0.23	0.819	-.0048843	.0038639
2	1		-.0022299	.0023043	-0.97	0.333	-.0067463	.0022866
3	1		.0059872	.0033674	1.78	0.075	-.0006127	.0125872
4	1		.0024167	.0032715	0.74	0.460	-.0039954	.0088288
5	1		.0024031	.0028817	0.83	0.404	-.0032449	.0080511
6	1		.0079826	.0036887	2.16	0.030	.000753	.0152123
7	1		-.0031334	.0024255	-1.29	0.196	-.0078872	.0016205
8	1		.0102078	.0041737	2.45	0.014	.0020275	.0183881
9	1		.009433	.0042472	2.22	0.026	.0011086	.0177575
10	1		.0042749	.0034709	1.23	0.218	-.0025279	.0110776
11	1		.0004981	.0030378	0.16	0.870	-.0054559	.0064522
12	1		.00167	.0032672	0.51	0.609	-.0047337	.0080737
13	1		.0005084	.0030316	0.17	0.867	-.0054334	.0064502
14	1		.0014331	.0031441	0.46	0.649	-.0047293	.0075955
15	1		.0028868	.0032479	0.89	0.374	-.003479	.0092525
16	1		.0027428	.003471	0.79	0.429	-.0040602	.0095457
17	1		.0022904	.0030579	0.75	0.454	-.0037029	.0082837
18	1		-.001461	.0032289	-0.45	0.651	-.0077896	.0048676
19	1		-.0024658	.0029426	-0.84	0.402	-.0082331	.0033015
20	1		.000417	.003228	0.13	0.897	-.0059097	.0067437
21	1		.0034485	.0033785	1.02	0.307	-.0031732	.0100702
22	1		.0020228	.0034093	0.59	0.553	-.0046593	.0087049
23	1		-.004559	.0020565	-2.22	0.027	-.0085897	-.0005283
24	1		-.0033977	.0023868	-1.42	0.155	-.0080757	.0012803
25	1		-.0064224	.0018671	-3.44	0.001	-.0100819	-.0027628
26	1		-.0012929	.0028531	-0.45	0.650	-.0068849	.004299
27	1		-.0037416	.0021371	-1.75	0.080	-.0079304	.0004471
28	1		.0042956	.0038519	1.12	0.265	-.0032539	.0118451
29	1		-.0046525	.0021953	-2.12	0.034	-.0089552	-.0003497
30	1		.0009377	.0029681	0.32	0.752	-.0048797	.0067551
31	1		-.0041719	.0021621	-1.93	0.054	-.0084095	.0000657
32	1		-.0021698	.0028304	-0.77	0.443	-.0077173	.0033777


```

. gen restsouth = 0

. replace restsouth = 1 if (statefip==01 | statefip==12 | statefip==13 | statefip==24
| statefip==28 | statefip==45 | statefip== 51 | statefip == 54)
(932,632 real changes made)

. keep if (nc==1 | restsouth==1)
(5,042,993 observations deleted)

.

. keep if (restsouth==1 | nc == 1)
(0 observations deleted)

.

. save cps_ipums_south, replace
file cps_ipums_south.dta saved

.

. /* Unemployment */
.
. keep if (unemp0 == 1)
(1,020,778 observations deleted)

.

. generate U_to_N = nilf1 == 1

. generate U_to_E = emp1 == 1

. generate U_to_U = unemp1 == 1

.

. sort serial

. xtset serial
      panel variable:  serial (unbalanced)

. xtreg U_to_N i.tim i.tim#nc

```

```

Random-effects GLS regression           Number of obs   =   41,114
Group variable: serial                  Number of groups =   23,493

R-sq:                                    Obs per group:
      within = 0.0077                    min =           1
      between = 0.0116                   avg =           1.8
      overall = 0.0098                   max =           11

Wald chi2(159) =   403.39
corr(u_i, X)   = 0 (assumed)             Prob > chi2     =   0.0000

```

	U_to_N	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim						
2		.025071	.0350445	0.72	0.474	-.0436151 .093757
3		-.0050214	.0357325	-0.14	0.888	-.0750559 .065013
4		.0402923	.0348488	1.16	0.248	-.02801 .1085946
5		.0835409	.0336275	2.48	0.013	.0176323 .1494496
6		.0290304	.0338433	0.86	0.391	-.0373011 .095362
7		.017445	.0317181	0.55	0.582	-.0447214 .0796114
8		.0129815	.030815	0.42	0.674	-.0474148 .0733777
9		.0050848	.0307694	0.17	0.869	-.0552222 .0653917
10		.0277941	.030742	0.90	0.366	-.0324592 .0880474
11		.0093197	.0306001	0.30	0.761	-.0506554 .0692949

12		.0289324	.0314444	0.92	0.358	-.0326975	.0905624
13		.0587463	.0310968	1.89	0.059	-.0022022	.1196949
14		-.0200312	.0314756	-0.64	0.525	-.0817223	.0416599
15		.0316923	.0313933	1.01	0.313	-.0298375	.0932221
16		.0846531	.0318516	2.66	0.008	.022225	.1470812
17		.0241881	.0311974	0.78	0.438	-.0369577	.085334
18		.043141	.0314793	1.37	0.171	-.0185573	.1048392
19		.044931	.0315293	1.43	0.154	-.0168653	.1067273
20		.0464369	.031257	1.49	0.137	-.0148256	.1076995
21		.036046	.0316778	1.14	0.255	-.0260415	.0981334
22		.0911762	.032824	2.78	0.005	.0268424	.1555101
23		.072061	.0321259	2.24	0.025	.0090954	.1350267
24		.0975916	.0316764	3.08	0.002	.0355071	.1596761
25		.0761081	.0322536	2.36	0.018	.0128922	.139324
26		.0906023	.033048	2.74	0.006	.0258295	.1553752
27		.1282811	.0316255	4.06	0.000	.0662963	.1902659
28		.0353054	.0329722	1.07	0.284	-.0293189	.0999297
29		.0280157	.0322948	0.87	0.386	-.0352809	.0913124
30		.0599361	.0331448	1.81	0.071	-.0050266	.1248988
31		.0629873	.0324768	1.94	0.052	-.000666	.1266406
32		.066024	.0321846	2.05	0.040	.0029433	.1291047
33		.0057789	.0320143	0.18	0.857	-.0569679	.0685257
34		.0116405	.0316209	0.37	0.713	-.0503354	.0736163
35		.0270196	.0305754	0.88	0.377	-.0329071	.0869462
36		.0373168	.0295523	1.26	0.207	-.0206045	.0952382
37		-.0261739	.028109	-0.93	0.352	-.0812666	.0289188
38		-.0186066	.0280971	-0.66	0.508	-.0736759	.0364628
39		.000408	.0277953	0.01	0.988	-.0540699	.0548859
40		-.0082946	.0276923	-0.30	0.765	-.0625705	.0459813
41		-.0124271	.0271122	-0.46	0.647	-.0655661	.0407119
42		-.0170516	.028092	-0.61	0.544	-.0721109	.0380078
43		.0138509	.0279658	0.50	0.620	-.0409611	.0686629
44		.0152638	.0279583	0.55	0.585	-.0395334	.0700609
45		.0304131	.0276867	1.10	0.272	-.0238518	.084678
46		.0202759	.0280815	0.72	0.470	-.0347627	.0753146
47		.0087976	.0280783	0.31	0.754	-.0462349	.06383
48		.0191017	.0285484	0.67	0.503	-.0368521	.0750556
49		.0609998	.028369	2.15	0.032	.0053975	.1166021
50		.0621531	.029081	2.14	0.033	.0051554	.1191508
51		.0187038	.0287754	0.65	0.516	-.0376948	.0751025
52		.0339262	.0291737	1.16	0.245	-.0232532	.0911056
53		.0468899	.0289977	1.62	0.106	-.0099445	.1037244
54		.0393795	.0295105	1.33	0.182	-.0184601	.0972191
55		.0321683	.0295854	1.09	0.277	-.0258181	.0901546
56		.07619	.029816	2.56	0.011	.0177517	.1346284
57		.0545328	.0295121	1.85	0.065	-.0033097	.1123754
58		.0476411	.0302951	1.57	0.116	-.0117363	.1070185
59		.0626062	.029415	2.13	0.033	.0049539	.1202585
60		.0781401	.0297766	2.62	0.009	.019779	.1365012
61		.0949366	.0297557	3.19	0.001	.0366166	.1532567
62		.0740404	.030114	2.46	0.014	.015018	.1330627
63		.0434426	.0308801	1.41	0.159	-.0170813	.1039665
64		.0918216	.0309423	2.97	0.003	.0311758	.1524673
65		.0824009	.0303301	2.72	0.007	.022955	.1418467
66		.0597624	.0317394	1.88	0.060	-.0024456	.1219704
67		.0317327	.0306581	1.04	0.301	-.0283561	.0918215
68		.0414267	.0307309	1.35	0.178	-.0188047	.1016581
69		.0631348	.031032	2.03	0.042	.0023131	.1239564
70		.0687951	.0327878	2.10	0.036	.0045322	.1330581
71		.0689438	.0324159	2.13	0.033	.0054098	.1324777
72		.0669232	.0327314	2.04	0.041	.0027709	.1310756
73		.0916302	.0320296	2.86	0.004	.0288534	.1544071
74		.0774809	.0336978	2.30	0.021	.0114345	.1435273

75		.0630322	.0337426	1.87	0.062	-.003102	.1291664
76		.0855004	.0340223	2.51	0.012	.0188178	.1521829
77		.0514107	.0331788	1.55	0.121	-.0136186	.1164401
78		.0883618	.0351061	2.52	0.012	.0195551	.1571686
79		.0951723	.0355543	2.68	0.007	.025487	.1648575
80		.0605297	.0403846	1.50	0.134	-.0186227	.1396821
tim#nc							
1	1	-.050568	.064964	-0.78	0.436	-.1778952	.0767591
2	1	.0977736	.0763127	1.28	0.200	-.0517966	.2473437
3	1	.0372522	.0679118	0.55	0.583	-.0958525	.1703569
4	1	-.0688213	.0654767	-1.05	0.293	-.1971532	.0595106
5	1	-.0058381	.0577009	-0.10	0.919	-.1189298	.1072537
6	1	-.0537004	.0582086	-0.92	0.356	-.1677873	.0603864
7	1	-.0049458	.0597909	-0.08	0.934	-.1221338	.1122422
8	1	-.0053105	.0485767	-0.11	0.913	-.1005192	.0898981
9	1	-.0032093	.0464679	-0.07	0.945	-.0942847	.0878662
10	1	-.053415	.0490428	-1.09	0.276	-.149537	.0427071
11	1	.0185151	.0491834	0.38	0.707	-.0778826	.1149128
12	1	-.0123201	.0514577	-0.24	0.811	-.1131753	.0885351
13	1	-.0267707	.0473412	-0.57	0.572	-.1195577	.0660163
14	1	.0325297	.0527299	0.62	0.537	-.070819	.1358785
15	1	-.0904061	.0532991	-1.70	0.090	-.1948705	.0140583
16	1	-.0708002	.0513832	-1.38	0.168	-.1715095	.029909
17	1	.0812777	.0528808	1.54	0.124	-.0223667	.1849222
18	1	-.0610797	.0613598	-1.00	0.320	-.1813428	.0591834
19	1	-.0135298	.0552975	-0.24	0.807	-.121911	.0948514
20	1	-.013203	.0551059	-0.24	0.811	-.1212086	.0948026
21	1	-.0210267	.0573921	-0.37	0.714	-.1335131	.0914597
22	1	-.0315638	.0589117	-0.54	0.592	-.1470285	.0839009
23	1	.0148924	.0616198	0.24	0.809	-.1058802	.1356651
24	1	-.0753184	.061447	-1.23	0.220	-.1957523	.0451155
25	1	-.0131654	.0612146	-0.22	0.830	-.1331439	.1068131
26	1	-.1275821	.0627414	-2.03	0.042	-.2505531	-.0046111
27	1	-.1577139	.0592691	-2.66	0.008	-.2738792	-.0415487
28	1	.1337123	.0638889	2.09	0.036	.0084924	.2589323
29	1	-.1154692	.0676401	-1.71	0.088	-.2480414	.0171103
30	1	-.1219549	.0621986	-1.96	0.050	-.243862	-.0000478
31	1	-.0639507	.0649167	-0.99	0.325	-.1911852	.0632837
32	1	-.0968947	.0634448	-1.53	0.127	-.2212443	.0274548
33	1	.0637662	.0558727	1.14	0.254	-.0457423	.1732747
34	1	.0415083	.056084	0.74	0.459	-.0684143	.1514309
35	1	-.0325222	.0497467	-0.65	0.513	-.130024	.0649796
36	1	-.0573728	.0454841	-1.26	0.207	-.1465199	.0317743
37	1	-.0065518	.0394692	-0.17	0.868	-.0839101	.0708064
38	1	-.0387712	.0421425	-0.92	0.358	-.1213689	.0438265
39	1	-.0238177	.0372795	-0.64	0.523	-.0968841	.0492487
40	1	-.0071146	.0399261	-0.18	0.859	-.0853683	.0711392
41	1	.0601196	.0370473	1.62	0.105	-.0124917	.1327309
42	1	-.01068	.0400159	-0.27	0.790	-.0891097	.0677496
43	1	-.0272096	.0376734	-0.72	0.470	-.1010482	.0466289
44	1	-.0098934	.0436177	-0.23	0.821	-.0953824	.0755957
45	1	-.0853732	.0440398	-1.94	0.053	-.1716896	.0009432
46	1	-.0180993	.038762	-0.47	0.641	-.0940714	.0578728
47	1	.0198852	.0395969	0.50	0.616	-.0577233	.0974936
48	1	-.0336293	.0441583	-0.76	0.446	-.120178	.0529195
49	1	.0088157	.0440632	0.20	0.841	-.0775467	.0951781
50	1	-.0312767	.0472144	-0.66	0.508	-.1238153	.0612618
51	1	-.0267743	.0498914	-0.54	0.592	-.1245597	.0710111
52	1	-.0219512	.0430596	-0.51	0.610	-.1063464	.062444
53	1	.0295052	.0432756	0.68	0.495	-.0553134	.1143238
54	1	-.0495521	.0456477	-1.09	0.278	-.13902	.0399157
55	1	.1217564	.0483293	2.52	0.012	.0270328	.2164801

15		.0300791	.0383359	0.78	0.433	-.0450578	.1052161
16		.0188438	.0388967	0.48	0.628	-.0573924	.09508
17		.0418855	.0380976	1.10	0.272	-.0327845	.1165555
18		.0514981	.0384404	1.34	0.180	-.0238437	.1268398
19		.0178553	.0385005	0.46	0.643	-.0576043	.0933148
20		.0434031	.0381691	1.14	0.255	-.0314071	.1182132
21		.0212453	.0386826	0.55	0.583	-.0545713	.0970618
22		-.0292905	.040081	-0.73	0.465	-.1078478	.0492668
23		-.0246906	.0392296	-0.63	0.529	-.1015793	.0521981
24		-.0182327	.0386806	-0.47	0.637	-.0940453	.0575799
25		-.0170352	.0393851	-0.43	0.665	-.0942287	.0601582
26		-.0302106	.0403544	-0.75	0.454	-.1093038	.0488826
27		-.1214229	.0386194	-3.14	0.002	-.1971155	-.0457304
28		-.0005732	.0402632	-0.01	0.989	-.0794876	.0783413
29		-.0297838	.0394347	-0.76	0.450	-.1070743	.0475068
30		-.0088496	.0404775	-0.22	0.827	-.0881841	.0704849
31		-.0157845	.0396586	-0.40	0.691	-.0935139	.0619449
32		.0225803	.0392994	0.57	0.566	-.0544451	.0996056
33		.0273565	.0390949	0.70	0.484	-.0492682	.1039812
34		.0712841	.0386116	1.85	0.065	-.0043933	.1469614
35		.0741663	.0373371	1.99	0.047	.0009869	.1473458
36		.1347184	.0360906	3.73	0.000	.0639821	.2054546
37		.1724004	.0343261	5.02	0.000	.1051225	.2396783
38		.170143	.0343124	4.96	0.000	.102892	.237394
39		.1654853	.0339426	4.88	0.000	.098959	.2320115
40		.218166	.0338185	6.45	0.000	.151883	.2844491
41		.1709019	.0331097	5.16	0.000	.1060081	.2357957
42		.1960493	.0343054	5.71	0.000	.128812	.2632866
43		.1539408	.0341519	4.51	0.000	.0870042	.2208773
44		.1733473	.0341419	5.08	0.000	.1064304	.2402641
45		.1359509	.0338104	4.02	0.000	.0696837	.202218
46		.1546682	.0342918	4.51	0.000	.0874576	.2218789
47		.1675962	.0342886	4.89	0.000	.1003917	.2348007
48		.1517689	.0348628	4.35	0.000	.0834391	.2200988
49		.090883	.0346446	2.62	0.009	.0229809	.1587851
50		.0980226	.0355112	2.76	0.006	.0284221	.1676232
51		.1165067	.0351402	3.32	0.001	.0476331	.1853802
52		.1266532	.0356248	3.56	0.000	.0568299	.1964766
53		.0937492	.0354108	2.65	0.008	.0243453	.1631531
54		.1331636	.0360377	3.70	0.000	.062531	.2037961
55		.0968958	.0361285	2.68	0.007	.0260853	.1677063
56		.067528	.0364089	1.85	0.064	-.0038323	.1388882
57		.0602625	.0360403	1.67	0.095	-.0103751	.1309002
58		.1045198	.0369966	2.83	0.005	.0320078	.1770319
59		.0498431	.0359234	1.39	0.165	-.0205656	.1202517
60		.0371127	.0363619	1.02	0.307	-.0341553	.1083806
61		.0299305	.0363364	0.82	0.410	-.0412875	.1011485
62		.0532601	.0367754	1.45	0.148	-.0188184	.1253385
63		.0431218	.0377116	1.14	0.253	-.0307916	.1170352
64		.0395794	.0377839	1.05	0.295	-.0344756	.1136344
65		.0405991	.0370387	1.10	0.273	-.0319953	.1131936
66		.063363	.0387591	1.63	0.102	-.0126035	.1393295
67		.0350952	.0374388	0.94	0.349	-.0382834	.1084738
68		.0627172	.0375283	1.67	0.095	-.0108368	.1362713
69		.0176969	.0378973	0.47	0.641	-.0565804	.0919742
70		.0143349	.0400409	0.36	0.720	-.0641438	.0928135
71		-.0286128	.0395863	-0.72	0.470	-.1062005	.0489749
72		.0472894	.0399697	1.18	0.237	-.0310497	.1256285
73		-.0143202	.0391129	-0.37	0.714	-.0909801	.0623398
74		.0686759	.0411529	1.67	0.095	-.0119822	.1493341
75		-.0375429	.0412035	-0.91	0.362	-.1183003	.0432144
76		-.0039673	.0415456	-0.10	0.924	-.0853952	.0774607
77		.0064106	.0405144	0.16	0.874	-.0729962	.0858174

78		.0265591	.0428681	0.62	0.536	-.0574608	.110579
79		.0062547	.0434157	0.14	0.885	-.0788385	.0913479
80		-.0135945	.0493111	-0.28	0.783	-.1102424	.0830534
tim#nc							
1		-.2111408	.0793495	-2.66	0.008	-.366663	-.0556186
2		-.0010168	.0931856	-0.01	0.991	-.1836573	.1816237
3		-.051189	.0829242	-0.62	0.537	-.2137174	.1113393
4		-.0132555	.0799612	-0.17	0.868	-.1699766	.1434655
5		.0639597	.0704779	0.91	0.364	-.0741745	.2020939
6		.0062427	.0710872	0.09	0.930	-.1330857	.1455711
7		.1412167	.0730044	1.93	0.053	-.0018693	.2843027
8		-.0308351	.0593252	-0.52	0.603	-.1471105	.0854402
9		-.0092757	.0567495	-0.16	0.870	-.1205027	.1019513
10		.0545302	.059891	0.91	0.363	-.062854	.1719144
11		.0138637	.0600533	0.23	0.817	-.1038387	.1315661
12		.0512097	.062848	0.81	0.415	-.0719701	.1743894
13		.0863406	.0578152	1.49	0.135	-.0269753	.1996564
14		-.0504198	.0643963	-0.78	0.434	-.1766341	.0757946
15		.1596175	.065077	2.45	0.014	.0320689	.2871662
16		.0383252	.0627496	0.61	0.541	-.0846617	.1613121
17		-.0111538	.0645759	-0.17	0.863	-.1377201	.1154126
18		.0638616	.0749416	0.85	0.394	-.0830212	.2107445
19		-.0289983	.067543	-0.43	0.668	-.16138	.1033835
20		.0272097	.067299	0.40	0.686	-.1046938	.1591132
21		-.0283365	.0700785	-0.40	0.686	-.1656878	.1090148
22		.1178363	.0719222	1.64	0.101	-.0231287	.2588013
23		.0412904	.0752364	0.55	0.583	-.1061703	.1887511
24		.1012668	.0750386	1.35	0.177	-.0458061	.2483397
25		.0000552	.0747614	0.00	0.999	-.1464744	.1465848
26		.0349489	.0766225	0.46	0.648	-.1152285	.1851264
27		.15427	.0723748	2.13	0.033	.012418	.2961219
28		-.0360583	.0780261	-0.46	0.644	-.1889866	.1168699
29		.1151919	.0825737	1.40	0.163	-.0466496	.2770334
30		.2132542	.0759545	2.81	0.005	.0643861	.3621222
31		.0686091	.0792753	0.87	0.387	-.0867676	.2239857
32		.0292346	.0774645	0.38	0.706	-.122593	.1810622
33		-.064238	.0682141	-0.94	0.346	-.1979351	.0694592
34		.0880894	.0684776	1.29	0.198	-.0461243	.2223031
35		.0149274	.0607474	0.25	0.806	-.1041353	.1339902
36		.0637076	.055559	1.15	0.252	-.0451861	.1726013
37		-.0110054	.0482052	-0.23	0.819	-.105486	.0834751
38		.0503146	.0514621	0.98	0.328	-.0505493	.1511784
39		.0391848	.0455231	0.86	0.389	-.0500389	.1284085
40		-.0280929	.0487717	-0.58	0.565	-.1236836	.0674979
41		-.0752799	.0452507	-1.66	0.096	-.1639696	.0134099
42		.015392	.0488673	0.31	0.753	-.0803861	.1111701
43		.0250883	.0460142	0.55	0.586	-.0650978	.1152744
44		.079214	.0532771	1.49	0.137	-.0252071	.1836351
45		-.0018483	.0537786	-0.03	0.973	-.1072524	.1035559
46		.0281132	.0473385	0.59	0.553	-.0646686	.1208949
47		-.0649698	.0483607	-1.34	0.179	-.159755	.0298155
48		.0004698	.0539203	0.01	0.993	-.105212	.1061516
49		.0511681	.053812	0.95	0.342	-.0543015	.1566377
50		.0563206	.0576486	0.98	0.329	-.0566686	.1693098
51		.0603159	.0609355	0.99	0.322	-.0591155	.1797473
52		.0937471	.0525843	1.78	0.075	-.0093162	.1968104
53		-.0800427	.0528403	-1.51	0.130	-.1836077	.0235223
54		.0512566	.0557466	0.92	0.358	-.0580048	.160518
55		-.0996194	.0590176	-1.69	0.091	-.2152918	.0160529
56		-.1028801	.0608944	-1.69	0.091	-.222231	.0164709
57		-.0342398	.0621667	-0.55	0.582	-.1560843	.0876047
58		-.1211205	.0658044	-1.84	0.066	-.2500946	.0078537

18		-.0943713	.0321919	-2.93	0.003	-.1574662	-.0312763
19		-.0620554	.0322394	-1.92	0.054	-.1252434	.0011326
20		-.0896825	.0319665	-2.81	0.005	-.1523357	-.0270292
21		-.0568017	.0323932	-1.75	0.080	-.1202913	.0066879
22		-.0612625	.033559	-1.83	0.068	-.127037	.0045119
23		-.0465051	.0328517	-1.42	0.157	-.1108934	.0178831
24		-.0787746	.0323915	-2.43	0.015	-.1422609	-.0152884
25		-.0593282	.032979	-1.80	0.072	-.1239657	.0053094
26		-.0605213	.033789	-1.79	0.073	-.1267465	.0057039
27		-.0067753	.0323416	-0.21	0.834	-.0701636	.0566131
28		-.0347445	.0337188	-1.03	0.303	-.1008321	.031343
29		-.0016026	.0330179	-0.05	0.961	-.0663166	.0631114
30		-.0508762	.0339028	-1.50	0.133	-.1173246	.0155721
31		-.0504867	.0332099	-1.52	0.128	-.115577	.0146035
32		-.0879649	.0329032	-2.67	0.008	-.1524539	-.0234759
33		-.0355987	.0327399	-1.09	0.277	-.0997676	.0285703
34		-.0841257	.0323277	-2.60	0.009	-.1474868	-.0207646
35		-.1010471	.031267	-3.23	0.001	-.1623293	-.0397649
36		-.1714126	.030233	-5.67	0.000	-.2306682	-.112157
37		-.145631	.0287493	-5.07	0.000	-.2019786	-.0892834
38		-.1529258	.0287388	-5.32	0.000	-.2092529	-.0965987
39		-.1655837	.028427	-5.82	0.000	-.2212996	-.1098678
40		-.209966	.028329	-7.41	0.000	-.2654897	-.1544423
41		-.1592236	.027733	-5.74	0.000	-.2135793	-.1048679
42		-.1784345	.0287329	-6.21	0.000	-.2347499	-.1221191
43		-.1670447	.028606	-5.84	0.000	-.2231113	-.110978
44		-.187621	.0285952	-6.56	0.000	-.2436665	-.1315755
45		-.1658051	.0283167	-5.86	0.000	-.2213049	-.1103054
46		-.1739412	.0287178	-6.06	0.000	-.2302271	-.1176553
47		-.1758475	.0287173	-6.12	0.000	-.2321324	-.1195625
48		-.1730013	.029198	-5.93	0.000	-.2302284	-.1157742
49		-.1511218	.0290176	-5.21	0.000	-.2079953	-.0942484
50		-.1594331	.0297355	-5.36	0.000	-.2177136	-.1011525
51		-.1349432	.0294309	-4.59	0.000	-.1926267	-.0772597
52		-.1601819	.0298317	-5.37	0.000	-.218651	-.1017127
53		-.1396327	.0296551	-4.71	0.000	-.1977556	-.0815098
54		-.1714701	.0301815	-5.68	0.000	-.2306246	-.1123155
55		-.1288503	.030256	-4.26	0.000	-.1881509	-.0695496
56		-.1432653	.0304878	-4.70	0.000	-.2030203	-.0835103
57		-.1158477	.0301861	-3.84	0.000	-.1750114	-.0566841
58		-.1524359	.030987	-4.92	0.000	-.2131693	-.0917025
59		-.1117915	.0300927	-3.71	0.000	-.170772	-.0528109
60		-.1144286	.0304519	-3.76	0.000	-.1741132	-.054744
61		-.1246733	.0304309	-4.10	0.000	-.1843168	-.0650298
62		-.1267554	.0308019	-4.12	0.000	-.187126	-.0663849
63		-.0882106	.0315871	-2.79	0.005	-.1501201	-.026301
64		-.1302216	.0316383	-4.12	0.000	-.1922315	-.0682117
65		-.1224414	.031021	-3.95	0.000	-.1832414	-.0616414
66		-.1226774	.0324601	-3.78	0.000	-.186298	-.0590568
67		-.0657697	.0313547	-2.10	0.036	-.1272238	-.0043156
68		-.1038119	.031431	-3.30	0.001	-.1654156	-.0422082
69		-.0801281	.0317429	-2.52	0.012	-.1423431	-.0179131
70		-.0833397	.0335368	-2.49	0.013	-.1490707	-.0176087
71		-.0399007	.0331552	-1.20	0.229	-.1048838	.0250824
72		-.1133095	.0334715	-3.39	0.001	-.1789125	-.0477065
73		-.0793309	.0327547	-2.42	0.015	-.143529	-.0151329
74		-.1444664	.0344709	-4.19	0.000	-.2120282	-.0769047
75		-.0286539	.0345031	-0.83	0.406	-.0962787	.0389709
76		-.0814698	.0347899	-2.34	0.019	-.1496568	-.0132828
77		-.0568387	.0339236	-1.68	0.094	-.1233276	.0096503
78		-.1142705	.035895	-3.18	0.001	-.1846234	-.0439176
79		-.101078	.0363538	-2.78	0.005	-.1723302	-.0298257
80		-.0468634	.0412823	-1.14	0.256	-.1277751	.0340484

tim#nc							
1 1		.2629431	.0665079	3.95	0.000	.13259	.3932963
2 1		-.0942797	.07804	-1.21	0.227	-.2472352	.0586758
3 1		.0153582	.0694331	0.22	0.825	-.1207281	.1514446
4 1		.0808933	.0669838	1.21	0.227	-.0503925	.2121791
5 1		-.0577508	.0590723	-0.98	0.328	-.1735303	.0580287
6 1		.0463307	.0595517	0.78	0.437	-.0703884	.1630498
7 1		-.1352158	.0611133	-2.21	0.027	-.2549958	-.0154359
8 1		.0373124	.0496982	0.75	0.453	-.0600943	.1347191
9 1		.0135952	.0475364	0.29	0.775	-.0795745	.1067649
10 1		-.0027021	.0501562	-0.05	0.957	-.1010064	.0956023
11 1		-.0320325	.0502717	-0.64	0.524	-.1305632	.0664981
12 1		-.0391993	.0526635	-0.74	0.457	-.1424178	.0640193
13 1		-.0615753	.0484257	-1.27	0.204	-.156488	.0333374
14 1		.0158621	.0539381	0.29	0.769	-.0898546	.1215788
15 1		-.0672181	.0544742	-1.23	0.217	-.1739857	.0395494
16 1		.0319056	.0525619	0.61	0.544	-.0711138	.134925
17 1		-.0704468	.0540742	-1.30	0.193	-.1764303	.0355368
18 1		-.0002956	.0627925	-0.00	0.996	-.1233666	.1227755
19 1		.041939	.0566076	0.74	0.459	-.0690098	.1528879
20 1		-.0158109	.0563787	-0.28	0.779	-.126311	.0946893
21 1		.0496164	.0586692	0.85	0.398	-.0653732	.164606
22 1		-.0888443	.0601737	-1.48	0.140	-.2067827	.0290941
23 1		-.0584385	.0629794	-0.93	0.353	-.1818758	.0649989
24 1		-.0281775	.0628388	-0.45	0.654	-.1513392	.0949842
25 1		.012042	.062621	0.19	0.848	-.1106928	.1347769
26 1		.0941489	.0641761	1.47	0.142	-.0316338	.2199317
27 1		.003775	.0605995	0.06	0.950	-.1149978	.1225478
28 1		-.0983982	.0653695	-1.51	0.132	-.22652	.0297237
29 1		.003422	.0690679	0.05	0.960	-.1319485	.1387926
30 1		-.0898004	.0636005	-1.41	0.158	-.2144551	.0348542
31 1		-.0013279	.0663891	-0.02	0.984	-.1314481	.1287923
32 1		.0667199	.0648334	1.03	0.303	-.0603511	.1937909
33 1		.0018712	.0570766	0.03	0.974	-.1099969	.1137393
34 1		-.1271333	.057308	-2.22	0.027	-.2394548	-.0148118
35 1		.0158439	.0508602	0.31	0.755	-.0838402	.1155281
36 1		-.0082415	.0465709	-0.18	0.860	-.0995188	.0830359
37 1		.0194811	.0403847	0.48	0.630	-.0596715	.0986337
38 1		-.0082892	.0430877	-0.19	0.847	-.0927395	.0761611
39 1		-.014566	.0381178	-0.38	0.702	-.0892755	.0601435
40 1		.0349227	.0408879	0.85	0.393	-.0452162	.1150615
41 1		.0154145	.0379199	0.41	0.684	-.0589072	.0897362
42 1		-.0040445	.0409272	-0.10	0.921	-.0842603	.0761712
43 1		.00126	.0385568	0.03	0.974	-.0743099	.0768298
44 1		-.0710645	.0446513	-1.59	0.111	-.1585794	.0164504
45 1		.0877189	.0450246	1.95	0.051	-.0005276	.1759654
46 1		-.0089898	.0396466	-0.23	0.821	-.0866957	.068716
47 1		.0435482	.0405075	1.08	0.282	-.0358449	.1229414
48 1		.0363169	.0451349	0.80	0.421	-.0521458	.1247797
49 1		-.0594382	.0450677	-1.32	0.187	-.1477693	.0288929
50 1		-.0259929	.0482495	-0.54	0.590	-.1205602	.0685744
51 1		-.0377051	.0510447	-0.74	0.460	-.1377509	.0623407
52 1		-.071471	.0440323	-1.62	0.105	-.1577727	.0148307
53 1		.0499038	.0442268	1.13	0.259	-.0367792	.1365868
54 1		-.001333	.0466858	-0.03	0.977	-.0928356	.0901695
55 1		-.0212051	.0494123	-0.43	0.668	-.1180514	.0756412
56 1		.045339	.0509939	0.89	0.374	-.0546072	.1452852
57 1		.0562805	.052062	1.08	0.280	-.0457593	.1583202
58 1		-.0474787	.0551647	-0.86	0.389	-.1555995	.060642
59 1		.0107099	.0564825	0.19	0.850	-.0999938	.1214136
60 1		-.0563977	.0653295	-0.86	0.388	-.184441	.0716457
61 1		.0393809	.0612686	0.64	0.520	-.0807034	.1594653

62	1		.0930157	.0561723	1.66	0.098	-.0170799	.2031113
63	1		.0039204	.053227	0.07	0.941	-.1004025	.1082434
64	1		.0749064	.0546099	1.37	0.170	-.0321269	.1819398
65	1		-.0222391	.0566481	-0.39	0.695	-.1332673	.0887891
66	1		.0204155	.0622247	0.33	0.743	-.1015426	.1423736
67	1		.0536897	.0585476	0.92	0.359	-.0610614	.1684408
68	1		-.059457	.059118	-1.01	0.315	-.1753261	.0564122
69	1		-.095969	.0643139	-1.49	0.136	-.222022	.0300839
70	1		.0698905	.0702211	1.00	0.320	-.0677404	.2075213
71	1		-.0715847	.0595913	-1.20	0.230	-.1883815	.0452121
72	1		-.0626302	.0646866	-0.97	0.333	-.1894135	.0641532
73	1		-.0415709	.0660496	-0.63	0.529	-.1710257	.0878839
74	1		-.040022	.0684122	-0.59	0.559	-.1741075	.0940636
75	1		-.0775571	.0733965	-1.06	0.291	-.2214117	.0662974
76	1		-.0710981	.074404	-0.96	0.339	-.2169273	.0747312
77	1		-.0482954	.0688207	-0.70	0.483	-.1831814	.0865906
78	1		.0149543	.0844491	0.18	0.859	-.1505628	.1804715
79	1		-.0050956	.0834943	-0.06	0.951	-.1687413	.1585502
80	1		.1552967	.0919158	1.69	0.091	-.0248549	.3354483
_cons			.3302127	.0244255	13.52	0.000	.2823397	.3780857

sigma_u			.089655					
sigma_e			.40084966					
rho			.0476416	(fraction of variance due to u_i)				

```
. /* Survey weights */
```

```
. svyset [iw=wtfinl]
```

```

iweight: wtfinl
VCE: linearized
Single unit: missing
Strata 1: <one>
SU 1: <observations>
FPC 1: <zero>

```

```
. summarize U_to_N
```

Variable	Obs	Mean	Std. Dev.	Min	Max
U_to_N	41,114	.2017804	.401334	0	1

```
. summarize U_to_N [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
U_to_N	41,114	120315172	.2002341	.4001803	0	1

```
. summarize U_to_E
```

Variable	Obs	Mean	Std. Dev.	Min	Max
U_to_E	41,114	.2167631	.4120449	0	1

```
. summarize U_to_E [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
U_to_E	41,114	120315172	.2167631	.4120449	0	1

```
U_to_E | 41,114 120315172 .2145702 .4105288 0 1
```

```
. summarize U_to_U
```

Variable	Obs	Mean	Std. Dev.	Min	Max
U_to_U	41,114	.5811646	.4933743	0	1

```
. summarize U_to_U [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
U_to_U	41,114	120315172	.5848538	.4927532	0	1

```
. svy:regress U_to_N i.tim i.tim#nc
(running regress on estimation sample)
```

Survey: Linear regression

```
Number of strata = 1
Number of PSUs = 41,114
Number of obs = 41,114
Population size = 120,315,172
Design df = 41,113
F( 159, 40955) = 2.44
Prob > F = 0.0000
R-squared = 0.0110
```

U_to_N	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
tim						
2	.0222144	.0373108	0.60	0.552	-.0509155	.0953444
3	-.0240958	.0357491	-0.67	0.500	-.0941649	.0459732
4	.051756	.0382827	1.35	0.176	-.0232791	.126791
5	.0635441	.0365467	1.74	0.082	-.0080881	.1351764
6	.0200253	.0355518	0.56	0.573	-.049657	.0897076
7	.016732	.0336613	0.50	0.619	-.0492449	.082709
8	-.0048448	.0315692	-0.15	0.878	-.0667211	.0570314
9	-.0136676	.0315141	-0.43	0.665	-.0754359	.0481006
10	.0313274	.0332489	0.94	0.346	-.0338413	.096496
11	.0003506	.0323155	0.01	0.991	-.0629885	.0636897
12	.0187961	.0333682	0.56	0.573	-.0466063	.0841985
13	.0353216	.0331868	1.06	0.287	-.0297252	.1003684
14	-.0373132	.0313178	-1.19	0.233	-.0986967	.0240702
15	.0147488	.0325964	0.45	0.651	-.0491408	.0786385
16	.0600292	.0341979	1.76	0.079	-.0069993	.1270578
17	.0084164	.0325732	0.26	0.796	-.0554277	.0722605
18	.037151	.0343969	1.08	0.280	-.0302677	.1045697
19	.0478032	.0341628	1.40	0.162	-.0191566	.1147629
20	.0331407	.033356	0.99	0.320	-.0322378	.0985193
21	.0175116	.0331126	0.53	0.597	-.0473899	.082413
22	.0753774	.0356048	2.12	0.034	.0055911	.1451637
23	.0620282	.0346153	1.79	0.073	-.0058185	.1298749
24	.0955157	.0349588	2.73	0.006	.0269958	.1640357
25	.0610975	.034754	1.76	0.079	-.0070211	.1292161
26	.0777941	.0359731	2.16	0.031	.007286	.1483022
27	.1082213	.0349062	3.10	0.002	.0398044	.1766382
28	.0232445	.0345123	0.67	0.501	-.0444004	.0908895
29	.0156449	.0336004	0.47	0.641	-.0502126	.0815023
30	.0443582	.0352391	1.26	0.208	-.0247111	.1134276
31	.056997	.0350248	1.63	0.104	-.0116525	.1256465

32		.0474016	.0341987	1.39	0.166	-.0196285	.1144317	
33		-.0119056	.0324897	-0.37	0.714	-.075586	.0517749	
34		.0020026	.0325627	0.06	0.951	-.061821	.0658262	
35		.0111795	.0315637	0.35	0.723	-.0506859	.073045	
36		.0149936	.0305991	0.49	0.624	-.0449812	.0749684	
37		-.0416316	.0282369	-1.47	0.140	-.0969765	.0137132	
38		-.03625	.0283161	-1.28	0.200	-.0917502	.0192502	
39		-.0100233	.0285992	-0.35	0.726	-.0660783	.0460318	
40		-.0239199	.0282131	-0.85	0.397	-.0792182	.0313785	
41		-.0236196	.0277405	-0.85	0.395	-.0779917	.0307524	
42		-.0321707	.0283692	-1.13	0.257	-.087775	.0234336	
43		-.0016844	.0288686	-0.06	0.953	-.0582675	.0548988	
44		-.0052873	.0286289	-0.18	0.853	-.0614005	.0508259	
45		.0190746	.0289395	0.66	0.510	-.0376474	.0757966	
46		.0023537	.028996	0.08	0.935	-.0544791	.0591865	
47		-.0121128	.0286511	-0.42	0.672	-.0682696	.0440441	
48		.0093312	.0297176	0.31	0.754	-.0489158	.0675783	
49		.0532437	.0302021	1.76	0.078	-.005953	.1124404	
50		.0457838	.0309956	1.48	0.140	-.0149684	.1065359	
51		.0076848	.0298642	0.26	0.797	-.0508497	.0662193	
52		.0259406	.0308406	0.84	0.400	-.0345076	.0863888	
53		.0384522	.0306991	1.25	0.210	-.0217187	.0986232	
54		.0241952	.0309947	0.78	0.435	-.036555	.0849454	
55		.018418	.0310652	0.59	0.553	-.0424704	.0793064	
56		.0556765	.0317561	1.75	0.080	-.0065662	.1179192	
57		.0449535	.0314773	1.43	0.153	-.0167428	.1066497	
58		.0345279	.0322995	1.07	0.285	-.0287798	.0978356	
59		.0422126	.0316141	1.34	0.182	-.0197517	.1041769	
60		.0613623	.0325215	1.89	0.059	-.0023805	.1251051	
61		.0816335	.0328632	2.48	0.013	.0172209	.1460461	
62		.0643772	.0333617	1.93	0.054	-.0010124	.1297669	
63		.0316533	.0332304	0.95	0.341	-.033479	.0967856	
64		.0622953	.0337836	1.84	0.065	-.0039212	.1285118	
65		.0661183	.0333237	1.98	0.047	.0008031	.1314335	
66		.0447476	.0350076	1.28	0.201	-.023868	.1133632	
67		.016794	.0326424	0.51	0.607	-.0471859	.0807738	
68		.0346335	.0332555	1.04	0.298	-.030548	.099815	
69		.0381054	.0334904	1.14	0.255	-.0275366	.1037474	
70		.0439802	.0354032	1.24	0.214	-.0254108	.1133712	
71		.0652249	.0362371	1.80	0.072	-.0058006	.1362504	
72		.019858	.034639	0.57	0.566	-.0480351	.0877511	
73		.0808473	.0360219	2.24	0.025	.0102437	.151451	
74		.0586884	.0374329	1.57	0.117	-.0146809	.1320577	
75		.0519419	.0376721	1.38	0.168	-.0218961	.12578	
76		.0736338	.0381754	1.93	0.054	-.0011909	.1484585	
77		.0530784	.0377858	1.40	0.160	-.0209826	.1271395	
78		.073539	.040259	1.83	0.068	-.0053696	.1524475	
79		.1027395	.042508	2.42	0.016	.019423	.1860561	
80		.0693526	.0495176	1.40	0.161	-.0277029	.1664081	
tim#nc								
1	1		-.0501687	.0598937	-0.84	0.402	-.1675616	.0672242
2	1		.0857292	.0862706	0.99	0.320	-.0833631	.2548215
3	1		.0515711	.0698124	0.74	0.460	-.0852628	.1884049
4	1		-.0893783	.060644	-1.47	0.141	-.2082419	.0294852
5	1		-.0061036	.0617324	-0.10	0.921	-.1271004	.1148933
6	1		-.0564577	.0525893	-1.07	0.283	-.1595338	.0466184
7	1		-.0119552	.0600674	-0.20	0.842	-.1296886	.1057783
8	1		-.0095534	.0446293	-0.21	0.831	-.0970278	.0779211
9	1		.0044183	.0442808	0.10	0.921	-.082373	.0912097
10	1		-.0723941	.0443795	-1.63	0.103	-.1593788	.0145907
11	1		.0167468	.0497149	0.34	0.736	-.0806954	.114189
12	1		-.0064085	.0522667	-0.12	0.902	-.1088523	.0960353

13	1		-.002497	.0502372	-0.05	0.960	-.100963	.0959689
14	1		.0522493	.053958	0.97	0.333	-.0535096	.1580082
15	1		-.0887406	.042552	-2.09	0.037	-.1721434	-.0053378
16	1		-.0609784	.0504742	-1.21	0.227	-.1599089	.037952
17	1		.086718	.0587769	1.48	0.140	-.0284861	.2019221
18	1		-.0916418	.0529141	-1.73	0.083	-.1953545	.0120709
19	1		-.03589	.055869	-0.64	0.521	-.1453944	.0736144
20	1		-.0079396	.0575305	-0.14	0.890	-.1207006	.1048215
21	1		-.0292444	.0533337	-0.55	0.583	-.1337796	.0752908
22	1		-.028981	.0627952	-0.46	0.644	-.1520609	.0940989
23	1		.0167967	.0685488	0.25	0.806	-.1175604	.1511538
24	1		-.0709081	.0652802	-1.09	0.277	-.1988588	.0570426
25	1		-.0080697	.0654487	-0.12	0.902	-.1363505	.1202112
26	1		-.1163015	.0592066	-1.96	0.049	-.2323477	-.0002552
27	1		-.1437393	.0551704	-2.61	0.009	-.2518745	-.0356042
28	1		.1416437	.076335	1.86	0.064	-.0079746	.2912621
29	1		-.1131245	.0494176	-2.29	0.022	-.2099841	-.016265
30	1		-.112475	.0521075	-2.16	0.031	-.2146068	-.0103432
31	1		-.0631086	.0637845	-0.99	0.322	-.1881276	.0619104
32	1		-.0866428	.0586194	-1.48	0.139	-.2015382	.0282526
33	1		.077325	.061011	1.27	0.205	-.0422579	.1969078
34	1		.0541078	.0618089	0.88	0.381	-.067039	.1752546
35	1		-.0175012	.0492966	-0.36	0.723	-.1141237	.0791212
36	1		-.0484323	.0410206	-1.18	0.238	-.1288335	.0319689
37	1		-.0030997	.0343824	-0.09	0.928	-.0704899	.0642905
38	1		-.0347881	.0332301	-1.05	0.295	-.0999197	.0303436
39	1		-.0362273	.0316255	-1.15	0.252	-.098214	.0257594
40	1		-.0138978	.0342883	-0.41	0.685	-.0811036	.053308
41	1		.0597315	.037952	1.57	0.116	-.0146552	.1341183
42	1		-.005915	.035015	-0.17	0.866	-.0745451	.0627151
43	1		-.0340039	.0329078	-1.03	0.301	-.098504	.0304962
44	1		-.0021898	.0413239	-0.05	0.958	-.0831855	.078806
45	1		-.0896302	.0353356	-2.54	0.011	-.1588887	-.0203717
46	1		-.0138329	.0363457	-0.38	0.704	-.0850714	.0574056
47	1		.0273797	.0389576	0.70	0.482	-.048978	.1037375
48	1		-.0370074	.0405348	-0.91	0.361	-.1164566	.0424418
49	1		.0005717	.0467277	0.01	0.990	-.0910157	.0921591
50	1		-.0188207	.0491325	-0.38	0.702	-.1151213	.07748
51	1		-.046507	.0424588	-1.10	0.273	-.1297272	.0367132
52	1		-.0235832	.0427933	-0.55	0.582	-.1074591	.0602926
53	1		.0171268	.0457955	0.37	0.708	-.0726334	.1068869
54	1		-.0435957	.0430739	-1.01	0.311	-.1280214	.0408301
55	1		.135999	.0581352	2.34	0.019	.0220527	.2499453
56	1		.0717646	.0581165	1.23	0.217	-.0421451	.1856742
57	1		-.0329177	.0503142	-0.65	0.513	-.1315346	.0656991
58	1		.1794887	.067506	2.66	0.008	.0471754	.311802
59	1		.0129427	.060508	0.21	0.831	-.1056543	.1315397
60	1		.1363455	.0797208	1.71	0.087	-.0199089	.2926
61	1		.0559737	.0730237	0.77	0.443	-.0871543	.1991016
62	1		-.1117992	.0477024	-2.34	0.019	-.205297	-.0183014
63	1		-.0707987	.0461693	-1.53	0.125	-.1612915	.0196941
64	1		-.0754129	.051027	-1.48	0.139	-.1754269	.024601
65	1		.0909852	.0670949	1.36	0.175	-.0405223	.2224926
66	1		.0983755	.0714442	1.38	0.169	-.0416567	.2384077
67	1		.0460981	.0625097	0.74	0.461	-.0764222	.1686185
68	1		.041181	.063545	0.65	0.517	-.0833687	.1657306
69	1		.1043433	.0749697	1.39	0.164	-.0425989	.2512855
70	1		.0837061	.0833379	1.00	0.315	-.0796379	.2470501
71	1		-.0173238	.0619673	-0.28	0.780	-.1387811	.1041335
72	1		.2082391	.0780055	2.67	0.008	.0553465	.3611317
73	1		.0525872	.076675	0.69	0.493	-.0976974	.2028717
74	1		.0622901	.0765598	0.81	0.416	-.0877687	.2123489
75	1		-.0067711	.0760444	-0.09	0.929	-.1558197	.1422776

76 1		.0747968	.0882757	0.85	0.397	-.0982255	.2478192
77 1		.0034901	.0735378	0.05	0.962	-.1406456	.1476258
78 1		.006527	.0910317	0.07	0.943	-.1718971	.1849511
79 1		-.1129764	.084491	-1.34	0.181	-.2785806	.0526278
80 1		-.0618313	.0876572	-0.71	0.481	-.2336412	.1099786
_cons		.1763858	.024978	7.06	0.000	.1274284	.2253432

. svy:regress U_to_E i.tim i.tim#nc
(running regress on estimation sample)

Survey: Linear regression

Number of strata	=	1	Number of obs	=	41,114
Number of PSUs	=	41,114	Population size	=	120,315,172
			Design df	=	41,113
			F(159, 40955)	=	4.75
			Prob > F	=	0.0000
			R-squared	=	0.0206

U_to_E		Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
tim							
2		.0106617	.0449585	0.24	0.813	-.0774579	.0987813
3		.0557429	.0462044	1.21	0.228	-.0348188	.1463046
4		-.0733501	.0427783	-1.71	0.086	-.1571966	.0104964
5		-.0214179	.0425926	-0.50	0.615	-.1049003	.0620646
6		-.0007437	.0430759	-0.02	0.986	-.0851733	.0836859
7		-.0006371	.0404547	-0.02	0.987	-.0799292	.0786551
8		-.0989823	.0378067	-2.62	0.009	-.1730842	-.0248803
9		-.0750803	.0383731	-1.96	0.050	-.1502924	.0001318
10		-.1065204	.0370976	-2.87	0.004	-.1792325	-.0338083
11		-.0585348	.0382187	-1.53	0.126	-.1334443	.0163747
12		-.1148243	.0378414	-3.03	0.002	-.1889942	-.0406544
13		-.1028482	.0385627	-2.67	0.008	-.1784319	-.0272645
14		-.0772043	.0390493	-1.98	0.048	-.1537417	-.0006669
15		-.055717	.0391004	-1.42	0.154	-.1323547	.0209206
16		-.0894194	.0392167	-2.28	0.023	-.1662851	-.0125538
17		-.0691392	.0387889	-1.78	0.075	-.1451662	.0068878
18		-.0772236	.0391089	-1.97	0.048	-.1538779	-.0005693
19		-.0717354	.0389057	-1.84	0.065	-.1479913	.0045206
20		-.0865115	.0384749	-2.25	0.025	-.1619231	-.0111
21		-.0399538	.0405116	-0.99	0.324	-.1193574	.0394497
22		-.0584753	.0402711	-1.45	0.146	-.1374075	.0204569
23		-.0512485	.0395582	-1.30	0.195	-.1287835	.0262865
24		-.0772143	.0389953	-1.98	0.048	-.153646	-.0007826
25		-.048421	.0400248	-1.21	0.226	-.1268704	.0300284
26		-.0576943	.0405741	-1.42	0.155	-.1372204	.0218318
27		.004269	.0400483	0.11	0.915	-.0742266	.0827647
28		-.0338194	.0408926	-0.83	0.408	-.1139697	.0463309
29		-.0078195	.0405354	-0.19	0.847	-.0872698	.0716308
30		-.0502277	.0407442	-1.23	0.218	-.1300872	.0296319
31		-.0487563	.0401302	-1.21	0.224	-.1274124	.0298998
32		-.0956769	.0387085	-2.47	0.013	-.1715463	-.0198074
33		-.0297748	.040244	-0.74	0.459	-.1086539	.0491042
34		-.0910583	.0384631	-2.37	0.018	-.1664468	-.0156699
35		-.1133876	.0367756	-3.08	0.002	-.1854685	-.0413067
36		-.1744039	.0348102	-5.01	0.000	-.2426327	-.1061752
37		-.1461139	.03418	-4.27	0.000	-.2131074	-.0791204
38		-.1612466	.0338516	-4.76	0.000	-.2275966	-.0948966

39		-.1738282	.0334054	-5.20	0.000	-.2393034	-.1083529	
40		-.2082985	.0329101	-6.33	0.000	-.2728031	-.143794	
41		-.1606165	.0330933	-4.85	0.000	-.2254801	-.0957529	
42		-.1799433	.0336295	-5.35	0.000	-.2458578	-.1140288	
43		-.1671624	.0337721	-4.95	0.000	-.2333564	-.1009684	
44		-.1883455	.0334037	-5.64	0.000	-.2538174	-.1228737	
45		-.1707948	.033439	-5.11	0.000	-.2363359	-.1052536	
46		-.1746967	.0337435	-5.18	0.000	-.2408347	-.1085587	
47		-.1762688	.033837	-5.21	0.000	-.2425902	-.1099475	
48		-.1760062	.033986	-5.18	0.000	-.2426194	-.1093929	
49		-.1522157	.0342665	-4.44	0.000	-.2193789	-.0850525	
50		-.1655713	.034783	-4.76	0.000	-.2337468	-.0973958	
51		-.13717	.0348714	-3.93	0.000	-.2055186	-.0688214	
52		-.1544449	.0350813	-4.40	0.000	-.223205	-.0856848	
53		-.141063	.0349233	-4.04	0.000	-.2095134	-.0726127	
54		-.1799032	.0345408	-5.21	0.000	-.2476038	-.1122025	
55		-.1364534	.0354834	-3.85	0.000	-.2060017	-.0669051	
56		-.1489268	.0355428	-4.19	0.000	-.2185915	-.0792621	
57		-.1134696	.0361231	-3.14	0.002	-.1842718	-.0426675	
58		-.1636412	.0358329	-4.57	0.000	-.2338744	-.093408	
59		-.1020127	.0364438	-2.80	0.005	-.1734433	-.030582	
60		-.1094694	.0367991	-2.97	0.003	-.1815964	-.0373424	
61		-.1159635	.0366297	-3.17	0.002	-.1877585	-.0441685	
62		-.1326465	.0367098	-3.61	0.000	-.2045986	-.0606944	
63		-.0780627	.0386655	-2.02	0.044	-.1538479	-.0022775	
64		-.1116579	.0381426	-2.93	0.003	-.1864182	-.0368977	
65		-.1212516	.0370114	-3.28	0.001	-.1937946	-.0487085	
66		-.1022503	.0398237	-2.57	0.010	-.1803056	-.024195	
67		-.0480777	.0390664	-1.23	0.218	-.1246487	.0284933	
68		-.106567	.0376956	-2.83	0.005	-.1804511	-.0326829	
69		-.0660371	.0394017	-1.68	0.094	-.1432652	.0111911	
70		-.0771143	.0410145	-1.88	0.060	-.1575037	.003275	
71		-.0478426	.0408367	-1.17	0.241	-.1278835	.0321983	
72		-.0833285	.0412324	-2.02	0.043	-.164145	-.002512	
73		-.0749704	.0402215	-1.86	0.062	-.1538054	.0038646	
74		-.1460562	.0404183	-3.61	0.000	-.2252769	-.0668355	
75		-.0048413	.044056	-0.11	0.912	-.0911919	.0815093	
76		-.0636459	.0430912	-1.48	0.140	-.1481056	.0208137	
77		-.0663011	.0423337	-1.57	0.117	-.1492761	.016674	
78		-.1140793	.0423244	-2.70	0.007	-.197036	-.0311226	
79		-.1290233	.0421069	-3.06	0.002	-.2115538	-.0464928	
80		-.0810777	.0498813	-1.63	0.104	-.1788461	.0166907	
tim#nc								
1	1		.255642	.0822296	3.11	0.002	.0944702	.4168138
2	1		-.1070435	.0845354	-1.27	0.205	-.2727348	.0586478
3	1		.002236	.0842334	0.03	0.979	-.1628632	.1673353
4	1		.0826151	.0786261	1.05	0.293	-.0714937	.2367239
5	1		-.0793911	.0623904	-1.27	0.203	-.2016777	.0428955
6	1		.0402628	.0712272	0.57	0.572	-.099344	.1798696
7	1		-.1458858	.059536	-2.45	0.014	-.2625776	-.0291939
8	1		.0319865	.0546016	0.59	0.558	-.0750339	.139007
9	1		-.0003065	.0517786	-0.01	0.995	-.1017936	.1011806
10	1		.02451	.0537604	0.46	0.648	-.0808616	.1298817
11	1		-.0051312	.0574554	-0.09	0.929	-.117745	.1074825
12	1		-.035472	.0506291	-0.70	0.484	-.1347061	.0637621
13	1		-.0742377	.044782	-1.66	0.097	-.1620114	.0135359
14	1		.001314	.0586124	0.02	0.982	-.1135675	.1161956
15	1		-.0653871	.0570595	-1.15	0.252	-.177225	.0464508
16	1		.0192243	.057449	0.33	0.738	-.0933769	.1318255
17	1		-.0664941	.0542788	-1.23	0.221	-.1728817	.0398935
18	1		.008075	.0781714	0.10	0.918	-.1451426	.1612926
19	1		.0578521	.0658498	0.88	0.380	-.0712149	.1869192

20	1	-.0168036	.0607075	-0.28	0.782	-.1357916	.1021843
21	1	.0218886	.0678627	0.32	0.747	-.1111239	.154901
22	1	-.0846189	.0596498	-1.42	0.156	-.2015339	.032296
23	1	-.0442158	.0683427	-0.65	0.518	-.178169	.0897374
24	1	-.0314808	.0651132	-0.48	0.629	-.1591041	.0961426
25	1	.0023631	.0703445	0.03	0.973	-.1355137	.1402399
26	1	.0752127	.0751219	1.00	0.317	-.0720279	.2224532
27	1	-.0186406	.0695462	-0.27	0.789	-.1549527	.1176716
28	1	-.1010206	.0651987	-1.55	0.121	-.2288115	.0267702
29	1	.0419536	.0841636	0.50	0.618	-.1230089	.2069161
30	1	-.0916751	.0626393	-1.46	0.143	-.2144494	.0310992
31	1	-.0095937	.072763	-0.13	0.895	-.1522108	.1330234
32	1	.0826922	.0743674	1.11	0.266	-.0630694	.2284539
33	1	-.0045411	.0649839	-0.07	0.944	-.1319109	.1228287
34	1	-.1151826	.0494484	-2.33	0.020	-.2121025	-.0182627
35	1	.0295396	.0536346	0.55	0.582	-.0755855	.1346646
36	1	-.0016077	.0415375	-0.04	0.969	-.083022	.0798066
37	1	.0193983	.0406477	0.48	0.633	-.060272	.0990687
38	1	.004574	.0409138	0.11	0.911	-.0756179	.0847659
39	1	-.0135715	.0327546	-0.41	0.679	-.0777713	.0506283
40	1	.0410444	.0373043	1.10	0.271	-.0320729	.1141616
41	1	.022672	.0368121	0.62	0.538	-.0494806	.0948245
42	1	.0015757	.0368924	0.04	0.966	-.0707343	.0738856
43	1	.0042815	.0357968	0.12	0.905	-.065881	.074444
44	1	-.0736039	.0284661	-2.59	0.010	-.129398	-.0178098
45	1	.0992462	.0485266	2.05	0.041	.004133	.1943594
46	1	-.0130077	.0345296	-0.38	0.706	-.0806864	.054671
47	1	.0544693	.0403946	1.35	0.178	-.024705	.1336435
48	1	.0410403	.0443024	0.93	0.354	-.0457934	.1278739
49	1	-.0497717	.0390972	-1.27	0.203	-.126403	.0268597
50	1	-.0185734	.0423992	-0.44	0.661	-.1016767	.06453
51	1	-.0135485	.0501482	-0.27	0.787	-.1118402	.0847431
52	1	-.0706166	.0357978	-1.97	0.049	-.1407811	-.0004521
53	1	.0534682	.0467105	1.14	0.252	-.0380854	.1450219
54	1	.0068463	.042252	0.16	0.871	-.0759685	.0896611
55	1	-.0331749	.0437572	-0.76	0.448	-.11894	.0525902
56	1	.0331363	.0501538	0.66	0.509	-.0651662	.1314389
57	1	.0512413	.0572743	0.89	0.371	-.0610175	.1635001
58	1	-.0496982	.0432682	-1.15	0.251	-.1345048	.0351083
59	1	-.0167797	.0566093	-0.30	0.767	-.1277353	.0941758
60	1	-.0679702	.0580527	-1.17	0.242	-.1817547	.0458143
61	1	.0090476	.0636902	0.14	0.887	-.1157866	.1338818
62	1	.0911196	.0623608	1.46	0.144	-.0311091	.2133482
63	1	-.0023232	.0575329	-0.04	0.968	-.1150888	.1104424
64	1	.0581024	.0606044	0.96	0.338	-.0606837	.1768884
65	1	-.0255039	.0562223	-0.45	0.650	-.1357007	.084693
66	1	-.0294533	.0604031	-0.49	0.626	-.1478446	.0889381
67	1	.0349224	.0672543	0.52	0.604	-.0968976	.1667423
68	1	-.0550224	.056125	-0.98	0.327	-.1650286	.0549838
69	1	-.0993302	.0630632	-1.58	0.115	-.2229356	.0242751
70	1	.0662085	.0837395	0.79	0.429	-.0979228	.2303398
71	1	-.0467547	.0660341	-0.71	0.479	-.1761829	.0826735
72	1	-.1137066	.0547233	-2.08	0.038	-.2209653	-.0064478
73	1	-.0199269	.0745413	-0.27	0.789	-.1660294	.1261755
74	1	-.0307076	.06341	-0.48	0.628	-.1549926	.0935773
75	1	-.1067146	.0761824	-1.40	0.161	-.2560338	.0426046
76	1	-.1031161	.0689792	-1.49	0.135	-.2383167	.0320846
77	1	-.0185097	.077675	-0.24	0.812	-.1707544	.1337349
78	1	.0116285	.0886895	0.13	0.896	-.1622048	.1854617
79	1	-.0088722	.0779956	-0.11	0.909	-.1617453	.1440009
80	1	.2145294	.1144278	1.87	0.061	-.0097516	.4388104
_cons		.3292118	.0306884	10.73	0.000	.2690619	.3893616

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. svy:regress U_to_U i.tim i.tim#nc
(running regress on estimation sample)

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Survey: Linear regression

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Number of strata   =          1
Number of PSUs    =    41,114
Number of obs     =    41,114
Population size   = 120,315,172
Design df        =    41,113
F( 159, 40955)   =          6.23
Prob > F         =    0.0000
R-squared        =    0.0255

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U_to_U	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
tim						
2	-.0328761	.047052	-0.70	0.485	-.125099	.0593468
3	-.031647	.0479164	-0.66	0.509	-.1255642	.0622702
4	.0215942	.0468459	0.46	0.645	-.0702248	.1134131
5	-.0421263	.0454309	-0.93	0.354	-.1311717	.0469192
6	-.0192816	.0453832	-0.42	0.671	-.1082337	.0696705
7	-.016095	.0427231	-0.38	0.706	-.0998332	.0676433
8	.1038271	.0411907	2.52	0.012	.0230923	.1845618
9	.0887479	.0414736	2.14	0.032	.0074587	.1700371
10	.075193	.0413216	1.82	0.069	-.0057982	.1561843
11	.0581842	.0414681	1.40	0.161	-.0230941	.1394626
12	.0960282	.042395	2.27	0.024	.012933	.1791234
13	.0675266	.0421669	1.60	0.109	-.0151214	.1501746
14	.1145175	.0421432	2.72	0.007	.031916	.197119
15	.0409682	.0421909	0.97	0.332	-.0417268	.1236632
16	.0293902	.0428038	0.69	0.492	-.0545061	.1132865
17	.0607228	.0420897	1.44	0.149	-.021774	.1432196
18	.0400725	.0426854	0.94	0.348	-.0435917	.1237368
19	.0239322	.0424177	0.56	0.573	-.0592075	.1070719
20	.0533708	.042148	1.27	0.205	-.0292401	.1359818
21	.0224423	.0429206	0.52	0.601	-.061683	.1065675
22	-.0169021	.0438789	-0.39	0.700	-.1029058	.0691016
23	-.0107797	.0428213	-0.25	0.801	-.0947104	.073151
24	-.0183015	.0422699	-0.43	0.665	-.1011513	.0645484
25	-.0126765	.0431323	-0.29	0.769	-.0972167	.0718637
26	-.0200998	.0440281	-0.46	0.648	-.1063959	.0661962
27	-.1124903	.0418175	-2.69	0.007	-.1944535	-.0305272
28	.0105748	.0439353	0.24	0.810	-.0755394	.096689
29	-.0114614	.0431334	-0.27	0.790	-.0960039	.0730811
30	.0058694	.0441362	0.13	0.894	-.0806386	.0923774
31	-.0123178	.0433413	-0.28	0.776	-.0972676	.072632
32	.0482753	.042876	1.13	0.260	-.0357626	.1323131
33	.0396786	.0429798	0.92	0.356	-.0445629	.12392
34	.0835478	.0420966	1.98	0.047	.0010375	.1660581
35	.102208	.0405543	2.52	0.012	.0227208	.1816953
36	.1594104	.0389304	4.09	0.000	.083106	.2357147
37	.1877455	.0370946	5.06	0.000	.1150392	.2604518
38	.1967561	.0369622	5.32	0.000	.1243094	.2692028
39	.1838514	.0367343	5.00	0.000	.1118515	.2558514
40	.2322184	.0362539	6.41	0.000	.1611599	.3032768
41	.1831253	.0359441	5.09	0.000	.112674	.2535766
42	.212114	.0368298	5.76	0.000	.1399269	.2843012
43	.1688467	.0370805	4.55	0.000	.0961681	.2415254
44	.1936329	.0367935	5.26	0.000	.1215167	.265749
45	.1517202	.0368352	4.12	0.000	.0795225	.2239179

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46		.172343	.0371815	4.64	0.000	.0994664	.2452195
47		.1883816	.0370829	5.08	0.000	.1156983	.2610649
48		.1624991	.0378061	4.30	0.000	.0883984	.2365998
49		.098972	.0379424	2.61	0.009	.0246041	.17334
50		.1197875	.0388755	3.08	0.002	.0435908	.1959842
51		.1294852	.0383041	3.38	0.001	.0544083	.2045621
52		.1285043	.0389393	3.30	0.001	.0521825	.2048261
53		.1026108	.0386733	2.65	0.008	.0268104	.1784112
54		.1557079	.0389562	4.00	0.000	.079353	.2320629
55		.1180354	.0394048	3.00	0.003	.0408012	.1952696
56		.0932503	.039761	2.35	0.019	.0153179	.1711827
57		.0666276	.0396084	1.68	0.093	-.0110058	.1442611
58		.1291133	.040688	3.17	0.002	.049364	.2088626
59		.0598001	.0398644	1.50	0.134	-.0183349	.1379351
60		.0481071	.0405532	1.19	0.236	-.031378	.1275922
61		.03433	.0404887	0.85	0.397	-.0450287	.1136887
62		.0682693	.0411464	1.66	0.097	-.0123787	.1489172
63		.0445544	.0421406	1.06	0.290	-.0380421	.1271508
64		.0493626	.0422078	1.17	0.242	-.0333656	.1320908
65		.0551333	.0414109	1.33	0.183	-.026033	.1362996
66		.0575027	.0438513	1.31	0.190	-.0284468	.1434522
67		.0312837	.0419727	0.75	0.456	-.0509837	.1135512
68		.0719335	.0416963	1.73	0.085	-.0097922	.1536592
69		.0279317	.0425231	0.66	0.511	-.0554146	.1112779
70		.0331342	.0448429	0.74	0.460	-.0547589	.1210273
71		-.0173823	.0444159	-0.39	0.696	-.1044383	.0696737
72		.0634705	.0448195	1.42	0.157	-.0243766	.1513177
73		-.0094693	.0439969	-0.22	0.830	-.0957041	.0767656
74		.0873678	.0462722	1.89	0.059	-.0033267	.1780624
75		-.0520632	.0461468	-1.13	0.259	-.142512	.0383856
76		-.0099879	.046488	-0.21	0.830	-.1011054	.0811296
77		.0132226	.046348	0.29	0.775	-.0776205	.1040658
78		.0405404	.0485483	0.84	0.404	-.0546153	.135696
79		.0262838	.0494587	0.53	0.595	-.0706564	.123224
80		.0117251	.0574724	0.20	0.838	-.100922	.1243722
tim#nc							
1	1	-.2054733	.0763775	-2.69	0.007	-.3551749	-.0557717
2	1	.0213143	.0972834	0.22	0.827	-.1693633	.2119919
3	1	-.0538071	.0851696	-0.63	0.528	-.2207413	.1131271
4	1	.0067632	.0843336	0.08	0.936	-.1585324	.1720589
5	1	.0854946	.0738202	1.16	0.247	-.0591945	.2301837
6	1	.0161949	.0739447	0.22	0.827	-.1287384	.1611281
7	1	.157841	.073791	2.14	0.032	.0132089	.302473
8	1	-.0224332	.061259	-0.37	0.714	-.1425022	.0976358
9	1	-.0041118	.0587971	-0.07	0.944	-.1193553	.1111317
10	1	.047884	.061091	0.78	0.433	-.0718556	.1676237
11	1	-.0116156	.0633008	-0.18	0.854	-.1356866	.1124553
12	1	.0418805	.063931	0.66	0.512	-.0834257	.1671866
13	1	.0767348	.0589337	1.30	0.193	-.0387766	.1922461
14	1	-.0535633	.0675045	-0.79	0.428	-.1858735	.0787469
15	1	.1541277	.0640742	2.41	0.016	.028541	.2797145
16	1	.0417541	.0650662	0.64	0.521	-.085777	.1692852
17	1	-.0202239	.0672444	-0.30	0.764	-.1520243	.1115766
18	1	.0835668	.0823294	1.02	0.310	-.0778007	.2449343
19	1	-.0219622	.0711193	-0.31	0.757	-.1613575	.1174331
20	1	.0247432	.0715798	0.35	0.730	-.1155548	.1650411
21	1	.0073558	.0740068	0.10	0.921	-.1376991	.1524107
22	1	.1135999	.0740569	1.53	0.125	-.0315532	.258753
23	1	.0274191	.0787295	0.35	0.728	-.1268925	.1817307
24	1	.1023889	.0782117	1.31	0.190	-.0509078	.2556856
25	1	.0057066	.0775609	0.07	0.941	-.1463145	.1577277
26	1	.0410888	.0802268	0.51	0.609	-.1161574	.1983349

27	1		.1623799	.0746519	2.18	0.030	.0160605	.3086993
28	1		-.0406231	.0816718	-0.50	0.619	-.2007017	.1194555
29	1		.0748069	.0863183	0.87	0.386	-.0943789	.2439927
30	1		.2041501	.0730093	2.80	0.005	.0610504	.3472499
31	1		.0767794	.0818577	0.94	0.348	-.0836634	.2372222
32	1		.0039505	.080608	0.05	0.961	-.1540429	.161944
33	1		-.070782	.0711787	-0.99	0.320	-.2102938	.0687298
34	1		.0665828	.0698948	0.95	0.341	-.0704125	.203578
35	1		-.0120383	.062599	-0.19	0.848	-.1347337	.110657
36	1		.05004	.0529617	0.94	0.345	-.053766	.1538461
37	1		-.0162986	.0477349	-0.34	0.733	-.10986	.0772627
38	1		.0309545	.0483869	0.64	0.522	-.0638848	.1257939
39	1		.0497988	.0419147	1.19	0.235	-.0323549	.1319525
40	1		-.0271466	.0461335	-0.59	0.556	-.1175693	.0632762
41	1		-.0812926	.0458058	-1.77	0.076	-.1710731	.0084878
42	1		.0043393	.0463071	0.09	0.925	-.0864236	.0951022
43	1		.0297224	.0440694	0.67	0.500	-.0566546	.1160994
44	1		.0757937	.0471643	1.61	0.108	-.0166494	.1682367
45	1		-.009616	.0539029	-0.18	0.858	-.1152669	.0960348
46	1		.0268406	.0454026	0.59	0.554	-.0621496	.1158308
47	1		-.081849	.0487907	-1.68	0.093	-.1774797	.0137818
48	1		.000143	.0535892	0.00	0.998	-.104893	.1051789
49	1		.0492	.0539026	0.91	0.361	-.0564503	.1548502
50	1		.0373941	.0576037	0.65	0.516	-.0755105	.1502986
51	1		.0600555	.0592319	1.01	0.311	-.0560402	.1761513
52	1		.0941998	.0505749	1.86	0.063	-.004928	.1933277
53	1		-.070595	.0548527	-1.29	0.198	-.1781075	.0369175
54	1		.0367493	.0542272	0.68	0.498	-.0695371	.1430357
55	1		-.1028241	.0616704	-1.67	0.095	-.2236995	.0180513
56	1		-.1049009	.0634038	-1.65	0.098	-.2291736	.0193718
57	1		-.016435	.0652173	-0.25	0.801	-.1442623	.1113923
58	1		-.1297905	.0698286	-1.86	0.063	-.2666561	.0070751
59	1		.003837	.0702471	0.05	0.956	-.1338487	.1415228
60	1		-.0683753	.0819453	-0.83	0.404	-.2289899	.0922392
61	1		-.0650213	.0789039	-0.82	0.410	-.2196746	.089632
62	1		.0206796	.0699055	0.30	0.767	-.1163366	.1576959
63	1		.0749769	.064727	1.16	0.247	-.0518894	.2018433
64	1		.0173106	.0683371	0.25	0.800	-.1166317	.1512528
65	1		-.0654813	.0728866	-0.90	0.369	-.2083406	.077378
66	1		-.0689222	.0786794	-0.88	0.381	-.2231356	.0852911
67	1		-.0810205	.0732264	-1.11	0.269	-.2245457	.0625048
68	1		.0138414	.0733576	0.19	0.850	-.129941	.1576238
69	1		-.0050131	.0814775	-0.06	0.951	-.1647107	.1546846
70	1		-.1499146	.0875869	-1.71	0.087	-.3215867	.0217575
71	1		.0640785	.0754048	0.85	0.395	-.0837165	.2118735
72	1		-.0945325	.0809881	-1.17	0.243	-.2532709	.0642058
73	1		-.0290679	.0855455	-0.34	0.734	-.1967389	.1386031
74	1		-.0315825	.0854454	-0.37	0.712	-.1990572	.1358923
75	1		.1184482	.091007	1.30	0.193	-.0599274	.2968239
76	1		.0283192	.0948229	0.30	0.765	-.1575357	.2141741
77	1		.0150196	.0881597	0.17	0.865	-.1577754	.1878146
78	1		-.0181554	.106393	-0.17	0.865	-.226688	.1903771
79	1		.1218486	.1010179	1.21	0.228	-.0761486	.3198458
80	1		-.1526981	.1129979	-1.35	0.177	-.3741765	.0687803
_cons			.4944024	.0323956	15.26	0.000	.4309064	.5578985

```

. /*      NILF      */
.
. use cps_ipums_south, clear

```



```
. keep if nilf0==1
(866,897 observations deleted)
```

```
. generate N_to_U = unempl==1
. generate N_to_E = empl==1
. generate N_to_N = nilf1 == 1
```

```
. sort serial
. xtset serial
      panel variable:  serial (unbalanced)
```

```
. xtreg N_to_N i.tim i.tim#nc
```

```
Random-effects GLS regression           Number of obs   =   194,995
Group variable: serial                  Number of groups =    49,928
```

```
R-sq:                                     Obs per group:
      within = 0.0011                      min =           1
      between = 0.0015                     avg =          3.9
      overall = 0.0014                     max =          29
```

```
corr(u_i, X) = 0 (assumed)                Wald chi2(159) =   266.56
                                           Prob > chi2    =    0.0000
```

	N_to_N	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim						
2		-.0062733	.0104884	-0.60	0.550	-.0268302 .0142836
3		-.010617	.0102809	-1.03	0.302	-.0307673 .0095333
4		.0016661	.0104712	0.16	0.874	-.0188572 .0221893
5		-.0127206	.0105374	-1.21	0.227	-.0333736 .0079324
6		-.006486	.0102941	-0.63	0.529	-.0266621 .0136901
7		-.0234232	.009942	-2.36	0.018	-.0429093 -.0039372
8		.0051954	.0099413	0.52	0.601	-.0142892 .0246801
9		.0038211	.009998	0.38	0.702	-.0157747 .0234169
10		-.011569	.0099785	-1.16	0.246	-.0311266 .0079885
11		-.0067121	.0099828	-0.67	0.501	-.026278 .0128538
12		-.009076	.0099137	-0.92	0.360	-.0285065 .0103544
13		.0060526	.0099668	0.61	0.544	-.013482 .0255871
14		-.0072429	.0099422	-0.73	0.466	-.0267292 .0122434
15		-.0119662	.0099554	-1.20	0.229	-.0314784 .007546
16		.0016126	.0099719	0.16	0.872	-.017932 .0211571
17		.011321	.0099776	1.13	0.257	-.0082347 .0308768
18		-.0016899	.0099804	-0.17	0.866	-.0212511 .0178712
19		-.0158914	.009939	-1.60	0.110	-.0353715 .0035888
20		-.0102346	.0099465	-1.03	0.303	-.0297293 .0092602
21		-.0026742	.0099326	-0.27	0.788	-.0221416 .0167933
22		-.0030203	.0100403	-0.30	0.764	-.0226989 .0166584
23		-.0142204	.0099657	-1.43	0.154	-.0337528 .005312
24		-.0082187	.0099813	-0.82	0.410	-.0277816 .0113443
25		-.0080012	.0099547	-0.80	0.422	-.0275122 .0115097
26		-.0147349	.0100682	-1.46	0.143	-.0344682 .0049984
27		-.0414436	.009895	-4.19	0.000	-.0608374 -.0220498
28		-.0126256	.009992	-1.26	0.206	-.0322096 .0069583
29		-.0013984	.0100443	-0.14	0.889	-.0210848 .018288
30		.0033759	.0099882	0.34	0.735	-.0162005 .0229523
31		-.0194336	.0099297	-1.96	0.050	-.0388955 .0000284

32		.0065187	.0100965	0.65	0.519	-.0132702	.0263076	
33		-.0052841	.0100583	-0.53	0.599	-.0249981	.0144299	
34		-.0064637	.0100779	-0.64	0.521	-.0262161	.0132887	
35		-.0011918	.0100883	-0.12	0.906	-.0209646	.0185809	
36		-.0023805	.0100813	-0.24	0.813	-.0221396	.0173785	
37		-.0098298	.0099486	-0.99	0.323	-.0293286	.0096691	
38		-.0091504	.0099952	-0.92	0.360	-.0287407	.0104399	
39		-.0189152	.0099318	-1.90	0.057	-.0383813	.0005508	
40		-.0277272	.0098397	-2.82	0.005	-.0470126	-.0084418	
41		-.0074934	.0098547	-0.76	0.447	-.0268083	.0118214	
42		-.0082332	.009927	-0.83	0.407	-.0276897	.0112233	
43		-.027097	.0099725	-2.72	0.007	-.0466428	-.0075512	
44		-.0134304	.0100493	-1.34	0.181	-.0331266	.0062658	
45		-.018451	.009875	-1.87	0.062	-.0378056	.0009037	
46		-.0092255	.0099493	-0.93	0.354	-.0287258	.0102748	
47		-.0090727	.0100622	-0.90	0.367	-.0287942	.0106489	
48		-.0066472	.0100146	-0.66	0.507	-.0262754	.0129811	
49		-.0088189	.0099219	-0.89	0.374	-.0282655	.0106277	
50		-.0228933	.0100578	-2.28	0.023	-.0426062	-.0031805	
51		-.017752	.0100737	-1.76	0.078	-.0374962	.0019921	
52		-.0096842	.0099114	-0.98	0.329	-.0291102	.0097418	
53		-.0043017	.009923	-0.43	0.665	-.0237504	.0151469	
54		-.0148423	.0099717	-1.49	0.137	-.0343865	.0047019	
55		-.0057015	.0099312	-0.57	0.566	-.0251663	.0137633	
56		-.0020878	.0098499	-0.21	0.832	-.0213932	.0172175	
57		-.0050095	.0099462	-0.50	0.614	-.0245037	.0144846	
58		.0010905	.0098624	0.11	0.912	-.0182395	.0204205	
59		-.0079147	.009707	-0.82	0.415	-.0269401	.0111108	
60		-.0009418	.0096511	-0.10	0.922	-.0198575	.017974	
61		.0066016	.0097439	0.68	0.498	-.0124961	.0256992	
62		.0009588	.0097554	0.10	0.922	-.0181614	.0200791	
63		-.0112406	.0096412	-1.17	0.244	-.030137	.0076558	
64		-.001228	.0096423	-0.13	0.899	-.0201265	.0176705	
65		.0052822	.0095893	0.55	0.582	-.0135125	.024077	
66		.0128291	.0097742	1.31	0.189	-.006328	.0319861	
67		-.0145005	.0097418	-1.49	0.137	-.0335941	.0045932	
68		-.0148386	.0096562	-1.54	0.124	-.0337645	.0040872	
69		.0049789	.0096221	0.52	0.605	-.0138801	.023838	
70		-.0012901	.0098325	-0.13	0.896	-.0205615	.0179812	
71		-.0039011	.0097934	-0.40	0.690	-.0230959	.0152937	
72		.0032622	.0097361	0.34	0.738	-.0158202	.0223446	
73		.0071168	.0098399	0.72	0.470	-.0121691	.0264027	
74		.0047513	.0098915	0.48	0.631	-.0146358	.0241383	
75		.0090829	.0099472	0.91	0.361	-.0104133	.028579	
76		.0065759	.009953	0.66	0.509	-.0129317	.0260835	
77		.0120081	.0100596	1.19	0.233	-.0077083	.0317245	
78		-.0009563	.0101578	-0.09	0.925	-.0208653	.0189527	
79		-.0067376	.0100827	-0.67	0.504	-.0264994	.0130242	
80		-.0028229	.0111418	-0.25	0.800	-.0246605	.0190146	
tim#nc								
1	1		-.0067487	.0191636	-0.35	0.725	-.0443086	.0308113
2	1		-.0134179	.0196009	-0.68	0.494	-.051835	.0249991
3	1		.0200432	.0190594	1.05	0.293	-.0173125	.0573989
4	1		.0095452	.0197111	0.48	0.628	-.0290879	.0481784
5	1		.0152185	.0201293	0.76	0.450	-.0242342	.0546713
6	1		-.0028147	.0200931	-0.14	0.889	-.0421964	.0365671
7	1		.0028462	.0180692	0.16	0.875	-.0325689	.0382613
8	1		-.0337574	.0196846	-1.71	0.086	-.0723386	.0048237
9	1		-.0378664	.0193752	-1.95	0.051	-.0758411	.0001083
10	1		-.0073768	.0182898	-0.40	0.687	-.0432242	.0284705
11	1		-.0083509	.0176428	-0.47	0.636	-.0429302	.0262284
12	1		-.010905	.0190326	-0.57	0.567	-.0482082	.0263982

13	1		-.0426333	.0186108	-2.29	0.022	-.0791098	-.0061569
14	1		-.006643	.0175758	-0.38	0.705	-.0410909	.0278049
15	1		.0249154	.0180049	1.38	0.166	-.0103736	.0602044
16	1		-.0141409	.0196439	-0.72	0.472	-.0526423	.0243604
17	1		-.0017417	.0186549	-0.09	0.926	-.0383045	.0348212
18	1		.0013413	.0181913	0.07	0.941	-.0343131	.0369956
19	1		.0415521	.0179489	2.32	0.021	.0063729	.0767312
20	1		.0238493	.0199429	1.20	0.232	-.0152381	.0629367
21	1		-.0140514	.0196166	-0.72	0.474	-.0524991	.0243964
22	1		.0030665	.0188992	0.16	0.871	-.0339752	.0401082
23	1		.0067559	.018905	0.36	0.721	-.0302972	.0438089
24	1		.0268999	.0194185	1.39	0.166	-.0111598	.0649595
25	1		.0038502	.0204129	0.19	0.850	-.0361583	.0438588
26	1		-.0446009	.0200717	-2.22	0.026	-.0839407	-.0052611
27	1		.0450855	.0198218	2.27	0.023	.0062355	.0839356
28	1		.0339718	.0195145	1.74	0.082	-.0042758	.0722195
29	1		-.0131303	.0204766	-0.64	0.521	-.0532638	.0270031
30	1		-.0475236	.0210544	-2.26	0.024	-.0887895	-.0062576
31	1		.0126793	.0193651	0.65	0.513	-.0252757	.0506342
32	1		.0048209	.0198032	0.24	0.808	-.0339926	.0436343
33	1		.0012167	.0199414	0.06	0.951	-.0378677	.040301
34	1		-.012895	.0190858	-0.68	0.499	-.0503024	.0245125
35	1		-.0205202	.0192654	-1.07	0.287	-.0582797	.0172392
36	1		.0009536	.0203393	0.05	0.963	-.0389107	.0408179
37	1		.0083943	.019851	0.42	0.672	-.030513	.0473016
38	1		-.0312409	.0194872	-1.60	0.109	-.0694351	.0069534
39	1		-.0165277	.0193617	-0.85	0.393	-.0544759	.0214205
40	1		.0123335	.0192333	0.64	0.521	-.0253631	.0500301
41	1		.0227884	.0193773	1.18	0.240	-.0151905	.0607672
42	1		-.0202026	.02011	-1.00	0.315	-.0596176	.0192124
43	1		.0233195	.0195079	1.20	0.232	-.0149153	.0615543
44	1		.0136561	.0191938	0.71	0.477	-.0239629	.0512752
45	1		.0086166	.0202309	0.43	0.670	-.0310353	.0482684
46	1		-.0052239	.0196987	-0.27	0.791	-.0438327	.0333849
47	1		-.0226107	.0197214	-1.15	0.252	-.0612638	.0160424
48	1		-.0293538	.0205574	-1.43	0.153	-.0696455	.010938
49	1		-.0044827	.019915	-0.23	0.822	-.0435154	.0345501
50	1		.0329826	.0192355	1.71	0.086	-.0047184	.0706835
51	1		-.0368643	.0202318	-1.82	0.068	-.0765178	.0027893
52	1		-.0000896	.0200752	-0.00	0.996	-.0394363	.0392571
53	1		-.0242197	.0188718	-1.28	0.199	-.0612078	.0127684
54	1		.0053243	.0193694	0.27	0.783	-.0326391	.0432877
55	1		-.0476568	.0205259	-2.32	0.020	-.0878868	-.0074268
56	1		.0015503	.0197546	0.08	0.937	-.037168	.0402685
57	1		-.0022556	.0196871	-0.11	0.909	-.0408416	.0363304
58	1		-.0199346	.0189233	-1.05	0.292	-.0570235	.0171543
59	1		-.0091705	.0187313	-0.49	0.624	-.0458832	.0275421
60	1		-.0303653	.0187371	-1.62	0.105	-.0670893	.0063588
61	1		-.0429827	.0191904	-2.24	0.025	-.0805952	-.0053702
62	1		-.0091833	.0181946	-0.50	0.614	-.044844	.0264775
63	1		-.0144439	.0172476	-0.84	0.402	-.0482486	.0193607
64	1		.0072911	.0181928	0.40	0.689	-.0283661	.0429484
65	1		-.0193952	.0191598	-1.01	0.311	-.0569477	.0181574
66	1		.0034145	.0184614	0.18	0.853	-.0327691	.0395982
67	1		-.0125959	.0186922	-0.67	0.500	-.049232	.0240402
68	1		-.0143756	.0182528	-0.79	0.431	-.0501505	.0213992
69	1		-.0100652	.0178185	-0.56	0.572	-.0449889	.0248585
70	1		-.0365347	.0182655	-2.00	0.045	-.0723344	-.000735
71	1		-.0262038	.0190687	-1.37	0.169	-.0635778	.0111701
72	1		-.0059832	.0187216	-0.32	0.749	-.0426769	.0307105
73	1		.0041584	.0192933	0.22	0.829	-.0336558	.0419725
74	1		.0028401	.0194328	0.15	0.884	-.0352476	.0409277
75	1		.0226699	.0200779	1.13	0.259	-.0166821	.0620218

35		.0049287	.0062913	0.78	0.433	-.007402	.0172593
36		.0151802	.0062885	2.41	0.016	.002855	.0275053
37		.0223859	.0062043	3.61	0.000	.0102257	.0345462
38		.0248273	.0062322	3.98	0.000	.0126123	.0370422
39		.0229405	.0061944	3.70	0.000	.0107997	.0350813
40		.0339589	.0061365	5.53	0.000	.0219316	.0459862
41		.0220121	.0061456	3.58	0.000	.0099669	.0340573
42		.0237414	.0061913	3.83	0.000	.0116066	.0358762
43		.0355866	.00622	5.72	0.000	.0233955	.0477776
44		.032447	.0062672	5.18	0.000	.0201634	.0447306
45		.0273805	.0061578	4.45	0.000	.0153114	.0394495
46		.0274439	.0062037	4.42	0.000	.0152849	.0396029
47		.0210922	.0062747	3.36	0.001	.008794	.0333904
48		.0224643	.0062453	3.60	0.000	.0102238	.0347047
49		.0176689	.0061877	2.86	0.004	.0055413	.0297965
50		.0282803	.006272	4.51	0.000	.0159874	.0405731
51		.0203732	.0062823	3.24	0.001	.0080602	.0326862
52		.0269577	.0061804	4.36	0.000	.0148444	.0390711
53		.01084	.0061883	1.75	0.080	-.0012888	.0229688
54		.0224269	.0062181	3.61	0.000	.0102396	.0346142
55		.0086711	.0061926	1.40	0.161	-.0034661	.0208083
56		.0152685	.0061422	2.49	0.013	.0032301	.027307
57		.0130511	.0062012	2.10	0.035	.000897	.0252052
58		.0212775	.0061497	3.46	0.001	.0092244	.0333306
59		.0177043	.0060524	2.93	0.003	.0058418	.0295668
60		.0128447	.0060175	2.13	0.033	.0010506	.0246388
61		.005158	.0060755	0.85	0.396	-.0067497	.0170658
62		.0074523	.0060828	1.23	0.221	-.0044699	.0193744
63		.0134327	.0060113	2.23	0.025	.0016507	.0252147
64		.0086973	.0060123	1.45	0.148	-.0030865	.0204812
65		.0034542	.0059789	0.58	0.563	-.0082643	.0151727
66		-.0011462	.0060945	-0.19	0.851	-.0130912	.0107989
67		.0147465	.0060745	2.43	0.015	.0028408	.0266522
68		.0073542	.0060209	1.22	0.222	-.0044465	.019155
69		.0059464	.0059991	0.99	0.322	-.0058117	.0177044
70		.0000502	.0061314	0.01	0.993	-.0119671	.0120675
71		.0046865	.006107	0.77	0.443	-.0072829	.0166559
72		-.0007986	.0060708	-0.13	0.895	-.0126972	.0111
73		.000572	.0061353	0.09	0.926	-.011453	.0125971
74		.0003685	.0061678	0.06	0.952	-.0117202	.0124572
75		-.0053706	.0062024	-0.87	0.387	-.0175271	.006786
76		.003496	.0062068	0.56	0.573	-.0086691	.0156611
77		-.00325	.0062734	-0.52	0.604	-.0155455	.0090455
78		.0018598	.0063349	0.29	0.769	-.0105564	.014276
79		-.0054697	.0062871	-0.87	0.384	-.0177922	.0068527
80		-.0065467	.0069487	-0.94	0.346	-.0201659	.0070725
tim#nc							
1 1		.0130742	.0119511	1.09	0.274	-.0103494	.0364979
2 1		-.0012824	.0122231	-0.10	0.916	-.0252392	.0226745
3 1		-.0104523	.0118846	-0.88	0.379	-.0337457	.0128411
4 1		-.0083074	.0122925	-0.68	0.499	-.0324003	.0157854
5 1		.0141022	.0125509	1.12	0.261	-.010497	.0387014
6 1		.0003269	.0125333	0.03	0.979	-.0242379	.0248917
7 1		.0160465	.0112715	1.42	0.155	-.0060452	.0381382
8 1		.0228196	.0122778	1.86	0.063	-.0012445	.0468837
9 1		.0224078	.0120805	1.85	0.064	-.0012696	.0460852
10 1		-.0017075	.0114052	-0.15	0.881	-.0240613	.0206463
11 1		.0073506	.0110008	0.67	0.504	-.0142106	.0289118
12 1		.0136004	.011868	1.15	0.252	-.0096606	.0368613
13 1		.0078464	.0116096	0.68	0.499	-.0149079	.0306008
14 1		-.0025806	.0109591	-0.24	0.814	-.0240601	.0188988
15 1		-.0106175	.0112315	-0.95	0.344	-.0326308	.0113959

16	1		.0027286	.0122468	0.22	0.824	-.0212748	.026732
17	1		.0040949	.0116299	0.35	0.725	-.0186992	.0268891
18	1		-.013319	.0113449	-1.17	0.240	-.0355545	.0089166
19	1		-.0095856	.0111967	-0.86	0.392	-.0315307	.0123596
20	1		.0064189	.012445	0.52	0.606	-.0179728	.0308106
21	1		-.0059418	.0122351	-0.49	0.627	-.0299222	.0180386
22	1		.0056052	.0117861	0.48	0.634	-.0174951	.0287056
23	1		-.0005825	.0117964	-0.05	0.961	-.0237031	.0225381
24	1		-.0146449	.0121134	-1.21	0.227	-.0383866	.0090969
25	1		-.0023415	.0127342	-0.18	0.854	-.0273001	.0226171
26	1		.0143555	.0125258	1.15	0.252	-.0101946	.0389055
27	1		-.0057131	.0123658	-0.46	0.644	-.0299497	.0185235
28	1		-.0003946	.0121744	-0.03	0.974	-.024256	.0234668
29	1		-.0058264	.0127609	-0.46	0.648	-.0308373	.0191845
30	1		.0247352	.0131296	1.88	0.060	-.0009985	.0504688
31	1		-.0058165	.0120778	-0.48	0.630	-.0294885	.0178556
32	1		.0037983	.0123473	0.31	0.758	-.0204019	.0279986
33	1		-.0008775	.0124375	-0.07	0.944	-.0252546	.0234995
34	1		.0161103	.0119034	1.35	0.176	-.0072198	.0394405
35	1		.0029768	.0120157	0.25	0.804	-.0205736	.0265273
36	1		.0130963	.0126827	1.03	0.302	-.0117614	.0379539
37	1		.0033847	.0123823	0.27	0.785	-.0208841	.0276535
38	1		.0239255	.0121553	1.97	0.049	.0001016	.0477494
39	1		-.0035714	.0120781	-0.30	0.767	-.0272441	.0201012
40	1		-.0044813	.0119915	-0.37	0.709	-.0279842	.0190216
41	1		-.0131004	.0120917	-1.08	0.279	-.0367997	.0105989
42	1		.0153469	.0125464	1.22	0.221	-.0092435	.0399374
43	1		-.0155446	.0121685	-1.28	0.201	-.0393945	.0083052
44	1		.0064657	.0119665	0.54	0.589	-.0169882	.0299196
45	1		.0048486	.0126184	0.38	0.701	-.0198831	.0295802
46	1		.0343854	.0122794	2.80	0.005	.0103182	.0584526
47	1		.0182689	.0122953	1.49	0.137	-.0058295	.0423673
48	1		.0114518	.0128211	0.89	0.372	-.0136771	.0365807
49	1		.0047012	.0124159	0.38	0.705	-.0196334	.0290359
50	1		-.0204966	.0119873	-1.71	0.087	-.0439912	.002998
51	1		.026786	.0126133	2.12	0.034	.0020643	.0515077
52	1		.0157502	.0125192	1.26	0.208	-.008787	.0402874
53	1		.0159725	.0117646	1.36	0.175	-.0070856	.0390306
54	1		-.0032231	.0120713	-0.27	0.789	-.0268823	.0204361
55	1		-.0113404	.0127955	-0.89	0.375	-.0364192	.0137384
56	1		.0026158	.0123098	0.21	0.832	-.0215109	.0267425
57	1		.0154449	.0122781	1.26	0.208	-.0086198	.0395096
58	1		.0060847	.0117971	0.52	0.606	-.0170372	.0292067
59	1		-.0179182	.0116762	-1.53	0.125	-.0408031	.0049667
60	1		.0106008	.0116757	0.91	0.364	-.012283	.0334847
61	1		.0031181	.0119604	0.26	0.794	-.0203238	.0265601
62	1		-.000029	.0113449	-0.00	0.998	-.0222646	.0222065
63	1		-.0181459	.0107461	-1.69	0.091	-.039208	.0029162
64	1		.002098	.0113388	0.19	0.853	-.0201256	.0243217
65	1		-.002044	.0119498	-0.17	0.864	-.0254651	.0213772
66	1		-.0000234	.0115118	-0.00	0.998	-.022586	.0225393
67	1		-.0051394	.0116529	-0.44	0.659	-.0279787	.0177
68	1		.0354275	.0113753	3.11	0.002	.0131324	.0577226
69	1		-.0028854	.0111019	-0.26	0.795	-.0246446	.0188738
70	1		.0074814	.0113866	0.66	0.511	-.014836	.0297989
71	1		.0029762	.0118833	0.25	0.802	-.0203147	.0262671
72	1		-.0061941	.0116683	-0.53	0.596	-.0290636	.0166755
73	1		-.0027205	.0120288	-0.23	0.821	-.0262966	.0208555
74	1		.0121403	.012103	1.00	0.316	-.0115811	.0358617
75	1		-.017828	.0125085	-1.43	0.154	-.0423441	.0066882
76	1		.001573	.012733	0.12	0.902	-.0233832	.0265292
77	1		.0131032	.0117922	1.11	0.266	-.0100091	.0362155
78	1		.0140494	.0126397	1.11	0.266	-.0107239	.0388227

38		-.0158828	.0081183	-1.96	0.050	-.0317944	.0000288
39		-.0041457	.0080664	-0.51	0.607	-.0199555	.011664
40		-.0062915	.0079929	-0.79	0.431	-.0219573	.0093743
41		-.0143718	.008004	-1.80	0.073	-.0300594	.0013158
42		-.0163234	.0080629	-2.02	0.043	-.0321264	-.0005204
43		-.0087179	.0080997	-1.08	0.282	-.0245929	.0071572
44		-.0200338	.0081624	-2.45	0.014	-.0360318	-.0040359
45		-.0090704	.0080203	-1.13	0.258	-.0247898	.006649
46		-.018356	.008081	-2.27	0.023	-.0341946	-.0025175
47		-.0129466	.0081721	-1.58	0.113	-.0289636	.0030705
48		-.0157027	.0081333	-1.93	0.054	-.0316436	.0002383
49		-.0086542	.0080579	-1.07	0.283	-.0244474	.0071389
50		-.0064565	.0081686	-0.79	0.429	-.0224667	.0095536
51		-.0027472	.0081811	-0.34	0.737	-.018782	.0132875
52		-.0171623	.0080501	-2.13	0.033	-.0329401	-.0013844
53		-.0074852	.0080589	-0.93	0.353	-.0232804	.00831
54		-.0078936	.0080989	-0.97	0.330	-.0237672	.0079799
55		-.002786	.0080663	-0.35	0.730	-.0185955	.0130236
56		-.0136286	.008	-1.70	0.088	-.0293083	.0020511
57		-.0078348	.0080793	-0.97	0.332	-.0236699	.0080003
58		-.0219684	.0080107	-2.74	0.006	-.037669	-.0062678
59		-.0096495	.0078848	-1.22	0.221	-.0251035	.0058046
60		-.0119567	.0078398	-1.53	0.127	-.0273223	.0034089
61		-.0115271	.0079148	-1.46	0.145	-.0270399	.0039857
62		-.0087483	.007924	-1.10	0.270	-.0242792	.0067825
63		-.0021864	.0078317	-0.28	0.780	-.0175362	.0131635
64		-.0071316	.0078323	-0.91	0.363	-.0224826	.0082195
65		-.0095064	.0077896	-1.22	0.222	-.0247738	.005761
66		-.0113241	.0079394	-1.43	0.154	-.0268849	.0042368
67		-.0003903	.0079131	-0.05	0.961	-.0158997	.0151191
68		-.0071397	.0078438	0.91	0.363	-.0082338	.0225132
69		-.0126215	.0078166	-1.61	0.106	-.0279418	.0026988
70		.0009536	.0079863	0.12	0.905	-.0146992	.0166064
71		-.0007019	.0079545	-0.09	0.930	-.0162925	.0148887
72		-.0028808	.0079083	-0.36	0.716	-.0183809	.0126192
73		-.0082924	.0079928	-1.04	0.300	-.023958	.0073732
74		-.0076488	.0080346	-0.95	0.341	-.0233964	.0080988
75		-.003501	.00808	-0.43	0.665	-.0193376	.0123356
76		-.009906	.008084	-1.23	0.220	-.0257504	.0059383
77		-.0095852	.0081705	-1.17	0.241	-.0255991	.0064286
78		-.0008491	.0082502	-0.10	0.918	-.0170192	.0153209
79		.0105628	.00819	1.29	0.197	-.0054894	.026615
80		.0076285	.0090488	0.84	0.399	-.0101068	.0253639
tim#nc							
1	1	-.0059932	.0155692	-0.38	0.700	-.0365082	.0245219
2	1	.0149	.0159247	0.94	0.349	-.0163118	.0461118
3	1	-.0086583	.0154862	-0.56	0.576	-.0390107	.0216941
4	1	-.0011082	.0160127	-0.07	0.945	-.0324925	.0302762
5	1	-.0292243	.0163559	-1.79	0.074	-.0612813	.0028326
6	1	-.0029062	.0163207	0.18	0.859	-.0290819	.0348942
7	1	-.0185219	.0146738	-1.26	0.207	-.047282	.0102382
8	1	.0078335	.0159892	0.49	0.624	-.0235047	.0391716
9	1	.015558	.0157384	0.99	0.323	-.0152886	.0464046
10	1	.0100706	.014853	0.68	0.498	-.0190408	.039182
11	1	.0009097	.0143314	0.06	0.949	-.0271793	.0289987
12	1	-.0025258	.0154619	-0.16	0.870	-.0328305	.027779
13	1	.0346804	.0151107	2.30	0.022	.005064	.0642968
14	1	.008349	.0142745	0.58	0.559	-.0196284	.0363264
15	1	-.0142611	.0146204	-0.98	0.329	-.0429165	.0143943
16	1	.0125277	.0159597	0.78	0.432	-.0187528	.0438082
17	1	-.0006867	.015152	-0.05	0.964	-.0303841	.0290107
18	1	.0112171	.014774	0.76	0.448	-.0177394	.0401735

19	1	-.030913	.0145755	-2.12	0.034	-.0594805	-.0023456
20	1	-.0305276	.016193	-1.89	0.059	-.0622653	.0012102
21	1	.0200193	.0159278	1.26	0.209	-.0111986	.0512372
22	1	-.0084598	.0153453	-0.55	0.581	-.038536	.0216163
23	1	-.0048995	.0153497	-0.32	0.750	-.0349843	.0251853
24	1	-.0115927	.015768	-0.74	0.462	-.0424974	.0193119
25	1	-.0000289	.0165725	-0.00	0.999	-.0325104	.0324526
26	1	.0294328	.0162916	1.81	0.071	-.0024982	.0613637
27	1	-.0401087	.0160931	-2.49	0.013	-.0716505	-.0085669
28	1	-.0319432	.015847	-2.02	0.044	-.0630028	-.0008837
29	1	.017651	.0166315	1.06	0.289	-.0149463	.0502482
30	1	.024229	.0170954	1.42	0.156	-.0092775	.0577354
31	1	-.0173535	.0157248	-1.10	0.270	-.0481734	.0134665
32	1	-.0090685	.0160832	-0.56	0.573	-.040591	.022454
33	1	-.0000143	.0161888	-0.00	0.999	-.0317438	.0317152
34	1	-.0031605	.0154954	-0.20	0.838	-.033531	.02721
35	1	.0171626	.0156405	1.10	0.273	-.0134923	.0478174
36	1	-.0128197	.0165204	-0.78	0.438	-.0451991	.0195597
37	1	-.0104875	.0161179	-0.65	0.515	-.042078	.021103
38	1	.0073891	.0158195	0.47	0.640	-.0236166	.0383947
39	1	.0198195	.0157199	1.26	0.207	-.0109908	.0506299
40	1	-.0087101	.0156254	-0.56	0.577	-.0393353	.0219151
41	1	-.0100421	.0157285	-0.64	0.523	-.0408694	.0207852
42	1	.0059927	.0163287	0.37	0.714	-.026011	.0379965
43	1	-.0067544	.0158418	-0.43	0.670	-.0378038	.024295
44	1	-.0186307	.0155908	-1.19	0.232	-.0491882	.0119268
45	1	-.0139086	.0164242	-0.85	0.397	-.0460994	.0182822
46	1	-.0277725	.0159976	-1.74	0.083	-.0591273	.0035822
47	1	.0052327	.0160146	0.33	0.744	-.0261553	.0366207
48	1	.0171687	.0166902	1.03	0.304	-.0155436	.0498809
49	1	-.0016406	.0161717	-0.10	0.919	-.0333366	.0300554
50	1	-.0150925	.0156241	-0.97	0.334	-.0457151	.0155301
51	1	.0103401	.0164297	0.63	0.529	-.0218615	.0425417
52	1	-.0159219	.0162992	-0.98	0.329	-.0478677	.0160239
53	1	.0090392	.015326	0.59	0.555	-.0209992	.0390777
54	1	-.0019342	.0157334	-0.12	0.902	-.0327712	.0289028
55	1	.0576121	.0166686	3.46	0.001	.0249422	.090282
56	1	-.0040963	.0160474	-0.26	0.799	-.0355486	.0273561
57	1	-.0174033	.0159844	-1.09	0.276	-.0487322	.0139256
58	1	.0135389	.0153678	0.88	0.378	-.0165816	.0436593
59	1	.0258151	.0152131	1.70	0.090	-.004002	.0556322
60	1	.0157502	.0152253	1.03	0.301	-.0140908	.0455911
61	1	.0383814	.0155908	2.46	0.014	.007824	.0689389
62	1	.0056454	.0147759	0.38	0.702	-.0233147	.0346056
63	1	.0327483	.0140118	2.34	0.019	.0052858	.0602109
64	1	-.0096027	.0147776	-0.65	0.516	-.0385663	.019361
65	1	.0213732	.0155564	1.37	0.169	-.0091168	.0518632
66	1	-.0043134	.0149912	-0.29	0.774	-.0336957	.0250688
67	1	.0178475	.0151812	1.18	0.240	-.0119071	.0476021
68	1	-.0240593	.0148295	-1.62	0.105	-.0531246	.005006
69	1	.0147269	.0144786	1.02	0.309	-.0136506	.0431045
70	1	.0291774	.0148343	1.97	0.049	.0001026	.0582522
71	1	.0219443	.0154921	1.42	0.157	-.0084197	.0523084
72	1	.0130009	.0152108	0.85	0.393	-.0168118	.0428135
73	1	-.0083505	.0156712	-0.53	0.594	-.0390656	.0223645
74	1	-.0124008	.0158004	-0.78	0.433	-.043369	.0185674
75	1	-.0049238	.0163233	-0.30	0.763	-.0369169	.0270693
76	1	.0157891	.0166081	0.95	0.342	-.0167622	.0483404
77	1	.0230649	.0153952	1.50	0.134	-.0071091	.0532388
78	1	.0004866	.0164945	0.03	0.976	-.031842	.0328152
79	1	-.018466	.0168868	-1.09	0.274	-.0515635	.0146315
80	1	.012085	.0209	0.58	0.563	-.0288783	.0530483

```

      _cons | .0700058 .0060775 11.52 0.000 .0580941 .0819176
-----+-----
      sigma_u | .03879814
      sigma_e | .24473946
      rho | .02451514 (fraction of variance due to u_i)
-----+-----

```

```

.
. /* Survey weights */
. svyset [iw=wtfinl]

```

```

      iweight: wtfinl
      VCE: linearized
      Single unit: missing
      Strata 1: <one>
      SU 1: <observations>
      FPC 1: <zero>

```

```

. summarize N_to_N

```

```

      Variable |      Obs      Mean   Std. Dev.      Min      Max
-----+-----
      N_to_N | 194,995   .8962691   .3049119         0         1

```

```

. summarize N_to_N [weight=wtfinl]
(analytic weights assumed)

```

```

      Variable |      Obs      Weight      Mean   Std. Dev.      Min      Max
-----+-----
      N_to_N | 194,995  533626929   .8913238   .3112333         0         1

```

```

. summarize N_to_E

```

```

      Variable |      Obs      Mean   Std. Dev.      Min      Max
-----+-----
      N_to_E | 194,995   .0655863   .2475582         0         1

```

```

. summarize N_to_E [weight=wtfinl]
(analytic weights assumed)

```

```

      Variable |      Obs      Weight      Mean   Std. Dev.      Min      Max
-----+-----
      N_to_E | 194,995  533626929   .068528   .2526505         0         1

```

```

. summarize N_to_U

```

```

      Variable |      Obs      Mean   Std. Dev.      Min      Max
-----+-----
      N_to_U | 194,995   .0376984   .1904663         0         1

```

```

. summarize N_to_U [weight=wtfinl]
(analytic weights assumed)

```

```

      Variable |      Obs      Weight      Mean   Std. Dev.      Min      Max
-----+-----
      N_to_U | 194,995  533626929   .0396704   .1951842         0         1

```

```

.
.
. svy:regress N_to_N i.tim i.tim#nc
(running regress on estimation sample)

```

Survey: Linear regression

Number of strata = 1
 Number of PSUs = 194,995

Number of obs = 194,995
 Population size = 533,626,929
 Design df = 194,994
 F(159, 194836) = 1.45
 Prob > F = 0.0002
 R-squared = 0.0014

N_to_N	Coef.	Linearized Std. Err.	t	P> t	[95% Conf. Interval]	
tim						
2	-.0146661	.0117262	-1.25	0.211	-.0376491	.0083169
3	-.0090882	.0111113	-0.82	0.413	-.0308662	.0126897
4	-.0033047	.0114096	-0.29	0.772	-.0256673	.0190579
5	-.0094961	.0113392	-0.84	0.402	-.0317206	.0127284
6	-.0039259	.0109904	-0.36	0.721	-.0254669	.017615
7	-.0291155	.0112869	-2.58	0.010	-.0512376	-.0069934
8	.0017817	.0106115	0.17	0.867	-.0190166	.0225799
9	.0059563	.0104944	0.57	0.570	-.0146123	.026525
10	-.015793	.0110132	-1.43	0.152	-.0373786	.0057925
11	-.0037405	.0106952	-0.35	0.727	-.0247028	.0172218
12	-.0129367	.0109836	-1.18	0.239	-.0344643	.008591
13	.007438	.010636	0.70	0.484	-.0134083	.0282843
14	-.0108834	.0108897	-1.00	0.318	-.032227	.0104603
15	-.0190237	.0111437	-1.71	0.088	-.040865	.0028176
16	.0001241	.0106476	0.01	0.991	-.020745	.0209932
17	.0113887	.0105643	1.08	0.281	-.009317	.0320944
18	-.0026742	.0107258	-0.25	0.803	-.0236965	.018348
19	-.0151858	.0109115	-1.39	0.164	-.036572	.0062005
20	-.0129781	.0108831	-1.19	0.233	-.0343087	.0083524
21	-.0032076	.0106155	-0.30	0.763	-.0240136	.0175985
22	-.0023699	.0106357	-0.22	0.824	-.0232156	.0184757
23	-.0133028	.0107108	-1.24	0.214	-.0342957	.00769
24	-.005395	.0105794	-0.51	0.610	-.0261303	.0153404
25	-.0096805	.0106698	-0.91	0.364	-.0305931	.0112321
26	-.014686	.0109724	-1.34	0.181	-.0361917	.0068196
27	-.0423322	.0111858	-3.78	0.000	-.0642561	-.0204084
28	-.0195799	.0110408	-1.77	0.076	-.0412195	.0020597
29	-.0023838	.010669	-0.22	0.823	-.0232947	.0185271
30	.0010908	.0106051	0.10	0.918	-.0196949	.0218765
31	-.0222793	.0109743	-2.03	0.042	-.0437887	-.0007699
32	.0075839	.0104958	0.72	0.470	-.0129876	.0281554
33	.0009484	.0105194	0.09	0.928	-.0196693	.0215662
34	-.0125571	.0109992	-1.14	0.254	-.0341154	.0090012
35	-.0009678	.0106927	-0.09	0.928	-.0219252	.0199896
36	-.0015181	.0107051	-0.14	0.887	-.0224998	.0194636
37	-.0112525	.0107642	-1.05	0.296	-.03235	.0098451
38	-.0075906	.0107292	-0.71	0.479	-.0286195	.0134383
39	-.0187386	.0108593	-1.73	0.084	-.0400226	.0025454
40	-.0271102	.0109188	-2.48	0.013	-.0485108	-.0057097
41	-.0110534	.0106568	-1.04	0.300	-.0319404	.0098336
42	-.0131084	.0108679	-1.21	0.228	-.0344093	.0081925
43	-.0274069	.011074	-2.47	0.013	-.0491116	-.0057021
44	-.0116166	.010838	-1.07	0.284	-.0328588	.0096255
45	-.0176476	.0107367	-1.64	0.100	-.0386912	.0033961
46	-.0085205	.0107292	-0.79	0.427	-.0295494	.0125085
47	-.0049194	.0106917	-0.46	0.645	-.0258749	.016036
48	-.0062	.0107048	-0.58	0.562	-.0271811	.0147812
49	-.0078501	.0106222	-0.74	0.460	-.0286693	.0129691
50	-.0249982	.0112313	-2.23	0.026	-.0470113	-.002985
51	-.0177071	.0109675	-1.61	0.106	-.039203	.0037889

52		-.0090374	.0106775	-0.85	0.397	-.029965	.0118902
53		-.0049084	.0105684	-0.46	0.642	-.0256222	.0158053
54		-.0178193	.0109308	-1.63	0.103	-.0392433	.0036047
55		.0000247	.0104072	0.00	0.998	-.0203732	.0204226
56		-.0034577	.0105267	-0.33	0.743	-.0240899	.0171745
57		-.0089281	.0108017	-0.83	0.408	-.0300991	.0122428
58		-.0002459	.0105394	-0.02	0.981	-.0209028	.020411
59		-.012544	.0106956	-1.17	0.241	-.033507	.0084191
60		-.0018617	.0104611	-0.18	0.859	-.0223653	.0186418
61		.0038701	.0104867	0.37	0.712	-.0166837	.0244239
62		-.0048518	.0108033	-0.45	0.653	-.026026	.0163225
63		-.0111936	.0106261	-1.05	0.292	-.0320205	.0096333
64		-.0022409	.0104984	-0.21	0.831	-.0228176	.0183357
65		.0043752	.0102678	0.43	0.670	-.0157494	.0244998
66		.0164754	.0102558	1.61	0.108	-.0036257	.0365764
67		-.0243231	.0111425	-2.18	0.029	-.0461621	-.0024841
68		-.023035	.0109536	-2.10	0.035	-.0445038	-.0015662
69		.0020541	.0104251	0.20	0.844	-.0183788	.022487
70		-.0032841	.0107593	-0.31	0.760	-.0243722	.0178039
71		-.0068694	.0107942	-0.64	0.525	-.0280257	.014287
72		-.001543	.0105971	-0.15	0.884	-.0223131	.0192272
73		.002092	.0107625	0.19	0.846	-.0190023	.0231862
74		-.0026703	.0109405	-0.24	0.807	-.0241135	.0187728
75		.0053371	.0106933	0.50	0.618	-.0156215	.0262957
76		.0021024	.0109365	0.19	0.848	-.0193329	.0235378
77		.0143531	.0105377	1.36	0.173	-.0063005	.0350067
78		-.0052331	.0111959	-0.47	0.640	-.0271768	.0167106
79		-.0118821	.0112034	-1.06	0.289	-.0338405	.0100764
80		-.010059	.012642	-0.80	0.426	-.0348371	.0147191
tim#nc							
1	1	-.0085167	.0203741	-0.42	0.676	-.0484493	.031416
2	1	-.0027127	.0213141	-0.13	0.899	-.0444879	.0390624
3	1	.0163158	.0193638	0.84	0.399	-.0216367	.0542684
4	1	.0176854	.0189604	0.93	0.351	-.0194766	.0548474
5	1	.0132379	.0204934	0.65	0.518	-.0269287	.0534046
6	1	-.0051643	.021228	-0.24	0.808	-.0467706	.036442
7	1	.0147918	.0192849	0.77	0.443	-.0230062	.0525898
8	1	-.027705	.0219581	-1.26	0.207	-.0707424	.0153325
9	1	-.0395535	.0218442	-1.81	0.070	-.0823676	.0032606
10	1	-.0014232	.0199687	-0.07	0.943	-.0405612	.0377149
11	1	-.0135066	.019333	-0.70	0.485	-.0513988	.0243857
12	1	-.0034427	.0206947	-0.17	0.868	-.0440039	.0371185
13	1	-.0458176	.0214908	-2.13	0.033	-.0879391	-.0036961
14	1	-.0031244	.0191065	-0.16	0.870	-.0405728	.034324
15	1	.0320399	.0178616	1.79	0.073	-.0029684	.0670483
16	1	-.0161089	.0214604	-0.75	0.453	-.0581708	.0259529
17	1	-.0050053	.0188149	-0.27	0.790	-.0418819	.0318714
18	1	.00113	.0188539	0.06	0.952	-.0358231	.0380832
19	1	.0389319	.0170823	2.28	0.023	.005451	.0724128
20	1	.0245804	.0205266	1.20	0.231	-.0156512	.0648121
21	1	-.0099558	.0209988	-0.47	0.635	-.0511129	.0312012
22	1	-.0114637	.0216478	-0.53	0.596	-.0538929	.0309655
23	1	.0091795	.0194046	0.47	0.636	-.0288531	.0472121
24	1	.0205684	.0192597	1.07	0.286	-.0171802	.0583169
25	1	.0079627	.0208799	0.38	0.703	-.0329614	.0488868
26	1	-.0465639	.0247834	-1.88	0.060	-.0951388	.002011
27	1	.0488925	.0196924	2.48	0.013	.010296	.087489
28	1	.0421944	.018287	2.31	0.021	.0063522	.0780365
29	1	-.0065351	.0210492	-0.31	0.756	-.0477909	.0347208
30	1	-.044721	.0245285	-1.82	0.068	-.0927962	.0033542
31	1	.0166292	.0202588	0.82	0.412	-.0230774	.0563359
32	1	.0005546	.0198348	0.03	0.978	-.038321	.0394303

33	1		-.003005	.0202498	-0.15	0.882	-.0426942	.0366843
34	1		-.0004897	.0200732	-0.02	0.981	-.0398326	.0388532
35	1		-.0157926	.0204017	-0.77	0.439	-.0557795	.0241942
36	1		-.0044028	.0216677	-0.20	0.839	-.0468711	.0380655
37	1		.0079121	.0212181	0.37	0.709	-.0336748	.0494991
38	1		-.0334414	.0226661	-1.48	0.140	-.0778663	.0109835
39	1		-.0141541	.0220421	-0.64	0.521	-.0573561	.0290478
40	1		.0188541	.0198674	0.95	0.343	-.0200855	.0577937
41	1		.0273054	.0184045	1.48	0.138	-.0087669	.0633776
42	1		-.0129849	.0223529	-0.58	0.561	-.0567961	.0308263
43	1		.0265128	.019952	1.33	0.184	-.0125927	.0656184
44	1		.0115912	.0196923	0.59	0.556	-.0270052	.0501876
45	1		.0094934	.0211757	0.45	0.654	-.0320104	.0509973
46	1		.0000853	.0202497	0.00	0.997	-.0396037	.0397742
47	1		-.0236947	.0217655	-1.09	0.276	-.0663546	.0189652
48	1		-.0251954	.0228789	-1.10	0.271	-.0700375	.0196468
49	1		-.0069854	.0214601	-0.33	0.745	-.0490467	.035076
50	1		.0314245	.0199144	1.58	0.115	-.0076072	.0704561
51	1		-.0366378	.0242097	-1.51	0.130	-.0840883	.0108127
52	1		.0034743	.020435	0.17	0.865	-.0365779	.0435264
53	1		-.0202649	.0207185	-0.98	0.328	-.0608727	.0203429
54	1		.002353	.0214336	0.11	0.913	-.0396564	.0443623
55	1		-.0510878	.0242718	-2.10	0.035	-.0986599	-.0035156
56	1		.0010668	.0207101	0.05	0.959	-.0395246	.0416582
57	1		.0073521	.0199668	0.37	0.713	-.0317824	.0464866
58	1		-.0122727	.0197249	-0.62	0.534	-.0509331	.0263877
59	1		-.0030179	.0207792	-0.15	0.885	-.0437446	.0377088
60	1		-.0185919	.0199797	-0.93	0.352	-.0577517	.0205679
61	1		-.0418192	.0223664	-1.87	0.062	-.0856569	.0020184
62	1		-.0021047	.0191217	-0.11	0.912	-.0395828	.0353733
63	1		-.0176194	.0197755	-0.89	0.373	-.056379	.0211401
64	1		.0109599	.0178155	0.62	0.538	-.023958	.0458778
65	1		-.0141667	.0202962	-0.70	0.485	-.0539468	.0256133
66	1		-.0001883	.0177335	-0.01	0.992	-.0349456	.034569
67	1		-.0063599	.022081	-0.29	0.773	-.0496382	.0369184
68	1		-.0025328	.0203623	-0.12	0.901	-.0424424	.0373768
69	1		-.0097704	.0192409	-0.51	0.612	-.0474821	.0279413
70	1		-.0355834	.0214368	-1.66	0.097	-.077599	.0064322
71	1		-.0216746	.0216075	-1.00	0.316	-.0640248	.0206756
72	1		.0037109	.0187922	0.20	0.843	-.0331214	.0405432
73	1		.0139241	.0182398	0.76	0.445	-.0218255	.0496736
74	1		.0157372	.0187096	0.84	0.400	-.0209331	.0524076
75	1		.0313256	.0167997	1.86	0.062	-.0016013	.0642526
76	1		-.0193203	.0234126	-0.83	0.409	-.0652085	.0265679
77	1		-.03196	.0201859	-1.58	0.113	-.071524	.007604
78	1		-.0037286	.0211283	-0.18	0.860	-.0451395	.0376823
79	1		.0217967	.0205351	1.06	0.288	-.0184517	.0620451
80	1		-.0070333	.0282604	-0.25	0.803	-.062423	.0483564
_cons			.8993147	.0079367	113.31	0.000	.883759	.9148704

 . svy:regress N_to_E i.tim i.tim#nc
 (running regress on estimation sample)

Survey: Linear regression

Number of strata	=	1	Number of obs	=	194,995
Number of PSUs	=	194,995	Population size	=	533,626,929
			Design df	=	194,994
			F(159, 194836)	=	2.30
			Prob > F	=	0.0000
			R-squared	=	0.0022

N_to_E	Linearized		t	P> t	[95% Conf. Interval]	
	Coef.	Std. Err.				
tim						
2	.0066425	.009912	0.67	0.503	-.0127847	.0260697
3	.009774	.0096356	1.01	0.310	-.0091116	.0286597
4	-.0031413	.0097051	-0.32	0.746	-.0221631	.0158805
5	.0119583	.0099409	1.20	0.229	-.0075255	.0314422
6	.0015381	.0094059	0.16	0.870	-.0168972	.0199735
7	.0197478	.0096799	2.04	0.041	.0007754	.0387202
8	-.0054032	.0090407	-0.60	0.550	-.0231226	.0123163
9	-.0126725	.0087519	-1.45	0.148	-.029826	.0044809
10	.0067623	.0094203	0.72	0.473	-.0117013	.0252259
11	-.0014754	.0090991	-0.16	0.871	-.0193093	.0163586
12	-.0043809	.0091332	-0.48	0.631	-.0222817	.0135199
13	-.013749	.0088788	-1.55	0.121	-.0311512	.0036532
14	.0011172	.0092069	0.12	0.903	-.016928	.0191625
15	.0087353	.0095015	0.92	0.358	-.0098874	.0273579
16	-.0059331	.0089722	-0.66	0.508	-.0235184	.0116521
17	-.0160407	.0086988	-1.84	0.065	-.0330902	.0010089
18	-.005938	.0090545	-0.66	0.512	-.0236846	.0118086
19	.0095319	.0094045	1.01	0.311	-.0089006	.0279644
20	.0038965	.009252	0.42	0.674	-.0142372	.0220302
21	-.006257	.0089138	-0.70	0.483	-.0237279	.0112139
22	.0024235	.0091778	0.26	0.792	-.0155647	.0204117
23	.0019661	.0090461	0.22	0.828	-.015764	.0196963
24	-.0057729	.0088016	-0.66	0.512	-.0230238	.011478
25	.0084317	.0092087	0.92	0.360	-.0096171	.0264806
26	.0074006	.0093993	0.79	0.431	-.0110218	.025823
27	.0312515	.0097156	3.22	0.001	.0122092	.0502938
28	.0101109	.0094344	1.07	0.284	-.0083803	.0286022
29	.0010114	.0092004	0.11	0.912	-.0170211	.0190439
30	-.0067002	.0089789	-0.75	0.456	-.0242987	.0108983
31	.0147639	.0094689	1.56	0.119	-.0037949	.0333228
32	-.0107677	.0088514	-1.22	0.224	-.0281161	.0065808
33	-.0093192	.0087758	-1.06	0.288	-.0265196	.0078812
34	.0029244	.0093585	0.31	0.755	-.0154182	.0212669
35	-.0033174	.0091311	-0.36	0.716	-.0212142	.0145794
36	-.0150696	.0087468	-1.72	0.085	-.0322131	.0020739
37	-.0145138	.0086223	-1.68	0.092	-.0314133	.0023858
38	-.018155	.0086335	-2.10	0.035	-.0350765	-.0012334
39	-.0063363	.0088311	-0.72	0.473	-.0236451	.0109724
40	-.0055287	.0088704	-0.62	0.533	-.0229145	.0118571
41	-.0156205	.0085366	-1.83	0.067	-.032352	.001111
42	-.0156653	.0086976	-1.80	0.072	-.0327125	.0013819
43	-.0118493	.0087135	-1.36	0.174	-.0289277	.005229
44	-.0215151	.0085384	-2.52	0.012	-.03825	-.0047801
45	-.011845	.0086242	-1.37	0.170	-.0287481	.0050582
46	-.0217674	.0084522	-2.58	0.010	-.0383337	-.0052012
47	-.0182236	.0085697	-2.13	0.033	-.03502	-.0014272
48	-.0198673	.0084932	-2.34	0.019	-.0365138	-.0032208
49	-.0111486	.0086988	-1.28	0.200	-.0281982	.0059009
50	-.007151	.0089663	-0.80	0.425	-.0247247	.0104228
51	-.0017766	.0091076	-0.20	0.845	-.0196273	.0160742
52	-.0176032	.0086128	-2.04	0.041	-.0344841	-.0007223
53	-.0075673	.0088348	-0.86	0.392	-.0248833	.0097488
54	-.0063787	.0089639	-0.71	0.477	-.0239478	.0111904
55	-.0069574	.0087694	-0.79	0.428	-.0241453	.0102305
56	-.0141596	.0086204	-1.64	0.100	-.0310553	.0027362
57	-.0066804	.0089531	-0.75	0.456	-.0242283	.0108676
58	-.0261595	.0082902	-3.16	0.002	-.0424081	-.0099109

59		-.0065938	.0088557	-0.74	0.457	-.0239508	.0107632	
60		-.0112019	.0087514	-1.28	0.201	-.0283545	.0059507	
61		-.0104296	.0087938	-1.19	0.236	-.0276653	.0068061	
62		-.0025821	.0091849	-0.28	0.779	-.0205844	.0154201	
63		-.0008668	.0089572	-0.10	0.923	-.0184227	.016689	
64		-.0047297	.008931	-0.53	0.596	-.0222342	.0127748	
65		-.0080943	.0087162	-0.93	0.353	-.0251777	.0089892	
66		-.0175983	.0085949	-2.05	0.041	-.0344441	-.0007525	
67		.0083998	.0094224	0.89	0.373	-.0100679	.0268674	
68		.0139567	.0094167	1.48	0.138	-.0044998	.0324132	
69		-.009732	.0087888	-1.11	0.268	-.0269579	.0074939	
70		.0029482	.0092288	0.32	0.749	-.01514	.0210364	
71		-.00124	.009063	-0.14	0.891	-.0190033	.0165233	
72		.0012096	.00909	0.13	0.894	-.0166067	.0190258	
73		-.0060603	.0091043	-0.67	0.506	-.0239045	.0117839	
74		.0018836	.0095027	0.20	0.843	-.0167414	.0205086	
75		.0014789	.00935	0.16	0.874	-.0168468	.0198047	
76		-.0052446	.0093148	-0.56	0.573	-.0235014	.0130122	
77		-.0143681	.0088571	-1.62	0.105	-.0317279	.0029916	
78		.0015069	.009594	0.16	0.875	-.017297	.0203109	
79		.0127012	.0096814	1.31	0.190	-.006274	.0316764	
80		.0141046	.0111359	1.27	0.205	-.0077215	.0359308	
tim#nc								
1		1	-.0039248	.0168612	-0.23	0.816	-.0369723	.0291226
2		1	.0113027	.0188634	0.60	0.549	-.0256692	.0482746
3		1	-.0061269	.0176289	-0.35	0.728	-.0406791	.0284254
4		1	-.009249	.0159504	-0.58	0.562	-.0405114	.0220133
5		1	-.0334688	.015279	-2.19	0.028	-.0634153	-.0035222
6		1	.0070531	.018752	0.38	0.707	-.0297004	.0438066
7		1	-.0227857	.0157088	-1.45	0.147	-.0535747	.0080032
8		1	.0043903	.0173959	0.25	0.801	-.0297052	.0384857
9		1	.0156386	.0169247	0.92	0.355	-.0175335	.0488107
10		1	.0037876	.0171344	0.22	0.825	-.0297955	.0373707
11		1	.0040613	.0158185	0.26	0.797	-.0269426	.0350651
12		1	-.0068477	.0154765	-0.44	0.658	-.0371812	.0234859
13		1	.0328625	.0175707	1.87	0.061	-.0015756	.0673007
14		1	.0067132	.0163197	0.41	0.681	-.025273	.0386993
15		1	-.0207329	.0148595	-1.40	0.163	-.0498572	.0083913
16		1	.0168617	.0185724	0.91	0.364	-.0195398	.0532632
17		1	.0018028	.0149652	0.12	0.904	-.0275286	.0311342
18		1	.0093203	.0162766	0.57	0.567	-.0225815	.0412221
19		1	-.0277318	.0149114	-1.86	0.063	-.0569579	.0014942
20		1	-.0271995	.0162032	-1.68	0.093	-.0589574	.0045584
21		1	.016405	.0178317	0.92	0.358	-.0185448	.0513548
22		1	-.0070065	.016418	-0.43	0.670	-.0391855	.0251724
23		1	-.0066616	.0159631	-0.42	0.676	-.0379488	.0246257
24		1	-.0017143	.0171072	-0.10	0.920	-.0352441	.0318155
25		1	-.0031808	.0184237	-0.17	0.863	-.0392909	.0329293
26		1	.0235003	.0199075	1.18	0.238	-.0155179	.0625185
27		1	-.0449536	.0159754	-2.81	0.005	-.0762651	-.0136422
28		1	-.0396515	.0139334	-2.85	0.004	-.0669607	-.0123423
29		1	.0144051	.0191128	0.75	0.451	-.0230557	.0518658
30		1	.0173107	.0189755	0.91	0.362	-.0198808	.0545022
31		1	-.0202113	.0166913	-1.21	0.226	-.0529258	.0125032
32		1	-.0044113	.0161044	-0.27	0.784	-.0359756	.027153
33		1	.0012229	.0159075	0.08	0.939	-.0299554	.0324013
34		1	-.0127117	.0154232	-0.82	0.410	-.0429409	.0175175
35		1	.0140593	.017493	0.80	0.422	-.0202266	.0483453
36		1	-.0095618	.0154494	-0.62	0.536	-.0398422	.0207186
37		1	-.0107171	.0148555	-0.72	0.471	-.0398335	.0183993
38		1	.0095126	.0160578	0.59	0.554	-.0219602	.0409855
39		1	.0190192	.0177992	1.07	0.285	-.0158669	.0539053

40	1	-.0115102	.0147759	-0.78	0.436	-.0404707	.0174503
41	1	-.0084307	.0141665	-0.60	0.552	-.0361967	.0193353
42	1	.0043239	.016348	0.26	0.791	-.0277177	.0363655
43	1	-.0084592	.0142839	-0.59	0.554	-.0364553	.0195369
44	1	-.0205533	.0114042	-1.80	0.072	-.0429053	.0017987
45	1	-.0134935	.014349	-0.94	0.347	-.0416171	.0146301
46	1	-.0282216	.0104104	-2.71	0.007	-.0486257	-.0078174
47	1	.0070667	.0154562	0.46	0.648	-.023227	.0373604
48	1	.0179389	.0169812	1.06	0.291	-.0153439	.0512217
49	1	.002127	.0163378	0.13	0.896	-.0298947	.0341486
50	1	-.0132551	.0150176	-0.88	0.377	-.0426893	.0161791
51	1	.0084948	.0181777	0.47	0.640	-.027133	.0441226
52	1	-.0154819	.013425	-1.15	0.249	-.0417946	.0108308
53	1	.0052482	.015957	0.33	0.742	-.0260272	.0365236
54	1	.0006469	.0167742	0.04	0.969	-.0322303	.033524
55	1	.0629618	.0225535	2.79	0.005	.0187575	.1071661
56	1	-.0010357	.0160752	-0.06	0.949	-.0325426	.0304713
57	1	-.0214156	.0140463	-1.52	0.127	-.048946	.0061149
58	1	.0131017	.014491	0.90	0.366	-.0153004	.0415038
59	1	.0239686	.0184614	1.30	0.194	-.0122154	.0601526
60	1	.0096385	.0157221	0.61	0.540	-.0211765	.0404534
61	1	.03912	.0192983	2.03	0.043	.0012958	.0769442
62	1	.0000283	.0158223	0.00	0.999	-.0309829	.0310396
63	1	.0336525	.0177976	1.89	0.059	-.0012304	.0685354
64	1	-.0132214	.0142314	-0.93	0.353	-.0411146	.0146717
65	1	.0194732	.0179919	1.08	0.279	-.0157904	.0547368
66	1	.0013874	.0143933	0.10	0.923	-.0268232	.0295979
67	1	.0062855	.0178494	0.35	0.725	-.0286989	.0412698
68	1	-.0324502	.01444	-2.25	0.025	-.0607522	-.0041481
69	1	.015438	.0166321	0.93	0.353	-.0171604	.0480365
70	1	.0264088	.0185971	1.42	0.156	-.010041	.0628587
71	1	.0234544	.0188441	1.24	0.213	-.0134795	.0603884
72	1	.0063543	.0171104	0.37	0.710	-.0271816	.0398903
73	1	-.0141954	.0146022	-0.97	0.331	-.0428154	.0144246
74	1	-.0296285	.013542	-2.19	0.029	-.0561706	-.0030864
75	1	-.01342	.0161693	-0.83	0.407	-.0451115	.0182714
76	1	.0070052	.0179625	0.39	0.697	-.0282009	.0422113
77	1	.0205765	.016495	1.25	0.212	-.0117534	.0529063
78	1	-.0064423	.0171359	-0.38	0.707	-.0400283	.0271437
79	1	-.0239915	.0171387	-1.40	0.162	-.057583	.0096001
80	1	-.0000851	.0241304	-0.00	0.997	-.0473801	.0472098
_cons		.0725356	.0068198	10.64	0.000	.059169	.0859023

```
. svy:regress N_to_U i.tim i.tim#nc
(running regress on estimation sample)
```

Survey: Linear regression

Number of strata	=	1	Number of obs	=	194,995
Number of PSUs	=	194,995	Population size	=	533,626,929
			Design df	=	194,994
			F(159, 194836)	=	3.57
			Prob > F	=	0.0000
			R-squared	=	0.0034

N_to_U	Linearized			P> t	[95% Conf. Interval]	
	Coef.	Std. Err.	t			
tim						
2	.0068296	.0067631	1.01	0.313	-.0064258	.0200851

3		-.0011889	.0060181	-0.20	0.843	-.0129843	.0106064
4		.006446	.0065324	0.99	0.324	-.0063573	.0192493
5		-.0024622	.0059528	-0.41	0.679	-.0141296	.0092051
6		.0023878	.006166	0.39	0.699	-.0096975	.0144731
7		.0083304	.0063239	1.32	0.188	-.0040642	.020725
8		.0031029	.0059976	0.52	0.605	-.0086522	.014858
9		.0062636	.0062118	1.01	0.313	-.0059113	.0184386
10		.0090308	.0062394	1.45	0.148	-.0031984	.0212599
11		.0052159	.0060863	0.86	0.391	-.0067132	.0171449
12		.0173176	.0066306	2.61	0.009	.0043218	.0303134
13		.006311	.0063115	1.00	0.317	-.0060594	.0186814
14		.0097661	.0063287	1.54	0.123	-.002638	.0221703
15		.009202	.0062862	1.46	0.143	-.0031188	.0215228
16		.0045098	.0061323	0.74	0.462	-.0075094	.0165289
17		.0026581	.0063292	0.42	0.675	-.0097469	.0150631
18		.0086122	.0062202	1.38	0.166	-.0035791	.0208036
19		.0054108	.0060369	0.90	0.370	-.0064214	.0172429
20		.0090816	.0062498	1.45	0.146	-.0031678	.021331
21		.0088035	.0062046	1.42	0.156	-.0033574	.0209644
22		-.0000536	.0058401	-0.01	0.993	-.0115001	.0113929
23		.0104819	.0062043	1.69	0.091	-.0016784	.0226423
24		.0107656	.0063252	1.70	0.089	-.0016317	.0231628
25		-.0012575	.0057431	-0.22	0.827	-.0125138	.0099987
26		.0072854	.0061867	1.18	0.239	-.0048402	.0194111
27		.0107556	.0061394	1.75	0.080	-.0012776	.0227887
28		.0077783	.0062199	1.25	0.211	-.0044126	.0199692
29		.000902	.0058579	0.15	0.878	-.0105793	.0123833
30		.0041025	.0060458	0.68	0.497	-.0077472	.0159522
31		.0068588	.0060735	1.13	0.259	-.0050451	.0187627
32		.0031837	.0060798	0.52	0.601	-.0087325	.0150999
33		.0083708	.0062433	1.34	0.180	-.0038659	.0206075
34		.0091826	.0062954	1.46	0.145	-.0031562	.0215213
35		.0042852	.0060347	0.71	0.478	-.0075427	.0161131
36		.0160101	.006606	2.42	0.015	.0030624	.0289578
37		.0248072	.006893	3.60	0.000	.011297	.0383175
38		.0252843	.0068228	3.71	0.000	.0119117	.0386569
39		.0250749	.0068304	3.67	0.000	.0116875	.0384624
40		.0326389	.0069062	4.73	0.000	.019103	.0461748
41		.0266739	.0068539	3.89	0.000	.0132404	.0401074
42		.0276064	.0069729	3.96	0.000	.0139396	.0412731
43		.038655	.0073364	5.27	0.000	.0242757	.0530342
44		.0326456	.0071308	4.58	0.000	.0186694	.0466218
45		.0294925	.0068826	4.29	0.000	.0160029	.0429822
46		.0302879	.0070619	4.29	0.000	.0164468	.044129
47		.0223837	.0068207	3.28	0.001	.0090153	.0357521
48		.0260673	.0069663	3.74	0.000	.0124135	.039721
49		.0189987	.0065645	2.89	0.004	.0061324	.031865
50		.0310775	.0072767	4.27	0.000	.0168152	.0453397
51		.0194836	.0066327	2.94	0.003	.0064837	.0324835
52		.0266406	.0067831	3.93	0.000	.0133458	.0399353
53		.0106032	.0061862	1.71	0.087	-.0015217	.022728
54		.0236892	.0067647	3.50	0.000	.0104304	.0369479
55		.0069327	.0060485	1.15	0.252	-.0049221	.0187876
56		.0174202	.0065028	2.68	0.007	.0046749	.0301656
57		.0156085	.0065495	2.38	0.017	.0027716	.0284454
58		.0264054	.0069299	3.81	0.000	.0128229	.0399878
59		.0191378	.0064979	2.95	0.003	.0064021	.0318735
60		.0125269	.0061736	2.03	0.042	.0004268	.024627
61		.0065595	.0061712	1.06	0.288	-.0055359	.0186549
62		.0071416	.0061853	1.15	0.248	-.0049815	.0192647
63		.0120605	.0062074	1.94	0.052	-.0001059	.0242268
64		.0069706	.0059868	1.16	0.244	-.0047634	.0187046
65		.0028956	.0058353	0.50	0.620	-.0085415	.0143326

66		.0011229	.0060063	0.19	0.852	-.0106492	.0128951	
67		.0153247	.006502	2.36	0.018	.0025808	.0280685	
68		.0090783	.0061448	1.48	0.140	-.0029654	.021122	
69		.0068475	.0060367	1.13	0.257	-.0049842	.0186792	
70		-.0001864	.0059894	-0.03	0.975	-.0119255	.0115527	
71		.0081094	.0063587	1.28	0.202	-.0043535	.0205722	
72		-.0001877	.0058991	-0.03	0.975	-.0117499	.0113745	
73		.0035255	.0062094	0.57	0.570	-.0086448	.0156959	
74		-.0028986	.0057275	-0.51	0.613	-.0141244	.0083273	
75		-.006816	.0056375	-1.21	0.227	-.0178653	.0042333	
76		.0031421	.0062218	0.51	0.614	-.0090525	.0153368	
77		-.0012792	.0060673	-0.21	0.833	-.0131709	.0106126	
78		.0037261	.0062753	0.59	0.553	-.0085732	.0160255	
79		-.001659	.0061374	-0.27	0.787	-.0136882	.0103702	
80		-.0050085	.0065284	-0.77	0.443	-.017804	.0077871	
tim#nc								
1	1		.0124415	.0124343	1.00	0.317	-.0119294	.0368124
2	1		-.007396	.0109445	-0.68	0.499	-.028847	.0140551
3	1		-.0096858	.0087676	-1.10	0.269	-.0268701	.0074984
4	1		-.0084364	.0109826	-0.77	0.442	-.029962	.0130892
5	1		.0202309	.0144719	1.40	0.162	-.0081338	.0485955
6	1		-.0018888	.0109572	-0.17	0.863	-.0233646	.019587
7	1		.0090312	.0120943	0.75	0.455	-.0146733	.0327358
8	1		.0206848	.0142873	1.45	0.148	-.007318	.0486876
9	1		.0243675	.0150476	1.62	0.105	-.0051254	.0538603
10	1		-.0023644	.0113139	-0.21	0.834	-.0245394	.0198105
11	1		.0094453	.0121348	0.78	0.436	-.0143386	.0332293
12	1		.0102904	.0147444	0.70	0.485	-.0186084	.0391891
13	1		.0129551	.0137034	0.95	0.344	-.0139033	.0398135
14	1		-.0035888	.0109053	-0.33	0.742	-.0249629	.0177853
15	1		-.0102205	.010595	-0.96	0.335	-.0309864	.0105453
16	1		.0005465	.0118462	0.05	0.963	-.0226718	.0237647
17	1		.0051963	.0121471	0.43	0.669	-.0186117	.0290044
18	1		-.0104503	.0103444	-1.01	0.312	-.0307252	.0098245
19	1		-.010957	.0089497	-1.22	0.221	-.0284982	.0065843
20	1		.0026191	.0133247	0.20	0.844	-.023497	.0287352
21	1		-.0057881	.0118573	-0.49	0.625	-.0290282	.017452
22	1		.0184702	.0152909	1.21	0.227	-.0114996	.04844
23	1		-.0016632	.0118962	-0.14	0.889	-.0249795	.0216531
24	1		-.0184518	.0095797	-1.93	0.054	-.0372278	.0003242
25	1		-.0022756	.0106671	-0.21	0.831	-.0231829	.0186317
26	1		.0230636	.0165941	1.39	0.165	-.0094605	.0555877
27	1		-.0036137	.0123421	-0.29	0.770	-.0278039	.0205765
28	1		-.0008521	.0124502	-0.07	0.945	-.0252542	.0235499
29	1		-.0073996	.0096938	-0.76	0.445	-.0263992	.0115999
30	1		.0289173	.0170495	1.70	0.090	-.0044994	.0623339
31	1		-.0075537	.0104683	-0.72	0.471	-.0280713	.0129639
32	1		.0038567	.0124168	0.31	0.756	-.0204799	.0281933
33	1		.001782	.013407	0.13	0.894	-.0244953	.0280593
34	1		.0136516	.013778	0.99	0.322	-.013353	.0406561
35	1		.0017333	.0114984	0.15	0.880	-.0208034	.02427
36	1		.0145422	.0161362	0.90	0.367	-.0170843	.0461687
37	1		.0037639	.0160541	0.23	0.815	-.0277017	.0352296
38	1		.0243901	.0172726	1.41	0.158	-.0094638	.0582439
39	1		-.0048651	.0143059	-0.34	0.734	-.0329044	.0231742
40	1		-.0073439	.0141551	-0.52	0.604	-.0350875	.0203998
41	1		-.0188747	.0124345	-1.52	0.129	-.0432461	.0054967
42	1		.0098284	.0163837	0.60	0.549	-.0222832	.0419399
43	1		-.0174524	.0147467	-1.18	0.237	-.0463557	.0114509
44	1		.0094482	.0166448	0.57	0.570	-.0231752	.0420717
45	1		.004	.016433	0.24	0.808	-.0282083	.0362084
46	1		.0281363	.0178655	1.57	0.115	-.0068797	.0631522

47	1		.0173873	.016384	1.06	0.289	-.0147251	.0494996
48	1		.0072564	.0165448	0.44	0.661	-.0251709	.0396838
49	1		.0048584	.0149839	0.32	0.746	-.0245097	.0342264
50	1		-.0210302	.0134311	-1.57	0.117	-.0473549	.0052944
51	1		.028143	.0175623	1.60	0.109	-.0062786	.0625646
52	1		.0120076	.016148	0.74	0.457	-.019642	.0436572
53	1		.0168892	.0142681	1.18	0.237	-.0110759	.0448544
54	1		-.002491	.0144921	-0.17	0.864	-.0308951	.0259132
55	1		-.011874	.0103215	-1.15	0.250	-.0321039	.0083559
56	1		.0001659	.0140188	0.01	0.991	-.0273107	.0276424
57	1		.0109381	.0146671	0.75	0.456	-.0178092	.0396854
58	1		-.000829	.0142217	-0.06	0.954	-.0287033	.0270452
59	1		-.0209507	.0105645	-1.98	0.047	-.0416569	-.0002445
60	1		.0057542	.0127916	0.45	0.653	-.0193171	.0308255
61	1		.0026993	.0126751	0.21	0.831	-.0221436	.0275421
62	1		-.0017248	.0109397	-0.16	0.875	-.0231663	.0197168
63	1		-.0160331	.0097083	-1.65	0.099	-.0350612	.0029951
64	1		.0022615	.0114189	0.20	0.843	-.0201192	.0246423
65	1		-.004483	.0102974	-0.44	0.663	-.0246657	.0156998
66	1		-.001199	.0110228	-0.11	0.913	-.0228034	.0204053
67	1		.000673	.0143915	0.05	0.963	-.027534	.02888
68	1		.0323698	.0151249	2.14	0.032	.0027254	.0620142
69	1		-.0048373	.0106001	-0.46	0.648	-.0256132	.0159387
70	1		.0096968	.0119861	0.81	0.419	-.0137957	.0331894
71	1		-.0017798	.0117827	-0.15	0.880	-.0248736	.021314
72	1		-.0095441	.008471	-1.13	0.260	-.0261471	.0070588
73	1		-.0063079	.0105278	-0.60	0.549	-.0269421	.0143264
74	1		.0175766	.0134528	1.31	0.191	-.0087906	.0439438
75	1		-.0179056	.0049091	-3.65	0.000	-.0275274	-.0082838
76	1		.0123151	.0163125	0.75	0.450	-.019657	.0442873
77	1		.0126778	.0125992	1.01	0.314	-.0120164	.037372
78	1		.0101709	.0133066	0.76	0.445	-.0159097	.0362514
79	1		.0030347	.0121316	0.25	0.802	-.0207429	.0268122
80	1		.0080813	.0161669	0.50	0.617	-.0236055	.039768
_cons			.0281496	.0044045	6.39	0.000	.019517	.0367823

```

-----
.
. /* Employed */
.
. use cps_ipums_south, clear

. keep if emp0==1
(245,092 observations deleted)

.
. generate E_to_U = unemp1==1

. generate E_to_N = nilf1==1

. generate E_to_E = emp1==1

.
. sort serial

. xtset serial
      panel variable:  serial (unbalanced)

. xtreg E_to_N i.tim i.tim#nc

Random-effects GLS regression           Number of obs   =   816,800
Group variable: serial                  Number of groups =    67,376

```

R-sq:

within = 0.0003
 between = 0.0010
 overall = 0.0004

Obs per group:

min = 1
 avg = 12.1
 max = 81

corr(u_i, X) = 0 (assumed)

Wald chi2(159) = 313.39
 Prob > chi2 = 0.0000

E_to_N	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim					
2	.0047856	.0020497	2.33	0.020	.0007682 .0088029
3	.0024754	.0020544	1.20	0.228	-.0015511 .0065019
4	.0038006	.0020517	1.85	0.064	-.0002207 .0078219
5	.0032851	.0020652	1.59	0.112	-.0007626 .0073328
6	.0067566	.0020493	3.30	0.001	.0027399 .0107732
7	.0067439	.0019848	3.40	0.001	.0028538 .010634
8	.0035711	.0019876	1.80	0.072	-.0003245 .0074668
9	.0006079	.0020027	0.30	0.761	-.0033173 .0045331
10	.0087672	.0020022	4.38	0.000	.004843 .0126915
11	.0039634	.0019871	1.99	0.046	.0000688 .007858
12	.0063688	.0019856	3.21	0.001	.0024771 .0102605
13	.0015333	.0020087	0.76	0.445	-.0024036 .0054701
14	.0068374	.0020094	3.40	0.001	.002899 .0107758
15	.0048053	.0020128	2.39	0.017	.0008603 .0087502
16	.0036856	.0020149	1.83	0.067	-.0002635 .0076347
17	.0021396	.0020248	1.06	0.291	-.0018289 .0061081
18	.0064821	.002014	3.22	0.001	.0025347 .0104294
19	.0040187	.0020182	1.99	0.046	.0000632 .0079743
20	.0039351	.0019891	1.98	0.048	.0000364 .0078337
21	.005136	.0020044	2.56	0.010	.0012074 .0090645
22	.0069672	.0019852	3.51	0.000	.0030763 .0108582
23	.0035911	.0019797	1.81	0.070	-.0002891 .0074713
24	.006133	.0019873	3.09	0.002	.0022379 .0100281
25	.0030834	.0019914	1.55	0.122	-.0008196 .0069864
26	.0077923	.0019876	3.92	0.000	.0038966 .011688
27	.007543	.0019776	3.81	0.000	.003667 .0114189
28	.005642	.0019779	2.85	0.004	.0017654 .0095186
29	.0045235	.0019883	2.28	0.023	.0006264 .0084205
30	.0072359	.001989	3.64	0.000	.0033375 .0111344
31	.0059772	.0019911	3.00	0.003	.0020747 .0098796
32	.0052149	.0020009	2.61	0.009	.0012932 .0091366
33	.0030559	.0019966	1.53	0.126	-.0008574 .0069692
34	.0061569	.0019955	3.09	0.002	.0022458 .010068
35	.002244	.0020107	1.12	0.264	-.0016969 .0061849
36	.0031916	.0020437	1.56	0.118	-.000814 .0071973
37	.0038937	.0020209	1.93	0.054	-.0000672 .0078546
38	.0041409	.0020345	2.04	0.042	.0001534 .0081284
39	.0035679	.0020243	1.76	0.078	-.0003996 .0075355
40	.0028856	.0020524	1.41	0.160	-.0011371 .0069083
41	.0022718	.0020219	1.12	0.261	-.0016911 .0062347
42	.0044765	.0020376	2.20	0.028	.0004829 .0084701
43	.0017437	.0020339	0.86	0.391	-.0022427 .0057301
44	.0035051	.0020498	1.71	0.087	-.0005125 .0075227
45	.003534	.0020436	1.73	0.084	-.0004714 .0075394
46	.0045581	.0020432	2.23	0.026	.0005535 .0085627
47	.003932	.0020521	1.92	0.055	-.0000901 .0079541
48	.0009057	.0020617	0.44	0.660	-.0031352 .0049466
49	.0033571	.0020525	1.64	0.102	-.0006657 .00738
50	.0040118	.0020581	1.95	0.051	-.000022 .0080456
51	.0055679	.0020585	2.70	0.007	.0015334 .0096024

52		.0060062	.0020575	2.92	0.004	.0019736	.0100388	
53		.0026029	.0020586	1.26	0.206	-.0014318	.0066377	
54		.0046313	.0020623	2.25	0.025	.0005892	.0086734	
55		.0063568	.0020542	3.09	0.002	.0023306	.0103829	
56		.0043919	.0020553	2.14	0.033	.0003636	.0084203	
57		.0014643	.0020603	0.71	0.477	-.0025739	.0055025	
58		.0053223	.0020516	2.59	0.009	.0013011	.0093434	
59		.0058014	.0020364	2.85	0.004	.00181	.0097927	
60		.0092037	.002014	4.57	0.000	.0052563	.0131511	
61		.0041322	.0020183	2.05	0.041	.0001765	.008088	
62		.0084012	.0020308	4.14	0.000	.004421	.0123815	
63		.0063982	.0020313	3.15	0.002	.0024168	.0103796	
64		.0078518	.0020258	3.88	0.000	.0038813	.0118222	
65		.0089788	.0020311	4.42	0.000	.0049979	.0129598	
66		.0077956	.0020379	3.83	0.000	.0038015	.0117898	
67		.0057457	.0020203	2.84	0.004	.001786	.0097054	
68		.0104778	.0020179	5.19	0.000	.0065228	.0144328	
69		.0068404	.0020121	3.40	0.001	.0028967	.0107841	
70		.0106676	.0020311	5.25	0.000	.0066867	.0146486	
71		.007188	.0020259	3.55	0.000	.0032173	.0111586	
72		.0075245	.002026	3.71	0.000	.0035537	.0114953	
73		.0078716	.0020343	3.87	0.000	.0038845	.0118586	
74		.0085612	.0020345	4.21	0.000	.0045737	.0125487	
75		.0058182	.0020399	2.85	0.004	.00182	.0098164	
76		.0084232	.0020474	4.11	0.000	.0044104	.0124359	
77		.0078397	.0020678	3.79	0.000	.0037869	.0118925	
78		.0093349	.0020632	4.52	0.000	.005291	.0133787	
79		.0047588	.0020661	2.30	0.021	.0007094	.0088083	
80		.0077076	.0022995	3.35	0.001	.0032006	.0122146	
tim#nc								
1	1		.0009893	.0035911	0.28	0.783	-.0060492	.0080278
2	1		-.0042886	.0036755	-1.17	0.243	-.0114925	.0029153
3	1		-.0092911	.0037321	-2.49	0.013	-.0166058	-.0019764
4	1		.0036248	.0037265	0.97	0.331	-.003679	.0109285
5	1		.0022449	.003738	0.60	0.548	-.0050815	.0095713
6	1		-.0025262	.0038537	-0.66	0.512	-.0100792	.0050269
7	1		-.007176	.0037628	-1.91	0.057	-.0145509	.000199
8	1		.0032453	.0036947	0.88	0.380	-.0039962	.0104867
9	1		.0021253	.003894	0.55	0.585	-.0055068	.0097574
10	1		-.0066204	.0038311	-1.73	0.084	-.0141293	.0008885
11	1		.0037758	.0038209	0.99	0.323	-.0037131	.0112647
12	1		-.0038638	.0037868	-1.02	0.308	-.0112857	.0035581
13	1		-.0003539	.0038046	-0.09	0.926	-.0078107	.0071029
14	1		-.000222	.0038562	-0.06	0.954	-.00778	.0073359
15	1		.0027146	.003817	0.71	0.477	-.0047665	.0101958
16	1		-.0025794	.0038807	-0.66	0.506	-.0101854	.0050265
17	1		-.0009392	.0038968	-0.24	0.810	-.0085768	.0066983
18	1		-.0019517	.0039325	-0.50	0.620	-.0096592	.0057559
19	1		.0008879	.0038348	0.23	0.817	-.0066283	.008404
20	1		-.0015901	.0038456	-0.41	0.679	-.0091274	.0059471
21	1		-.0030309	.0039061	-0.78	0.438	-.0106867	.0046249
22	1		-.0033184	.003981	-0.83	0.405	-.0111211	.0044843
23	1		.0048177	.0039892	1.21	0.227	-.003001	.0126364
24	1		-.003341	.0038924	-0.86	0.391	-.0109699	.0042878
25	1		-.0019622	.0040539	-0.48	0.628	-.0099077	.0059833
26	1		-.0046738	.0040083	-1.17	0.244	-.0125299	.0031823
27	1		-.0043523	.0039294	-1.11	0.268	-.0120539	.0033493
28	1		-.0037433	.0040444	-0.93	0.355	-.0116702	.0041836
29	1		.0078261	.0041705	1.88	0.061	-.0003479	.016
30	1		-.0069711	.0040456	-1.72	0.085	-.0149003	.0009581
31	1		-.004127	.0040452	-1.02	0.308	-.0120553	.0038014
32	1		-.0037742	.0040981	-0.92	0.357	-.0118063	.0042579

33	1		.0021492	.0041446	0.52	0.604	-.0059741	.0102724
34	1		-.0037223	.0040233	-0.93	0.355	-.0116078	.0041632
35	1		.0130821	.0040492	3.23	0.001	.0051459	.0210183
36	1		.0088003	.0042341	2.08	0.038	.0005016	.0170991
37	1		-.0021444	.0041456	-0.52	0.605	-.0102695	.0059808
38	1		-.0012428	.0041879	-0.30	0.767	-.009451	.0069654
39	1		.0004948	.0042166	0.12	0.907	-.0077696	.0087592
40	1		.0012529	.0042383	0.30	0.768	-.007054	.0095599
41	1		-.0056515	.0041263	-1.37	0.171	-.0137389	.0024359
42	1		.0006311	.004241	0.15	0.882	-.0076811	.0089433
43	1		-.0070572	.0042642	-1.65	0.098	-.0154148	.0013005
44	1		-.0021799	.0043267	-0.50	0.614	-.0106601	.0063003
45	1		-.0018802	.0043667	-0.43	0.667	-.0104387	.0066783
46	1		-.0025975	.0042889	-0.61	0.545	-.0110037	.0058087
47	1		.0069698	.0042898	1.62	0.104	-.001438	.0153777
48	1		.0041561	.0044403	0.94	0.349	-.0045468	.012859
49	1		-.0038383	.0043315	-0.89	0.376	-.0123279	.0046513
50	1		.0019899	.0042525	0.47	0.640	-.0063449	.0103247
51	1		.0002824	.004238	0.07	0.947	-.0080239	.0085887
52	1		.0002882	.0041976	0.07	0.945	-.0079389	.0085153
53	1		.001924	.004381	0.44	0.661	-.0066626	.0105106
54	1		-.0046586	.0042711	-1.09	0.275	-.0130299	.0037126
55	1		.0029189	.0042311	0.69	0.490	-.0053739	.0112116
56	1		.0033288	.0042479	0.78	0.433	-.0049969	.0116545
57	1		.0095905	.0043057	2.23	0.026	.0011515	.0180295
58	1		.0036261	.004276	0.85	0.396	-.0047548	.0120069
59	1		.0032604	.0042048	0.78	0.438	-.0049808	.0115016
60	1		-.0018631	.004194	-0.44	0.657	-.0100831	.0063569
61	1		.0037049	.0041644	0.89	0.374	-.0044571	.011867
62	1		-.0019552	.0041988	-0.47	0.641	-.0101848	.0062743
63	1		.0026393	.0041309	0.64	0.523	-.0054571	.0107358
64	1		.0054692	.0040824	1.34	0.180	-.0025322	.0134706
65	1		-.0078977	.0041722	-1.89	0.058	-.016075	.0002796
66	1		.0044296	.0040684	1.09	0.276	-.0035443	.0124035
67	1		.0021135	.0040958	0.52	0.606	-.0059141	.010141
68	1		.0035312	.0040192	0.88	0.380	-.0043464	.0114087
69	1		-.0021063	.004105	-0.51	0.608	-.010152	.0059395
70	1		-.007329	.0042362	-1.73	0.084	-.0156319	.0009739
71	1		.0015445	.0042453	0.36	0.716	-.0067762	.0098651
72	1		-.0019214	.0041981	-0.46	0.647	-.0101495	.0063067
73	1		-.005641	.0042101	-1.34	0.180	-.0138926	.0026107
74	1		.003475	.0042329	0.82	0.412	-.0048214	.0117714
75	1		-.0010126	.0042112	-0.24	0.810	-.0092665	.0072413
76	1		.0013087	.0041284	0.32	0.751	-.0067828	.0094001
77	1		-.0039562	.0042184	-0.94	0.348	-.0122243	.0043118
78	1		-.0051198	.0042517	-1.20	0.229	-.013453	.0032134
79	1		.0044909	.0043084	1.04	0.297	-.0039535	.0129353
80	1		-.0046069	.0051104	-0.90	0.367	-.014623	.0054093
_cons			.0133134	.0014431	9.23	0.000	.010485	.0161419

sigma_u			0					
sigma_e			.13449798					
rho			0	(fraction of variance due to u_i)				

. xtreg E_to_U i.tim i.tim#nc

Random-effects GLS regression
Group variable: serial

Number of obs = 816,800
Number of groups = 67,376

R-sq:
within = 0.0007

Obs per group:
min = 1

between = 0.0011
 overall = 0.0008

avg = 12.1
 max = 81

corr(u_i, X) = 0 (assumed) Wald chi2(159) = 621.29
 Prob > chi2 = 0.0000

E_to_U	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
tim					
2	.0030528	.0015508	1.97	0.049	.0000132 .0060924
3	.0018958	.0015542	1.22	0.223	-.0011503 .0049419
4	.00181	.001552	1.17	0.244	-.0012319 .0048519
5	.0031158	.0015626	1.99	0.046	.000053 .0061785
6	.0032485	.0015522	2.09	0.036	.0002063 .0062907
7	.0055593	.0015024	3.70	0.000	.0026148 .0085039
8	.0045657	.0015052	3.03	0.002	.0016156 .0075158
9	.0046776	.0015159	3.09	0.002	.0017064 .0076487
10	.002824	.001516	1.86	0.062	-.0001473 .0057953
11	.0040926	.0015043	2.72	0.007	.0011443 .0070409
12	.0063459	.0015036	4.22	0.000	.0033988 .009293
13	.0035973	.0015209	2.37	0.018	.0006164 .0065783
14	.0028357	.0015213	1.86	0.062	-.000146 .0058174
15	.0024813	.0015234	1.63	0.103	-.0005045 .005467
16	.0042318	.0015254	2.77	0.006	.001242 .0072216
17	.0021359	.0015328	1.39	0.163	-.0008683 .0051402
18	.0033412	.0015243	2.19	0.028	.0003536 .0063288
19	.0045965	.0015274	3.01	0.003	.0016029 .0075902
20	.0019815	.0015059	1.32	0.188	-.0009701 .0049331
21	.0041741	.0015171	2.75	0.006	.0012006 .0071476
22	.0026581	.0015036	1.77	0.077	-.0002889 .005605
23	.0037376	.0014982	2.49	0.013	.0008012 .0066741
24	.0021405	.0015042	1.42	0.155	-.0008076 .0050887
25	.0019738	.0015075	1.31	0.190	-.0009807 .0049284
26	.0043443	.0015047	2.89	0.004	.0013952 .0072934
27	.0025156	.0014969	1.68	0.093	-.0004182 .0054494
28	.0036465	.0014976	2.43	0.015	.0007113 .0065817
29	.0005023	.0015062	0.33	0.739	-.0024497 .0034544
30	.0017189	.0015068	1.14	0.254	-.0012343 .0046721
31	.0018736	.0015071	1.24	0.214	-.0010803 .0048275
32	.0018816	.0015147	1.24	0.214	-.0010871 .0048503
33	.0030257	.0015125	2.00	0.045	.0000612 .0059902
34	.005248	.0015119	3.47	0.001	.0022847 .0082114
35	.0064308	.001523	4.22	0.000	.0034458 .0094158
36	.0127966	.0015469	8.27	0.000	.0097647 .0158284
37	.0090027	.0015296	5.89	0.000	.0060046 .0120007
38	.0069172	.001541	4.49	0.000	.0038969 .0099375
39	.0079538	.0015321	5.19	0.000	.0049509 .0109566
40	.0078482	.0015537	5.05	0.000	.0048031 .0108934
41	.0072188	.0015305	4.72	0.000	.0042191 .0102184
42	.0084485	.0015421	5.48	0.000	.0054261 .011471
43	.006083	.0015391	3.95	0.000	.0030666 .0090995
44	.0084632	.0015515	5.46	0.000	.0054224 .011504
45	.0034751	.0015478	2.25	0.025	.0004415 .0065087
46	.0085846	.0015475	5.55	0.000	.0055515 .0116177
47	.0042127	.0015543	2.71	0.007	.0011663 .0072591
48	.0062996	.0015613	4.03	0.000	.0032395 .0093597
49	.0047934	.0015545	3.08	0.002	.0017466 .0078403
50	.0077508	.0015585	4.97	0.000	.0046962 .0108055
51	.0049573	.001559	3.18	0.001	.0019017 .0080129
52	.004823	.0015579	3.10	0.002	.0017696 .0078764
53	.0034009	.001559	2.18	0.029	.0003453 .0064565
54	.0086295	.0015618	5.53	0.000	.0055684 .0116905

55		.0064285	.0015556	4.13	0.000	.0033795	.0094775	
56		.0038165	.0015566	2.45	0.014	.0007657	.0068673	
57		.0038274	.0015605	2.45	0.014	.0007689	.006886	
58		.0056407	.0015538	3.63	0.000	.0025953	.0086861	
59		.0029222	.0015425	1.89	0.058	-.0001011	.0059454	
60		.0054432	.0015259	3.57	0.000	.0024525	.008434	
61		.0024531	.0015289	1.60	0.109	-.0005435	.0054498	
62		.0031767	.001538	2.07	0.039	.0001622	.0061912	
63		.0041727	.0015388	2.71	0.007	.0011568	.0071886	
64		.0036468	.0015343	2.38	0.017	.0006396	.006654	
65		.0025939	.0015384	1.69	0.092	-.0004212	.0056091	
66		.0038539	.0015435	2.50	0.013	.0008286	.0068792	
67		.0017231	.0015301	1.13	0.260	-.0012758	.004722	
68		.0039662	.0015285	2.59	0.009	.0009704	.006962	
69		.0029773	.0015245	1.95	0.051	-.0000107	.0059653	
70		.0032766	.0015386	2.13	0.033	.000261	.0062922	
71		.0018487	.0015337	1.21	0.228	-.0011573	.0048547	
72		.0032253	.0015342	2.10	0.036	.0002183	.0062324	
73		.0024519	.0015406	1.59	0.111	-.0005675	.0054713	
74		.0004454	.0015409	0.29	0.773	-.0025746	.0034655	
75		.0009065	.0015453	0.59	0.557	-.0021222	.0039352	
76		.0018756	.0015507	1.21	0.226	-.0011637	.0049149	
77		-.0007652	.0015661	-0.49	0.625	-.0038347	.0023043	
78		-.0002389	.0015628	-0.15	0.879	-.0033018	.0028241	
79		.0010924	.0015651	0.70	0.485	-.0019751	.0041599	
80		.0001757	.0017408	0.10	0.920	-.0032362	.0035876	
tim#nc								
1	1		.001366	.0027207	0.50	0.616	-.0039665	.0066985
2	1		-.0018751	.0027849	-0.67	0.501	-.0073335	.0035832
3	1		.0047563	.0028271	1.68	0.092	-.0007847	.0102973
4	1		.0027104	.0028224	0.96	0.337	-.0028213	.0082422
5	1		.0027684	.0028349	0.98	0.329	-.0027878	.0083246
6	1		.007539	.0029185	2.58	0.010	.0018189	.0132591
7	1		-.00331	.002847	-1.16	0.245	-.00889	.0022699
8	1		.0120169	.0027975	4.30	0.000	.0065339	.0174999
9	1		.0086907	.0029454	2.95	0.003	.0029178	.0144637
10	1		.00649	.0028989	2.24	0.025	.0008082	.0121718
11	1		.0009951	.0028901	0.34	0.731	-.0046694	.0066597
12	1		.0033479	.0028665	1.17	0.243	-.0022702	.0089661
13	1		.0003992	.0028799	0.14	0.890	-.0052452	.0060436
14	1		.0041453	.0029179	1.42	0.155	-.0015736	.0098642
15	1		.0059125	.0028878	2.05	0.041	.0002524	.0115725
16	1		.0037673	.0029378	1.28	0.200	-.0019906	.0095253
17	1		.0040126	.002949	1.36	0.174	-.0017674	.0097925
18	1		-.0014134	.0029748	-0.48	0.635	-.0072439	.0044171
19	1		-.0047677	.0029043	-1.64	0.101	-.0104601	.0009247
20	1		.0022482	.0029123	0.77	0.440	-.0034597	.0079561
21	1		.0038668	.0029556	1.31	0.191	-.001926	.0096597
22	1		.0029405	.0030172	0.97	0.330	-.0029732	.0088542
23	1		-.0040912	.0030183	-1.36	0.175	-.010007	.0018247
24	1		-.0026385	.0029448	-0.90	0.370	-.0084102	.0031332
25	1		-.0033126	.0030689	-1.08	0.280	-.0093275	.0027023
26	1		-.0011597	.0030334	-0.38	0.702	-.007105	.0047856
27	1		-.0035194	.0029751	-1.18	0.237	-.0093504	.0023117
28	1		.0046596	.003062	1.52	0.128	-.0013417	.010661
29	1		-.0012323	.0031596	-0.39	0.697	-.0074249	.0049604
30	1		.0025434	.0030682	0.83	0.407	-.0034701	.0085569
31	1		-.0025783	.0030614	-0.84	0.400	-.0085787	.003422
32	1		.0007787	.0031026	0.25	0.802	-.0053023	.0068596
33	1		.0082849	.0031392	2.64	0.008	.0021321	.0144378
34	1		-.0016475	.0030503	-0.54	0.589	-.007626	.004331
35	1		-.0014964	.0030666	-0.49	0.626	-.0075068	.004514


```

36 1 | -.0035596 .0032014 -1.11 0.266 -.0098343 .0027151
37 1 | .0036889 .0031363 1.18 0.240 -.002458 .0098359
38 1 | .0047003 .0031726 1.48 0.138 -.0015179 .0109186
39 1 | -.0008723 .0031897 -0.27 0.784 -.007124 .0053794
40 1 | .0026633 .003206 0.83 0.406 -.0036203 .008947
41 1 | -.0001825 .0031206 -0.06 0.953 -.0062988 .0059339
42 1 | -.0022908 .0032076 -0.71 0.475 -.0085776 .003996
43 1 | .0064583 .0032254 2.00 0.045 .0001367 .0127799
44 1 | .0063795 .0032718 1.95 0.051 -.0000332 .0127922
45 1 | .0121484 .003306 3.67 0.000 .0056688 .0186281
46 1 | -.0029983 .003249 -0.92 0.356 -.0093662 .0033695
47 1 | .0143902 .003249 4.43 0.000 .0080223 .0207581
48 1 | .0045722 .0033629 1.36 0.174 -.0020189 .0111633
49 1 | .0011455 .0032812 0.35 0.727 -.0052854 .0075765
50 1 | .0055149 .0032215 1.71 0.087 -.000799 .0118289
51 1 | -.0013439 .0032112 -0.42 0.676 -.0076377 .0049498
52 1 | .0036281 .0031795 1.14 0.254 -.0026036 .0098598
53 1 | -.0016113 .003317 -0.49 0.627 -.0081124 .0048899
54 1 | -.0088007 .003235 -2.72 0.007 -.0151412 -.0024602
55 1 | -.0028557 .0032063 -0.89 0.373 -.00914 .0034286
56 1 | -.0020286 .0032181 -0.63 0.528 -.008336 .0042788
57 1 | .0000281 .0032616 0.01 0.993 -.0063645 .0064206
58 1 | -.0084656 .0032404 -2.61 0.009 -.0148166 -.0021145
59 1 | .0026252 .0031858 0.82 0.410 -.0036188 .0088691
60 1 | -.0032772 .0031798 -1.03 0.303 -.0095094 .002955
61 1 | .0038323 .0031569 1.21 0.225 -.0023551 .0100198
62 1 | .0018282 .0031796 0.57 0.565 -.0044038 .0080601
63 1 | .0068613 .003129 2.19 0.028 .0007285 .0129941
64 1 | -.0011621 .0030926 -0.38 0.707 -.0072235 .0048994
65 1 | -.0034367 .0031615 -1.09 0.277 -.0096332 .0027597
66 1 | .0003717 .003082 0.12 0.904 -.0056689 .0064123
67 1 | -.0011304 .0031036 -0.36 0.716 -.0072133 .0049525
68 1 | -.0014422 .0030472 -0.47 0.636 -.0074146 .0045302
69 1 | -.0038946 .0031107 -1.25 0.211 -.0099915 .0022022
70 1 | -.0014531 .0032094 -0.45 0.651 -.0077434 .0048372
71 1 | .0011631 .0032152 0.36 0.718 -.0051386 .0074649
72 1 | .0033301 .0031839 1.05 0.296 -.0029102 .0095704
73 1 | -.0010015 .0031942 -0.31 0.754 -.007262 .0052591
74 1 | -.0006819 .003213 -0.21 0.832 -.0069793 .0056154
75 1 | .0073069 .0031998 2.28 0.022 .0010354 .0135785
76 1 | -.0025877 .0031377 -0.82 0.410 -.0087376 .0035621
77 1 | .0047367 .0032063 1.48 0.140 -.0015476 .011021
78 1 | .0018386 .0032293 0.57 0.569 -.0044907 .008168
79 1 | -.0019075 .0032739 -0.58 0.560 -.0083242 .0045092
80 1 | .0061595 .0038766 1.59 0.112 -.0014386 .0137576
|
_cons | .006312 .0010941 5.77 0.000 .0041676 .0084564
-----+-----
sigma_u | .01332536
sigma_e | .10122082
rho | .01703555 (fraction of variance due to u_i)
-----+-----

```

```
. xtreg E_to_E i.tim i.tim#nc
```

```
Random-effects GLS regression      Number of obs   =   816,800
Group variable: serial             Number of groups =    67,376
```

```
R-sq:                               Obs per group:
within = 0.0004                      min =           1
between = 0.0009                      avg =          12.1
overall = 0.0004                      max =           81
```

corr(u_i, X) = 0 (assumed)

Wald chi2(159) = 336.23
Prob > chi2 = 0.0000

E_to_E	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
tim						
2	-.0080521	.0025591	-3.15	0.002	-.0130679	-.0030363
3	-.0042992	.002565	-1.68	0.094	-.0093265	.0007281
4	-.0055813	.0025616	-2.18	0.029	-.0106019	-.0005606
5	-.0063654	.0025785	-2.47	0.014	-.0114191	-.0013118
6	-.0098996	.0025587	-3.87	0.000	-.0149145	-.0048847
7	-.0122772	.0024781	-4.95	0.000	-.0171342	-.0074203
8	-.0080454	.0024816	-3.24	0.001	-.0129092	-.0031815
9	-.0053306	.0025004	-2.13	0.033	-.0102314	-.0004298
10	-.0116733	.0024998	-4.67	0.000	-.0165728	-.0067738
11	-.0081166	.002481	-3.27	0.001	-.0129792	-.0032541
12	-.0125383	.0024791	-5.06	0.000	-.0173972	-.0076793
13	-.0049967	.0025079	-1.99	0.046	-.009912	-.0000814
14	-.0095627	.0025088	-3.81	0.000	-.01448	-.0046455
15	-.0072684	.002513	-2.89	0.004	-.0121938	-.002343
16	-.0077135	.0025157	-3.07	0.002	-.0126441	-.0027829
17	-.004158	.002528	-1.64	0.100	-.0091128	.0007969
18	-.0097291	.0025145	-3.87	0.000	-.0146575	-.0048007
19	-.0085562	.0025198	-3.40	0.001	-.0134948	-.0036176
20	-.0058624	.0024835	-2.36	0.018	-.01073	-.0009949
21	-.009685	.0025026	-3.87	0.000	-.0145899	-.0047801
22	-.0094389	.0024786	-3.81	0.000	-.0142969	-.0045809
23	-.007779	.0024717	-3.15	0.002	-.0126235	-.0029345
24	-.0082339	.0024813	-3.32	0.001	-.0130971	-.0033707
25	-.0050512	.0024863	-2.03	0.042	-.0099243	-.0001781
26	-.0122665	.0024816	-4.94	0.000	-.0171304	-.0074026
27	-.0101698	.0024691	-4.12	0.000	-.0150091	-.0053305
28	-.0090819	.0024695	-3.68	0.000	-.013922	-.0042418
29	-.0053018	.0024825	-2.14	0.033	-.0101674	-.0004363
30	-.008955	.0024834	-3.61	0.000	-.0138223	-.0040877
31	-.0083545	.0024859	-3.36	0.001	-.0132269	-.0034822
32	-.007143	.0024982	-2.86	0.004	-.0120394	-.0022466
33	-.0062726	.0024929	-2.52	0.012	-.0111585	-.0013867
34	-.0117577	.0024914	-4.72	0.000	-.0166408	-.0068746
35	-.0085586	.0025104	-3.41	0.001	-.0134789	-.0036383
36	-.0158094	.0025517	-6.20	0.000	-.0208106	-.0108083
37	-.0125735	.0025231	-4.98	0.000	-.0175187	-.0076282
38	-.0109731	.0025401	-4.32	0.000	-.0159517	-.0059946
39	-.0116861	.0025274	-4.62	0.000	-.0166398	-.0067325
40	-.010782	.0025625	-4.21	0.000	-.0158045	-.0057595
41	-.0091045	.0025244	-3.61	0.000	-.0140523	-.0041567
42	-.0129876	.002544	-5.11	0.000	-.0179737	-.0080014
43	-.0075419	.0025394	-2.97	0.003	-.012519	-.0025647
44	-.0121465	.0025593	-4.75	0.000	-.0171626	-.0071304
45	-.0070313	.0025515	-2.76	0.006	-.0120322	-.0020304
46	-.0134664	.002551	-5.28	0.000	-.0184663	-.0084665
47	-.0081831	.0025622	-3.19	0.001	-.0132048	-.0031614
48	-.0070295	.0025741	-2.73	0.006	-.0120747	-.0019844
49	-.0077332	.0025626	-3.02	0.003	-.0127559	-.0027106
50	-.0113538	.0025696	-4.42	0.000	-.0163901	-.0063175
51	-.0106636	.0025701	-4.15	0.000	-.0157008	-.0056263
52	-.0109613	.0025688	-4.27	0.000	-.0159961	-.0059264
53	-.0060384	.0025702	-2.35	0.019	-.011076	-.0010009
54	-.0130433	.0025749	-5.07	0.000	-.01809	-.0079966
55	-.0125357	.0025647	-4.89	0.000	-.0175625	-.0075088
56	-.0081191	.0025661	-3.16	0.002	-.0131486	-.0030896
57	-.0051714	.0025724	-2.01	0.044	-.0102132	-.0001296

58		-.0112042	.0025615	-4.37	0.000	-.0162247	-.0061836
59		-.008703	.0025426	-3.42	0.001	-.0136864	-.0037197
60		-.0147361	.0025146	-5.86	0.000	-.0196647	-.0098076
61		-.0065874	.0025199	-2.61	0.009	-.0115263	-.0016486
62		-.0117603	.0025355	-4.64	0.000	-.0167298	-.0067908
63		-.0105569	.0025362	-4.16	0.000	-.0155277	-.005586
64		-.011781	.0025293	-4.66	0.000	-.0167383	-.0068237
65		-.0115565	.0025359	-4.56	0.000	-.0165268	-.0065861
66		-.0118653	.0025444	-4.66	0.000	-.0168521	-.0068784
67		-.0077969	.0025224	-3.09	0.002	-.0127407	-.0028531
68		-.0145707	.0025194	-5.78	0.000	-.0195086	-.0096327
69		-.009942	.0025122	-3.96	0.000	-.0148658	-.0050182
70		-.0145963	.0025359	-5.76	0.000	-.0195666	-.009626
71		-.0088911	.0025294	-3.52	0.000	-.0138487	-.0039336
72		-.0106773	.0025295	-4.22	0.000	-.0156349	-.0057196
73		-.0102794	.0025398	-4.05	0.000	-.0152574	-.0053015
74		-.0093864	.0025401	-3.70	0.000	-.0143649	-.0044078
75		-.0068372	.0025469	-2.68	0.007	-.0118291	-.0018454
76		-.0101342	.0025562	-3.96	0.000	-.0151442	-.0051241
77		-.0069789	.0025817	-2.70	0.007	-.012039	-.0019188
78		-.0089043	.002576	-3.46	0.001	-.0139532	-.0038555
79		-.0056868	.0025796	-2.20	0.027	-.0107426	-.0006309
80		-.0078782	.002871	-2.74	0.006	-.0135054	-.0022511
tim#nc							
1	1	-.0021947	.0044836	-0.49	0.624	-.0109824	.0065931
2	1	.0065641	.004589	1.43	0.153	-.0024301	.0155584
3	1	.0046614	.0046596	1.00	0.317	-.0044712	.013794
4	1	-.0063197	.0046526	-1.36	0.174	-.0154387	.0027993
5	1	-.0049683	.004667	-1.06	0.287	-.0141155	.0041789
6	1	-.0053328	.0048114	-1.11	0.268	-.014763	.0040975
7	1	.0111157	.004698	2.37	0.018	.0019078	.0203235
8	1	-.0162551	.0046129	-3.52	0.000	-.0252963	-.0072139
9	1	-.0105544	.0048618	-2.17	0.030	-.0200833	-.0010254
10	1	.0006081	.0047833	0.13	0.899	-.008767	.0099832
11	1	-.0043087	.0047705	-0.90	0.366	-.0136588	.0050414
12	1	.0007568	.0047279	0.16	0.873	-.0085097	.0100233
13	1	-.0006828	.0047501	-0.14	0.886	-.0099928	.0086273
14	1	-.0033221	.0048145	-0.69	0.490	-.0127584	.0061142
15	1	-.0082929	.0047656	-1.74	0.082	-.0176334	.0010476
16	1	-.0019913	.0048451	-0.41	0.681	-.0114876	.007505
17	1	-.0028372	.0048653	-0.58	0.560	-.0123729	.0066986
18	1	.0035622	.0049098	0.73	0.468	-.0060609	.0131853
19	1	.0038846	.0047879	0.81	0.417	-.0054996	.0132688
20	1	-.0006167	.0048014	-0.13	0.898	-.0100272	.0087938
21	1	-.0005624	.0048769	-0.12	0.908	-.0101209	.0089961
22	1	-4.11e-06	.0049705	-0.00	0.999	-.009746	.0097378
23	1	-.0002943	.0049806	-0.06	0.953	-.0100561	.0094676
24	1	.0061274	.0048597	1.26	0.207	-.0033975	.0156523
25	1	.0056604	.0050614	1.12	0.263	-.0042598	.0155806
26	1	.0063003	.0050045	1.26	0.208	-.0035082	.0161089
27	1	.0082698	.004906	1.69	0.092	-.0013459	.0178854
28	1	-.0014871	.0050496	-0.29	0.768	-.011384	.0084099
29	1	-.0056383	.005207	-1.08	0.279	-.0158438	.0045671
30	1	.0048487	.005051	0.96	0.337	-.0050511	.0147486
31	1	.0066616	.0050505	1.32	0.187	-.0032372	.0165604
32	1	.0032279	.0051166	0.63	0.528	-.0068004	.0132562
33	1	-.0100673	.0051747	-1.95	0.052	-.0202094	.0000749
34	1	.0064163	.0050232	1.28	0.201	-.0034291	.0162616
35	1	-.0121588	.0050555	-2.41	0.016	-.0220674	-.0022502
36	1	-.0053474	.0052864	-1.01	0.312	-.0157086	.0050138
37	1	-.0027176	.0051759	-0.53	0.600	-.0128621	.0074269
38	1	-.0058609	.0052288	-1.12	0.262	-.0161091	.0043873

39	1		.0011332	.0052646	0.22	0.830	-.0091852	.0114516
40	1		-.003394	.0052917	-0.64	0.521	-.0137655	.0069775
41	1		.0057811	.0051518	1.12	0.262	-.0043164	.0158785
42	1		.0021412	.005295	0.40	0.686	-.0082368	.0125193
43	1		.0007306	.005324	0.14	0.891	-.0097042	.0111654
44	1		-.0036797	.0054021	-0.68	0.496	-.0142676	.0069081
45	1		-.009596	.0054519	-1.76	0.078	-.0202816	.0010896
46	1		.0054692	.0053549	1.02	0.307	-.0050262	.0159645
47	1		-.0212889	.005356	-3.97	0.000	-.0317864	-.0107914
48	1		-.0108327	.0055439	-1.95	0.051	-.0216985	.0000332
49	1		.0028407	.005408	0.53	0.599	-.0077588	.0134402
50	1		-.0074212	.0053094	-1.40	0.162	-.0178274	.0029851
51	1		.0017733	.0052913	0.34	0.738	-.0085974	.012144
52	1		-.003284	.0052408	-0.63	0.531	-.0135558	.0069879
53	1		-.0003973	.0054698	-0.07	0.942	-.0111179	.0103233
54	1		.0134124	.0053327	2.52	0.012	.0029606	.0238642
55	1		.0002451	.0052826	0.05	0.963	-.0101087	.0105988
56	1		-.0009475	.0053036	-0.18	0.858	-.0113424	.0094474
57	1		-.0110743	.0053758	-2.06	0.039	-.0216106	-.0005379
58	1		.0052359	.0053388	0.98	0.327	-.0052279	.0156996
59	1		-.0067256	.0052498	-1.28	0.200	-.0170149	.0035638
60	1		.0018893	.0052363	0.36	0.718	-.0083736	.0121522
61	1		-.0073981	.0051994	-1.42	0.155	-.0175887	.0027925
62	1		.0006878	.0052424	0.13	0.896	-.009587	.0109627
63	1		-.0093228	.0051576	-1.81	0.071	-.0194316	.0007859
64	1		-.0038761	.0050971	-0.76	0.447	-.0138662	.0061139
65	1		.0119368	.0052091	2.29	0.022	.0017272	.0221465
66	1		-.0041931	.0050795	-0.83	0.409	-.0141488	.0057625
67	1		-.000035	.0051137	-0.01	0.995	-.0100576	.0099876
68	1		-.0014834	.0050181	-0.30	0.768	-.0113188	.008352
69	1		.0060074	.0051253	1.17	0.241	-.004038	.0160528
70	1		.0090354	.0052891	1.71	0.088	-.001331	.0194018
71	1		-.0021177	.0053004	-0.40	0.690	-.0125063	.008271
72	1		-.0012816	.0052415	-0.24	0.807	-.0115547	.0089914
73	1		.0050916	.0052565	0.97	0.333	-.0052108	.0153941
74	1		-.0022268	.005285	-0.42	0.674	-.0125851	.0081315
75	1		-.0069571	.0052579	-1.32	0.186	-.0172623	.0033482
76	1		.001183	.0051544	0.23	0.818	-.0089195	.0112854
77	1		-.0006808	.0052669	-0.13	0.897	-.0110036	.0096421
78	1		.0033434	.0053084	0.63	0.529	-.0070609	.0137478
79	1		-.0024362	.0053792	-0.45	0.651	-.0129793	.0081069
80	1		-.0013068	.0063805	-0.20	0.838	-.0138123	.0111987
_cons			.9801446	.0018018	543.99	0.000	.9766132	.983676

sigma_u			0					
sigma_e			.16788752					
rho			0	(fraction of variance due to u_i)				

```

.
.
.   /* Survey weights */
. svyset [iw=wtfinl]

      iweight: wtfinl
      VCE: linearized
Single unit: missing
Strata 1: <one>
      SU 1: <observations>
      FPC 1: <zero>

. summarize E_to_N

```

Variable	Obs	Mean	Std. Dev.	Min	Max
E_to_N	816,800	.0184905	.1347167	0	1

```
. summarize E_to_N [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
E_to_N	816,800	2.3262e+09	.0184908	.1347179	0	1

```
. summarize E_to_E
```

Variable	Obs	Mean	Std. Dev.	Min	Max
E_to_E	816,800	.9708595	.1682005	0	1

```
. summarize E_to_E [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
E_to_E	816,800	2.3262e+09	.9705905	.1689517	0	1

```
. summarize E_to_U
```

Variable	Obs	Mean	Std. Dev.	Min	Max
E_to_U	816,800	.0104028	.1014622	0	1

```
. summarize E_to_U [weight=wtfinl]
(analytic weights assumed)
```

Variable	Obs	Weight	Mean	Std. Dev.	Min	Max
E_to_U	816,800	2.3262e+09	.0106558	.1026756	0	1

```
.
.
. svy:regress E_to_N i.tim i.tim#nc
(running regress on estimation sample)
```

Survey: Linear regression

Number of strata	=	1	Number of obs	=	816,800
Number of PSUs	=	816,800	Population size	=	2,326,211,643
			Design df	=	816,799
			F(159, 816641)	=	1.87
			Prob > F	=	0.0000
			R-squared	=	0.0004

	E_to_N	Linearized				[95% Conf. Interval]	
		Coef.	Std. Err.	t	P> t		
	tim						
2		.0038712	.0020135	1.92	0.055	-.0000752	.0078176
3		.0014341	.0019313	0.74	0.458	-.0023512	.0052195
4		.002362	.001958	1.21	0.228	-.0014757	.0061997
5		.0035838	.0020683	1.73	0.083	-.0004701	.0076377
6		.0069085	.002157	3.20	0.001	.0026808	.0111361
7		.0068565	.0020536	3.34	0.001	.0028315	.0108815

8		.0030779	.001936	1.59	0.112	-.0007166	.0068723
9		.0012446	.0019635	0.63	0.526	-.0026039	.005093
10		.0090443	.0021514	4.20	0.000	.0048276	.013261
11		.0033428	.0019775	1.69	0.091	-.000533	.0072187
12		.0060016	.0020387	2.94	0.003	.0020058	.0099973
13		.0007374	.0018966	0.39	0.697	-.0029798	.0044547
14		.0064086	.0020924	3.06	0.002	.0023076	.0105096
15		.0044947	.0020136	2.23	0.026	.000548	.0084413
16		.0029988	.0019884	1.51	0.132	-.0008983	.006896
17		.0011617	.0019257	0.60	0.546	-.0026127	.004936
18		.0064959	.0020955	3.10	0.002	.0023887	.010603
19		.0045	.0020722	2.17	0.030	.0004385	.0085614
20		.0035733	.0019636	1.82	0.069	-.0002754	.0074219
21		.0045123	.0019992	2.26	0.024	.0005939	.0084307
22		.0063642	.0020083	3.17	0.002	.0024281	.0103003
23		.0021596	.0018721	1.15	0.249	-.0015096	.0058289
24		.0052972	.0019784	2.68	0.007	.0014196	.0091748
25		.0028556	.0019271	1.48	0.138	-.0009214	.0066327
26		.0076218	.0020579	3.70	0.000	.0035885	.0116551
27		.0073838	.0020353	3.63	0.000	.0033946	.0113729
28		.0058128	.0020023	2.90	0.004	.0018884	.0097373
29		.0033755	.0019224	1.76	0.079	-.0003923	.0071433
30		.006364	.0020206	3.15	0.002	.0024037	.0103243
31		.004766	.0019624	2.43	0.015	.0009198	.0086122
32		.0049124	.0020002	2.46	0.014	.0009921	.0088326
33		.0023098	.0019136	1.21	0.227	-.0014408	.0060604
34		.0052848	.0020018	2.64	0.008	.0013614	.0092083
35		.0011521	.0018953	0.61	0.543	-.0025625	.0048667
36		.0038168	.0020566	1.86	0.063	-.000214	.0078476
37		.0035711	.0019852	1.80	0.072	-.0003198	.0074621
38		.003602	.0019905	1.81	0.070	-.0002994	.0075033
39		.0035919	.0019939	1.80	0.072	-.0003161	.0074999
40		.0026007	.0019949	1.30	0.192	-.0013092	.0065106
41		.0012337	.0018943	0.65	0.515	-.002479	.0049465
42		.0037698	.0019922	1.89	0.058	-.0001348	.0076745
43		.0017674	.0019571	0.90	0.367	-.0020685	.0056033
44		.0026699	.0019842	1.35	0.178	-.0012192	.0065589
45		.0032863	.0020042	1.64	0.101	-.0006419	.0072145
46		.0037059	.0020142	1.84	0.066	-.0002419	.0076536
47		.002891	.0019834	1.46	0.145	-.0009964	.0067784
48		.0002129	.0019273	0.11	0.912	-.0035647	.0039904
49		.0026625	.0019805	1.34	0.179	-.0012192	.0065441
50		.0033965	.0020179	1.68	0.092	-.0005586	.0073516
51		.0047241	.0020515	2.30	0.021	.0007034	.0087449
52		.0055914	.0020892	2.68	0.007	.0014967	.0096862
53		.0027128	.0020016	1.36	0.175	-.0012103	.0066359
54		.0032793	.0019984	1.64	0.101	-.0006374	.0071961
55		.0058448	.0020882	2.80	0.005	.0017521	.0099375
56		.0044258	.0020583	2.15	0.032	.0003916	.0084599
57		.0010787	.0019579	0.55	0.582	-.0027587	.0049161
58		.0043087	.0020412	2.11	0.035	.000308	.0083095
59		.0046967	.0020562	2.28	0.022	.0006667	.0087267
60		.0075554	.00213	3.55	0.000	.0033807	.0117301
61		.0044142	.0020532	2.15	0.032	.00039	.0084384
62		.0066337	.0021259	3.12	0.002	.002467	.0108004
63		.0043699	.0020495	2.13	0.033	.0003531	.0083868
64		.0067805	.0021193	3.20	0.001	.0026266	.0109343
65		.0067264	.0021254	3.16	0.002	.0025606	.0108922
66		.0074337	.0021675	3.43	0.001	.0031855	.0116819
67		.004849	.0020413	2.38	0.018	.0008482	.0088498
68		.009552	.0022002	4.34	0.000	.0052398	.0138643
69		.0060448	.0020839	2.90	0.004	.0019604	.0101292
70		.009321	.0022017	4.23	0.000	.0050058	.0136363

71		.0067696	.0021266	3.18	0.001	.0026016	.0109377	
72		.0074032	.0021554	3.43	0.001	.0031787	.0116278	
73		.0072012	.0021496	3.35	0.001	.002988	.0114144	
74		.007498	.0021528	3.48	0.000	.0032786	.0117174	
75		.0046026	.0020755	2.22	0.027	.0005346	.0086705	
76		.009072	.0022662	4.00	0.000	.0046303	.0135138	
77		.0062192	.0021614	2.88	0.004	.0019829	.0104555	
78		.0093145	.0022781	4.09	0.000	.0048495	.0137796	
79		.0037332	.0020683	1.80	0.071	-.0003206	.0077869	
80		.0080125	.0025328	3.16	0.002	.0030482	.0129768	
tim#nc								
1	1		.0003251	.0032296	0.10	0.920	-.0060048	.0066551
2	1		-.0029618	.0034805	-0.85	0.395	-.0097835	.0038599
3	1		-.0079764	.0026917	-2.96	0.003	-.0132521	-.0027008
4	1		.0050841	.0041227	1.23	0.218	-.0029964	.0131645
5	1		.0021329	.0039654	0.54	0.591	-.0056391	.0099049
6	1		-.0036009	.0038197	-0.94	0.346	-.0110873	.0038855
7	1		-.0074774	.0034562	-2.16	0.031	-.0142514	-.0007034
8	1		.0042008	.0040347	1.04	0.298	-.003707	.0121086
9	1		.0012882	.0038266	0.34	0.736	-.0062119	.0087882
10	1		-.0078867	.0036032	-2.19	0.029	-.0149489	-.0008245
11	1		.0048877	.004291	1.14	0.255	-.0035225	.0132978
12	1		-.0042747	.0036063	-1.19	0.236	-.0113429	.0027934
13	1		-.0000908	.0034649	-0.03	0.979	-.0068819	.0067003
14	1		-.0004351	.0040737	-0.11	0.915	-.0084193	.0075491
15	1		.002217	.0040553	0.55	0.585	-.0057312	.0101651
16	1		-.0033993	.0033625	-1.01	0.312	-.0099897	.003191
17	1		-.0007975	.0034701	-0.23	0.818	-.0075987	.0060037
18	1		-.0024995	.0040131	-0.62	0.533	-.0103651	.005366
19	1		-.0002297	.0039246	-0.06	0.953	-.0079219	.0074624
20	1		-.0023689	.0035406	-0.67	0.503	-.0093083	.0045704
21	1		-.0027954	.0037323	-0.75	0.454	-.0101107	.0045199
22	1		-.0014827	.0043269	-0.34	0.732	-.0099633	.0069979
23	1		.0067927	.0045113	1.51	0.132	-.0020492	.0156346
24	1		-.0024255	.0038925	-0.62	0.533	-.0100547	.0052037
25	1		-.0029422	.0035328	-0.83	0.405	-.0098665	.003982
26	1		-.005099	.0039421	-1.29	0.196	-.0128253	.0026273
27	1		-.0041349	.0039469	-1.05	0.295	-.0118707	.0036008
28	1		-.0041426	.0038587	-1.07	0.283	-.0117055	.0034203
29	1		.007085	.0046464	1.52	0.127	-.0020218	.0161919
30	1		-.0070222	.0035425	-1.98	0.047	-.0139655	-.0000789
31	1		-.0031125	.0038275	-0.81	0.416	-.0106143	.0043893
32	1		-.0038804	.0038203	-1.02	0.310	-.0113681	.0036073
33	1		.0017197	.0040467	0.42	0.671	-.0062117	.0096511
34	1		-.0018799	.0041465	-0.45	0.650	-.0100069	.0062471
35	1		.0147878	.0051663	2.86	0.004	.004662	.0249136
36	1		.0094359	.0052543	1.80	0.073	-.0008623	.0197342
37	1		-.0016346	.0040193	-0.41	0.684	-.0095123	.0062431
38	1		-.0004158	.0041769	-0.10	0.921	-.0086025	.0077708
39	1		.0001766	.0042053	0.04	0.966	-.0080657	.0084189
40	1		.0002393	.0040161	0.06	0.952	-.007632	.0081107
41	1		-.0049902	.0032099	-1.55	0.120	-.0112816	.0013011
42	1		-.000044	.0041106	-0.01	0.991	-.0081006	.0080126
43	1		-.0080792	.0028997	-2.79	0.005	-.0137625	-.0023959
44	1		-.001656	.0040196	-0.41	0.680	-.0095344	.0062223
45	1		-.0022032	.0040151	-0.55	0.583	-.0100727	.0056664
46	1		-.002953	.0038438	-0.77	0.442	-.0104867	.0045807
47	1		.0071848	.004832	1.49	0.137	-.0022858	.0166555
48	1		.0045328	.0045017	1.01	0.314	-.0042903	.0133559
49	1		-.0031138	.0039016	-0.80	0.425	-.0107608	.0045333
50	1		.001651	.0042883	0.38	0.700	-.0067539	.0100559
51	1		.0003709	.00431	0.09	0.931	-.0080766	.0088184

52	1	-.000973	.0041583	-0.23	0.815	-.0091231	.007177
53	1	.001579	.0044331	0.36	0.722	-.0071098	.0102679
54	1	-.004082	.0037066	-1.10	0.271	-.0113468	.0031828
55	1	.0020232	.0045624	0.44	0.657	-.006919	.0109654
56	1	.0026257	.0045518	0.58	0.564	-.0062957	.0115471
57	1	.0107606	.0051872	2.07	0.038	.000594	.0209273
58	1	.004349	.0048878	0.89	0.374	-.005231	.013929
59	1	.0045325	.0048458	0.94	0.350	-.0049651	.0140301
60	1	-.0015522	.0043832	-0.35	0.723	-.010143	.0070387
61	1	.0038548	.0047888	0.80	0.421	-.005531	.0132407
62	1	-.0006454	.00448	-0.14	0.885	-.009426	.0081352
63	1	.0039486	.004519	0.87	0.382	-.0049085	.0128057
64	1	.008482	.0053653	1.58	0.114	-.0020337	.0189978
65	1	-.0072651	.0036641	-1.98	0.047	-.0144466	-.0000835
66	1	.0045126	.0048745	0.93	0.355	-.0050413	.0140665
67	1	.0014873	.0042964	0.35	0.729	-.0069336	.0099082
68	1	.0048677	.0050965	0.96	0.340	-.0051214	.0148567
69	1	-.0017177	.0042543	-0.40	0.686	-.0100559	.0066205
70	1	-.0037901	.0050977	-0.74	0.457	-.0137814	.0062012
71	1	.0031309	.0050606	0.62	0.536	-.0067876	.0130495
72	1	-.0022148	.0044116	-0.50	0.616	-.0108613	.0064318
73	1	-.0055993	.0040291	-1.39	0.165	-.0134962	.0022976
74	1	.0048663	.0051585	0.94	0.346	-.0052442	.0149767
75	1	-.0002036	.0043152	-0.05	0.962	-.0086613	.0082541
76	1	.000946	.0049899	0.19	0.850	-.0088341	.0107261
77	1	-.0034299	.0040909	-0.84	0.402	-.0114479	.0045881
78	1	-.0040798	.0046868	-0.87	0.384	-.0132658	.0051062
79	1	.0047879	.0048461	0.99	0.323	-.0047103	.0142862
80	1	-.0031316	.0057364	-0.55	0.585	-.0143747	.0081115
_cons		.0138457	.0013555	10.21	0.000	.011189	.0165025

. svy:regress E_to_E i.tim i.tim#nc
(running regress on estimation sample)

Survey: Linear regression

Number of strata	=	1	Number of obs	=	816,800
Number of PSUs	=	816,800	Population size	=	2,326,211,643
			Design df	=	816,799
			F(159, 816641)	=	2.10
			Prob > F	=	0.0000
			R-squared	=	0.0005

		Linearized				
E_to_E		Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
tim						
2		-.0073105	.0024772	-2.95	0.003	-.0121657 - .0024552
3		-.0034398	.0023706	-1.45	0.147	-.0080861 .0012065
4		-.0036429	.0023572	-1.55	0.122	-.008263 .0009772
5		-.0065266	.002497	-2.61	0.009	-.0114206 -.0016325
6		-.0096129	.0025484	-3.77	0.000	-.0146078 -.004618
7		-.0129409	.002539	-5.10	0.000	-.0179172 -.0079646
8		-.0080198	.002421	-3.31	0.001	-.0127649 -.0032747
9		-.0059256	.0024241	-2.44	0.015	-.0106767 -.0011746
10		-.0118033	.0025343	-4.66	0.000	-.0167706 -.0068361
11		-.0083041	.0024487	-3.39	0.001	-.0131034 -.0035048
12		-.0120956	.0025073	-4.82	0.000	-.0170099 -.0071814
13		-.0035062	.0023217	-1.51	0.131	-.0080567 .0010443
14		-.0089319	.0024811	-3.60	0.000	-.0137947 -.0040691

15		-.0076147	.0024458	-3.11	0.002	-.0124082	-.0028211
16		-.007284	.0024564	-2.97	0.003	-.0120985	-.0024695
17		-.0042303	.0024211	-1.75	0.081	-.0089755	.0005149
18		-.0099237	.002526	-3.93	0.000	-.0148746	-.0049727
19		-.0092806	.0025505	-3.64	0.000	-.0142796	-.0042817
20		-.0056578	.0023818	-2.38	0.018	-.010326	-.0009896
21		-.0100882	.0025075	-4.02	0.000	-.0150027	-.0051736
22		-.00894	.0024091	-3.71	0.000	-.0136617	-.0042183
23		-.0065252	.0023279	-2.80	0.005	-.0110877	-.0019626
24		-.0073345	.0023621	-3.11	0.002	-.0119641	-.0027049
25		-.0047107	.0023153	-2.03	0.042	-.0092486	-.0001728
26		-.0127162	.0025148	-5.06	0.000	-.0176452	-.0077872
27		-.0103591	.002435	-4.25	0.000	-.0151317	-.0055865
28		-.009139	.0024101	-3.79	0.000	-.0138627	-.0044153
29		-.0042845	.002299	-1.86	0.062	-.0087904	.0002215
30		-.0084591	.0024089	-3.51	0.000	-.0131806	-.0037377
31		-.0082345	.0024119	-3.41	0.001	-.0129617	-.0035072
32		-.0071514	.0023992	-2.98	0.003	-.0118538	-.0024489
33		-.0060605	.0023835	-2.54	0.011	-.0107321	-.0013889
34		-.0118408	.0025083	-4.72	0.000	-.0167569	-.0069246
35		-.0090703	.0024865	-3.65	0.000	-.0139437	-.0041969
36		-.0185023	.0027919	-6.63	0.000	-.0239744	-.0130303
37		-.0127186	.0025679	-4.95	0.000	-.0177517	-.0076856
38		-.0107905	.002529	-4.27	0.000	-.0157472	-.0058337
39		-.0132351	.0026063	-5.08	0.000	-.0183435	-.0081268
40		-.0116153	.0026011	-4.47	0.000	-.0167135	-.0065172
41		-.0089505	.0024658	-3.63	0.000	-.0137833	-.0041177
42		-.0121822	.0025552	-4.77	0.000	-.0171903	-.007174
43		-.0079369	.0024856	-3.19	0.001	-.0128087	-.0030652
44		-.0126545	.0026349	-4.80	0.000	-.0178189	-.0074901
45		-.0075224	.002493	-3.02	0.003	-.0124085	-.0026363
46		-.0131201	.002608	-5.03	0.000	-.0182316	-.0080085
47		-.0076287	.0024848	-3.07	0.002	-.0124989	-.0027585
48		-.0075679	.0025264	-3.00	0.003	-.0125195	-.0026163
49		-.0070503	.0024593	-2.87	0.004	-.0118705	-.0022302
50		-.0116085	.0026131	-4.44	0.000	-.0167301	-.0064868
51		-.0106653	.0025739	-4.14	0.000	-.01571	-.0056206
52		-.0109672	.0025891	-4.24	0.000	-.0160416	-.0058927
53		-.00625	.0024524	-2.55	0.011	-.0110566	-.0014433
54		-.0118045	.0025836	-4.57	0.000	-.0168683	-.0067407
55		-.0122794	.002609	-4.71	0.000	-.017393	-.0071659
56		-.0083234	.0025178	-3.31	0.001	-.0132581	-.0033887
57		-.005055	.0024422	-2.07	0.038	-.0098416	-.0002684
58		-.0105259	.0025781	-4.08	0.000	-.0155788	-.0054729
59		-.008082	.0025031	-3.23	0.001	-.0129879	-.003176
60		-.0137511	.0026326	-5.22	0.000	-.0189109	-.0085913
61		-.0067463	.002461	-2.74	0.006	-.0115698	-.0019228
62		-.0100881	.0025716	-3.92	0.000	-.0151284	-.0050478
63		-.0088049	.0025396	-3.47	0.001	-.0137825	-.0038274
64		-.0102913	.0025498	-4.04	0.000	-.0152888	-.0052938
65		-.0091421	.0025429	-3.60	0.000	-.0141262	-.0041581
66		-.011623	.0026319	-4.42	0.000	-.0167815	-.0064645
67		-.0069689	.0024542	-2.84	0.005	-.011779	-.0021588
68		-.0135642	.0026357	-5.15	0.000	-.0187301	-.0083983
69		-.0092445	.0025234	-3.66	0.000	-.0141904	-.0042987
70		-.0132834	.0026457	-5.02	0.000	-.0184689	-.0080978
71		-.0084164	.0025186	-3.34	0.001	-.0133529	-.00348
72		-.0110688	.0026036	-4.25	0.000	-.0161717	-.0059659
73		-.0098995	.0025811	-3.84	0.000	-.0149583	-.0048407
74		-.0092221	.0025676	-3.59	0.000	-.0142546	-.0041896
75		-.0060629	.0024932	-2.43	0.015	-.0109494	-.0011764
76		-.0104733	.0026346	-3.98	0.000	-.0156369	-.0053097
77		-.0053085	.0024949	-2.13	0.033	-.0101983	-.0004187

78		-.0089785	.0026166	-3.43	0.001	-.014107	-.00385
79		-.0040404	.0024492	-1.65	0.099	-.0088409	.00076
80		-.0079089	.0029201	-2.71	0.007	-.0136322	-.0021857
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1	1	-.0016629	.0039847	-0.42	0.676	-.0094727	.006147
2	1	.0050807	.0042852	1.19	0.236	-.0033182	.0134796
3	1	.001511	.0043956	0.34	0.731	-.0071042	.0101261
4	1	-.0101168	.0052868	-1.91	0.056	-.0204787	.0002452
5	1	-.0050327	.0049665	-1.01	0.311	-.0147668	.0047015
6	1	-.0054969	.0053467	-1.03	0.304	-.0159762	.0049824
7	1	.0118313	.0043475	2.72	0.007	.0033103	.0203523
8	1	-.0183517	.0059006	-3.11	0.002	-.0299166	-.0067868
9	1	-.011994	.0057492	-2.09	0.037	-.0232622	-.0007259
10	1	.0010023	.0050468	0.20	0.843	-.0088892	.0108938
11	1	-.0053783	.0053196	-1.01	0.312	-.0158046	.005048
12	1	.0013667	.0049442	0.28	0.782	-.0083238	.0110572
13	1	-.00264	.0047136	-0.56	0.575	-.0118786	.0065985
14	1	-.0036119	.0051827	-0.70	0.486	-.01377	.0065461
15	1	-.0073693	.005241	-1.41	0.160	-.0176416	.002903
16	1	-.0017728	.0049575	-0.36	0.721	-.0114893	.0079436
17	1	-.0021047	.0047218	-0.45	0.656	-.0113593	.0071499
18	1	.0030315	.005211	0.58	0.561	-.0071818	.0132449
19	1	.003666	.0049971	0.73	0.463	-.0061282	.0134601
20	1	-.0013362	.0048454	-0.28	0.783	-.0108331	.0081607
21	1	.0003979	.0051746	0.08	0.939	-.0097441	.0105398
22	1	-.0028106	.0055794	-0.50	0.614	-.013746	.0081248
23	1	-.0022714	.0051294	-0.44	0.658	-.0123248	.007782
24	1	.0043711	.0046204	0.95	0.344	-.0046848	.0134269
25	1	.0068998	.0040651	1.70	0.090	-.0010677	.0148673
26	1	.0070223	.0049501	1.42	0.156	-.0026798	.0167243
27	1	.0080708	.0045619	1.77	0.077	-.0008703	.017012
28	1	-.0028827	.0055596	-0.52	0.604	-.0137794	.0080139
29	1	-.0049276	.0051764	-0.95	0.341	-.0150732	.0052179
30	1	.0050587	.0046778	1.08	0.280	-.0041096	.014227
31	1	.0067258	.0045509	1.48	0.139	-.0021938	.0156454
32	1	.0034268	.0048073	0.71	0.476	-.0059954	.012849
33	1	-.0091918	.0057047	-1.61	0.107	-.0203728	.0019893
34	1	.0053919	.0050941	1.06	0.290	-.0045924	.0153761
35	1	-.0124037	.0061267	-2.02	0.043	-.0244118	-.0003955
36	1	-.0055856	.0067911	-0.82	0.411	-.0188959	.0077248
37	1	-.0046108	.0061764	-0.75	0.455	-.0167165	.0074948
38	1	-.0066106	.0060275	-1.10	0.273	-.0184243	.0052031
39	1	.0017275	.0057495	0.30	0.764	-.0095413	.0129962
40	1	-.0016326	.0057255	-0.29	0.776	-.0128544	.0095893
41	1	.0060203	.00476	1.26	0.206	-.0033092	.0153498
42	1	.0024632	.0054556	0.45	0.652	-.0082296	.013156
43	1	.0014455	.0052348	0.28	0.782	-.0088145	.0117055
44	1	-.0032085	.0061385	-0.52	0.601	-.0152397	.0088228
45	1	-.0084031	.0060444	-1.39	0.164	-.02025	.0034437
46	1	.006941	.0051503	1.35	0.178	-.0031534	.0170353
47	1	-.0223258	.0069322	-3.22	0.001	-.0359126	-.008739
48	1	-.011717	.0066364	-1.77	0.077	-.0247241	.0012901
49	1	.0017052	.0052761	0.32	0.747	-.0086358	.0120461
50	1	-.007775	.0063076	-1.23	0.218	-.0201377	.0045877
51	1	.0018084	.0054406	0.33	0.740	-.008855	.0124718
52	1	-.0020918	.005624	-0.37	0.710	-.0131146	.008931
53	1	.0004005	.0052794	0.08	0.940	-.0099469	.010748
54	1	.0126058	.004634	2.72	0.007	.0035233	.0216882
55	1	.0009536	.0056161	0.17	0.865	-.0100538	.011961
56	1	-.0002893	.0053848	-0.05	0.957	-.0108435	.0102648
57	1	-.0126669	.0062895	-2.01	0.044	-.0249941	-.0003398
58	1	.0050443	.005313	0.95	0.342	-.0053691	.0154577

22		.0025839	.0013454	1.92	0.055	-.000053	.0052209
23		.0038937	.0013812	2.82	0.005	.0011866	.0066008
24		.0019389	.0012991	1.49	0.136	-.0006073	.004485
25		.0017543	.00129	1.36	0.174	-.0007741	.0042826
26		.0047447	.0014514	3.27	0.001	.0019	.0075893
27		.0028067	.0013464	2.08	0.037	.0001678	.0054455
28		.0033237	.001356	2.45	0.014	.0006659	.0059815
29		.0005248	.0012502	0.42	0.675	-.0019255	.002975
30		.0021252	.0013277	1.60	0.109	-.0004771	.0047274
31		.0029434	.001395	2.11	0.035	.0002093	.0056775
32		.0020709	.0013303	1.56	0.120	-.0005365	.0046783
33		.0034308	.0014219	2.41	0.016	.0006439	.0062176
34		.0060731	.0015093	4.02	0.000	.003115	.0090312
35		.0079148	.0016258	4.87	0.000	.0047284	.0111013
36		.014802	.0019201	7.71	0.000	.0110387	.0185653
37		.0092639	.0016531	5.60	0.000	.0060238	.012504
38		.0072465	.0015812	4.58	0.000	.0041475	.0103455
39		.0092766	.0016841	5.51	0.000	.0059757	.0125774
40		.0087759	.0016785	5.23	0.000	.005486	.0120657
41		.0077378	.0015956	4.85	0.000	.0046105	.010865
42		.0081065	.0016036	5.06	0.000	.0049636	.0112495
43		.0061538	.0015473	3.98	0.000	.0031212	.0091864
44		.0095767	.0017389	5.51	0.000	.0061685	.012985
45		.0038739	.0014845	2.61	0.009	.0009643	.0067834
46		.0089473	.0016595	5.39	0.000	.0056947	.0121998
47		.0046061	.0015093	3.05	0.002	.001648	.0075642
48		.0072873	.0016486	4.42	0.000	.0040561	.0105185
49		.0045043	.001477	3.05	0.002	.0016094	.0073992
50		.0083284	.0016846	4.94	0.000	.0050266	.0116302
51		.0055166	.0015543	3.55	0.000	.0024703	.008563
52		.0049971	.0015338	3.26	0.001	.0019909	.0080034
53		.0033613	.0014209	2.37	0.018	.0005764	.0061462
54		.0086416	.0016608	5.20	0.000	.0053866	.0118966
55		.0065511	.0015892	4.12	0.000	.0034363	.0096659
56		.0037246	.001456	2.56	0.011	.0008709	.0065783
57		.0039438	.0014707	2.68	0.007	.0010614	.0068263
58		.0060117	.0015819	3.80	0.000	.0029113	.0091121
59		.0033136	.001441	2.30	0.021	.0004893	.006138
60		.0060908	.0015661	3.89	0.000	.0030214	.0091603
61		.0021453	.0013592	1.58	0.114	-.0005186	.0048093
62		.0033491	.0014628	2.29	0.022	.0004821	.0062162
63		.0043039	.0015111	2.85	0.004	.0013422	.0072656
64		.0032763	.0014252	2.30	0.022	.0004831	.0060696
65		.0024092	.0014121	1.71	0.088	-.0003586	.0051769
66		.0040307	.0015087	2.67	0.008	.0010736	.0069877
67		.0018538	.0013653	1.36	0.175	-.0008222	.0045297
68		.0039097	.0014688	2.66	0.008	.001031	.0067884
69		.0032216	.0014413	2.24	0.025	.0003967	.0060466
70		.0030659	.0014377	2.13	0.033	.000248	.0058838
71		.0015859	.0013583	1.17	0.243	-.0010764	.0042482
72		.0036299	.001477	2.46	0.014	.000735	.0065247
73		.0022964	.0014206	1.62	0.106	-.000488	.0050807
74		.0012802	.0013938	0.92	0.358	-.0014516	.004012
75		.001121	.0013744	0.82	0.415	-.0015728	.0038149
76		.0015177	.0013664	1.11	0.267	-.0011604	.0041958
77		-.0009333	.0012552	-0.74	0.457	-.0033934	.0015268
78		-.0002196	.0013078	-0.17	0.867	-.0027828	.0023437
79		.0002396	.0013217	0.18	0.856	-.002351	.0028301
80		-.000228	.0014659	-0.16	0.876	-.0031011	.0026452
tim#nc							
1 1		.0014542	.0023652	0.61	0.539	-.0031816	.0060899
2 1		-.0016818	.0025288	-0.67	0.506	-.0066381	.0032745

3	1		.0066657	.0035001	1.90	0.057	-.0001943	.0135258
4	1		.0050327	.0033857	1.49	0.137	-.0016032	.0116686
5	1		.0028998	.0030529	0.95	0.342	-.0030837	.0088833
6	1		.0091834	.0038075	2.41	0.016	.0017209	.0166459
7	1		-.0041386	.0026751	-1.55	0.122	-.0093817	.0011046
8	1		.0129156	.004304	3.00	0.003	.00448	.0213513
9	1		.0109164	.0043653	2.50	0.012	.0023605	.0194722
10	1		.007129	.0035865	1.99	0.047	.0000996	.0141584
11	1		.000869	.0032104	0.27	0.787	-.0054234	.0071613
12	1		.0030059	.0034368	0.87	0.382	-.0037302	.0097419
13	1		.002011	.0031654	0.64	0.525	-.0041931	.008215
14	1		.0041624	.0032676	1.27	0.203	-.002242	.0105668
15	1		.0054714	.0033846	1.62	0.106	-.0011623	.0121052
16	1		.0044573	.0036245	1.23	0.219	-.0026467	.0115612
17	1		.0030854	.0032434	0.95	0.341	-.0032717	.0094424
18	1		-.0004289	.0033837	-0.13	0.899	-.0070608	.006203
19	1		-.0031512	.0031451	-1.00	0.316	-.0093154	.0030131
20	1		.0040947	.0033437	1.22	0.221	-.0024589	.0106482
21	1		.0023138	.0035628	0.65	0.516	-.0046692	.0092968
22	1		.0036816	.003526	1.04	0.296	-.0032292	.0105925
23	1		-.0049588	.0022684	-2.19	0.029	-.0094047	-.0005129
24	1		-.0017308	.0025295	-0.68	0.494	-.0066885	.003227
25	1		-.0037403	.0020337	-1.84	0.066	-.0077263	.0002456
26	1		-.0014571	.003039	-0.48	0.632	-.0074134	.0044992
27	1		-.0036508	.0023244	-1.57	0.116	-.0082065	.0009049
28	1		.0061838	.0039563	1.56	0.118	-.0015704	.0139381
29	1		-.0016568	.00232	-0.71	0.475	-.0062039	.0028904
30	1		.0020499	.0030962	0.66	0.508	-.0040186	.0081184
31	1		-.0037274	.0023718	-1.57	0.116	-.008376	.0009211
32	1		.0007382	.0029589	0.25	0.803	-.0050611	.0065374
33	1		.0079085	.0040863	1.94	0.053	-.0001006	.0159175
34	1		-.0029127	.003005	-0.97	0.332	-.0088024	.0029771
35	1		-.0031093	.0032868	-0.95	0.344	-.0095512	.0033327
36	1		-.0038504	.0044273	-0.87	0.384	-.0125278	.0048271
37	1		.0051962	.0046605	1.11	0.265	-.0039382	.0143307
38	1		.0047722	.0042279	1.13	0.259	-.0035144	.0130587
39	1		-.001421	.0039848	-0.36	0.721	-.0092312	.0063891
40	1		.0017485	.0041429	0.42	0.673	-.0063715	.0098685
41	1		-.0009346	.003553	-0.26	0.793	-.0078984	.0060292
42	1		-.001997	.0036409	-0.55	0.583	-.009133	.0051391
43	1		.006766	.0043917	1.54	0.123	-.0018417	.0153736
44	1		.0053889	.0047065	1.14	0.252	-.0038357	.0146134
45	1		.011085	.0045825	2.42	0.016	.0021034	.0200665
46	1		-.0041802	.0033826	-1.24	0.217	-.01081	.0024497
47	1		.0153891	.0050927	3.02	0.003	.0054076	.0253705
48	1		.0047726	.0047479	1.01	0.315	-.0045332	.0140784
49	1		.0014086	.0036047	0.39	0.696	-.0056565	.0084737
50	1		.006124	.0047142	1.30	0.194	-.0031157	.0153637
51	1		-.0016383	.0033733	-0.49	0.627	-.0082499	.0049733
52	1		.0035599	.0038474	0.93	0.355	-.003981	.0111008
53	1		-.0016873	.002914	-0.58	0.563	-.0073987	.0040242
54	1		-.0085238	.0028209	-3.02	0.003	-.0140526	-.0029949
55	1		-.0029767	.0033455	-0.89	0.374	-.0095339	.0035804
56	1		-.0020469	.0029303	-0.70	0.485	-.0077903	.0036965
57	1		.0002732	.0034288	0.08	0.936	-.0064471	.0069935
58	1		-.0090715	.002117	-4.29	0.000	-.0132207	-.0049223
59	1		.0028279	.003609	0.78	0.433	-.0042456	.0099014
60	1		-.0024088	.0035203	-0.68	0.494	-.0093085	.004491
61	1		.0034618	.0033809	1.02	0.306	-.0031646	.0100882
62	1		.0021222	.0035931	0.59	0.555	-.0049201	.0091645
63	1		.0065887	.0039622	1.66	0.096	-.0011771	.0143545
64	1		-.0006304	.002947	-0.21	0.831	-.0064064	.0051457
65	1		-.0037064	.0023443	-1.58	0.114	-.0083011	.0008883

66	1		.0005399	.0033013	0.16	0.870	-.0059305	.0070103
67	1		-.0020606	.002426	-0.85	0.396	-.0068154	.0026942
68	1		-.0015813	.0029171	-0.54	0.588	-.0072988	.0041362
69	1		-.0040788	.0025742	-1.58	0.113	-.0091242	.0009666
70	1		-.0018396	.0028052	-0.66	0.512	-.0073376	.0036585
71	1		.0018708	.0034268	0.55	0.585	-.0048456	.0085872
72	1		.004483	.0039428	1.14	0.256	-.0032447	.0122107
73	1		-.0010593	.0027994	-0.38	0.705	-.0065461	.0044275
74	1		-.0020917	.0023616	-0.89	0.376	-.0067204	.0025369
75	1		.0069635	.0036735	1.90	0.058	-.0002365	.0141635
76	1		-.0019437	.0024877	-0.78	0.435	-.0068196	.0029322
77	1		.0048509	.0031071	1.56	0.118	-.001239	.0109408
78	1		.001243	.0026626	0.47	0.641	-.0039757	.0064616
79	1		-.0011481	.0024718	-0.46	0.642	-.0059928	.0036967
80	1		.005537	.0038995	1.42	0.156	-.0021058	.0131798
_cons			.0063467	.0008863	7.16	0.000	.0046096	.0080839

```

.
.
. log close
  name: <unnamed>
  log: D:\Research\NC Unemployment\CPS data\CPS_run.log
  log type: text
  closed on: 23 Mar 2021, 15:55:14

```
