Statistics/Data Analysis

```
      name:  <unnamed>
       log:  C:\Users\kmd86\Desktop\Papers I'm Working On\Nicaragua Bridges\Submission
> _Econometrica\Accepted\play_around\logged_results/MainRegs_Annual.smcl
  log type:  smcl
 opened on:  12 Mar 2020, 16:11:17

1 .
2 .
3 .
4 . * ============================================ *
5 . * Table 1 avg male earnings/avg female earnings *
6 . * ============================================ *
7 .
8 . sum ttotal_male_earnings if Wave_2 == 1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
ttotal_mal.. |        576    449.1545    921.5496          0       6640

9 . sum ttotal_female_earnings if Wave_2 == 1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
ttotal_fem.. |        576    94.34375    364.4178          0       3360

10.
11.
12. * ================= *
13. * Table 2 (balance) *
14. * ================= *
15.
16. // Distance to nearest town
17. by comm Wave_2, sort: gen counter = _n

18. reg dist_markettown build if Wave_2 == 1 & counter == 1

      Source |       SS           df       MS      Number of obs   =        15
-------------+----------------------------------   F(1, 13)        =      0.93
       Model |  28.6049172         1  28.6049172   Prob > F        =    0.3520
    Residual |  399.012055        13   30.693235   R-squared       =    0.0669
-------------+----------------------------------   Adj R-squared   =   -0.0049
       Total |  427.616972        14  30.5440694   Root MSE        =    5.5401

------------------------------------------------------------------------------
dist_marke~n |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       build |    2.818831   2.919914     0.97   0.352    -3.48926    9.126922
       _cons |      5.4384   1.846716     2.94   0.011     1.448813    9.427988
------------------------------------------------------------------------------

19. drop counter

20.
21. // (flooding intensity in HF code)
22.
23.
24. // Household composition
25.
26. reg bridge_dist_km build if Wave_2 == 1

      Source |       SS           df       MS      Number of obs   =       571
-------------+----------------------------------   F(1, 569)       =      0.95
       Model |  1.15830195         1  1.15830195   Prob > F        =    0.3296
    Residual |  692.137045       569  1.21640957   R-squared       =    0.0017
-------------+----------------------------------   Adj R-squared   =   -0.0001
       Total |  693.295347       570  1.21630763   Root MSE        =    1.1029
```

bridge_dis~m	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	-.0917664	.09404	-0.98	0.330	-.2764742	.0929415
_cons	1.518375	.0598137	25.39	0.000	1.400893	1.635858

27. reg age_head build if Wave_2 == 1

Source	SS	df	MS		
Model	.905666294	1	.905666294	Number of obs	= 581
Residual	157737.803	579	272.431439	F(1, 579)	= 0.00
Total	157738.709	580	271.963292	Prob > F	= 0.9540
				R-squared	= 0.0000
				Adj R-squared	= -0.0017
				Root MSE	= 16.505

age_head	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	-.0804452	1.395226	-0.06	0.954	-2.820767	2.659877
_cons	45.05491	.887341	50.78	0.000	43.31211	46.79771

28. reg edu_head build if Wave_2 == 1

Source	SS	df	MS		
Model	7.84875198	1	7.84875198	Number of obs	= 513
Residual	4674.26041	511	9.14728065	F(1, 511)	= 0.86
Total	4682.10916	512	9.14474446	Prob > F	= 0.3547
				R-squared	= 0.0017
				Adj R-squared	= -0.0003
				Root MSE	= 3.0244

edu_head	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	.2639749	.2849761	0.93	0.355	-.295894	.8238438
_cons	3.430636	.1625953	21.10	0.000	3.111198	3.750073

29. reg Kids build if Wave_2 == 1

Source	SS	df	MS		
Model	.225793932	1	.225793932	Number of obs	= 581
Residual	747.664051	579	1.29130233	F(1, 579)	= 0.17
Total	747.889845	580	1.28946525	Prob > F	= 0.6760
				R-squared	= 0.0003
				Adj R-squared	= -0.0014
				Root MSE	= 1.1364

Kids	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	.0401673	.0960572	0.42	0.676	-.1484958	.2288303
_cons	1.283237	.0610908	21.01	0.000	1.16325	1.403224

30. reg HHsize build if Wave_2 == 1

Source	SS	df	MS		
Model	.763827289	1	.763827289	Number of obs	= 581
Residual	1755.97628	579	3.03277422	F(1, 579)	= 0.25
Total	1756.7401	580	3.02886225	Prob > F	= 0.6160
				R-squared	= 0.0004
				Adj R-squared	= -0.0013
				Root MSE	= 1.7415

HHsize	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	.0738778	.1472096	0.50	0.616	-.2152521	.3630076
_cons	4.147399	.0936229	44.30	0.000	3.963517	4.331281

```
31.
32. // Occupation and Earnings
33. reg agr_hh build if Wave_2 == 1
```

Source	SS	df	MS	Number of obs	=	581
				F(1, 579)	=	1.27
Model	.318835883	1	.318835883	Prob > F	=	0.2595
Residual	144.89631	579	.250252695	R-squared	=	0.0022
				Adj R-squared	=	0.0005
Total	145.215146	580	.250370942	Root MSE	=	.50025

agr_hh	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	.0477309	.0422869	1.13	0.259	-.0353234	.1307852
_cons	.4884393	.0268937	18.16	0.000	.4356181	.5412605

```
34. reg wage_hh build if Wave_2 == 1
```

Source	SS	df	MS	Number of obs	=	581
				F(1, 579)	=	0.52
Model	.128517217	1	.128517217	Prob > F	=	0.4716
Residual	143.413651	579	.247691971	R-squared	=	0.0009
				Adj R-squared	=	-0.0008
Total	143.542169	580	.247486498	Root MSE	=	.49769

wage_hh	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	-.0303038	.04207	-0.72	0.472	-.1129321	.0523245
_cons	.566474	.0267558	21.17	0.000	.5139237	.6190242

```
35. reg ttotal_earnings build if Wave_2 == 1
```

Source	SS	df	MS	Number of obs	=	578
				F(1, 576)	=	0.00
Model	171.849299	1	171.849299	Prob > F	=	0.9951
Residual	2.6427e+09	576	4588067.7	R-squared	=	0.0000
				Adj R-squared	=	-0.0017
Total	2.6427e+09	577	4580116.41	Root MSE	=	2142

ttotal_ear~s	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	1.110838	181.5063	0.01	0.995	-355.384	357.6057
_cons	1063.799	115.4877	9.21	0.000	836.9711	1290.628

```
36. reg ttotal_male_nocross_wage build if Wave_2 == 1
```

Source	SS	df	MS	Number of obs	=	145
				F(1, 143)	=	0.11
Model	2105.15696	1	2105.15696	Prob > F	=	0.7396
Residual	2715354.62	143	18988.4939	R-squared	=	0.0008
				Adj R-squared	=	-0.0062
Total	2717459.78	144	18871.2485	Root MSE	=	137.8

ttotal_mal..	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	-7.635306	22.93134	-0.33	0.740	-52.96351	37.6929
_cons	138.9798	15.70362	8.85	0.000	107.9386	170.0211

```
37. reg ttotal_male_cross_wage build if Wave_2 == 1
```

Source	SS	df	MS		
Model	3163.45224	1	3163.45224	Number of obs	= 128
				F(1, 126)	= 0.08
Residual	4794027.86	126	38047.8402	Prob > F	= 0.7736
				R-squared	= 0.0007
				Adj R-squared	= -0.0073
Total	4797191.31	127	37773.16	Root MSE	= 195.06

ttotal_mal..	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	-10.41215	36.10977	-0.29	0.774	-81.87232	61.04802
_cons	182.0247	21.41046	8.50	0.000	139.6541	224.3954

```
38.
39. // Farming
40. reg tMaiz_harvest build if Wave_2 == 1
```

Source	SS	df	MS		
Model	138.063516	1	138.063516	Number of obs	= 575
				F(1, 573)	= 1.57
Residual	50417.6756	573	87.9889627	Prob > F	= 0.2108
				R-squared	= 0.0027
				Adj R-squared	= 0.0010
Total	50555.7391	574	88.0762006	Root MSE	= 9.3802

tMaiz_harv~t	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	.9974434	.7962747	1.25	0.211	-.5665298	2.561417
_cons	2.489736	.5079686	4.90	0.000	1.492028	3.487444

```
41. reg tFrijoles_harvest build if Wave_2 == 1
```

Source	SS	df	MS		
Model	9.26475605	1	9.26475605	Number of obs	= 580
				F(1, 578)	= 0.33
Residual	16119.1745	578	27.8878451	Prob > F	= 0.5646
				R-squared	= 0.0006
				Adj R-squared	= -0.0012
Total	16128.4392	579	27.8556809	Root MSE	= 5.2809

tFrijoles_~t	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	.2574468	.446661	0.58	0.565	-.6198296	1.134723
_cons	1.5	.2843138	5.28	0.000	.9415859	2.058414

```
42. reg tMaiz_saleprice build if Wave_2 == 1
```

Source	SS	df	MS		
Model	6518.82964	1	6518.82964	Number of obs	= 53
				F(1, 51)	= 0.16
Residual	2120473.62	51	41577.9142	Prob > F	= 0.6938
				R-squared	= 0.0031
				Adj R-squared	= -0.0165
Total	2126992.45	52	40903.701	Root MSE	= 203.91

tMaiz_sale~e	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	-22.37681	56.51253	-0.40	0.694	-135.8304	91.07682
_cons	189.3333	37.22809	5.09	0.000	114.5948	264.0718

```
43. reg tFrijoles_saleprice build if Wave_2 == 1
```

Source	SS	df	MS		
Model	30936.2779	1	30936.2779	Number of obs	= 69
Residual	65194788.4	67	973056.543	F(1, 67)	= 0.03
				Prob > F	= 0.8590
Total	65225724.6	68	959201.833	R-squared	= 0.0005
				Adj R-squared	= -0.0144
				Root MSE	= 986.44

tFrijoles_~e	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	43.38624	243.3252	0.18	0.859	-442.2929	529.0653
_cons	871.4286	152.2104	5.73	0.000	567.6153	1175.242

```
44. reg Staples_anyplant build if Wave_2 == 1
```

Source	SS	df	MS		
Model	.130506862	1	.130506862	Number of obs	= 581
Residual	133.119063	579	.229912026	F(1, 579)	= 0.57
				Prob > F	= 0.4515
Total	133.24957	580	.229740637	R-squared	= 0.0010
				Adj R-squared	= -0.0007
				Root MSE	= .47949

Staples_an~t	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	.0305374	.0405319	0.75	0.452	-.04907	.1101449
_cons	.3439306	.0257776	13.34	0.000	.2933016	.3945597

```
45. reg tintermed_spend build if Wave_2 == 1
```

Source	SS	df	MS		
Model	1370180.06	1	1370180.06	Number of obs	= 575
Residual	2.7425e+09	573	4786138.62	F(1, 573)	= 0.29
				Prob > F	= 0.5928
Total	2.7438e+09	574	4780187.47	R-squared	= 0.0005
				Adj R-squared	= -0.0012
				Root MSE	= 2187.7

tintermed_~d	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
build	99.50197	185.9668	0.54	0.593	-265.7579	464.7618
_cons	899.5627	118.126	7.62	0.000	667.5499	1131.575

```
46.
47.
48. * Does not include: sales price for maize, sales price for frijoles since not define
  > d over all households.
49. reg build bridge_dist age_head edu_head Kids HHsize agr_hh wage_hh ttotal_earnings t
  > total_male_nocross_earnings ttotal_male_cross_earnings tMaiz_harvest tFrijoles_harve
  > st Staples_anyplant tintermed_spend if Wave_2 == 1
```

Source	SS	df	MS		
Model	3.48266889	14	.248762064	Number of obs	= 487
Residual	104.291458	472	.22095648	F(14, 472)	= 1.13
				Prob > F	= 0.3320
Total	107.774127	486	.221757464	R-squared	= 0.0323
				Adj R-squared	= 0.0036
				Root MSE	= .47006

build	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]
bridge_dist_km	.0156883	.0202655	0.77	0.439	-.0241334 .05551
age_head	.0010205	.0015037	0.68	0.498	-.0019343 .0039752
edu_head	.0116069	.0076142	1.52	0.128	-.003355 .0265688
Kids	-.0334343	.0278969	-1.20	0.231	-.0882518 .0213832
HHsize	.0270883	.0180809	1.50	0.135	-.0084407 .0626172
agr_hh	.042431	.0552808	0.77	0.443	-.066196 .151058
wage_hh	.0278997	.0571624	0.49	0.626	-.0844246 .140224
ttotal_earnings	-.0000145	.0000233	-0.62	0.534	-.0000602 .0000312
ttotal_male_nocross_earnings	.000088	.0000623	1.41	0.159	-.0000345 .0002105
ttotal_male_cross_earnings	-4.70e-06	.0000608	-0.08	0.938	-.0001241 .0001147
tMaiz_harvest	.0014932	.0029979	0.50	0.619	-.0043977 .007384
tFrijoles_harvest	-.0141935	.0064323	-2.21	0.028	-.026833 -.001554
Staples_anyplant	-.0299191	.0591958	-0.51	0.613	-.1462389 .0864007
tintermed_spend	-4.63e-06	.0000123	-0.38	0.706	-.0000287 .0000195
_cons	.1354182	.1158266	1.17	0.243	-.0921814 .3630179

50. probit build bridge_dist age_head edu_head Kids HHsize agr_hh wage_hh ttotal_earning
> s ttotal_male_nocross_earnings ttotal_male_cross_earnings tMaiz_harvest tFrijoles_ha
> rvest Staples_anyplant tintermed_spend if Wave_2 == 1

Iteration 0: log likelihood = -309.04998
Iteration 1: log likelihood = -300.8035
Iteration 2: log likelihood = -300.65868
Iteration 3: log likelihood = -300.65827
Iteration 4: log likelihood = -300.65827

Probit regression — Number of obs = 487
LR chi2(14) = 16.78
Prob > chi2 = 0.2679
Log likelihood = -300.65827 — Pseudo R2 = 0.0272

build	Coef.	Std. Err.	z	P>|z|	[95% Conf. Interval]
bridge_dist_km	.042528	.0561929	0.76	0.449	-.0676081 .1526641
age_head	.0028063	.0041694	0.67	0.501	-.0053654 .0109781
edu_head	.0325678	.0212443	1.53	0.125	-.0090704 .0742059
Kids	-.0924029	.0788327	-1.17	0.241	-.2469121 .0621064
HHsize	.0738208	.0506054	1.46	0.145	-.025364 .1730055
agr_hh	.1123363	.1539808	0.73	0.466	-.1894606 .4141332

```
                    wage_hh |   .0834435   .1605223     0.52   0.603    -.2311744
> .3980615
             ttotal_earnings |  -.0000362   .0000644    -0.56   0.574    -.0001623
>   .00009
ttotal_male_nocross_earnings |   .0002299   .0001721     1.34   0.182    -.0001074
> .0005673
  ttotal_male_cross_earnings |  -.0000302   .0001739    -0.17   0.862    -.0003711
> .0003108
               tMaiz_harvest |   .0024749   .0089369     0.28   0.782    -.0150412
>  .019991
          tFrijoles_harvest |  -.0532226   .0239184    -2.23   0.026    -.1001019   -
> .0063433
           Staples_anyplant |  -.0447077   .1691656    -0.26   0.792    -.3762662
> .2868509
            tintermed_spend |  -.0000137   .0000364    -0.38   0.707    -.0000851
> .0000577
                      _cons |  -.9790373    .324996    -3.01   0.003    -1.616018   -
> .3420569
------------------------------+---------------------------------------------------
------------------------------------------------------------------------------
```

```
51.
52.
53.
54. * ================================ *
55. * Table 3/4 (HF -- different code) *
56. * ================================ *
57.
58.
59. * ============================ *
60. * Table 4 - earnings           *
61. * ============================ *
62.
63.
64. local ylist "ttotal_earnings ttotal_cross_earnings ttotal_nocross_earnings ttotal_ma
  > le_earnings ttotal_male_cross_earnings ttotal_male_nocross_earnings ttotal_female_ea
  > rnings ttotal_female_cross_earnings ttotal_female_nocross_earnings"

65.
66. foreach x of local ylist {
    2.
67.         display in red "-------------------------------------------"
    3.         display in red "   Table 4: Earnings
  >         "
    4.         display in red "       outcome  `x'
  >         "
    5.         display in red "-------------------------------------------"
    6.
68.         cgmwildboot `x' Wave_2 Wave_3 Wave_4 Comm_* build2, cluster(comm) bootcluste
  > r(comm) reps(`repbs')
    7.         loneway `x' comm
    8. }
  ---------------------------------------------
     Table 4: Earnings
         outcome  ttotal_earnings
  ---------------------------------------------
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  .................................................    50
  .................................................   100
  .................................................   150
  .................................................   200
  .................................................   250
  .................................................   300
  .................................................   350
  .................................................   400
  .................................................   450
  .................................................   500
  .................................................   550
  .................................................   600
  .................................................   650
  .................................................   700
```

```
.................................................   750
.................................................   800
.................................................   850
.................................................   900
.................................................   950
.................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1494
Num combinations   =    1                       R-squared     =   0.0800
                                                Adj R-squared =   0.0694
                                                G(comm)       =       15
                                                (Bootstrapped)
```

ttotal_ear~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	170.52925	.	.052	29.085545	307.2933
Wave_3	190.77628	.	.04	56.385593	336.06183
Wave_4	(dropped)				
Comm_1	-469.03306	.	.002	-471.08453	-466.80347
Comm_2	(dropped)				
Comm_3	1179.9156	.	0	1019.7774	1352.3658
Comm_4	-690.62071	.	.002	-845.50079	-522.70709
Comm_5	681.09944	.	0	674.81311	687.76361
Comm_6	-170.28062	.	.152	-328.26627	1.0013756
Comm_7	-339.29595	.	.008	-495.4469	-170.54558
Comm_8	-306.34096	.	.018	-466.56528	-132.75406
Comm_9	-135.04507	.	.002	-153.31635	-116.02245
Comm_10	(dropped)				
Comm_11	-810.23498	.	.002	-968.39716	-638.11285
Comm_12	-1201.7043	.	.002	-1215.0636	-1187.5621
Comm_13	-146.24193	.	.002	-159.87357	-130.93076
Comm_14	-431.42906	.	.004	-590.57904	-258.72095
Comm_15	-587.14975	.	.002	-743.87158	-416.47635
Comm_16	-479.07752	.	.002	-639.67249	-305.42838
build2	380.3893	.	.096	107.30639	671.51575
cons	1106.0967	.	0	924.59619	1288.1825

One-way Analysis of Variance for ttotal_ear~s:

```
                                        Number of obs =       1,494
                                            R-squared =      0.0763
```

Source	SS	df	MS	F	Prob > F
Between comm	4.843e+08	14	34595244	8.72	0.0000
Within comm	5.867e+09	1,479	3966734.3		
Total	6.351e+09	1,493	4253940.7		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.07255	0.03016	0.01343	0.13166

```
        Estimated SD of comm effect             557.0265
        Estimated SD within comm                1991.666
        Est. reliability of a comm mean          0.88534
             (evaluated at n=98.71)
----------------------------------------------
   Table 4: Earnings
       outcome  ttotal_cross_earnings
----------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
.................................................    50
.................................................   100
.................................................   150
.................................................   200
.................................................   250
.................................................   300
```

```
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1493
Num combinations   =    1                       R-squared     =   0.0671
                                                Adj R-squared =   0.0563
                                                G(comm)       =       15
                                                (Bootstrapped)
```

ttotal_cro~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	61.522468	.	.196	-13.252563	138.36491
Wave_3	(dropped)				
Wave_4	-84.146306	.	.004	-129.30336	-40.655464
Comm_1	-1.5619125	.	.98	-63.75069	57.959461
Comm_2	87.992296	.	.02	25.455181	147.9254
Comm_3	685.65664	.	0	683.53278	687.69116
Comm_4	51.548389	.	0	49.298866	53.874928
Comm_5	303.14542	.	0	239.53401	363.98691
Comm_6	371.59796	.	0	371.00558	372.16745
Comm_7	260.52702	.	0	258.80331	262.32642
Comm_8	168.77742	.	0	167.144	170.44814
Comm_9	198.78426	.	0	132.37106	262.44168
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	-185.48797	.	.002	-250.68768	-123.01283
Comm_13	190.14442	.	0	124.31373	252.89868
Comm_14	177.11719	.	0	175.68416	178.513
Comm_15	151.54385	.	0	150.39915	152.6555
Comm_16	175.34569	.	0	173.86299	176.92323
build2	306.10352	.	0	204.31802	413.19244
cons	39.151904	.	.094	2.5824931	74.653931

One-way Analysis of Variance for ttotal_cro~s:

```
                                        Number of obs =       1,493
                                            R-squared =      0.0558
```

Source	SS	df	MS	F	Prob > F
Between comm	49704369	14	3550312.1	6.24	0.0000
Within comm	8.406e+08	1,478	568767.26		
Total	8.903e+08	1,492	596744.22		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.05046	0.02256	0.00625	0.09468

```
         Estimated SD of comm effect             173.8607
         Estimated SD within comm                754.1666
         Est. reliability of a comm mean          0.83980
              (evaluated at n=98.64)
-------------------------------------------------
   Table 4: Earnings
       outcome  ttotal_nocross_earnings
-------------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................  100
..................................................  150
..................................................  200
..................................................  250
..................................................  300
..................................................  350
..................................................  400
..................................................  450
..................................................  500
..................................................  550
..................................................  600
..................................................  650
..................................................  700
..................................................  750
..................................................  800
..................................................  850
..................................................  900
..................................................  950
.................................................. 1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1491
Num combinations   =    1                       R-squared     =   0.0571
                                                Adj R-squared =   0.0462
                                                G(comm)       =       15
                                                (Bootstrapped)
```

ttotal_noc~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	-42.720917	.	.528	-164.54781	85.062164
Wave_3	102.61873	.	.056	15.052169	193.0067
Wave_4	(dropped)				
Comm_1	-379.74485	.	.002	-380.94186	-378.5647
Comm_2	(dropped)				
Comm_3	360.66727	.	0	239.77844	485.54694
Comm_4	-716.03779	.	.002	-836.34467	-589.48193
Comm_5	105.35696	.	0	99.844269	111.04191
Comm_6	-593.25931	.	.002	-714.60028	-466.81149
Comm_7	-574.08917	.	.002	-694.83978	-446.85291
Comm_8	-575.78861	.	.002	-696.95593	-449.34937
Comm_9	-421.53956	.	.002	-429.90359	-413.44592
Comm_10	(dropped)				
Comm_11	-783.95351	.	.002	-904.90973	-657.95642
Comm_12	-927.29152	.	.002	-934.19128	-920.64569
Comm_13	-236.34174	.	.002	-243.86926	-229.03598
Comm_14	-583.64376	.	.002	-705.51428	-456.61774
Comm_15	-711.46354	.	.002	-831.63031	-586.33527
Comm_16	-630.05672	.	.002	-751.64716	-502.98767
build2	-27.704831	.	.842	-231.26129	182.69484
cons	1152.7532	.	0	986.97217	1306.2502

```
        One-way Analysis of Variance for ttotal_noc~s:

                                        Number of obs =        1,491
                                            R-squared =       0.0554
```

Source	SS	df	MS	F	Prob > F
Between comm	**1.694e+08**	**14**	**12101607**	**6.18**	**0.0000**
Within comm	**2.889e+09**	**1,476**	**1957372.7**		
Total	**3.059e+09**	**1,490**	**2052687.7**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.04998	**0.02238**	**0.00611**	**0.09384**

Estimated SD of comm effect **320.8886**
Estimated SD within comm **1399.061**
Est. reliability of a comm mean **0.83826**
(evaluated at n=**98.52**)

Table 4: Earnings
outcome ttotal_male_earnings

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1494**
Num combinations = **1** R-squared = **0.0661**
Adj R-squared = **0.0553**
G(comm) = **15**
(Bootstrapped)

ttotal_mal~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**172.16804**	.	**0**	**91.88073**	**255.01985**
Wave_3	**194.24784**	.	**0**	**131.69479**	**258.24377**
Wave_4	(dropped)				
Comm_1	**-243.26721**	.	**.002**	**-244.4832**	**-242.03534**
Comm_2	(dropped)				
Comm_3	**410.62873**	.	**0**	**307.66727**	**527.51764**
Comm_4	**-247.34669**	.	**.008**	**-350.78641**	**-130.62524**
Comm_5	**135.85831**	.	**0**	**132.40593**	**139.37393**
Comm_6	**-30.008057**	.	**.672**	**-133.19606**	**87.123009**
Comm_7	**-110.00512**	.	**.13**	**-213.748**	**6.4649162**
Comm_8	**-189.17021**	.	**.028**	**-292.52573**	**-71.559082**
Comm_9	**-194.26681**	.	**.002**	**-203.40575**	**-186.19531**
Comm_10	(dropped)				
Comm_11	**-332.11884**	.	**.002**	**-435.2666**	**-215.10971**
Comm_12	**-563.67638**	.	**.002**	**-569.44281**	**-558.40845**
Comm_13	**-62.20398**	.	**.002**	**-68.277237**	**-56.491238**
Comm_14	**-268.94058**	.	**.004**	**-372.81381**	**-151.37144**
Comm_15	**-171.49947**	.	**.042**	**-274.97275**	**-55.098785**
Comm_16	**-213.81343**	.	**.01**	**-317.54001**	**-96.099266**
build2	**267.09267**	.	**.072**	**93.780838**	**464.50082**

cons	**401.50056**	.	**0**	**265.75183**	**526.64685**

One-way Analysis of Variance for ttotal_mal..:

Number of obs = **1,494**
R-squared = **0.0547**

Source	SS	df	MS	F	Prob > F
Between comm	**74700741**	**14**	**5335767.2**	**6.11**	**0.0000**
Within comm	**1.292e+09**	**1,479**	**873671.43**		
Total	**1.367e+09**	**1,493**	**915512.91**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.04920	**0.02211**	**0.00586**	**0.09254**

Estimated SD of comm effect **212.6255**
Estimated SD within comm **934.7039**
Est. reliability of a comm mean **0.83626**
(evaluated at n=**98.70**)

Table 4: Earnings
outcome ttotal_male_cross_earnings

>

Bootstrap reps (**1000**)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
.... 50
.... 100
.... 150
.... 200
.... 250
.... 300
.... 350
.... 400
.... 450
.... 500
.... 550
.... 600
.... 650
.... 700
.... 750
.... 800
.... 850
.... 900
.... 950
.... 1000

.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1492**
Num combinations = **1** R-squared = **0.0428**
Adj R-squared = **0.0318**
G(comm) = **15**
(Bootstrapped)

ttotal_mal~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**108.21811**	.	**.014**	**51.008171**	**167.90929**
Wave_3	**118.24944**	.	**.002**	**64.577423**	**170.77325**
Wave_4	(dropped)				
Comm_1	**-9.865672**	.	**.746**	**-66.923721**	**46.577389**
Comm_2	**123.42503**	.	**.002**	**65.797371**	**180.19229**
Comm_3	**281.84876**	.	**0**	**279.48532**	**284.27008**
Comm_4	**27.009903**	.	**0**	**24.184824**	**29.740673**
Comm_5	**282.32127**	.	**0**	**225.93584**	**339.49933**
Comm_6	**270.70718**	.	**0**	**269.71744**	**271.71927**
Comm_7	**214.84507**	.	**0**	**212.79424**	**216.82527**
Comm_8	**134.09888**	.	**0**	**132.32535**	**135.95491**

Comm_9	**143.42075**	.	**0**	**83.028748**	**203.64517**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**-111.74392**	.	**.008**	**-170.71954**	**-52.813381**
Comm_13	**151.04106**	.	**0**	**92.542191**	**210.21542**
Comm_14	**108.02902**	.	**0**	**106.78741**	**109.33845**
Comm_15	**119.37642**	.	**0**	**118.13094**	**120.53089**
Comm_16	**101.76766**	.	**0**	**100.03132**	**103.62954**
build2	**189.34312**	.	**.004**	**93.378952**	**282.88504**
cons	**-48.480655**	.	**.008**	**-77.391739**	**-19.323078**

One-way Analysis of Variance for ttotal_mal..:

Number of obs = **1,492**
R-squared = **0.0308**

Source	SS	df	MS	F	Prob > F
Between comm	**17413263**	**14**	**1243804.5**	**3.35**	**0.0000**
Within comm	**5.477e+08**	**1,477**	**370830.44**		
Total	**5.651e+08**	**1,491**	**379027.38**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.02333	**0.01268**	**0.00000**	**0.04818**

Estimated SD of comm effect **94.10866**
Estimated SD within comm **608.9585**
Est. reliability of a comm mean **0.70186**
(evaluated at n=**98.57**)

Table 4: Earnings
outcome ttotal_male_nocross_earnings

>

Bootstrap reps (**1000**)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
.... 50
.... 100
.... 150
.... 200
.... 250
.... 300
.... 350
.... 400
.... 450
.... 500
.... 550
.... 600
.... 650
.... 700
.... 750
.... 800
.... 850
.... 900
.... 950
.... 1000

.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1491**
Num combinations = **1** R-squared = **0.0266**
Adj R-squared = **0.0154**
G(comm) = **15**
(Bootstrapped)

ttotal_mal~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**.90174784**	.	**.984**	**-34.41872**	**36.068966**
Wave_3	**61.918578**	.	**.044**	**12.209545**	**114.10821**

Wave_4	(dropped)				
Comm_1	**-110.59941**	.	**.002**	**-111.3532**	**-109.83514**
Comm_2	(dropped)				
Comm_3	**-178.92706**	.	**.002**	**-239.83621**	**-115.04449**
Comm_4	**-237.92227**	.	**.002**	**-296.76782**	**-174.74219**
Comm_5	**-246.91493**	.	**.002**	**-249.90454**	**-243.78661**
Comm_6	**-305.4122**	.	**.002**	**-365.4874**	**-241.20853**
Comm_7	**-288.64157**	.	**.002**	**-348.13208**	**-225.15955**
Comm_8	**-287.85992**	.	**.002**	**-348.37881**	**-223.74901**
Comm_9	**-329.28583**	.	**.002**	**-334.85361**	**-323.79965**
Comm_10	(dropped)				
Comm_11	**-295.00632**	.	**.002**	**-354.94**	**-230.84271**
Comm_12	**-326.5344**	.	**.002**	**-331.20032**	**-321.98773**
Comm_13	**-186.04711**	.	**.002**	**-191.01335**	**-181.3051**
Comm_14	**-341.09374**	.	**.002**	**-401.43155**	**-276.69238**
Comm_15	**-253.02919**	.	**.002**	**-312.78531**	**-189.26324**
Comm_16	**-279.48728**	.	**.002**	**-340.05972**	**-215.22878**
build2	**-64.367219**	.	**.326**	**-167.65927**	**43.48024**
cons	**442.2024**	.	**0**	**381.58597**	**502.3158**

One-way Analysis of Variance for ttotal_mal..:

Number of obs = **1,491**
R-squared = **0.0235**

Source	SS	df	MS	F	Prob > F
Between comm	**9062486.6**	**14**	**647320.47**	**2.54**	**0.0014**
Within comm	**3.769e+08**	**1,476**	**255350.75**		
Total	**3.860e+08**	**1,490**	**259033.69**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.01534	**0.00968**	**0.00000**	**0.03431**

Estimated SD of comm effect **63.07744**
Estimated SD within comm **505.3224**
Est. reliability of a comm mean **0.60553**
(evaluated at n=**98.52**)

Table 4: Earnings
outcome ttotal_female_earnings

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1494**
Num combinations = **1** R-squared = **0.0438**

Adj R-squared = **0.0328**
G(comm) = **15**
(Bootstrapped)

ttotal_fem~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**-73.028278**	.	**.088**	**-140.58432**	**-7.6857386**
Wave_3	**-46.68138**	.	**.28**	**-119.87615**	**27.348362**
Wave_4	(dropped)				
Comm_1	**48.461231**	.	**0**	**47.987789**	**48.906654**
Comm_2	(dropped)				
Comm_3	**326.83617**	.	**0**	**279.2262**	**371.80951**
Comm_4	**19.720035**	.	**.446**	**-25.624947**	**64.307007**
Comm_5	**46.828423**	.	**0**	**42.61084**	**51.079655**
Comm_6	**69.207311**	.	**.026**	**23.078011**	**114.17488**
Comm_7	**29.931895**	.	**.284**	**-15.628982**	**74.641693**
Comm_8	**6.5492337**	.	**.794**	**-40.797871**	**51.817707**
Comm_9	**98.605286**	.	**0**	**93.06736**	**104.19734**
Comm_10	(dropped)				
Comm_11	**-10.76621**	.	**.7**	**-56.500267**	**33.89127**
Comm_12	**-85.890915**	.	**.002**	**-90.574287**	**-81.139778**
Comm_13	**96.110025**	.	**0**	**90.275414**	**101.91308**
Comm_14	**163.05127**	.	**0**	**116.42218**	**208.28697**
Comm_15	**8.0004307**	.	**.752**	**-36.812546**	**52.197147**
Comm_16	**68.604784**	.	**.03**	**21.070013**	**113.81026**
build2	**80.64899**	.	**.092**	**-1.4448042**	**156.4826**
cons	**92.360966**	.	**.048**	**25.300877**	**160.00459**

One-way Analysis of Variance for ttotal_fem..:

Number of obs = **1,494**
R-squared = **0.0345**

Source	SS	df	MS	F	Prob > F
Between comm	**12346918**	**14**	**881922.69**	**3.78**	**0.0000**
Within comm	**3.454e+08**	**1,479**	**233563.89**		
Total	**3.578e+08**	**1,493**	**239643.61**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.02735	**0.01417**	**0.00000**	**0.05512**

Estimated SD of comm effect **81.04196**
Estimated SD within comm **483.2845**
Est. reliability of a comm mean **0.73517**
(evaluated at n=**98.72**)

Table 4: Earnings
outcome ttotal_female_cross_earnings
>

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
```

```
.................................................   800
.................................................   850
.................................................   900
.................................................   950
.................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                          Number of obs =     1491
Num combinations   =    1                          R-squared     =   0.0346
                                                   Adj R-squared =   0.0235
                                                   G(comm)       =       15
                                                   (Bootstrapped)
```

ttotal_fem~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	.78110208	.	.98	-24.508245	24.98921
Wave_3	-28.57836	.	.096	-54.439686	-4.7009373
Wave_4	(dropped)				
Comm_1	43.743249	.	0	43.559441	43.933235
Comm_2	(dropped)				
Comm_3	128.29337	.	0	109.25813	148.32536
Comm_4	7.3149631	.	.566	-11.81365	26.756369
Comm_5	52.793018	.	0	51.307316	54.167988
Comm_6	53.945936	.	0	34.876198	73.539825
Comm_7	58.780649	.	0	39.645935	78.204369
Comm_8	44.65188	.	0	25.410023	64.775513
Comm_9	37.239523	.	0	35.209286	39.092239
Comm_10	(dropped)				
Comm_11	13.103133	.	.278	-5.8892069	32.592896
Comm_12	-38.091186	.	.002	-39.95248	-36.383007
Comm_13	74.853317	.	0	72.576141	76.922951
Comm_14	81.405933	.	0	62.270672	101.07883
Comm_15	9.9194329	.	.41	-8.903039	29.191734
Comm_16	66.642322	.	0	47.329723	86.589188
build2	79.21475	.	0	47.383339	112.65033
cons	3.1132821	.	.786	-22.345438	28.457651

One-way Analysis of Variance for ttotal_fem..:

```
                                        Number of obs =       1,491
                                            R-squared =      0.0255
```

Source	SS	df	MS	F	Prob > F
Between comm	2214738.1	14	158195.58	2.76	0.0005
Within comm	84657332	1,476	57355.916		
Total	86872070	1,490	58303.402		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.01753	0.01050	0.00000	0.03812

```
        Estimated SD of comm effect             31.99316
        Estimated SD within comm                 239.491
        Est. reliability of a comm mean          0.63744
             (evaluated at n=98.52)
-------------------------------------------------
   Table 4: Earnings
       outcome  ttotal_female_nocross_earnings
>
-------------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
.................................................    50
.................................................   100
.................................................   150
.................................................   200
.................................................   250
.................................................   300
```

```
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1494
Num combinations   =    1                       R-squared     =   0.0239
                                                Adj R-squared =   0.0126
                                                G(comm)       =       15
                                                (Bootstrapped)
```

ttotal_fem~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**-56.726012**	.	**.008**	**-84.135536**	**-31.285944**
Wave_3	**-8.2546739**	.	**.702**	**-46.869598**	**28.239569**
Wave_4	(dropped)				
Comm_1	**-52.661941**	.	**.002**	**-53.269104**	**-52.048271**
Comm_2	(dropped)				
Comm_3	**19.051307**	.	**.212**	**-4.4031897**	**41.371365**
Comm_4	**-22.251989**	.	**.184**	**-45.560944**	**.52255768**
Comm_5	**-5.3783581**	.	**.002**	**-7.5844264**	**-3.2811868**
Comm_6	**-7.5553522**	.	**.624**	**-31.236116**	**15.557695**
Comm_7	**-32.883325**	.	**.038**	**-56.398624**	**-10.401367**
Comm_8	**-42.589408**	.	**.006**	**-66.08709**	**-19.568296**
Comm_9	**11.428773**	.	**0**	**8.6810684**	**14.239036**
Comm_10	(dropped)				
Comm_11	**-28.378171**	.	**.088**	**-51.901363**	**-5.3822994**
Comm_12	**-46.644009**	.	**.002**	**-48.878849**	**-44.414673**
Comm_13	**-7.5893926**	.	**.002**	**-10.443256**	**-4.7830024**
Comm_14	**53.683627**	.	**.002**	**30.026831**	**76.964279**
Comm_15	**-42.516913**	.	**.004**	**-65.919212**	**-19.886879**
Comm_16	**-22.383766**	.	**.178**	**-46.018024**	**.81968361**
build2	**-7.5345304**	.	**.778**	**-47.208858**	**30.326887**
cons	**83.903073**	.	**.002**	**51.452934**	**118.06287**

One-way Analysis of Variance for ttotal_fem..:

Number of obs = **1,494**
R-squared = **0.0142**

Source	SS	df	MS	F	Prob > F
Between comm	**1287480.7**	**14**	**91962.909**	**1.52**	**0.0954**
Within comm	**89333615**	**1,479**	**60401.362**		
Total	**90621095**	**1,493**	**60697.318**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.00527	**0.00584**	**0.00000**	**0.01670**

Estimated SD of comm effect **17.88088**
Estimated SD within comm **245.7669**
Est. reliability of a comm mean **0.34320**
(evaluated at n=**98.71**)

```
69.
70.
71.
72.
73.
74.
75.
76. * ================================== *
77. * Table 5 - decomposing earnings     *
78. * ================================== *
79.
80.
81. * ------------------------ PANEL A: MEN ---------------------- *
82.
83.
84. local ylist "total_I_male_earnings total_I_male_cross_earnings total_I_male_nocross_
  > earnings ttotal_male_cross_wage ttotal_male_nocross_wage ttotal_male_cross_days ttot
  > al_male_nocross_days"

85.
86. foreach x of local ylist {
  2.
87.         display in red "-------------------------------------------"
  3.            display in red "   Table 5a: Male Earnings
  >                 "
  4.            display in red "       outcome  `x'
  >         "
  5.            display in red "-------------------------------------------"
  6.
88.         cgmwildboot `x' Wave_2 Wave_3 Wave_4 Comm_* build2, cluster(comm) bootcluste
  > r(comm) reps(`repbs')
  7.            loneway `x' comm
  8.
89. }
-------------------------------------------
   Table 5a: Male Earnings
       outcome  total_I_male_earnings
-------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................    50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                         Number of obs =     1507
Num combinations   =    1                         R-squared     =   0.0717
                                                  Adj R-squared =   0.0611
                                                  G(comm)       =       15
                                                  (Bootstrapped)
------------------------------------------------------------------------------
total_I_ma~s |       Coef.        Null     p-value    [95% Conf. Interval]
-------------+----------------------------------------------------------------
      Wave_2 |    .02701138           .         .59   -.05034944    .10009992
      Wave_3 |  (dropped)
```

Wave_4	**-.20147109**	.	**.002**	**-.26410472**	**-.13726629**
Comm_1	**.1570881**	.	**.01**	**.08669259**	**.23006177**
Comm_2	**.42903882**	.	**0**	**.3581495**	**.50256157**
Comm_3	**.44844227**	.	**0**	**.44543952**	**.45150825**
Comm_4	**.03284539**	.	**0**	**.02955305**	**.03609692**
Comm_5	**.32576396**	.	**0**	**.25488785**	**.39957398**
Comm_6	**.34382777**	.	**0**	**.34260282**	**.34505531**
Comm_7	**.26435504**	.	**0**	**.26169586**	**.26689726**
Comm_8	**.14188605**	.	**0**	**.14033496**	**.14344226**
Comm_9	**.29775976**	.	**0**	**.22360495**	**.3742404**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**-.1249269**	.	**.022**	**-.19838056**	**-.04919732**
Comm_13	**.3282531**	.	**0**	**.25482067**	**.40358886**
Comm_14	**.08410976**	.	**0**	**.08252427**	**.08566395**
Comm_15	**.26649619**	.	**0**	**.26539272**	**.26764911**
Comm_16	**.12625654**	.	**0**	**.12465421**	**.12775479**
build2	**.04778417**	.	**.464**	**-.07489534**	**.16556855**
cons	**.31081608**	.	**0**	**.27308926**	**.35106993**

One-way Analysis of Variance for total_I_ma..:

Number of obs = **1,507**
R-squared = **0.0532**

Source	SS	df	MS	F	Prob > F
Between comm	**37.843431**	**14**	**2.7031022**	**5.99**	**0.0000**
Within comm	**672.86924**	**1,492**	**.45098475**		
Total	**710.71267**	**1,506**	**.47192077**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.04777	**0.02158**	**0.00547**	**0.09006**

Estimated SD of comm effect **.1504069**
Estimated SD within comm **.671554**
Est. reliability of a comm mean **0.83316**
(evaluated at n=**99.55**)

Table 5a: Male Earnings
outcome total_I_male_cross_earnings

>

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1507**

Num combinations = **1**

R-squared = **0.0624**
Adj R-squared = **0.0517**
G(comm) = **15**
(Bootstrapped)

total_I_ma~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**.07518662**	.	**.002**	**.03608082**	**.11825481**
Wave_3	(dropped)				
Wave_4	**-.10523472**	.	**.002**	**-.1476931**	**-.05805971**
Comm_1	**.04342227**	.	**.018**	**.01420555**	**.07050482**
Comm_2	**.10460716**	.	**0**	**.07531455**	**.13158664**
Comm_3	**.29041422**	.	**0**	**.28837952**	**.29274949**
Comm_4	**.00763476**	.	**0**	**.0052127**	**.00983423**
Comm_5	**.1469327**	.	**0**	**.1180536**	**.17278601**
Comm_6	**.37166814**	.	**0**	**.37085381**	**.3724722**
Comm_7	**.21168293**	.	**0**	**.20968728**	**.2134781**
Comm_8	**.11671725**	.	**0**	**.11563572**	**.11787666**
Comm_9	**.21872462**	.	**0**	**.18943167**	**.24473928**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**-.09831298**	.	**.002**	**-.12751891**	**-.07219207**
Comm_13	**.14242958**	.	**0**	**.11337031**	**.16805524**
Comm_14	**.1185331**	.	**0**	**.11758377**	**.11947384**
Comm_15	**.15103392**	.	**0**	**.15039825**	**.15160289**
Comm_16	**.09711302**	.	**0**	**.09626678**	**.09806637**
build2	**.19194831**	.	**0**	**.15000252**	**.23948845**
cons	**.05341533**	.	**0**	**.02726373**	**.07666252**

One-way Analysis of Variance for total_I_ma..:

Number of obs = **1,507**
R-squared = **0.0470**

Source	SS	df	MS	F	Prob > F
Between comm	**20.050265**	**14**	**1.4321618**	**5.26**	**0.0000**
Within comm	**406.59738**	**1,492**	**.27251835**		
Total	**426.64764**	**1,506**	**.28329857**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.04099	**0.01915**	**0.00346**	**0.07852**

Estimated SD of comm effect **.1079281**
Estimated SD within comm **.5220329**
Est. reliability of a comm mean **0.80972**
(evaluated at n=**99.55**)

Table 5a: Male Earnings
outcome total_I_male_nocross_earnings
>

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
```

```
.................................................   750
.................................................   800
.................................................   850
.................................................   900
.................................................   950
.................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1507
Num combinations   =    1                       R-squared     =   0.0379
                                                Adj R-squared =   0.0269
                                                G(comm)       =       15
                                                (Bootstrapped)
```

total_I_ma~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	-.04630741	.	.336	-.11733338	.02357282
Wave_3	(dropped)				
Wave_4	-.09847412	.	.002	-.13488406	-.06163277
Comm_1	.0994222	.	.058	.03389171	.17298137
Comm_2	.34512356	.	0	.27905515	.41921115
Comm_3	.15789434	.	0	.15640749	.15938675
Comm_4	.02532355	.	0	.02339937	.02722964
Comm_5	.16454124	.	.01	.09736313	.23960011
Comm_6	-.01951219	.	.002	-.02033742	-.01871166
Comm_7	.05278118	.	0	.05139221	.05416047
Comm_8	.02512572	.	0	.02408921	.02616685
Comm_9	.06387223	.	.208	-.00654886	.14333393
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	-.0415458	.	.334	-.11090416	.03642907
Comm_13	.21095088	.	.002	.14161204	.28921059
Comm_14	-.03434918	.	.002	-.03558969	-.03315748
Comm_15	.11543373	.	0	.11439423	.11648299
Comm_16	.02916578	.	0	.02766803	.03064436
build2	-.12035361	.	.13	-.24581009	-.00817118
cons	.25731122	.	0	.22209027	.29400629

One-way Analysis of Variance for total_I_ma..:

```
                                        Number of obs =       1,507
                                            R-squared =      0.0276
```

Source	SS	df	MS	F	Prob > F
Between comm	11.229938	14	.80213841	3.02	0.0001
Within comm	395.90079	1,492	.26534905		
Total	407.13072	1,506	.27033913		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.01992	0.01137	0.00000	0.04220

```
Estimated SD of comm effect              .0734301
Estimated SD within comm                 .5151204
Est. reliability of a comm mean           0.66920
     (evaluated at n=99.55)
-----------------------------------------------
   Table 5a: Male Earnings
       outcome  ttotal_male_cross_wage
-----------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
.................................................    50
.................................................   100
.................................................   150
.................................................   200
.................................................   250
.................................................   300
```

```
....................................................    350
....................................................    400
....................................................    450
....................................................    500
....................................................    550
....................................................    600
....................................................    650
....................................................    700
....................................................    750
....................................................    800
....................................................    850
....................................................    900
....................................................    950
....................................................   1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =      306
Num combinations   =    1                       R-squared     =   0.1449
                                                Adj R-squared =   0.0944
                                                G(comm)       =       15
                                                (Bootstrapped)
```

ttotal_mal~e	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	-40.55937	.	.224	-82.074341	3.5363069
Wave_3	(dropped)				
Wave_4	-19.478592	.	.262	-44.29805	5.1126256
Comm_1	8.292942	.	.58	-16.687958	32.681652
Comm_2	60.259525	.	0	35.939919	84.538368
Comm_3	201.79367	.	0	198.39511	205.00583
Comm_4	107.77968	.	0	85.73185	128.53717
Comm_5	306.80352	.	0	280.20798	332.634
Comm_6	66.08511	.	0	60.544247	71.760788
Comm_7	66.014927	.	0	57.595802	74.171349
Comm_8	123.21098	.	0	119.73642	126.65602
Comm_9	80.82935	.	0	54.808548	105.98871
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	18.05988	.	.268	-10.813978	46.902279
Comm_13	71.100074	.	0	46.385624	95.255013
Comm_14	105.48755	.	0	100.8767	110.1412
Comm_15	14.543739	.	0	9.510848	19.602102
Comm_16	63.651078	.	0	57.369232	69.85051
build2	-5.6313963	.	.828	-51.718502	40.482658
cons	120.27968	.	0	98.23185	141.03717

One-way Analysis of Variance for ttotal_mal..:

```
                                        Number of obs =       306
                                            R-squared =    0.1378
```

Source	SS	df	MS	F	Prob > F
Between comm	1601328.3	14	114380.59	3.32	0.0001
Within comm	10018583	291	34428.119		
Total	11619911	305	38098.068		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.10519	0.05698	0.00000	0.21687

```
         Estimated SD of comm effect             63.61853
         Estimated SD within comm                185.5482
         Est. reliability of a comm mean          0.69900
              (evaluated at n=19.75)
-----------------------------------------------
   Table 5a: Male Earnings
       outcome  ttotal_male_nocross_wage
-----------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =      349
Num combinations   =    1                       R-squared     =   0.0682
                                                Adj R-squared =   0.0204
                                                G(comm)       =       15
                                                (Bootstrapped)
```

ttotal_mal~e	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	-5.7127186	.	.782	-42.098724	30.448286
Wave_3	(dropped)				
Wave_4	10.882994	.	.464	-17.190836	39.85791
Comm_1	42.432708	.	0	24.416079	59.309856
Comm_2	-26.348534	.	.002	-32.316425	-20.515259
Comm_3	51.034297	.	.078	6.3791714	94.362762
Comm_4	45.645075	.	.11	.42305869	89.497337
Comm_5	20.479346	.	.048	6.7281189	33.03809
Comm_6	-13.066072	.	.588	-56.645699	29.143503
Comm_7	-17.787255	.	.498	-63.728241	26.582851
Comm_8	-7.2183205	.	.744	-52.685123	36.75692
Comm_9	8.2111774	.	.176	-1.6203688	17.477657
Comm_10	(dropped)				
Comm_11	12.843631	.	.644	-31.515673	55.341496
Comm_12	(dropped)				
Comm_13	-35.401494	.	.002	-39.773308	-31.354319
Comm_14	6.2158467	.	.842	-36.525581	47.634171
Comm_15	-39.797243	.	.144	-79.599373	-.86436737
Comm_16	13.990779	.	.618	-31.526472	57.648521
build2	68.565753	.	.102	3.6131761	131.38751
cons	138.45289	.	0	82.911545	195.4744

```
            One-way Analysis of Variance for ttotal_mal..:

                                        Number of obs =          349
                                            R-squared =       0.0372
```

Source	SS	df	MS	F	Prob > F
Between comm	**277545.35**	**14**	**19824.668**	**0.92**	**0.5347**
Within comm	**7178703.8**	**334**	**21493.125**		
Total	**7456249.2**	**348**	**21426.003**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.00000*	**0.01682**	**0.00000**	**0.03296**

Estimated SD of comm effect .
Estimated SD within comm **146.6053**
Est. reliability of a comm mean **0.00000***
(evaluated at n=**22.94**)

(*) Truncated at zero.

Table 5a: Male Earnings
outcome ttotal_male_cross_days

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1494**
Num combinations = **1** R-squared = **0.0577**
Adj R-squared = **0.0469**
G(comm) = **15**
(Bootstrapped)

ttotal_mal~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**.32630113**	**.**	**.054**	**.08360866**	**.5842368**
Wave_3	(dropped)				
Wave_4	**-.36927329**	**.**	**.002**	**-.56446266**	**-.14874572**
Comm_1	**-.48209784**	**.**	**.002**	**-.48338613**	**-.48081031**
Comm_2	(dropped)				
Comm_3	**.65983596**	**.**	**0**	**.51456684**	**.81193763**
Comm_4	**-.89675458**	**.**	**.002**	**-1.0402316**	**-.74451596**
Comm_5	**-.54840408**	**.**	**.002**	**-.5609861**	**-.53704172**
Comm_6	**.84909129**	**.**	**0**	**.70415705**	**1.0053281**
Comm_7	**.14689094**	**.**	**.112**	**.00314514**	**.30076125**
Comm_8	**-.39069937**	**.**	**.002**	**-.53679734**	**-.23507743**
Comm_9	**-.03209971**	**.**	**.002**	**-.04918709**	**-.01645582**
Comm_10	(dropped)				
Comm_11	**-.90727583**	**.**	**.002**	**-1.0504671**	**-.75420946**
Comm_12	**-1.4452198**	**.**	**.002**	**-1.4588916**	**-1.4329013**
Comm_13	**-.17838994**	**.**	**.002**	**-.19583052**	**-.16213304**
Comm_14	**-.610525**	**.**	**.002**	**-.75589514**	**-.45430285**
Comm_15	**-.0902471**	**.**	**.278**	**-.23176877**	**.0610151**

Comm_16	**-.4389091**	.	**.002**	**-.58624065**	**-.28127104**
build2	**.86648227**	.	**0**	**.6175561**	**1.1233879**
cons	**1.2011571**	.	**0**	**.93497258**	**1.4525499**

One-way Analysis of Variance for ttotal_mal..:

Number of obs = **1,494**
R-squared = **0.0477**

Source	SS	df	MS	F	Prob > F
Between comm	**496.74949**	**14**	**35.482107**	**5.29**	**0.0000**
Within comm	**9920.4105**	**1,479**	**6.7075122**		
Total	**10417.16**	**1,493**	**6.9773342**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.04166	**0.01942**	**0.00359**	**0.07972**

Estimated SD of comm effect **.539963**
Estimated SD within comm **2.589887**
Est. reliability of a comm mean (evaluated at n=**98.69**) **0.81096**

Table 5a: Male Earnings
outcome ttotal_male_nocross_days

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1497**
Num combinations = **1** R-squared = **0.0417**
Adj R-squared = **0.0307**
G(comm) = **15**
(Bootstrapped)

ttotal_mal~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**-.01885758**	.	**.9**	**-.47336036**	**.44102028**
Wave_3	(dropped)				
Wave_4	**-.23117978**	.	**.2**	**-.54092592**	**.0716797**
Comm_1	**.58930069**	.	**.012**	**.22772594**	**.94237846**
Comm_2	**2.0484827**	.	**0**	**1.6835684**	**2.4056296**
Comm_3	**.62233545**	.	**0**	**.61230361**	**.63204885**
Comm_4	**.02312764**	.	**0**	**.00746241**	**.03937405**
Comm_5	**.81288964**	.	**.002**	**.44002172**	**1.1781315**
Comm_6	**-.00243402**	.	**.22**	**-.00577496**	**.00105576**
Comm_7	**.15622802**	.	**0**	**.14490049**	**.16766268**

Comm_8	**-.08929256**	.	**.002**	**-.09656678**	**-.08209582**
Comm_9	**-.0801539**	.	**.682**	**-.47282511**	**.30390692**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**-.3704699**	.	**.112**	**-.75534666**	**.00641954**
Comm_13	**1.1453162**	.	**0**	**.75885504**	**1.5241127**
Comm_14	**-.31150645**	.	**.002**	**-.31819221**	**-.30493873**
Comm_15	**.42579279**	.	**0**	**.41864273**	**.43299088**
Comm_16	**.15845297**	.	**0**	**.14869614**	**.16802537**
build2	**-.30277626**	.	**.36**	**-.91162622**	**.32039642**
cons	**1.2059432**	.	**0**	**.96479487**	**1.4513559**

One-way Analysis of Variance for ttotal_mal..:

Number of obs = **1,497**
R-squared = **0.0386**

Source	SS	df	MS	F	Prob > F
Between comm	**436.71403**	**14**	**31.193859**	**4.25**	**0.0000**
Within comm	**10881.058**	**1,482**	**7.3421441**		
Total	**11317.772**	**1,496**	**7.5653553**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.03180	**0.01582**	**0.00080**	**0.06281**

Estimated SD of comm effect **.4910997**
Estimated SD within comm **2.709639**
Est. reliability of a comm mean **0.76463**
(evaluated at n=**98.90**)

```
90.
91.
92. * ------------------------- PANEL B: WOMEN ----------------------- *
93.
94.
95. local ylist "total_I_female_earnings total_I_female_cross_earnings total_I_female_no
  > cross_earnings ttotal_female_cross_wage ttotal_female_nocross_wage ttotal_female_cro
  > ss_days ttotal_female_nocross_days"

96.
97. foreach x of local ylist {
    2.
98.         display in red "-------------------------------------------"
    3.         display in red "   Table 5b: Female Earnings
  >                 "
    4.         display in red "       outcome  `x'
  >         "
    5.         display in red "-------------------------------------------"
    6.
99.         cgmwildboot `x' Wave_2 Wave_3 Wave_4 Comm_* build2, cluster(comm) bootcluste
  > r(comm) reps(`repbs')
    7.         loneway `x' comm
    8.
100 }
  ------------------------------------------------
     Table 5b: Female Earnings
         outcome  total_I_female_earnings
  ------------------------------------------------
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  ..................................................    50
  ..................................................   100
  ..................................................   150
  ..................................................   200
  ..................................................   250
  ..................................................   300
  ..................................................   350
```

```
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1507
Num combinations   =    1                       R-squared     =   0.0623
                                                Adj R-squared =   0.0516
                                                G(comm)       =       15
                                                (Bootstrapped)
```

total_I_fe~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	.03327489	.	.184	-.00642048	.07605288
Wave_3	(dropped)				
Wave_4	.08660559	.	.058	.01632311	.15566817
Comm_1	-.05210677	.	.038	-.08884216	-.01648178
Comm_2	-.04974399	.	.042	-.08685943	-.01381764
Comm_3	.26142602	.	0	.25800842	.26489446
Comm_4	-.0591177	.	.002	-.06265493	-.05552073
Comm_5	-.01225201	.	.548	-.04894353	.02418612
Comm_6	.04931144	.	0	.04826142	.05034277
Comm_7	-.02407174	.	.002	-.02708114	-.02111971
Comm_8	-.03422386	.	.002	-.0358981	-.03259272
Comm_9	-.00166579	.	.914	-.03953735	.03660877
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	-.16626447	.	.002	-.20358978	-.12896504
Comm_13	.04044633	.	.086	.00308622	.07857151
Comm_14	.11964353	.	0	.11859618	.1207006
Comm_15	-.08385457	.	.002	-.08448216	-.0832776
Comm_16	.01139334	.	0	.01038716	.01241526
build2	.10907338	.	.018	.04720909	.16985181
cons	.09337408	.	0	.06239586	.12436989

One-way Analysis of Variance for total_I_fe..:

```
                                        Number of obs =       1,507
                                            R-squared =      0.0486
```

Source	SS	df	MS	F	Prob > F
Between comm	12.68882	14	.9063443	5.44	0.0000
Within comm	248.45385	1,492	.16652403		
Total	261.14267	1,506	.17340151		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.04272	0.01977	0.00397	0.08147

```
         Estimated SD of comm effect             .0862056
         Estimated SD within comm                .4080736
         Est. reliability of a comm mean          0.81627
              (evaluated at n=99.55)
-----------------------------------------------
   Table 5b: Female Earnings
       outcome  total_I_female_cross_earnings
>
-----------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                        Number of obs =     1507
Num combinations   =    1                        R-squared     =   0.0382
                                                 Adj R-squared =   0.0272
                                                 G(comm)       =       15
                                                 (Bootstrapped)
```

total_I_fe~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	.0591598	.	0	.03151747	.08633407
Wave_3	(dropped)				
Wave_4	.04867653	.	.078	.00271744	.091459
Comm_1	.0107031	.	.466	-.01166735	.03221345
Comm_2	-.06055576	.	.004	-.08313998	-.03896962
Comm_3	.15562547	.	0	.15330073	.15776168
Comm_4	-.03319642	.	.002	-.03539829	-.03082671
Comm_5	-.01848951	.	.166	-.04056631	.00304113
Comm_6	.04661004	.	0	.045911	.04732823
Comm_7	.01965352	.	0	.01781739	.02164956
Comm_8	.01539731	.	0	.01432676	.01642461
Comm_9	.01121163	.	.448	-.01190258	.03329557
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	-.09662076	.	.002	-.11923833	-.07468573
Comm_13	.03466885	.	.01	.01195478	.05669077
Comm_14	.09285818	.	0	.09214311	.09361921
Comm_15	-.02940134	.	.002	-.0297985	-.02898692
Comm_16	.03387161	.	0	.03320914	.03452269
build2	.10709244	.	0	.07130211	.14378428
cons	.01518845	.	.19	-.00390343	.03422577

```
                One-way Analysis of Variance for total_I_fe..:

                                          Number of obs =       1,507
                                              R-squared =      0.0283
```

Source	SS	df	MS	F	Prob > F
Between comm	**4.3177392**	**14**	**.30840994**	**3.10**	**0.0001**
Within comm	**148.35114**	**1,492**	**.09943106**		
Total	**152.66888**	**1,506**	**.10137376**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.02068	**0.01166**	**0.00000**	**0.04352**

Estimated SD of comm effect **.0458166**
Estimated SD within comm **.3153269**
Est. reliability of a comm mean **0.67760**
(evaluated at n=**99.55**)

Table 5b: Female Earnings
outcome total_I_female_nocross_earnings

>

Bootstrap reps (**1000**)
1 2 3 4 5
50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000

.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1507**
Num combinations = **1** R-squared = **0.0363**
Adj R-squared = **0.0253**
G(comm) = **15**
(Bootstrapped)

total_I_fe~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**-.02149129**	.	**.09**	**-.04200178**	**-.00027764**
Wave_3	(dropped)				
Wave_4	**.04124359**	.	**.02**	**.01196623**	**.07006807**
Comm_1	**-.0689559**	.	**.002**	**-.09200895**	**-.04707753**
Comm_2	**.02214525**	.	**.112**	**-.00099552**	**.04413434**
Comm_3	**.11386331**	.	**0**	**.11240206**	**.11533462**
Comm_4	**-.02609475**	.	**.002**	**-.0275701**	**-.02458908**
Comm_5	**-.0001712**	.	**1**	**-.0232075**	**.02239527**
Comm_6	**.00271136**	.	**0**	**.00216648**	**.00322993**
Comm_7	**-.04384494**	.	**.002**	**-.04510121**	**-.04258862**
Comm_8	**-.04952686**	.	**.002**	**-.05022184**	**-.04884916**
Comm_9	**-.01342295**	.	**.358**	**-.03738598**	**.01017994**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**-.07627231**	.	**.002**	**-.10006692**	**-.05308519**
Comm_13	**.00576642**	.	**.658**	**-.01790612**	**.02905924**
Comm_14	**.02682365**	.	**0**	**.02623235**	**.02741427**
Comm_15	**-.05451765**	.	**.002**	**-.0548352**	**-.0542133**
Comm_16	**-.02237627**	.	**.002**	**-.02283176**	**-.02191006**

build2	.01276655	.	.568	-.02476191	.05119581
cons	.07549184	.	0	.06239817	.08846924

One-way Analysis of Variance for total_I_fe..:

Number of obs = 1,507
R-squared = 0.0267

Source	SS	df	MS	F	Prob > F
Between comm	3.1982386	14	.22844561	2.93	0.0002
Within comm	116.47794	1,492	.07806832		
Total	119.67618	1,506	.07946625		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.01898	0.01102	0.00000	0.04058

Estimated SD of comm effect .0388654
Estimated SD within comm .2794071
Est. reliability of a comm mean 0.65826
(evaluated at n=99.55)

Table 5b: Female Earnings
outcome ttotal_female_cross_wage

Bootstrap reps (1000)
----+--- 1 ----+--- 2 ----+--- 3 ----+--- 4 ----+--- 5
.... 50
.... 100
.... 150
.... 200
.... 250
.... 300
.... 350
.... 400
.... 450
.... 500
.... 550
.... 600
.... 650
.... 700
.... 750
.... 800
.... 850
.... 900
.... 950
.... 1000

.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars= 1
Num combinations = 1
Number of obs = 147
R-squared = 0.1309
Adj R-squared = 0.0164
G(comm) = 15
(Bootstrapped)

ttotal_fem~e	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	(dropped)				
Wave_3	17.571798	.	.632	-39.889751	80.431221
Wave_4	10.080143	.	.87	-80.38839	100.87221
Comm_1	8.7589876	.	0	5.2882433	12.236542
Comm_2	1.2513907	.	.814	-11.031252	13.512347
Comm_3	214.05767	.	0	166.97595	260.15784
Comm_4	161.31291	.	0	137.0177	185.65576
Comm_5	70.336614	.	0	62.302155	78.276123
Comm_6	124.6513	.	0	67.657585	180.62679
Comm_7	80.006979	.	.012	24.548532	133.28204
Comm_8	220.21978	.	0	183.69101	253.92421

Comm_9	**122.43591**	.	**0**	**103.94782**	**140.81898**
Comm_10	(dropped)				
Comm_11	**-29.972986**	.	**.198**	**-68.86937**	**8.5772133**
Comm_12	(dropped)				
Comm_13	**43.411078**	.	**0**	**30.854807**	**56.056465**
Comm_14	**27.826996**	.	**.49**	**-34.01553**	**88.597939**
Comm_15	**381.31291**	.	**0**	**357.0177**	**405.65576**
Comm_16	**86.77785**	.	**0**	**42.305504**	**130.22014**
build2	**44.986943**	.	**.382**	**-28.510664**	**117.07095**
cons	**58.687087**	.	**0**	**34.344238**	**82.982307**

One-way Analysis of Variance for ttotal_fem..:

Number of obs = **147**
R-squared = **0.1247**

Source	SS	df	MS	F	Prob > F
Between comm	**754927.08**	**14**	**53923.363**	**1.34**	**0.1906**
Within comm	**5298052.6**	**132**	**40136.762**		
Total	**6052979.7**	**146**	**41458.765**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.03536	**0.05398**	**0.00000**	**0.14116**

Estimated SD of comm effect **38.35771**
Estimated SD within comm **200.3416**
Est. reliability of a comm mean **0.25567**
(evaluated at n=**9.37**)

Table 5b: Female Earnings
outcome ttotal_female_nocross_wage

>

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **107**
Num combinations = **1** R-squared = **0.2270**
Adj R-squared = **0.0794**
G(comm) = **15**
(Bootstrapped)

ttotal_fem~e	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**-133.70457**	.	**.002**	**-189.48795**	**-80.782028**
Wave_3	(dropped)				

Wave_4	-12.32724	.	.824	-90.615318	62.649948
Comm_1	(dropped)				
Comm_2	-578.13763	.	.002	-605.77881	-550.19061
Comm_3	-366.70542	.	.002	-465.69897	-262.63474
Comm_4	-572.01407	.	.002	-679.38702	-457.46201
Comm_5	-547.0708	.	.002	-594.15479	-496.224
Comm_6	-566.19805	.	.002	-667.99567	-458.69455
Comm_7	-524.85996	.	.002	-621.95654	-423.20279
Comm_8	-582.5361	.	.002	-681.9444	-476.84836
Comm_9	-511.22548	.	.002	-539.57947	-484.16299
Comm_10	(dropped)				
Comm_11	-569.19859	.	.002	-667.11005	-466.52612
Comm_12	-540	.	.002	-540	-540
Comm_13	-349.31178	.	.002	-374.54471	-324.27634
Comm_14	-411.13527	.	.002	-510.60004	-306.8699
Comm_15	-601.71224	.	.002	-705.3075	-493.10638
Comm_16	-438.69575	.	.002	-531.54962	-336.63763
build2	4.451376	.	1	-109.66522	127.06167
cons	707.87586	.	0	601.27466	808.08167

One-way Analysis of Variance for ttotal_fem..:

Number of obs = **107**
R-squared = **0.1805**

Source	SS	df	MS	F	Prob > F
Between comm	1081962.7	14	77283.05	1.45	0.1475
Within comm	4910839.2	92	53378.687		
Total	5992801.9	106	56535.867		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.06142	0.07729	0.00000	0.21290

Estimated SD of comm effect **59.10037**
Estimated SD within comm **231.0383**
Est. reliability of a comm mean **0.30931**
(evaluated at n=**6.84**)

Table 5b: Female Earnings
outcome ttotal_female_cross_days

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1493**
Num combinations = **1** R-squared = **0.0382**

Adj R-squared = **0.0271**
G(comm) = **15**
(Bootstrapped)

ttotal_fem~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	**.28614516**	.	**.004**	**.0957194**	**.4692063**
Wave_3	(dropped)				
Wave_4	**.22801252**	.	**.092**	**.01160813**	**.43612403**
Comm_1	**.00602299**	.	**0**	**.00522116**	**.0067935**
Comm_2	(dropped)				
Comm_3	**.87352927**	.	**0**	**.71588498**	**1.0218788**
Comm_4	**.14449517**	.	**.066**	**-.00308945**	**.28023416**
Comm_5	**.23853698**	.	**0**	**.22642599**	**.25104544**
Comm_6	**.43242208**	.	**0**	**.28130814**	**.57416129**
Comm_7	**.36461141**	.	**0**	**.21524405**	**.50232416**
Comm_8	**.308157**	.	**.004**	**.15355957**	**.45309174**
Comm_9	**.21034191**	.	**0**	**.18908465**	**.23200475**
Comm_10	(dropped)				
Comm_11	**.18677876**	.	**.034**	**.03667908**	**.32734922**
Comm_12	**-.31528738**	.	**.002**	**-.33121291**	**-.29950288**
Comm_13	**.44531053**	.	**0**	**.42628741**	**.4643265**
Comm_14	**.69757311**	.	**0**	**.54527313**	**.83966202**
Comm_15	**.08271382**	.	**.288**	**-.06538339**	**.22143602**
Comm_16	**.4041269**	.	**0**	**.250826**	**.54812288**
build2	**.5890992**	.	**.002**	**.31729791**	**.83767432**
cons	**-.18152389**	.	**.202**	**-.41510794**	**.07475825**

One-way Analysis of Variance for ttotal_fem..:

Number of obs = **1,493**
R-squared = **0.0264**

Source	SS	df	MS	F	Prob > F
Between comm	**93.488708**	**14**	**6.6777649**	**2.86**	**0.0003**
Within comm	**3445.4691**	**1,478**	**2.3311699**		
Total	**3538.9578**	**1,492**	**2.3719556**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.01855	**0.01089**	**0.00000**	**0.03989**

Estimated SD of comm effect **.2099155**
Estimated SD within comm **1.526817**
Est. reliability of a comm mean **0.65091**
(evaluated at n=**98.64**)

Table 5b: Female Earnings
outcome ttotal_female_nocross_days

>

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
```

```
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                          Number of obs =     1498
Num combinations   =    1                          R-squared     =   0.0227
                                                   Adj R-squared =   0.0115
                                                   G(comm)       =       15
                                                   (Bootstrapped)
```

ttotal_fem~s	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_2	-.17958637	.	.014	-.30343601	-.0566029
Wave_3	(dropped)				
Wave_4	.16868788	.	.02	.04864459	.28724593
Comm_1	-.20017736	.	.006	-.32012001	-.08946148
Comm_2	.27738457	.	0	.15629515	.38893983
Comm_3	.2088507	.	0	.20289987	.21469216
Comm_4	-.07585859	.	.002	-.08193968	-.06967662
Comm_5	.18173168	.	.008	.06036904	.29491821
Comm_6	-.00123779	.	.196	-.00277333	.00026188
Comm_7	-.10981333	.	.002	-.11476234	-.10477163
Comm_8	-.12949934	.	.002	-.13254498	-.12653059
Comm_9	.02985147	.	.642	-.09487094	.14668718
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	-.24531299	.	.002	-.36932009	-.12972979
Comm_13	.03762815	.	.538	-.08526009	.15362439
Comm_14	.16295224	.	0	.16028182	.1655325
Comm_15	-.18274913	.	.002	-.18459132	-.18092823
Comm_16	-.03955	.	.002	-.04230413	-.03684941
build2	-.07241269	.	.484	-.26223251	.1278477
cons	.36416392	.	0	.2921856	.43741336

One-way Analysis of Variance for ttotal_fem..:

```
                                        Number of obs =       1,498
                                            R-squared =      0.0125
```

Source	SS	df	MS	F	Prob > F
Between comm	31.048727	14	2.2177662	1.34	0.1747
Within comm	2449.9766	1,483	1.6520409		
Total	2481.0254	1,497	1.6573316		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.00345	0.00513	0.00000	0.01351

```
Estimated SD of comm effect              .0756029
Estimated SD within comm                 1.285317
Est. reliability of a comm mean           0.25509
     (evaluated at n=98.98)
```

```
101
102
103
104
105
106
107
108 * ================================ *
109 * Table 6 : farm impact            *
110 * ================================ *
111
112
113 // Input expenditures (Panels A and B)
114
115 local ylist "tintermed_spend tfert_spend tpest_spend"

116
117 foreach x of local ylist {
    2.
118         display in red "-------------------------------------------"
    3.          display in red "   Table 6: Farm investment     (panels A+B)     "
    4.          display in red "       outcome  `x'
  >          "
    5.          display in red "-------------------------------------------"
    6.
119         cgmwildboot `x' Wave_3 Wave_4 Comm_* build2, cluster(comm) bootcluster(comm)
  >  reps(`repbs')
    7.          cgmwildboot `x' Wave_3 Wave_4 Comm_* build_agr build_noagr, cluster(comm)
  >  bootcluster(comm) reps(`repbs')
    8.          loneway `x' comm
    9.
120 }
  -------------------------------------------
     Table 6: Farm investment     (panels A+B)
         outcome  tintermed_spend
  -------------------------------------------
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  ..................................................    50
  ..................................................   100
  ..................................................   150
  ..................................................   200
  ..................................................   250
  ..................................................   300
  ..................................................   350
  ..................................................   400
  ..................................................   450
  ..................................................   500
  ..................................................   550
  ..................................................   600
  ..................................................   650
  ..................................................   700
  ..................................................   750
  ..................................................   800
  ..................................................   850
  ..................................................   900
  ..................................................   950
  .................................................. 1000
  .
  Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
  Number of clustvars=    1                         Number of obs =     1492
  Num combinations   =    1                         R-squared     =   0.0799
                                                    Adj R-squared =   0.0693
                                                    G(comm)       =       15
                                                    (Bootstrapped)
  ------------------------------------------------------------------------------
  tintermed_~d |       Coef.        Null     p-value    [95% Conf. Interval]
  -------------+----------------------------------------------------------------
        Wave_3 |  -343.30048           .         .03  -612.96527  -69.540802
        Wave_4 |  -30.616074           .        .932  -356.52588   278.1398
        Comm_1 |  -1123.6453           .        .002  -1420.9115  -812.44849
        Comm_2 |  -952.38432           .        .002  -1251.5488  -638.66278
```

Comm_3	**-814.05036**	.	**.002**	**-823.71191**	**-803.95752**
Comm_4	**-159.23569**	.	**.002**	**-168.65779**	**-150.16678**
Comm_5	**-1305.7376**	.	**.002**	**-1600.335**	**-996.46997**
Comm_6	**-1081.7893**	.	**.002**	**-1086.5498**	**-1076.7877**
Comm_7	**-1199.3138**	.	**.002**	**-1208.7074**	**-1189.9869**
Comm_8	**59.086547**	.	**0**	**53.106373**	**65.103424**
Comm_9	**-461.62344**	.	**.016**	**-770.26508**	**-138.38933**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**821.15242**	.	**0**	**518.1167**	**1138.3231**
Comm_13	**-904.73734**	.	**.002**	**-1206.653**	**-588.70782**
Comm_14	**-792.50043**	.	**.002**	**-798.56433**	**-786.40295**
Comm_15	**-1375.3137**	.	**.002**	**-1379.3118**	**-1371.2271**
Comm_16	**-943.45995**	.	**.002**	**-949.08063**	**-937.98547**
build2	**659.96576**	.	**.036**	**146.84065**	**1149.6577**
cons	**1639.5101**	.	**0**	**1475.6691**	**1803.5126**

Bootstrap reps (**1000**)

```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```

.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)

Number of clustvars= **1** Number of obs = **1492**
Num combinations = **1** R-squared = **0.0981**
Adj R-squared = **0.0870**
G(comm) = **15**
(Bootstrapped)

tintermed_~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-341.37479**	.	**.038**	**-620.52704**	**-63.753864**
Wave_4	**-32.750539**	.	**.888**	**-355.84476**	**290.34369**
Comm_1	**-1019.457**	.	**.002**	**-1323.6058**	**-707.19739**
Comm_2	**-924.1858**	.	**.002**	**-1249.4298**	**-589.27985**
Comm_3	**-814.24255**	.	**.002**	**-824.3562**	**-804.2478**
Comm_4	**-159.04748**	.	**.002**	**-168.20557**	**-149.73058**
Comm_5	**-1239.4933**	.	**.002**	**-1550.875**	**-917.13147**
Comm_6	**-1081.7511**	.	**.002**	**-1086.5959**	**-1076.712**
Comm_7	**-1199.147**	.	**.002**	**-1208.2982**	**-1189.6824**
Comm_8	**58.963251**	.	**0**	**53.016594**	**64.802238**
Comm_9	**-469.96471**	.	**.048**	**-818.45813**	**-112.12875**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**618.71994**	.	**.018**	**205.39368**	**1026.7853**
Comm_13	**-883.43044**	.	**.002**	**-1216.359**	**-541.89203**
Comm_14	**-792.47584**	.	**.002**	**-798.77338**	**-786.36169**
Comm_15	**-1375.2863**	.	**.002**	**-1379.4758**	**-1371.1617**
Comm_16	**-943.51975**	.	**.002**	**-949.00104**	**-937.88232**
build_agr	**1231.4814**	.	**.028**	**471.87863**	**2006.9746**
build_noagr	**-7.1159996**	.	**1**	**-520.19513**	**488.24814**
cons	**1639.5198**	.	**0**	**1464.0176**	**1805.2943**

One-way Analysis of Variance for tintermed_~d:

Number of obs = **1,492**
R-squared = **0.0721**

Source	SS	df	MS	F	Prob > F
Between comm	**5.467e+08**	**14**	**39052816**	**8.19**	**0.0000**
Within comm	**7.041e+09**	**1,477**	**4767263.1**		
Total	**7.588e+09**	**1,491**	**5089193.1**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.06800	**0.02865**	**0.01184**	**0.12416**

Estimated SD of comm effect **589.7871**
Estimated SD within comm **2183.406**
Est. reliability of a comm mean **0.87793**
(evaluated at n=**98.56**)

Table 6: Farm investment (panels A+B)
outcome tfert_spend

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1**
Num combinations = **1**

Number of obs = **1493**
R-squared = **0.0616**
Adj R-squared = **0.0507**
G(comm) = **15**
(Bootstrapped)

tfert_spend	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-212.86573**	.	**.12**	**-426.82632**	**1.1540337**
Wave_4	**-128.60386**	.	**.524**	**-399.80573**	**123.64989**
Comm_1	**-781.39929**	.	**.002**	**-961.38678**	**-608.35205**
Comm_2	**-627.54286**	.	**.002**	**-808.21124**	**-454.05487**
Comm_3	**-593.37476**	.	**.002**	**-601.92548**	**-585.51093**
Comm_4	**4.0652446**	.	**.328**	**-2.8683317**	**11.327841**
Comm_5	**-859.23263**	.	**.002**	**-1035.9301**	**-688.97333**
Comm_6	**-771.88291**	.	**.002**	**-775.72223**	**-767.74805**
Comm_7	**-764.75106**	.	**.002**	**-771.7832**	**-757.12531**
Comm_8	**-314.74207**	.	**.002**	**-320.55844**	**-309.3002**
Comm_9	**-296.64625**	.	**.008**	**-477.61865**	**-123.17268**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**110.46465**	.	**.25**	**-69.29686**	**281.87387**
Comm_13	**-817.8684**	.	**.002**	**-995.43207**	**-645.77277**

Comm_14	**-591.96696**	.	**.002**	**-596.802**	**-586.85406**
Comm_15	**-959.84224**	.	**.002**	**-963.01599**	**-956.64746**
Comm_16	**-654.06093**	.	**.002**	**-658.22168**	**-649.86981**
build2	**383.31438**	.	**.032**	**100.591**	**673.91998**
cons	**1159.7113**	.	**0**	**1027.4899**	**1292.0353**

Bootstrap reps (**1000**)

```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```

.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)

Number of clustvars= **1** Number of obs = **1493**
Num combinations = **1** R-squared = **0.0763**
Adj R-squared = **0.0650**
G(comm) = **15**
(Bootstrapped)

tfert_spend	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-212.00956**	.	**.108**	**-413.44821**	**4.6020889**
Wave_4	**-129.5573**	.	**.486**	**-396.67056**	**135.06589**
Comm_1	**-111.493**	.	**.002**	**-136.77338**	**-86.142731**
Comm_2	(dropped)				
Comm_3	**18.423039**	.	**.856**	**-173.77237**	**202.84999**
Comm_4	**616.03194**	.	**0**	**419.60275**	**803.29541**
Comm_5	**-210.50678**	.	**.002**	**-229.07004**	**-191.58531**
Comm_6	**-159.98305**	.	**.16**	**-356.62082**	**30.027884**
Comm_7	**-152.79388**	.	**.194**	**-350.34607**	**36.964764**
Comm_8	**297.07598**	.	**.006**	**103.39787**	**483.42361**
Comm_9	**308.56482**	.	**0**	**288.603**	**328.48547**
Comm_10	(dropped)				
Comm_11	**611.88282**	.	**0**	**417.6312**	**798.61957**
Comm_12	**613.01869**	.	**0**	**540.4422**	**684.47137**
Comm_13	**-191.94773**	.	**.002**	**-203.5065**	**-180.70415**
Comm_14	**19.926864**	.	**.852**	**-177.52019**	**211.12425**
Comm_15	**-347.94724**	.	**.008**	**-540.78107**	**-164.09315**
Comm_16	**-42.204716**	.	**.728**	**-238.93152**	**148.07227**
build_agr	**702.07083**	.	**.016**	**248.46353**	**1135.7314**
build_noagr	**11.596882**	.	**.914**	**-305.3761**	**295.75262**
cons	**547.83415**	.	**0**	**431.77997**	**663.67548**

One-way Analysis of Variance for tfert_spend:

Number of obs = **1,493**
R-squared = **0.0567**

Source	SS	df	MS	F	Prob > F
Between comm	**1.654e+08**	**14**	**11817271**	**6.35**	**0.0000**
Within comm	**2.750e+09**	**1,478**	**1860758.4**		
Total	**2.916e+09**	**1,492**	**1954184.1**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.05146	**0.02293**	**0.00653**	**0.09640**

Estimated SD of comm effect **317.7351**
Estimated SD within comm **1364.096**
Est. reliability of a comm mean **0.84254**
(evaluated at n=**98.62**)

Table 6: Farm investment (panels A+B)
outcome tpest_spend

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1492**
Num combinations = **1** R-squared = **0.0779**
Adj R-squared = **0.0673**
G(comm) = **15**
(Bootstrapped)

tpest_spend	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-116.60995**	.	**.136**	**-248.32832**	**13.016804**
Wave_4	**-32.714947**	.	**.678**	**-175.14037**	**104.3384**
Comm_1	**-289.28759**	.	**.006**	**-440.92142**	**-140.61292**
Comm_2	**-270.4361**	.	**.01**	**-423.88214**	**-120.87557**
Comm_3	**-285.14356**	.	**.002**	**-291.1066**	**-279.34433**
Comm_4	**-156.88925**	.	**.002**	**-162.04152**	**-151.75758**
Comm_5	**-383.64773**	.	**.002**	**-534.83997**	**-239.25259**
Comm_6	**-307.75038**	.	**.002**	**-309.84186**	**-305.50876**
Comm_7	**-428.30469**	.	**.002**	**-433.07425**	**-423.36716**
Comm_8	**238.37875**	.	**0**	**234.93567**	**241.70442**
Comm_9	**-118.08319**	.	**.248**	**-276.32361**	**32.729576**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**523.56152**	.	**0**	**366.4584**	**673.14703**
Comm_13	**-149.55232**	.	**.156**	**-304.62527**	**-2.0859239**
Comm_14	**-198.52589**	.	**.002**	**-200.96843**	**-195.90401**
Comm_15	**-415.31128**	.	**.002**	**-417.26428**	**-413.40347**
Comm_16	**-290.49583**	.	**.002**	**-293.3125**	**-287.61761**
build2	**166.51706**	.	**.304**	**-70.739471**	**415.23022**
cons	**513.26799**	.	**0**	**446.48294**	**583.8725**

```
          |
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1492
Num combinations   =    1                       R-squared     =   0.0855
                                                Adj R-squared =   0.0743
                                                G(comm)       =       15
                                                (Bootstrapped)
```

tpest_spend	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-116.51006	.	.128	-245.37654	6.792377
Wave_4	-32.826122	.	.704	-181.05199	106.40678
Comm_1	-261.85212	.	.02	-415.00449	-111.60899
Comm_2	-262.8429	.	.024	-424.60159	-108.0854
Comm_3	-285.15462	.	.002	-291.46973	-278.96118
Comm_4	-156.87947	.	.002	-162.20749	-151.42584
Comm_5	-366.16805	.	.002	-520.66327	-213.81596
Comm_6	-307.7484	.	.002	-309.93555	-305.47934
Comm_7	-428.29602	.	.002	-433.46774	-423.15353
Comm_8	238.3724	.	0	234.72844	241.92009
Comm_9	-118.20229	.	.298	-286.97705	42.336971
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	469.80441	.	0	284.91052	648.41431
Comm_13	-145.87217	.	.182	-311.65384	10.372197
Comm_14	-198.52461	.	.002	-201.08696	-195.85957
Comm_15	-415.30986	.	.002	-417.21381	-413.50146
Comm_16	-290.49893	.	.002	-293.34698	-287.57758
build_agr	315.47723	.	.25	1.1629124	645.97339
build_noagr	-7.9555799	.	.994	-269.18259	259.08755
cons	513.26863	.	0	446.17694	585.77014

One-way Analysis of Variance for tpest_spend:

```
                                        Number of obs =       1,492
                                            R-squared =      0.0748
```

Source	SS	df	MS	F	Prob > F
Between comm	93495994	14	6678285.3	8.53	0.0000
Within comm	1.156e+09	1,477	782671.52		
Total	1.250e+09	1,491	838029.39		

```
          Intraclass       Asy.
          correlation      S.E.       [95% Conf. Interval]
          ---------------------------------------------------
             0.07099     0.02966        0.01287     0.12912

          Estimated SD of comm effect                244.562
          Estimated SD within comm                  884.6872
          Est. reliability of a comm mean           0.88280
               (evaluated at n=98.57)
```

```
121
122
123
124 // Farm Output (Panels A and B)
125
126 local ylist "tMaiz_harvest tMaiz_yield tFrijoles_harvest tFrijoles_yield tfarmprofit
  > 1b tfarmprofit2b"

127
128 foreach x of local ylist {
    2.
129
130         display in red "-----------------------------------------------"
    3.          display in red "   Table 6: Yield and Harvest (panels A+B)       "
    4.          display in red "       outcome = `x'
  > "
    5.          display in red "-----------------------------------------------"
    6.
131         cgmwildboot `x' Wave_3 Wave_4 Comm_* build2, cluster(comm) bootcluster(comm)
  >  reps(`repbs')
    7.          cgmwildboot `x' Wave_3 Wave_4 Comm_* build_agr build_noagr, cluster(comm)
  >  bootcluster(comm) reps(`repbs')
    8.          loneway `x' comm
    9.
132
133 }
  -----------------------------------------------
     Table 6: Yield and Harvest (panels A+B)
          outcome = tMaiz_harvest
  -----------------------------------------------
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  .................................................    50
  .................................................   100
  .................................................   150
  .................................................   200
  .................................................   250
  .................................................   300
  .................................................   350
  .................................................   400
  .................................................   450
  .................................................   500
  .................................................   550
  .................................................   600
  .................................................   650
  .................................................   700
  .................................................   750
  .................................................   800
  .................................................   850
  .................................................   900
  .................................................   950
  ................................................. 1000
  .
  Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
  Number of clustvars=    1                       Number of obs =     1492
  Num combinations   =    1                       R-squared     =   0.0835
                                                  Adj R-squared =   0.0729
                                                  G(comm)       =       15
                                                  (Bootstrapped)

  ------------------------------------------------------------------------------
  tMaiz_harv~t|       Coef.        Null     p-value    [95% Conf. Interval]
  ------------+-----------------------------------------------------------------
```

Wave_3	-.26073948	.	.676	-1.3915431	.80380446
Wave_4	1.0109863	.	.252	-.40050262	2.5265143
Comm_1	.34110132	.	0	.31442592	.36891866
Comm_2	(dropped)				
Comm_3	-1.7253459	.	.026	-2.9216688	-.61366957
Comm_4	2.1872279	.	.006	.92196584	3.3533876
Comm_5	2.3615482	.	0	2.2446327	2.4750612
Comm_6	-4.3861461	.	.002	-5.6431026	-3.2374198
Comm_7	-2.7565299	.	.002	-4.0270452	-1.5829203
Comm_8	-4.8249261	.	.002	-6.0506568	-3.7061117
Comm_9	-4.5137999	.	.002	-4.6687617	-4.359231
Comm_10	(dropped)				
Comm_11	4.6537781	.	0	3.4272592	5.7675152
Comm_12	-3.0667961	.	.002	-3.1707294	-2.9651296
Comm_13	-2.8597365	.	.002	-3.0059719	-2.7169161
Comm_14	-4.1026817	.	.002	-5.3625078	-2.9517939
Comm_15	-3.7200902	.	.002	-4.9628367	-2.5872965
Comm_16	-5.0540744	.	.002	-6.2972369	-3.9146099
build2	1.8061791	.	.142	-.18183061	3.6701841
cons	5.3737627	.	0	4.3449965	6.4164023

Bootstrap reps (1000)

```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```

.

Regress with clustered SEs/Wild bootstrap (1000 successful resamples)

Number of clustvars= 1 Number of obs = 1492
Num combinations = 1 R-squared = 0.0996
Adj R-squared = 0.0886
G(comm) = 15
(Bootstrapped)

tMaiz_harv~t	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-.26573526	.	.686	-1.3276768	.75803524
Wave_4	1.0165296	.	.218	-.51520997	2.4601572
Comm_1	.56884424	.	0	.46973839	.6678924
Comm_2	(dropped)				
Comm_3	-1.9412216	.	.01	-3.0146968	-.72540349
Comm_4	1.9703589	.	0	.86522156	3.1641884
Comm_5	2.4265811	.	0	2.3314173	2.52894
Comm_6	-4.6026198	.	.002	-5.6916094	-3.4045691
Comm_7	-2.9733462	.	.002	-4.0781569	-1.7808918
Comm_8	-5.0410368	.	.002	-6.1056943	-3.8206279
Comm_9	-4.7847407	.	.002	-5.0805898	-4.472887
Comm_10	(dropped)				
Comm_11	4.4375526	.	0	3.3863077	5.6465497
Comm_12	-4.098541	.	.002	-4.7747922	-3.4232826
Comm_13	-2.9945637	.	.002	-3.1933467	-2.7676687
Comm_14	-4.3191202	.	.002	-5.4078631	-3.117619
Comm_15	-3.9365359	.	.002	-4.9947934	-2.7424564
Comm_16	-5.2702939	.	.002	-6.3457465	-4.0551372
build_agr	4.1266504	.	.072	1.0692306	7.1696596

build_noagr	-.93865917	.	.274	-2.3451641	.46229643
cons	5.5901103	.	0	4.5478344	6.6225066

One-way Analysis of Variance for tMaiz_harv~t:

Number of obs = 1,492
R-squared = 0.0763

Source	SS	df	MS	F	Prob > F
Between comm	10899.34	14	778.52429	8.72	0.0000
Within comm	131911.17	1,477	89.310204		
Total	142810.51	1,491	95.781698		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.07263	0.03027	0.01331	0.13195

Estimated SD of comm effect 2.644741
Estimated SD within comm 9.450408
Est. reliability of a comm mean 0.88528
(evaluated at n=98.53)

Table 6: Yield and Harvest (panels A+B)
outcome = tMaiz_yield

Bootstrap reps (1000)
1 2 3 4 5
50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000

.

Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars= 1
Num combinations = 1
Number of obs = 359
R-squared = 0.1788
Adj R-squared = 0.1379
G(comm) = 15
(Bootstrapped)

tMaiz_yield	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-6.6312814	.	.038	-11.33328	-1.5275557
Wave_4	-3.42422	.	.112	-7.0463386	.6837731
Comm_1	-5.9149795	.	.022	-9.5976305	-2.4869108
Comm_2	-1.673831	.	.416	-5.6017241	1.9535116
Comm_3	.97054734	.	0	.83460128	1.0943077
Comm_4	1.4567839	.	.106	.2196732	2.8261361
Comm_5	4.6359998	.	.056	.76050216	8.4707489
Comm_6	-3.216397	.	.002	-4.1643748	-2.2080226
Comm_7	4.7231442	.	0	2.9018986	6.7354627
Comm_8	(dropped)				
Comm_9	-8.2935396	.	.002	-11.96104	-4.8860126

Comm_10	(dropped)				
Comm_11	**1.8286985**	.	**.01**	**.85153228**	**2.9042811**
Comm_12	**-9.7126779**	.	**.002**	**-12.926069**	**-6.6880326**
Comm_13	**-4.1533825**	.	**.116**	**-8.4501123**	**-.238162**
Comm_14	**-1.6250594**	.	**.008**	**-2.570209**	**-.61878937**
Comm_15	**-3.1424342**	.	**.002**	**-4.4461641**	**-1.7133007**
Comm_16	**-8.4129762**	.	**.002**	**-9.5770788**	**-7.1758008**
build2	**11.899211**	.	**0**	**6.985208**	**17.196321**
cons	**13.47381**	.	**0**	**10.372592**	**16.287926**

Bootstrap reps (**1000**)

```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```

.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)

Number of clustvars= **1** Number of obs = **359**
Num combinations = **1** R-squared = **0.1832**
Adj R-squared = **0.1399**
G(comm) = **15**
(Bootstrapped)

tMaiz_yield	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-6.6878238**	.	**.05**	**-11.625613**	**-1.6349515**
Wave_4	**-3.3786424**	.	**.15**	**-7.1951485**	**.4946796**
Comm_1	**-5.8064821**	.	**.028**	**-9.3919973**	**-1.993673**
Comm_2	**-1.4604144**	.	**.536**	**-5.2558007**	**2.5991464**
Comm_3	**.96792838**	.	**0**	**.83714306**	**1.0974997**
Comm_4	**1.4171306**	.	**.096**	**.11463482**	**2.7721529**
Comm_5	**4.9618066**	.	**.072**	**1.1617736**	**9.0373287**
Comm_6	**-3.2464732**	.	**.002**	**-4.2210875**	**-2.2711494**
Comm_7	**4.6645419**	.	**.004**	**2.7454357**	**6.6307931**
Comm_8	(dropped)				
Comm_9	**-8.5178503**	.	**.008**	**-12.320952**	**-4.542737**
Comm_10	(dropped)				
Comm_11	**1.7979052**	.	**.012**	**.77770424**	**2.8600397**
Comm_12	**-9.904308**	.	**.002**	**-13.310046**	**-6.4306693**
Comm_13	**-4.3934284**	.	**.104**	**-8.8132792**	**.2059312**
Comm_14	**-1.6487116**	.	**.014**	**-2.6240718**	**-.67850834**
Comm_15	**-3.1814691**	.	**.002**	**-4.5238438**	**-1.7949672**
Comm_16	**-8.4370634**	.	**.002**	**-9.6523161**	**-7.1710649**
build_agr	**12.838074**	.	**.006**	**6.5106401**	**19.104755**
build_noagr	**9.2161272**	.	**.012**	**4.0730319**	**13.970908**
cons	**13.500508**	.	**0**	**10.473038**	**16.45887**

One-way Analysis of Variance for tMaiz_yield:

Number of obs = **359**
R-squared = **0.1259**

Source	SS	df	MS	F	Prob > F
Between comm	**7379.3001**	**14**	**527.09287**	**3.54**	**0.0000**
Within comm	**51212.455**	**344**	**148.87342**		
Total	**58591.755**	**358**	**163.66412**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.09696	**0.04873**	**0.00145**	**0.19246**

Estimated SD of comm effect **3.997985**
Estimated SD within comm **12.20137**
Est. reliability of a comm mean **0.71756**
(evaluated at n=**23.66**)

Table 6: Yield and Harvest (panels A+B)
outcome = tFrijoles_harvest

Bootstrap reps (**1000**)
```
----+--- 1 ----+--- 2 ----+--- 3 ----+--- 4 ----+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1499**
Num combinations = **1** R-squared = **0.1141**
Adj R-squared = **0.1039**
G(comm) = **15**
(Bootstrapped)

tFrijoles_~t	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-.62762953**	.	**.266**	**-1.5988382**	**.34177548**
Wave_4	**.18538377**	.	**.636**	**-.73588294**	**1.1106375**
Comm_1	**-4.3905807**	.	**.002**	**-5.0655041**	**-3.7351475**
Comm_2	**-3.3793488**	.	**.002**	**-4.0577521**	**-2.7201567**
Comm_3	**-3.134869**	.	**.002**	**-3.1633737**	**-3.1062703**
Comm_4	**-.19929595**	.	**.002**	**-.23428409**	**-.16322307**
Comm_5	**-3.8698237**	.	**.002**	**-4.5452261**	**-3.2112117**
Comm_6	**-3.6086764**	.	**.002**	**-3.6409342**	**-3.5755959**
Comm_7	**-3.8425481**	.	**.002**	**-3.8758826**	**-3.8076866**
Comm_8	**-2.3992169**	.	**.002**	**-2.4321284**	**-2.3662453**
Comm_9	**-3.4464711**	.	**.002**	**-4.1340523**	**-2.7733719**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**2.8849792**	.	**0**	**2.202352**	**3.5529108**
Comm_13	**-2.9118721**	.	**.002**	**-3.5954204**	**-2.244174**
Comm_14	**-2.2844653**	.	**.002**	**-2.3220377**	**-2.2461462**
Comm_15	**-3.8462056**	.	**.002**	**-3.8538315**	**-3.8383763**
Comm_16	**-4.0749549**	.	**.002**	**-4.1126904**	**-4.0362735**
build2	**1.0208869**	.	**.124**	**-.09890041**	**2.1677067**
cons	**4.3069469**	.	**0**	**3.7854476**	**4.8328123**

```
          |
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1499
Num combinations   =    1                       R-squared     =   0.1170
                                                Adj R-squared =   0.1063
                                                G(comm)       =       15
                                                (Bootstrapped)
```

tFrijoles_~t	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-.62786659	.	.292	-1.6165073	.35222384
Wave_4	.18564383	.	.638	-.70403922	1.1255704
Comm_1	-4.282447	.	.002	-4.8841834	-3.6451943
Comm_2	-3.3460804	.	.002	-3.9993317	-2.6746676
Comm_3	-3.1348464	.	.002	-3.1656561	-3.1053386
Comm_4	-.19932514	.	.002	-.23729603	-.16003621
Comm_5	-3.7992925	.	.002	-4.4222856	-3.1476405
Comm_6	-3.6086817	.	.002	-3.6421084	-3.5764322
Comm_7	-3.8425691	.	.002	-3.8780451	-3.8052695
Comm_8	-2.399205	.	.002	-2.4317641	-2.3649132
Comm_9	-3.4567448	.	.002	-4.1645331	-2.7312894
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	2.6911414	.	0	1.8505069	3.5322535
Comm_13	-2.8932393	.	.002	-3.5671618	-2.1899023
Comm_14	-2.2844689	.	.002	-2.3233383	-2.246495
Comm_15	-3.8462096	.	.002	-3.8542306	-3.8380389
Comm_16	-4.0749482	.	.002	-4.1138396	-4.0361834
build_agr	1.5757759	.	.152	-.01351766	3.2251313
build_noagr	.35457358	.	.55	-.67673242	1.332375
cons	4.3069471	.	0	3.7701931	4.8283582

One-way Analysis of Variance for tFrijoles_~t:

```
                                    Number of obs =        1,499
                                        R-squared =       0.1088
```

Source	SS	df	MS	F	Prob > F
Between comm	4999.9941	14	357.14243	12.94	0.0000
Within comm	40942.854	1,484	27.589524		
Total	45942.848	1,498	30.669458		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.10766	**0.04155**	**0.02622**	**0.18910**

Estimated SD of comm effect **1.824448**
Estimated SD within comm **5.252573**
Est. reliability of a comm mean **0.92275**
(evaluated at n=**99.01**)

Table 6: Yield and Harvest (panels A+B)
outcome = tFrijoles_yield

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```

.

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **356**
Num combinations = **1** R-squared = **0.1528**
Adj R-squared = **0.1102**
G(comm) = **15**
(Bootstrapped)

tFrijoles_~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-1.4060239**	.	**.502**	**-4.7363276**	**1.8971955**
Wave_4	**3.4522179**	.	**.106**	**.67735595**	**6.1897807**
Comm_1	**.33174912**	.	**.726**	**-1.3482586**	**1.9480451**
Comm_2	**1.3423399**	.	**.236**	**-.35024446**	**3.0304947**
Comm_3	**1.7949834**	.	**.002**	**.99962372**	**2.54514**
Comm_4	**8.6065934**	.	**0**	**7.9475937**	**9.2456741**
Comm_5	**2.1982077**	.	**.048**	**.52262962**	**3.8170321**
Comm_6	**2.1303317**	.	**0**	**1.6650645**	**2.5707676**
Comm_7	**-.49833424**	.	**.232**	**-1.0929476**	**.08828638**
Comm_8	**4.7911554**	.	**0**	**3.8556609**	**5.6853781**
Comm_9	**1.2070675**	.	**.246**	**-.49848491**	**2.8587511**
Comm_10	(dropped)				
Comm_11	**5.9125294**	.	**0**	**5.102098**	**6.6981473**
Comm_12	**4.4413453**	.	**.002**	**2.8183789**	**6.0396972**
Comm_13	**5.1470955**	.	**.002**	**3.4432945**	**6.8533516**
Comm_14	**2.5920394**	.	**0**	**2.08687**	**3.0443146**
Comm_15	**-.15870299**	.	**.578**	**-.61496335**	**.30377418**
Comm_16	(dropped)				
build2	**2.1942232**	.	**.326**	**-1.0616583**	**5.5140381**
cons	**1.023891**	.	**.26**	**-.34489045**	**2.4113221**

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
```

```
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
.................................................. 1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =      356
Num combinations   =    1                       R-squared     =   0.1528
                                                Adj R-squared =   0.1076
                                                G(comm)       =       15
                                                (Bootstrapped)
```

tFrijoles_~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-1.4070036	.	.562	-4.9099526	2.0904424
Wave_4	3.4535302	.	.098	.76306242	6.1565633
Comm_1	.34899505	.	.708	-1.2665714	1.8318717
Comm_2	1.3624454	.	.186	-.28117791	2.8223681
Comm_3	1.7958928	.	.002	1.0014107	2.6052563
Comm_4	8.6070796	.	0	7.8944745	9.3153467
Comm_5	2.2209933	.	.028	.6481331	3.6720183
Comm_6	2.1309213	.	0	1.6802013	2.5843668
Comm_7	-.49805305	.	.25	-1.0745819	.08116817
Comm_8	4.7921068	.	0	3.8067362	5.7816763
Comm_9	1.1989134	.	.242	-.52123958	2.7602358
Comm_10	(dropped)				
Comm_11	5.9132595	.	0	5.0592537	6.7594604
Comm_12	4.4383384	.	.008	2.8306589	5.9240651
Comm_13	5.1410649	.	.006	3.435447	6.7365952
Comm_14	2.5926858	.	0	2.1187692	3.0771003
Comm_15	-.1589217	.	.552	-.60942727	.28948957
Comm_16	(dropped)				
build_agr	2.2308209	.	.36	-.9098165	5.6850777
build_noagr	2.0659759	.	.356	-1.2040523	5.4737821
cons	1.0232349	.	.282	-.32828143	2.3684688

One-way Analysis of Variance for tFrijoles_~d:

```
                                        Number of obs =       356
                                            R-squared =    0.0911
```

Source	SS	df	MS	F	Prob > F
Between comm	2073.9733	14	148.14095	2.44	0.0027
Within comm	20686.544	341	60.664352		
Total	22760.517	355	64.114133		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.05905	0.03881	0.00000	0.13511

```
         Estimated SD of comm effect             1.951081
         Estimated SD within comm                7.788732
         Est. reliability of a comm mean          0.59050
              (evaluated at n=22.98)
------------------------------------------------
   Table 6: Yield and Harvest (panels A+B)
       outcome = tfarmprofit1b
------------------------------------------------
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1478
Num combinations   =    1                       R-squared     =   0.0933
                                                Adj R-squared =   0.0827
                                                G(comm)       =       15
                                                (Bootstrapped)
```

tfarmprof~1b	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-1611.4355	.	.016	-2475.7708	-655.78009
Wave_4	-625.02611	.	.202	-1452.0516	190.66119
Comm_1	-2114.3734	.	.002	-2116.1172	-2112.7139
Comm_2	(dropped)				
Comm_3	-744.43664	.	.088	-1471.1195	-26.484219
Comm_4	3189.5589	.	0	2450.8308	3900.2056
Comm_5	-786.01851	.	.002	-816.52588	-755.38019
Comm_6	-1782.9117	.	.002	-2526.9448	-1051.413
Comm_7	-869.30999	.	.05	-1617.6956	-145.64874
Comm_8	-1213.6865	.	.012	-1955.0511	-490.83466
Comm_9	-3237.8339	.	.002	-3271.9819	-3204.3787
Comm_10	(dropped)				
Comm_11	2025.38	.	0	1302.0095	2729.0522
Comm_12	3996.0927	.	0	3963.2712	4028.3455
Comm_13	-1869.5161	.	.002	-1902.4163	-1836.5863
Comm_14	-1007.6894	.	.028	-1757.821	-268.76254
Comm_15	-1593.4875	.	.002	-2325.2429	-880.70209
Comm_16	-2769.6515	.	.002	-3516.1958	-2039.2069
build2	2223.4297	.	.004	1012.8663	3423.8865
cons	3190.1804	.	0	2690.0378	3690.5759

```
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
```

```
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                          Number of obs =     1478
Num combinations   =    1                          R-squared     =   0.0988
                                                   Adj R-squared =   0.0877
                                                   G(comm)       =       15
                                                   (Bootstrapped)
```

tfarmprof~1b	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-1611.8907	.	.014	-2544.1973	-711.46143
Wave_4	-624.52676	.	.192	-1422.3527	173.29927
Comm_1	-1981.4928	.	.002	-2045.6465	-1925.3502
Comm_2	(dropped)				
Comm_3	-788.93569	.	.044	-1410.9834	-157.89981
Comm_4	3144.9655	.	0	2532.0256	3786.4409
Comm_5	-721.20138	.	.002	-761.64673	-679.55267
Comm_6	-1827.4642	.	.004	-2474.7102	-1168.9984
Comm_7	-913.89272	.	.022	-1546.2938	-257.76047
Comm_8	-1258.2007	.	.004	-1894.9347	-610.25171
Comm_9	-3302.4314	.	.002	-3355.1304	-3250.7461
Comm_10	(dropped)				
Comm_11	1980.8247	.	0	1381.6559	2610.5637
Comm_12	3591.5184	.	0	3396.781	3794.0586
Comm_13	-1867.7765	.	.002	-1899.8604	-1835.082
Comm_14	-1052.2388	.	.01	-1703.8209	-387.68848
Comm_15	-1638.0375	.	.004	-2259.4788	-992.89331
Comm_16	-2814.184	.	.002	-3459.811	-2157.0518
build_agr	3211.4626	.	0	2013.6113	4456.3364
build_noagr	1086.2844	.	.124	-17.85486	2258.9192
cons	3234.7231	.	0	2805.6846	3666.8755

One-way Analysis of Variance for tfarmprof~1b:

```
                                   Number of obs =       1,478
                                       R-squared =      0.0845
```

Source	SS	df	MS	F	Prob > F
Between comm	6.142e+09	14	4.387e+08	9.64	0.0000
Within comm	6.657e+10	1,463	45502926		
Total	7.271e+10	1,477	49230062		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.08132	0.03317	0.01631	0.14632

Estimated SD of comm effect **2006.91**
Estimated SD within comm **6745.586**
Est. reliability of a comm mean **0.89628**
(evaluated at n=**97.63**)

Table 6: Yield and Harvest (panels A+B)
outcome = tfarmprofit2b

Bootstrap reps (**1000**)
1 2 3 4 5
50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000

Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1478**
Num combinations = **1** R-squared = **0.0913**
Adj R-squared = **0.0807**
G(comm) = **15**
(Bootstrapped)

tfarmprof~2b	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-1289.3068**	.	**.108**	**-2560.9033**	**-53.207958**
Wave_4	**-521.21399**	.	**.41**	**-1605.1804**	**554.20532**
Comm_1	**-6049.3483**	.	**.002**	**-6894.5859**	**-5187.1128**
Comm_2	**-3919.6524**	.	**.002**	**-4765.2085**	**-3057.9768**
Comm_3	**-4887.2812**	.	**.002**	**-4952.6665**	**-4820.5073**
Comm_4	**296.67223**	.	**0**	**247.8139**	**346.33038**
Comm_5	**-4446.7944**	.	**.002**	**-5292.123**	**-3593.0342**
Comm_6	**-5907.7446**	.	**.002**	**-5980.2607**	**-5832.0229**
Comm_7	**-4954.8251**	.	**.002**	**-5002.9136**	**-4905.9521**
Comm_8	**-5340.2929**	.	**.002**	**-5420.9155**	**-5257.8232**
Comm_9	**-7195.9018**	.	**.002**	**-8066.4614**	**-6317.6201**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**29.265573**	.	**1**	**-842.31525**	**916.47845**
Comm_13	**-5746.7463**	.	**.002**	**-6612.209**	**-4876.6577**
Comm_14	**-4618.0353**	.	**.002**	**-4703.5215**	**-4528.7021**
Comm_15	**-5723.6135**	.	**.002**	**-5764.3799**	**-5681.9087**
Comm_16	**-6652.5353**	.	**.002**	**-6737.708**	**-6565.0947**
build2	**1957.6053**	.	**.03**	**459.78058**	**3450.0278**
cons	**7193.2618**	.	**0**	**6539.7559**	**7851.1934**

Bootstrap reps (**1000**)
1 2 3 4 5
50 100 150 200 250 300 350 400 450

```
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                          Number of obs =     1478
Num combinations   =    1                          R-squared     =   0.0964
                                                   Adj R-squared =   0.0853
                                                   G(comm)       =       15
                                                   (Bootstrapped)
```

tfarmprof~2b	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-1289.7824	.	.094	-2540.9946	-25.199438
Wave_4	-520.6962	.	.474	-1574.8534	574.49268
Comm_1	-5863.7009	.	.002	-6626.6538	-5042.2368
Comm_2	-3872.9296	.	.002	-4655.8213	-3026.0627
Comm_3	-4887.2082	.	.002	-4958.3159	-4817.9951
Comm_4	296.64767	.	0	246.59163	344.50912
Comm_5	-4332.3058	.	.002	-5109.0132	-3504.6821
Comm_6	-5907.7272	.	.002	-5984.0054	-5835.6489
Comm_7	-4954.8489	.	.002	-5004.2212	-4907.6133
Comm_8	-5340.2358	.	.002	-5423.7129	-5258.5405
Comm_9	-7216.7066	.	.002	-8014.8271	-6355.0923
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	-346.97826	.	.45	-1162.644	548.19403
Comm_13	-5697.8623	.	.002	-6495.499	-4845.4487
Comm_14	-4618.0146	.	.002	-4707.9766	-4532.8662
Comm_15	-5723.5936	.	.002	-5764.8843	-5684.4629
Comm_16	-6652.4971	.	.002	-6739.1494	-6568.9937
build_agr	2990.3653	.	0	1448.5078	4442.2085
build_noagr	768.52516	.	.346	-794.6626	2232.2019
cons	7193.2354	.	0	6525.3921	7801.0239

One-way Analysis of Variance for tfarmprof~2b:

```
                                   Number of obs =       1,478
                                       R-squared =      0.0861
```

Source	SS	df	MS	F	Prob > F
Between comm	7.401e+09	14	5.287e+08	9.84	0.0000
Within comm	7.857e+10	1,463	53704998		
Total	8.597e+10	1,477	58206883		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.08307	0.03376	0.01690	0.14923

```
Estimated SD of comm effect              2205.738
Estimated SD within comm                 7328.369
Est. reliability of a comm mean           0.89841
     (evaluated at n=97.62)
```

```
134
135
136 * ================================= *
137 * Table 7 : farm saving decisions   *
138 * ================================= *
139 local ylist "corn_store2_rate bean_store2_rate"

140
141 foreach x of local ylist {
    2.
142         display in red "-------------------------------------------"
    3.         display in red "       Table 7: Storage                    "
    4.         display in red "       crop = `x'
  >         "
    5.         display in red "-------------------------------------------"
    6.
143         cgmwildboot `x' Wave_3 Wave_4 Comm_* build2, cluster(comm) bootcluster(comm)
  >  reps(`repbs')
    7.         cgmwildboot `x' Wave_3 Wave_4 Comm_* build_agr build_noagr, cluster(comm)
  >  bootcluster(comm) reps(`repbs')
    8.         loneway `x' comm
    9.
144
145 }
  -------------------------------------------
        Table 7: Storage
        crop = corn_store2_rate
  -------------------------------------------
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  ..................................................    50
  ..................................................   100
  ..................................................   150
  ..................................................   200
  ..................................................   250
  ..................................................   300
  ..................................................   350
  ..................................................   400
  ..................................................   450
  ..................................................   500
  ..................................................   550
  ..................................................   600
  ..................................................   650
  ..................................................   700
  ..................................................   750
  ..................................................   800
  ..................................................   850
  ..................................................   900
  ..................................................   950
  .................................................. 1000
  .
  Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
  Number of clustvars=    1                       Number of obs =     1507
  Num combinations   =    1                       R-squared     =   0.0570
                                                  Adj R-squared =   0.0463
                                                  G(comm)       =       15
                                                  (Bootstrapped)

  ------------------------------------------------------------------------------
  corn_store~e |       Coef.        Null     p-value    [95% Conf. Interval]
  -------------+----------------------------------------------------------------
        Wave_3 |    .03129341           .        .114  -.00143248   .06498856
        Wave_4 |    -.0101704           .         .78  -.06727643   .04456134
        Comm_1 |    .05998068           .        .008   .02473469   .09495294
        Comm_2 |    .09469266           .           0   .05920466   .12985429
        Comm_3 |     .1274388           .           0   .12514992    .1297237
        Comm_4 |    .05222099           .           0   .04994912   .05442647
        Comm_5 |    .11243897           .           0   .07829859   .14583534
        Comm_6 |    .13395563           .           0   .13310041   .13485201
        Comm_7 |    .17229313           .           0   .17037921   .17422387
        Comm_8 |    .15767379           .           0   .15667076   .15869862
        Comm_9 |    .16337911           .           0   .12819105   .19788444
       Comm_10 |   (dropped)
```

Comm_11	(dropped)				
Comm_12	.1529018	.	0	.11759161	.1874451
Comm_13	.15871604	.	0	.12427026	.19288409
Comm_14	.13615134	.	0	.13518095	.13715678
Comm_15	.14527405	.	0	.14478478	.14577949
Comm_16	.1780457	.	0	.17738061	.17871584
build2	-.0848293	.	.016	-.14024772	-.02931337
cons	.80388587	.	0	.77896774	.82761812

Bootstrap reps (1000)

```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```

.

Regress with clustered SEs/Wild bootstrap (1000 successful resamples)

Number of clustvars= 1 Number of obs = 1507
Num combinations = 1 R-squared = 0.0680
Adj R-squared = 0.0568
G(comm) = 15
(Bootstrapped)

corn_store~e	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	.03122065	.	.152	-.00429707	.06692928
Wave_4	-.01009027	.	.806	-.06444456	.04372009
Comm_1	-.04067617	.	.002	-.04378542	-.03757584
Comm_2	(dropped)				
Comm_3	.03544687	.	.088	.00140131	.06825103
Comm_4	-.03978596	.	.072	-.07503065	-.00579872
Comm_5	.01476611	.	0	.01187474	.01766969
Comm_6	.04195514	.	.044	.0067392	.07599343
Comm_7	.08028779	.	.002	.0449829	.11451253
Comm_8	.06567852	.	.006	.03114435	.09907197
Comm_9	.07180502	.	0	.06739888	.07616603
Comm_10	(dropped)				
Comm_11	-.09199906	.	.002	-.12675883	-.0586353
Comm_12	.07721024	.	0	.06671864	.08769101
Comm_13	.06517345	.	0	.06153606	.06888301
Comm_14	.04415135	.	.034	.00876854	.07842863
Comm_15	.05327395	.	.016	.01881028	.08609828
Comm_16	.0860489	.	0	.05093519	.12012188
build_agr	-.12894645	.	.012	-.1990591	-.05805999
build_noagr	-.03164232	.	.28	-.08110196	.01850205
cons	.89588471	.	0	.87664646	.91516769

One-way Analysis of Variance for corn_~2_rate:

Number of obs = 1,507
R-squared = 0.0422

Source	SS	df	MS	F	Prob > F
Between comm	**3.3063686**	**14**	**.23616919**	**4.70**	**0.0000**
Within comm	**75.044586**	**1,492**	**.05029798**		
Total	**78.350954**	**1,506**	**.05202587**		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.03579	**0.01726**	**0.00196**	**0.06962**

Estimated SD of comm effect **.0432094**
Estimated SD within comm **.2242721**
Est. reliability of a comm mean **0.78703**
(evaluated at n=**99.55**)

Table 7: Storage
crop = bean_store2_rate

Bootstrap reps (**1000**)
```
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
```
.
Regress with clustered SEs/Wild bootstrap (**1000** successful resamples)
Number of clustvars= **1** Number of obs = **1507**
Num combinations = **1** R-squared = **0.0834**
Adj R-squared = **0.0729**
G(comm) = **15**
(Bootstrapped)

bean_store~e	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-.0643874**	.	**.004**	**-.09540737**	**-.03707632**
Wave_4	**.02618137**	.	**.144**	**-.00806343**	**.05572264**
Comm_1	**.02020874**	.	**.31**	**-.01225659**	**.05362748**
Comm_2	**-.04053801**	.	**.074**	**-.07332945**	**-.00664018**
Comm_3	**.04455145**	.	**0**	**.04212819**	**.04679918**
Comm_4	**-.06362492**	.	**.002**	**-.06609476**	**-.06093202**
Comm_5	**.02434245**	.	**.248**	**-.00628019**	**.0583562**
Comm_6	**.08109816**	.	**0**	**.08059529**	**.0816746**
Comm_7	**.08659671**	.	**0**	**.08461191**	**.08875895**
Comm_8	**.10988693**	.	**0**	**.10860322**	**.1110902**
Comm_9	**.09731154**	.	**.002**	**.06450405**	**.13335893**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**-.00795746**	.	**.684**	**-.03995085**	**.02728013**
Comm_13	**.08311691**	.	**.006**	**.05057088**	**.11860151**
Comm_14	**.10467202**	.	**0**	**.10423192**	**.10516904**
Comm_15	**.07924388**	.	**0**	**.07879537**	**.07964623**
Comm_16	**.14409728**	.	**0**	**.14330539**	**.14489691**
build2	**-.09086075**	.	**.052**	**-.14754179**	**-.03956007**
cons	**.86330229**	.	**0**	**.85252124**	**.87448049**

```
          |
Bootstrap reps (1000)
----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
..................................................   50
..................................................   100
..................................................   150
..................................................   200
..................................................   250
..................................................   300
..................................................   350
..................................................   400
..................................................   450
..................................................   500
..................................................   550
..................................................   600
..................................................   650
..................................................   700
..................................................   750
..................................................   800
..................................................   850
..................................................   900
..................................................   950
..................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                       Number of obs =     1507
Num combinations   =    1                       R-squared     =   0.1056
                                                Adj R-squared =   0.0947
                                                G(comm)       =       15
                                                (Bootstrapped)
```

bean_store~e	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-.06452142	.	.002	-.09224597	-.03470439
Wave_4	.02632898	.	.156	-.00476623	.05881521
Comm_1	.04976079	.	0	.04281365	.05667968
Comm_2	(dropped)				
Comm_3	.09006416	.	0	.06024584	.12105682
Comm_4	-.01813986	.	.312	-.04704336	.01327652
Comm_5	.05939097	.	0	.05470257	.06386425
Comm_6	.12659511	.	0	.0970576	.15776899
Comm_7	.13208473	.	0	.10292143	.16357657
Comm_8	.15539351	.	0	.12575528	.18611869
Comm_9	.14359393	.	0	.13788491	.14942063
Comm_10	(dropped)				
Comm_11	.04549959	.	.036	.01606241	.07656328
Comm_12	.06758034	.	0	.04554562	.09020889
Comm_13	.12577335	.	0	.12162367	.13015842
Comm_14	.15016991	.	0	.12056559	.18129209
Comm_15	.12474156	.	0	.09554689	.15591256
Comm_16	.18960103	.	0	.15988679	.22044589
build_agr	-.17212402	.	.042	-.2650061	-.07615133
build_noagr	.00710902	.	.842	-.03598845	.04941619
cons	.8178023	.	0	.78737342	.84773964

One-way Analysis of Variance for bean_~2_rate:

```
                                    Number of obs =       1,507
                                        R-squared =      0.0537
```

Source	SS	df	MS	F	Prob > F
Between comm	7.0794391	14	.50567422	6.04	0.0000
Within comm	124.86613	1,492	.08369044		
Total	131.94557	1,506	.08761326		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.04821	**0.02174**	**0.00561**	**0.09081**

Estimated SD of comm effect **.0651058**
Estimated SD within comm **.289293**
Est. reliability of a comm mean **0.83450**
(evaluated at n=**99.55**)

```
146
147 * ============================ *
148 * Table 8 : heterogeneity      *
149 * ============================ *
150
151 cgmwildboot ihs_intermed_spend Wave_3 Wave_4 Comm_* build2, cluster(comm) bootcluste
  > r(comm) reps(`repbs')
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  .................................................    50
  .................................................   100
  .................................................   150
  .................................................   200
  .................................................   250
  .................................................   300
  .................................................   350
  .................................................   400
  .................................................   450
  .................................................   500
  .................................................   550
  .................................................   600
  .................................................   650
  .................................................   700
  .................................................   750
  .................................................   800
  .................................................   850
  .................................................   900
  .................................................   950
  ................................................... 1000
  .
  Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
  Number of clustvars=    1                        Number of obs =     1507
  Num combinations   =    1                        R-squared     =   0.0838
                                                   Adj R-squared =   0.0734
                                                   G(comm)       =       15
                                                   (Bootstrapped)
```

ihs_interm~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	**-.7877491**	.	**.104**	**-1.5107576**	**-.07747887**
Wave_4	**-.43473558**	.	**.418**	**-1.1968819**	**.35794348**
Comm_1	**-3.4069968**	.	**.002**	**-3.867873**	**-2.9630444**
Comm_2	**-2.4907612**	.	**.002**	**-2.9519596**	**-2.0467641**
Comm_3	**-2.5288136**	.	**.002**	**-2.554729**	**-2.501956**
Comm_4	**-.43082993**	.	**.002**	**-.45941237**	**-.40368357**
Comm_5	**-3.4711922**	.	**.002**	**-3.9329772**	**-3.0231242**
Comm_6	**-3.2195368**	.	**.002**	**-3.2314787**	**-3.2079377**
Comm_7	**-3.5057323**	.	**.002**	**-3.5287075**	**-3.4837971**
Comm_8	**-2.2348211**	.	**.002**	**-2.2485905**	**-2.221087**
Comm_9	**-2.4597867**	.	**.002**	**-2.9262791**	**-2.0104854**
Comm_10	(dropped)				
Comm_11	(dropped)				
Comm_12	**-.04058676**	.	**.91**	**-.50911933**	**.40763065**
Comm_13	**-3.1647459**	.	**.002**	**-3.6262503**	**-2.7147312**
Comm_14	**-2.2639454**	.	**.002**	**-2.2791128**	**-2.2489026**
Comm_15	**-4.1913252**	.	**.002**	**-4.2020044**	**-4.1807241**
Comm_16	**-2.4869601**	.	**.002**	**-2.5009911**	**-2.4720085**
build2	**1.04455**	.	**.038**	**.30463776**	**1.8009161**
cons	**5.8951051**	.	**0**	**5.455359**	**6.3323402**

```
152 cgmwildboot ihs_intermed_spend Wave_3 Wave_4 Comm_* build2 ihs_C_total_b build_C, cl
  > uster(comm) bootcluster(comm) reps(`repbs')
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  ..................................................   50
  ..................................................   100
  ..................................................   150
  ..................................................   200
  ..................................................   250
  ..................................................   300
  ..................................................   350
  ..................................................   400
  ..................................................   450
  ..................................................   500
  ..................................................   550
  ..................................................   600
  ..................................................   650
  ..................................................   700
  ..................................................   750
  ..................................................   800
  ..................................................   850
  ..................................................   900
  ..................................................   950
  ..................................................  1000
  .
  Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
  Number of clustvars=    1                        Number of obs =     1507
  Num combinations   =    1                        R-squared     =   0.0911
                                                   Adj R-squared =   0.0795
                                                   G(comm)       =       15
                                                   (Bootstrapped)
```

ihs_interm~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-.79436611	.	.13	-1.5434774	-.09038821
Wave_4	-.42535423	.	.412	-1.2040075	.349363
Comm_1	-.93836704	.	.002	-.97157055	-.90341455
Comm_2	(dropped)				
Comm_3	-.25617322	.	.428	-.79353553	.27999264
Comm_4	2.1220463	.	0	1.6747712	2.5693214
Comm_5	-1.0275935	.	.002	-1.121008	-.92955041
Comm_6	-.75363299	.	.014	-1.2373559	-.26922226
Comm_7	-1.1927881	.	.002	-1.7302005	-.67056245
Comm_8	.12568117	.	.732	-.39074865	.63188332
Comm_9	.02546378	.	.214	-.01187995	.06041625
Comm_10	(dropped)				
Comm_11	2.5185574	.	0	2.062659	2.9757009
Comm_12	2.4649727	.	0	2.3915749	2.5343628
Comm_13	-.69153287	.	.002	-.73349112	-.64937723
Comm_14	.32442918	.	.264	-.13652995	.77134365
Comm_15	-1.6996687	.	.002	-2.1552448	-1.2447506
Comm_16	-.16012718	.	.634	-.70077586	.36927941
build2	9.6168896	.	0	4.6045446	14.670695
ihs_C_tota~b	.65239125	.	.036	.1815089	1.0913038
build_C	-.8311855	.	.002	-1.3137864	-.33097738
cons	-3.3108796	.	.228	-7.8090158	1.5234138

```
153 cgmwildboot ihs_intermed_spend Wave_3 Wave_4 Comm_* build2 norm_dist build_dist, clu
  > ster(comm) bootcluster(comm) reps(`repbs')
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  ..................................................   50
  ..................................................   100
  ..................................................   150
  ..................................................   200
  ..................................................   250
  ..................................................   300
  ..................................................   350
  ..................................................   400
  ..................................................   450
  ..................................................   500
```

```
.................................................   550
.................................................   600
.................................................   650
.................................................   700
.................................................   750
.................................................   800
.................................................   850
.................................................   900
.................................................   950
.................................................  1000
.
Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
Number of clustvars=    1                        Number of obs =     1483
Num combinations   =    1                        R-squared     =   0.0887
                                                 Adj R-squared =   0.0769
                                                 G(comm)       =       15
                                                 (Bootstrapped)
```

ihs_interm~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-.77076902	.	.144	-1.5209776	-.0267353
Wave_4	-.38833232	.	.444	-1.1465384	.38712886
Comm_1	-1.2070829	.	.002	-1.2257804	-1.1873978
Comm_2	(dropped)				
Comm_3	.14117117	.	.576	-.34184194	.63585532
Comm_4	2.1444812	.	0	1.7052907	2.6099024
Comm_5	-.82733095	.	.002	-1.1530911	-.49792847
Comm_6	-.72161545	.	.006	-1.0926894	-.36886412
Comm_7	-.9545324	.	.002	-1.4089897	-.47516203
Comm_8	.43265092	.	.178	-.05644157	.93779403
Comm_9	.00090945	.	1	-.03311843	.03891248
Comm_10	(dropped)				
Comm_11	2.5593144	.	0	2.1392586	2.9842083
Comm_12	2.6070467	.	0	2.4412978	2.7729788
Comm_13	-.58125243	.	.002	-.81070781	-.3496246
Comm_14	.20094366	.	.302	-.16301738	.5310272
Comm_15	-1.6157995	.	.002	-2.0465686	-1.1675911
Comm_16	.12264107	.	.688	-.44057846	.6859476
build2	1.7673399	.	.008	.68589824	2.8045588
norm_dist	.14425827	.	.598	-.22504258	.51433212
build_dist	-.58633179	.	.086	-1.1503057	.02527124
cons	3.1403986	.	0	2.6819646	3.6047988

```
154 cgmwildboot ihs_intermed_spend Wave_3 Wave_4 Comm_* build2 norm_dist ihs_C_total_b b
  > uild_C build_dist, cluster(comm) bootcluster(comm) reps(`repbs')
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  ..................................................    50
  ..................................................   100
  ..................................................   150
  ..................................................   200
  ..................................................   250
  ..................................................   300
  ..................................................   350
  ..................................................   400
  ..................................................   450
  ..................................................   500
  ..................................................   550
  ..................................................   600
  ..................................................   650
  ..................................................   700
  ..................................................   750
  ..................................................   800
  ..................................................   850
  ..................................................   900
  ..................................................   950
  ..................................................  1000
  .
  Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
  Number of clustvars=    1                        Number of obs =     1483
  Num combinations   =    1                        R-squared     =   0.0962
```

```
                                                Adj R-squared =    0.0832
                                                G(comm)       =        15
                                                (Bootstrapped)
```

ihs_interm~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-.77809575	.	.124	-1.512774	-.03461754
Wave_4	-.38041925	.	.422	-1.1781665	.42146814
Comm_1	-1.2315211	.	.002	-1.2713608	-1.1938107
Comm_2	(dropped)				
Comm_3	-.07153229	.	.88	-.6365298	.49842981
Comm_4	2.2101413	.	0	1.7662077	2.6543455
Comm_5	-.87260342	.	.002	-1.1865807	-.55959177
Comm_6	-.75515053	.	.004	-1.1327163	-.37370756
Comm_7	-1.1197528	.	.002	-1.6504871	-.56999904
Comm_8	.29617566	.	.34	-.24301817	.85770458
Comm_9	-.00443563	.	.856	-.04529012	.03679076
Comm_10	(dropped)				
Comm_11	2.587779	.	0	2.1528203	3.0160992
Comm_12	2.6163495	.	0	2.4387524	2.7936337
Comm_13	-.60048881	.	.002	-.82064027	-.38705409
Comm_14	.28583438	.	.1	-.05981457	.61994433
Comm_15	-1.6120627	.	.002	-2.0672233	-1.1594859
Comm_16	-.03441652	.	.988	-.65026546	.58253181
build2	10.844972	.	0	5.9953499	15.53196
norm_dist	.16567804	.	.522	-.2000064	.53935069
ihs_C_tota~b	.65687931	.	.016	.24495679	1.079844
build_C	-.87661511	.	.002	-1.3891486	-.37015095
build_dist	-.61413535	.	.048	-1.1415323	-.0212839
cons	-3.6470669	.	.21	-7.9134436	.5253979

```
155 cgmwildboot ihs_intermed_spend Wave_3 Wave_4 Comm_* build2 ihs_C_total_b build_C log
  > _dist build_ldist, cluster(comm) bootcluster(comm) reps(`repbs')
  Bootstrap reps (1000)
  ----+--- 1 ---+--- 2 ---+--- 3 ---+--- 4 ---+--- 5
  ..................................................   50
  ..................................................   100
  ..................................................   150
  ..................................................   200
  ..................................................   250
  ..................................................   300
  ..................................................   350
  ..................................................   400
  ..................................................   450
  ..................................................   500
  ..................................................   550
  ..................................................   600
  ..................................................   650
  ..................................................   700
  ..................................................   750
  ..................................................   800
  ..................................................   850
  ..................................................   900
  ..................................................   950
  ..................................................  1000
  .
  Regress with clustered SEs/Wild bootstrap (1000 successful resamples)
  Number of clustvars=    1                       Number of obs =     1483
  Num combinations   =    1                       R-squared     =   0.0969
                                                  Adj R-squared =   0.0839
                                                  G(comm)       =       15
                                                  (Bootstrapped)
```

ihs_interm~d	Coef.	Null	p-value	[95% Conf.	Interval]
Wave_3	-.77829486	.	.136	-1.5248755	-.04204118
Wave_4	-.38161963	.	.43	-1.1641492	.39202404
Comm_1	-1.1338763	.	.002	-1.3138944	-.94388169
Comm_2	(dropped)				
Comm_3	-.35874417	.	.58	-1.4082941	.75568867
Comm_4	1.9593858	.	0	1.4979533	2.4414015

Comm_5	-1.2453627	.	.002	-1.6250598	-.87120438
Comm_6	-.93495519	.	.158	-1.9781777	.17229988
Comm_7	-1.3772226	.	.004	-2.0026143	-.73233825
Comm_8	.02691563	.	.972	-.50595814	.57368064
Comm_9	-.11092597	.	.396	-.31786489	.09460317
Comm_10	(dropped)				
Comm_11	2.3590275	.	0	1.9177063	2.8128574
Comm_12	2.1055083	.	0	1.4039531	2.7889509
Comm_13	-1.0466225	.	.004	-1.5973446	-.48410803
Comm_14	.15499571	.	.674	-.47193143	.79628456
Comm_15	-1.8636001	.	.002	-2.3886886	-1.3173217
Comm_16	-.34237427	.	.418	-.99975353	.33243263
build2	7.9614533	.	.012	2.0533323	13.879853
ihs_C_tota~b	.64624438	.	.034	.21604925	1.075456
build_C	-.9014106	.	.006	-1.3924717	-.35765234
log_dist	-.0104674	.	.996	-.39990199	.39176431
build_ldist	-.52208876	.	.262	-1.2621295	.22924317
cons	-3.1438577	.	.29	-8.6760082	2.2118828

156
157 loneway ihs_intermed_spend comm

One-way Analysis of Variance for ihs_interm~d:

Number of obs = 1,507
R-squared = 0.0783

Source	SS	df	MS	F	Prob > F
Between comm	1885.7689	14	134.69778	9.05	0.0000
Within comm	22211.429	1,492	14.887017		
Total	24097.198	1,506	16.000796		

Intraclass correlation	Asy. S.E.	[95% Conf.	Interval]
0.07479	0.03092	0.01420	0.13539

Estimated SD of comm effect 1.097034
Estimated SD within comm 3.85837
Est. reliability of a comm mean 0.88948
(evaluated at n=99.55)

158
159
160
161 log close
name: **<unnamed>**
log: **C:\Users\kmd86\Desktop\Papers I'm Working On\Nicaragua Bridges\Submission**
> _Econometrica\Accepted\play_around\logged_results/MainRegs_Annual.smcl
log type: **smcl**
closed on: **12 Mar 2020, 16:57:19**