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  log type:  smcl
 opened on:  22 Jul 2019, 13:59:37

1 . do "/var/folders/6k/qg42_ws54fd0rjh2cx5nt5hw0000gn/T//SD52370.000000"

2 . use "/Users/daniellethomsen/Dropbox/State Legislator Project 2/Paper/Perspectives/R&

3 .
4 . *table 1, columns 1 and 2
5 . reg reply2 gender2 rep chamber2 pleader commchair2 yrserved2 minority votepct3 reele
note: 50.state2 omitted because of collinearity

Linear regression                               Number of obs     =      6,378
                                                F(59, 6318)       =      15.46
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1059
                                                Root MSE          =     .47164

------------------------------------------------------------------------------
             |               Robust
      reply2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     gender2 |   .0448452   .0142058     3.16   0.002      .016997    .0726933
         rep |   .0200716   .0161102     1.25   0.213     -.0115098    .0516531
    chamber2 |   .0693423   .0179698     3.86   0.000      .0341154    .1045692
     pleader |   .0921355   .0421163     2.19   0.029      .0095733    .1746977
   commchair2 |  -.0027943   .0146435    -0.19   0.849     -.0315006     .025912
    yrserved2 |  -.0075719   .0016995    -4.46   0.000     -.0109035   -.0042404
     minority |  -.0343164   .0151018    -2.27   0.023      -.063921   -.0047117
     votepct3 |  -.0018763   .0031016    -0.60   0.545     -.0079566    .0042039
   reelection |  -.0247637   .0662862    -0.37   0.709     -.1547071    .1051797
     mrp_mean |    .065346   .0258215     2.53   0.011      .014727    .1159649
      totpop2 |  -.0287185   .0116657    -2.46   0.014     -.0515871   -.0058498
     incomex2 |   .0053377   .0039838     1.34   0.180     -.0024718    .0131473
              |
      state2 |
          2  |   .3885674   .0766839     5.07   0.000      .2382408    .5388939
          3  |    .172147    .078331     2.20   0.028      .0185916    .3257023
          4  |   .2044248   .0672473     3.04   0.002      .0725972    .3362524
          5  |   .3040949   .1001677     3.04   0.002      .1077322    .5004575
          6  |   .0413082   .0728212     0.57   0.571     -.1014461    .1840624
          7  |    .049752   .0640363     0.78   0.437     -.0757808    .1752848
          8  |   .4591882   .0742824     6.18   0.000      .3135693     .604807
          9  |   .3977589   .0683823     5.82   0.000      .2637063    .5318115
         10  |   .2006531   .0617918     3.25   0.001      .0795202    .3217859
         11  |   .2729551   .0780786     3.50   0.000      .1198946    .4260156
```

12	.1944564	.071499	2.72	0.007	.054294	.3346188
13	.2570226	.0672981	3.82	0.000	.1250954	.3889497
14	-.1672351	.0606354	-2.76	0.006	-.2861011	-.0483691
15	.2172226	.0656444	3.31	0.001	.0885372	.3459079
16	.094005	.0651735	1.44	0.149	-.0337572	.2217671
17	.0743609	.0676495	1.10	0.272	-.058255	.2069769
18	.2517933	.0582436	4.32	0.000	.137616	.3659705
19	.1277498	.0659257	1.94	0.053	-.001487	.2569866
20	.4955621	.0561897	8.82	0.000	.3854113	.6057129
21	.4179151	.0634752	6.58	0.000	.2934822	.5423481
22	.4641173	.064041	7.25	0.000	.3385751	.5896594
23	.1158145	.0649063	1.78	0.074	-.0114239	.2430529
24	-.043562	.0547882	-0.80	0.427	-.1509655	.0638414
25	.4356748	.061485	7.09	0.000	.3151434	.5562062
26	.1880688	.0709106	2.65	0.008	.04906	.3270777
27	.3944037	.0822118	4.80	0.000	.2332408	.5555667
28	.1578484	.0899011	1.76	0.079	-.0183883	.334085
29	.0603882	.0623479	0.97	0.333	-.0618349	.1826114
30	.2891434	.0669358	4.32	0.000	.1579266	.4203602
31	.208093	.072184	2.88	0.004	.0665879	.3495981
32	.3205432	.0662419	4.84	0.000	.1906866	.4503998
33	.3642409	.0653931	5.57	0.000	.2360482	.4924336
34	.1621019	.0676187	2.40	0.017	.0295463	.2946575
35	.2593179	.0856904	3.03	0.002	.0913356	.4273003
36	.2813473	.0650876	4.32	0.000	.1537536	.4089411
37	.4659639	.0702824	6.63	0.000	.3281866	.6037413
38	.4048847	.0602334	6.72	0.000	.2868068	.5229625
39	.3053502	.0700342	4.36	0.000	.1680595	.4426409
41	.2005386	.0726439	2.76	0.006	.0581318	.3429454
42	.4281837	.0641768	6.67	0.000	.3023753	.5539921
43	.2165829	.0710362	3.05	0.002	.0773278	.355838
44	.3175814	.0689563	4.61	0.000	.1824038	.4527591
45	.1236868	.0697351	1.77	0.076	-.0130176	.2603912
46	.4635475	.0549102	8.44	0.000	.3559049	.5711901
47	.3758808	.0662977	5.67	0.000	.2459148	.5058467
48	.025577	.0687768	0.37	0.710	-.1092488	.1604028
49	.4026716	.0651133	6.18	0.000	.2750273	.5303158
50	0	(omitted)				
_cons	.3631159	.0538217	6.75	0.000	.2576071	.4686247

```
6 . reg replyinfo gender2 rep chamber2 pleader commchair2 yrserved2 minority votepct3 re
  note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	6,378
F(59, 6318)	=	23.07
Prob > F	=	0.0000
R-squared	=	0.1437

Root MSE = .44602

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0577175	.0137006	4.21	0.000	.0308596	.0845754
rep	-.0266135	.0149074	-1.79	0.074	-.0558372	.0026101
chamber2	.0406367	.0165813	2.45	0.014	.0081317	.0731417
pleader	.0910191	.0440026	2.07	0.039	.004759	.1772791
commchair2	-.0146671	.0137219	-1.07	0.285	-.0415667	.0122325
yrserved2	-.0080558	.0015409	-5.23	0.000	-.0110764	-.0050351
minority	-.0373333	.0141382	-2.64	0.008	-.0650489	-.0096177
votepct3	-.0041534	.0028809	-1.44	0.149	-.009801	.0014943
reelection	-.1265152	.0494976	-2.56	0.011	-.2235472	-.0294832
mrp_mean	-.0124513	.0240939	-0.52	0.605	-.0596835	.0347809
totpop2	-.0120819	.011287	-1.07	0.284	-.0342082	.0100445
incomex2	.018351	.0039043	4.70	0.000	.0106972	.0260047
state2						
2	.4956691	.0728726	6.80	0.000	.352814	.6385241
3	.3139558	.0680642	4.61	0.000	.1805269	.4473848
4	.119871	.0502712	2.38	0.017	.0213224	.2184196
5	.3332055	.0914916	3.64	0.000	.1538509	.5125601
6	.2180729	.0613623	3.55	0.000	.0977819	.3383638
7	.0780087	.049089	1.59	0.112	-.0182225	.1742398
8	.5135639	.0720701	7.13	0.000	.372282	.6548458
9	.4906909	.0586001	8.37	0.000	.3758147	.6055671
10	.2490176	.0480045	5.19	0.000	.1549125	.3431227
11	.3933346	.0689215	5.71	0.000	.258225	.5284442
12	.1793345	.0566173	3.17	0.002	.0683454	.2903235
13	.2751522	.0544986	5.05	0.000	.1683166	.3819879
14	.0636029	.0467024	1.36	0.173	-.0279496	.1551555
15	.1307342	.0492502	2.65	0.008	.0341871	.2272812
16	.0722437	.0465537	1.55	0.121	-.0190175	.1635048
17	.105081	.0493354	2.13	0.033	.0083668	.2017951
18	.2146878	.0545096	3.94	0.000	.1078305	.3215451
19	-.0318686	.0433872	-0.73	0.463	-.1169222	.0531851
20	.4011401	.0549618	7.30	0.000	.2933962	.5088839
21	.3138216	.0528909	5.93	0.000	.2101374	.4175057
22	.4824893	.0557954	8.65	0.000	.3731113	.5918672
23	.093392	.0480984	1.94	0.052	-.0008972	.1876811
24	-.0939246	.0414165	-2.27	0.023	-.175115	-.0127341
25	.4083226	.0527968	7.73	0.000	.304823	.5118222
26	.1885151	.0558964	3.37	0.001	.0789391	.2980911
27	.3428178	.0814867	4.21	0.000	.1830762	.5025593
28	.2260993	.0799552	2.83	0.005	.0693599	.3828386
29	-.056519	.0429936	-1.31	0.189	-.140801	.027763
30	.2081744	.0633094	3.29	0.001	.0840664	.3322823

31	.2181082	.058432	3.73	0.000	.1035616	.3326548
32	.3206999	.0547429	5.86	0.000	.2133852	.4280146
33	.3750503	.0546183	6.87	0.000	.2679799	.4821207
34	-.0019845	.0435696	-0.05	0.964	-.0873956	.0834266
35	.3459236	.0762574	4.54	0.000	.1964332	.495414
36	.2837343	.0532139	5.33	0.000	.1794171	.3880515
37	.5204442	.0642501	8.10	0.000	.3944923	.6463961
38	.4719151	.0486568	9.70	0.000	.3765312	.567299
39	.1831757	.0582172	3.15	0.002	.0690502	.2973012
41	.0822093	.0543607	1.51	0.131	-.0243561	.1887747
42	.4407924	.0567952	7.76	0.000	.3294545	.5521303
43	.346003	.0598953	5.78	0.000	.2285879	.4634181
44	.3381941	.0599593	5.64	0.000	.2206535	.4557346
45	-.0289856	.0467218	-0.62	0.535	-.1205761	.0626049
46	.3750877	.055113	6.81	0.000	.2670475	.4831278
47	.4463617	.0563925	7.92	0.000	.3358132	.5569101
48	.0263511	.0468223	0.56	0.574	-.0654365	.1181388
49	.3413789	.0560395	6.09	0.000	.2315224	.4512354
50	0	(omitted)				
_cons	.2234764	.0468922	4.77	0.000	.1315517	.315401

```
7 .
8 . *table 1, columns 3 and 4
9 . reg reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minority
  note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	6,268
F(60, 6207)	=	15.91
Prob > F	=	0.0000
R-squared	=	0.1113
Root MSE	=	.47003

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0405806	.0143066	2.84	0.005	.0125347	.0686265
nl_totalbills	.0424115	.0095743	4.43	0.000	.0236426	.0611804
rep	.0243485	.0161575	1.51	0.132	-.0073259	.0560228
chamber2	.0521845	.0183091	2.85	0.004	.0162922	.0880767
pleader	.0866002	.0425499	2.04	0.042	.0031876	.1700127
commchair2	-.0097601	.0147958	-0.66	0.509	-.038765	.0192448
yrserved2	-.0077096	.0017053	-4.52	0.000	-.0110525	-.0043667
minority	-.0375737	.0151389	-2.48	0.013	-.0672512	-.0078963
votepct3	-.002599	.0031145	-0.83	0.404	-.0087046	.0035065
reelection	-.046529	.0664051	-0.70	0.484	-.1767061	.083648
mrp_mean	.0695196	.0258938	2.68	0.007	.0187587	.1202805

totpop2	-.0237022	.0117025	-2.03	0.043	-.0466431	-.0007614
incomex2	.0038345	.0039936	0.96	0.337	-.0039944	.0116634
state2						
2	.3572812	.0769723	4.64	0.000	.2063888	.5081736
3	.0953378	.0799327	1.19	0.233	-.0613579	.2520336
4	.1598213	.0678499	2.36	0.019	.026812	.2928306
5	.1667143	.1041483	1.60	0.109	-.0374523	.370881
6	.0427366	.07278	0.59	0.557	-.0999374	.1854106
7	.1440715	.0669492	2.15	0.031	.0128279	.2753151
8	.3721497	.0767471	4.85	0.000	.2216987	.5226007
9	.3685229	.0684458	5.38	0.000	.2343454	.5027004
10	.1394592	.0631644	2.21	0.027	.015635	.2632833
11	.1571286	.0824058	1.91	0.057	-.0044153	.3186724
12	.5141991	.1012867	5.08	0.000	.315642	.7127562
13	.1554412	.0713658	2.18	0.029	.0155394	.2953429
14	-.205288	.0608876	-3.37	0.001	-.3246487	-.0859272
15	.1887362	.0657826	2.87	0.004	.0597794	.317693
16	.0894005	.0650393	1.37	0.169	-.0380991	.2169
17	.0137247	.0685731	0.20	0.841	-.1207024	.1481517
18	.1755695	.0611716	2.87	0.004	.0556519	.2954872
19	.0712334	.0668923	1.06	0.287	-.0598987	.2023655
20	.400705	.0603267	6.64	0.000	.2824439	.5189662
21	.3250642	.0669572	4.85	0.000	.1938049	.4563236
22	.3562371	.0683029	5.22	0.000	.2223397	.4901344
23	.0345111	.0673484	0.51	0.608	-.0975151	.1665372
24	-.1031694	.0572268	-1.80	0.071	-.2153538	.009015
25	.4544344	.0616189	7.37	0.000	.33364	.5752288
26	.2226557	.0707935	3.15	0.002	.0838758	.3614355
27	.3693718	.0844106	4.38	0.000	.2038977	.5348458
28	.1014846	.0910918	1.11	0.265	-.0770868	.280056
29	.0898075	.0624438	1.44	0.150	-.0326041	.212219
30	.2212816	.0731871	3.02	0.003	.0778095	.3647537
31	.2363589	.0718009	3.29	0.001	.0956042	.3771136
32	.1900199	.0725353	2.62	0.009	.0478257	.3322142
33	.2998931	.0668951	4.48	0.000	.1687555	.4310306
34	.1469636	.0675785	2.17	0.030	.0144863	.2794409
35	.2057966	.0866073	2.38	0.018	.0360163	.3755769
36	.2084267	.0673442	3.09	0.002	.0764088	.3404445
37	.46602	.070005	6.66	0.000	.3287859	.603254
38	.2788721	.0668483	4.17	0.000	.1478263	.4099179
39	.250228	.0710342	3.52	0.000	.1109764	.3894796
41	.1373127	.0741262	1.85	0.064	-.0080004	.2826257
42	.3151783	.0692919	4.55	0.000	.1793423	.4510144
43	.1205123	.073824	1.63	0.103	-.0242082	.2652328
44	.3301044	.0686391	4.81	0.000	.1955481	.4646607
45	.0519492	.0714227	0.73	0.467	-.088064	.1919624
46	.3767442	.0585122	6.44	0.000	.26204	.4914484
47	.2782963	.0698196	3.99	0.000	.1414256	.4151669

48	-.0474639	.0702957	-0.68	0.500	-.1852677	.0903399
49	.289137	.0698529	4.14	0.000	.1522011	.4260728
50	0	(omitted)				
_cons	.2834882	.0576294	4.92	0.000	.1705146	.3964618

```
10 . reg replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
   note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	6,268
F(60, 6207)	=	22.91
Prob > F	=	0.0000
R-squared	=	0.1472
Root MSE	=	.44576

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.054197	.0138171	3.92	0.000	.0271107	.0812833
nl_totalbills	.0287627	.0090445	3.18	0.001	.0110325	.046493
rep	-.0243911	.0149378	-1.63	0.103	-.0536744	.0048922
chamber2	.0315128	.0170167	1.85	0.064	-.0018458	.0648714
pleader	.0856461	.0441251	1.94	0.052	-.0008543	.1721466
commchair2	-.0180991	.0139125	-1.30	0.193	-.0453724	.0091743
yrserved2	-.0080876	.0015509	-5.21	0.000	-.0111278	-.0050474
minority	-.0383704	.0141962	-2.70	0.007	-.0661999	-.0105409
votepct3	-.0048038	.0029003	-1.66	0.098	-.0104893	.0008817
reelection	-.1416973	.0497919	-2.85	0.004	-.2393067	-.044088
mrp_mean	-.0094163	.0242243	-0.39	0.698	-.0569043	.0380717
totpop2	-.0099406	.0113617	-0.87	0.382	-.0322135	.0123324
incomex2	.0173599	.0039204	4.43	0.000	.0096746	.0250452
state2						
2	.473965	.0732725	6.47	0.000	.3303255	.6176044
3	.2634943	.0699091	3.77	0.000	.1264482	.4005405
4	.0939249	.0511626	1.84	0.066	-.0063716	.1942214
5	.246695	.0955324	2.58	0.010	.0594184	.4339715
6	.2174298	.0613812	3.54	0.000	.0971013	.3377582
7	.1420507	.0527248	2.69	0.007	.0386919	.2454096
8	.4538411	.0744619	6.09	0.000	.30787	.5998121
9	.4737559	.0588584	8.05	0.000	.3583731	.5891387
10	.2114503	.0496159	4.26	0.000	.1141859	.3087146
11	.3141003	.0733774	4.28	0.000	.1702552	.4579454
12	.3106677	.1094932	2.84	0.005	.0960231	.5253123
13	.2074444	.0589636	3.52	0.000	.0918554	.3230334
14	.038341	.0471221	0.81	0.416	-.0540346	.1307166
15	.1111915	.0492935	2.26	0.024	.0145592	.2078238

16	.0694192	.0465274	1.49	0.136	-.0217906	.160629
17	.0608827	.0506445	1.20	0.229	-.038398	.1601634
18	.1634878	.0570807	2.86	0.004	.0515899	.2753857
19	-.0701526	.0450975	-1.56	0.120	-.1585593	.0182541
20	.3369174	.0584892	5.76	0.000	.2222584	.4515765
21	.2517007	.0567309	4.44	0.000	.1404886	.3629128
22	.4103851	.0600933	6.83	0.000	.2925813	.5281888
23	.0382692	.0510765	0.75	0.454	-.0618584	.1383968
24	-.1347192	.0441972	-3.05	0.002	-.221361	-.0480774
25	.4259867	.0531349	8.02	0.000	.3218238	.5301495
26	.2115656	.0563194	3.76	0.000	.1011602	.321971
27	.3067837	.0834381	3.68	0.000	.1432161	.4703513
28	.1885915	.0810263	2.33	0.020	.0297518	.3474312
29	-.0367397	.0436487	-0.84	0.400	-.1223064	.0488269
30	.171066	.0697245	2.45	0.014	.0343819	.3077501
31	.2369088	.0585676	4.05	0.000	.122096	.3517217
32	.23386	.0613744	3.81	0.000	.1135449	.3541751
33	.3319559	.0562093	5.91	0.000	.2217663	.4421456
34	-.0130689	.0437479	-0.30	0.765	-.09883	.0726921
35	.3073821	.0771064	3.99	0.000	.1562269	.4585374
36	.2343777	.0557178	4.21	0.000	.1251515	.343604
37	.520415	.0643348	8.09	0.000	.3942966	.6465335
38	.3880086	.0558541	6.95	0.000	.2785152	.4975021
39	.1455778	.0592977	2.46	0.014	.0293337	.2618219
41	.0337539	.0556243	0.61	0.544	-.0752889	.1427967
42	.3659863	.0622074	5.88	0.000	.2440382	.4879345
43	.2840278	.0629306	4.51	0.000	.1606621	.4073935
44	.3472405	.0598198	5.80	0.000	.2299731	.464508
45	-.0779882	.0492312	-1.58	0.113	-.1744984	.018522
46	.3169312	.0580579	5.46	0.000	.2031176	.4307448
47	.3809693	.0601938	6.33	0.000	.2629687	.49897
48	-.0234964	.0494139	-0.48	0.634	-.1203647	.073372
49	.264853	.0613979	4.31	0.000	.1444918	.3852142
50	0	(omitted)				
_cons	.1701566	.0513421	3.31	0.001	.0695082	.2708049

```
11 .
12 . ********************************************************************************
13 . *table 2, columns 1 and 2 (A&B)
14 . reg reply2 i.gender2##c.mrp_mean nl_totalbills rep chamber2 pleader commchair2 yrser
note: 50.state2 omitted because of collinearity

Linear regression                               Number of obs     =      6,268
                                                F(61, 6206)       =      15.92
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1125
                                                Root MSE          =     .46977
```

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0592365	.0155074	3.82	0.000	.0288368	.0896363
mrp_mean	.0395601	.027875	1.42	0.156	-.0150846	.0942047
gender2#c.mrp_mean						
1	.1159164	.0419109	2.77	0.006	.0337566	.1980763
nl_totalbills	.0431881	.0095824	4.51	0.000	.0244033	.0619728
rep	.0242491	.0161351	1.50	0.133	-.0073814	.0558795
chamber2	.0523927	.0182763	2.87	0.004	.0165648	.0882205
pleader	.0881432	.0423993	2.08	0.038	.0050258	.1712605
commchair2	-.0107371	.0147971	-0.73	0.468	-.0397446	.0182704
yrserved2	-.0076465	.0017051	-4.48	0.000	-.0109891	-.0043038
minority	-.0396593	.0151421	-2.62	0.009	-.0693431	-.0099756
votepct3	-.0021494	.0031181	-0.69	0.491	-.0082621	.0039632
reelection	-.0511856	.0660004	-0.78	0.438	-.1805693	.078198
totpop2	-.0239224	.0116431	-2.05	0.040	-.046747	-.0010978
incomex2	.0034253	.0039964	0.86	0.391	-.004409	.0112595
state2						
2	.3545691	.0765419	4.63	0.000	.2045204	.5046178
3	.0920837	.0792975	1.16	0.246	-.0633668	.2475342
4	.1553686	.0674618	2.30	0.021	.02312	.2876172
5	.1611408	.1037191	1.55	0.120	-.0421846	.3644661
6	.0430036	.0721985	0.60	0.551	-.0985303	.1845376
7	.1436082	.0665861	2.16	0.031	.0130764	.2741401
8	.3675059	.0764926	4.80	0.000	.2175539	.5174579
9	.3647907	.0680734	5.36	0.000	.2313434	.4982381
10	.1395687	.0627988	2.22	0.026	.0164614	.2626761
11	.1502678	.0822118	1.83	0.068	-.0108959	.3114315
12	.5116161	.1009988	5.07	0.000	.3136234	.7096089
13	.1538431	.0709659	2.17	0.030	.0147255	.2929608
14	-.2071937	.0604225	-3.43	0.001	-.3256427	-.0887447
15	.1879103	.0653916	2.87	0.004	.0597202	.3161004
16	.0879108	.0647062	1.36	0.174	-.0389357	.2147573
17	.0114385	.068132	0.17	0.867	-.1221237	.1450007
18	.1735256	.0609647	2.85	0.004	.0540137	.2930376
19	.0683022	.0665173	1.03	0.305	-.0620949	.1986992
20	.3971511	.0602946	6.59	0.000	.2789528	.5153495
21	.3215097	.0665651	4.83	0.000	.191019	.4520004
22	.353764	.0679127	5.21	0.000	.2206317	.4868964
23	.0329932	.0669593	0.49	0.622	-.0982703	.1642567
24	-.1070686	.0570833	-1.88	0.061	-.2189717	.0048344
25	.4545735	.0611963	7.43	0.000	.3346076	.5745395
26	.2201126	.0704864	3.12	0.002	.0819348	.3582903

27	.3717008	.0841692	4.42	0.000	.2067	.5367015
28	.0974191	.0909557	1.07	0.284	-.0808856	.2757239
29	.0892746	.0620596	1.44	0.150	-.0323838	.2109329
30	.21713	.0730259	2.97	0.003	.0739739	.3602861
31	.2346372	.0715664	3.28	0.001	.0943423	.3749322
32	.1867723	.0721943	2.59	0.010	.0452465	.3282981
33	.2979718	.0665445	4.48	0.000	.1675216	.428422
34	.145465	.0672543	2.16	0.031	.0136233	.2773067
35	.2070815	.0867722	2.39	0.017	.0369779	.3771852
36	.2091244	.0671271	3.12	0.002	.0775322	.3407167
37	.4674806	.0696575	6.71	0.000	.3309277	.6040335
38	.2746058	.0664766	4.13	0.000	.1442886	.404923
39	.2470464	.0708777	3.49	0.000	.1081016	.3859912
41	.1360436	.0739469	1.84	0.066	-.0089178	.2810051
42	.3149315	.0691513	4.55	0.000	.1793711	.450492
43	.1201418	.0734052	1.64	0.102	-.0237579	.2640415
44	.3339597	.0683559	4.89	0.000	.1999586	.4679609
45	.0546848	.0711884	0.77	0.442	-.0848691	.1942388
46	.369691	.058448	6.33	0.000	.2551126	.4842694
47	.2772443	.0694107	3.99	0.000	.1411753	.4133133
48	-.0472634	.0698898	-0.68	0.499	-.1842716	.0897448
49	.2860014	.0695458	4.11	0.000	.1496675	.4223353
50	0	(omitted)				
_cons	.2848679	.0576342	4.94	0.000	.1718849	.3978509

15 . reg replyinfo i.gender2##c.mrp_mean nl_totalbills rep chamber2 pleader commchair2 yr
note: 50.state2 omitted because of collinearity

Linear regression

Number of obs	6,268
F(61, 6206)	22.98
Prob > F	0.0000
R-squared	0.1486
Root MSE	.44543

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0743751	.0151787	4.90	0.000	.0446197	.1041305
mrp_mean	-.0418204	.0258026	-1.62	0.105	-.0924025	.0087617
gender2#c.mrp_mean						
1	.1253745	.0405738	3.09	0.002	.0458358	.2049133
nl_totalbills	.0296026	.0090587	3.27	0.001	.0118445	.0473607
rep	-.0244986	.0149234	-1.64	0.101	-.0537536	.0047564
chamber2	.031738	.0169846	1.87	0.062	-.0015577	.0650338

pleader	.087315	.0439805	1.99	0.047	.0010981	.173532
commchair2	-.0191558	.0139227	-1.38	0.169	-.046449	.0081375
yrserved2	-.0080193	.0015526	-5.16	0.000	-.011063	-.0049756
minority	-.0406261	.0142176	-2.86	0.004	-.0684976	-.0127547
votepct3	-.0043175	.0028987	-1.49	0.136	-.01	.0013649
reelection	-.1467339	.0497703	-2.95	0.003	-.2443009	-.0491669
totpop2	-.0101787	.0113164	-0.90	0.368	-.0323628	.0120055
incomex2	.0169173	.0039212	4.31	0.000	.0092304	.0246042
state2						
2	.4710316	.0728792	6.46	0.000	.3281631	.6139002
3	.2599747	.0695625	3.74	0.000	.1236082	.3963412
4	.0891089	.0509316	1.75	0.080	-.0107347	.1889524
5	.2406666	.0954222	2.52	0.012	.0536061	.4277271
6	.2177186	.0610422	3.57	0.000	.0980547	.3373824
7	.1415496	.0526745	2.69	0.007	.0382895	.2448098
8	.4488184	.0744269	6.03	0.000	.302916	.5947209
9	.4697192	.0587718	7.99	0.000	.3545062	.5849323
10	.2115688	.0495108	4.27	0.000	.1145104	.3086271
11	.3066797	.0733999	4.18	0.000	.1627905	.450569
12	.307874	.1097135	2.81	0.005	.0927976	.5229504
13	.205716	.05876	3.50	0.000	.0905261	.3209058
14	.0362798	.0469606	0.77	0.440	-.0557792	.1283388
15	.1102983	.0491226	2.25	0.025	.014001	.2065955
16	.0678079	.0463915	1.46	0.144	-.0231354	.1587512
17	.0584101	.0506664	1.15	0.249	-.0409136	.1577337
18	.1612771	.0570304	2.83	0.005	.0494777	.2730765
19	-.073323	.0449789	-1.63	0.103	-.1614972	.0148512
20	.3330736	.0586364	5.68	0.000	.2181258	.4480213
21	.2478561	.056735	4.37	0.000	.1366359	.3590763
22	.4077103	.0599167	6.80	0.000	.2902527	.5251678
23	.0366274	.0508581	0.72	0.471	-.063072	.1363268
24	-.1389366	.0443912	-3.13	0.002	-.2259588	-.0519144
25	.4261371	.053001	8.04	0.000	.3222368	.5300375
26	.208815	.0561818	3.72	0.000	.0986792	.3189508
27	.3093028	.0833219	3.71	0.000	.1459629	.4726426
28	.1841943	.0811303	2.27	0.023	.0251508	.3432378
29	-.0373162	.0434446	-0.86	0.390	-.1224827	.0478504
30	.1665757	.0697304	2.39	0.017	.02988	.3032714
31	.2350467	.058637	4.01	0.000	.1200979	.3499955
32	.2303474	.061318	3.76	0.000	.110143	.3505518
33	.3298779	.0560474	5.89	0.000	.2200055	.4397502
34	-.0146899	.0436692	-0.34	0.737	-.1002966	.0709169
35	.3087719	.0776476	3.98	0.000	.1565558	.460988
36	.2351324	.0557879	4.21	0.000	.1257688	.344496
37	.5219948	.0643435	8.11	0.000	.3958593	.6481304
38	.3833942	.0556939	6.88	0.000	.2742149	.4925735
39	.1421366	.0592141	2.40	0.016	.0260564	.2582168
41	.0323813	.0554007	0.58	0.559	-.0762233	.1409859

42	.3657194	.062163	5.88	0.000	.2438583	.4875805
43	.2836271	.0628086	4.52	0.000	.1605005	.4067537
44	.3514105	.0597752	5.88	0.000	.2342304	.4685905
45	-.0750294	.0489369	-1.53	0.125	-.1709627	.020904
46	.3093025	.058093	5.32	0.000	.1954202	.4231848
47	.3798315	.0600348	6.33	0.000	.2621426	.4975204
48	-.0232795	.0494094	-0.47	0.638	-.120139	.0735799
49	.2614615	.0613447	4.26	0.000	.1412047	.3817184
50	0	(omitted)				
_cons	.1716489	.0514708	3.33	0.001	.0707483	.2725494

```
16 .
17 . *table 2, columns 3 and 4 (P&Y)
18 . reg reply2 i.gender2##c.wfd_scale nl_totalbills rep chamber2  pleader commchair2 yrs
   note: 46.state2 omitted because of collinearity
```

Linear regression

Number of obs	3,913
F(53, 3859)	11.36
Prob > F	0.0000
R-squared	0.1091
Root MSE	.47172

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.1549098	.045792	3.38	0.001	.065131	.2446886
wfd_scale	.0008753	.0037407	0.23	0.815	-.0064587	.0082092
gender2#c.wfd_scale						
1	-.018766	.0066794	-2.81	0.005	-.0318614	-.0056705
nl_totalbills	.0381653	.0130948	2.91	0.004	.0124918	.0638387
rep	.0334061	.0203801	1.64	0.101	-.0065508	.073363
chamber2	.0276675	.0257066	1.08	0.282	-.0227324	.0780673
pleader	.0810508	.0510353	1.59	0.112	-.0190078	.1811095
commchair2	-.0137643	.0188286	-0.73	0.465	-.0506792	.0231506
yrserved2	-.0095391	.0022502	-4.24	0.000	-.0139508	-.0051274
minority	-.0432444	.0196758	-2.20	0.028	-.0818202	-.0046685
votepct3	-.0041974	.0042025	-1.00	0.318	-.0124366	.0040419
reelection	-.1182516	.1174963	-1.01	0.314	-.3486123	.1121091
totpop2	.005101	.0175794	0.29	0.772	-.0293648	.0395668
incomex2	.0028946	.0053195	0.54	0.586	-.0075347	.0133239
state2						
3	-.2415171	.1439682	-1.68	0.094	-.5237781	.0407439
4	-.1604105	.120659	-1.33	0.184	-.3969721	.076151

5	-.3084882	.1660212	-1.86	0.063	-.6339859	.0170096
6	-.3018153	.1245409	-2.42	0.015	-.5459875	-.0576431
7	-.1812693	.1232903	-1.47	0.142	-.4229897	.060451
8	.095946	.1258941	0.76	0.446	-.1508793	.3427713
10	-.1572037	.1184183	-1.33	0.184	-.3893721	.0749647
11	-.1514127	.1295792	-1.17	0.243	-.4054629	.1026375
12	.2338396	.149393	1.57	0.118	-.0590571	.5267363
13	-.169948	.123198	-1.38	0.168	-.4114874	.0715914
14	-.4977875	.1166167	-4.27	0.000	-.7264237	-.2691514
15	-.09341	.1189794	-0.79	0.432	-.3266785	.1398586
16	-.2046775	.1197327	-1.71	0.087	-.4394228	.0300678
17	-.2683707	.1207801	-2.22	0.026	-.5051696	-.0315719
19	-.2393555	.1198941	-2.00	0.046	-.4744173	-.0042938
22	.0601258	.1207104	0.50	0.618	-.1765365	.2967881
23	-.2465204	.1202489	-2.05	0.040	-.4822779	-.0107629
25	.1414338	.1180186	1.20	0.231	-.0899511	.3728186
26	-.1286504	.1269087	-1.01	0.311	-.3774649	.1201642
28	-.1387394	.1367933	-1.01	0.311	-.4069334	.1294546
29	-.0358151	.1525111	-0.23	0.814	-.334825	.2631949
30	-.2289455	.078134	-2.93	0.003	-.3821334	-.0757577
31	-.0764831	.1251209	-0.61	0.541	-.3217925	.1688263
32	-.145386	.1244399	-1.17	0.243	-.3893603	.0985883
33	-.0046923	.1198545	-0.04	0.969	-.2396765	.230292
34	-.1971168	.1255442	-1.57	0.116	-.4432561	.0490225
35	-.1244655	.1360016	-0.92	0.360	-.3911074	.1421764
36	-.047077	.1208042	-0.39	0.697	-.2839231	.1897691
37	.1262739	.1229524	1.03	0.304	-.114784	.3673318
38	.0347401	.1223604	0.28	0.776	-.205157	.2746373
39	-.0725871	.1215265	-0.60	0.550	-.3108494	.1656753
41	-.1520293	.1261489	-1.21	0.228	-.3993541	.0952956
42	.0204885	.1218321	0.17	0.866	-.2183729	.2593499
43	-.2010276	.1326186	-1.52	0.130	-.4610367	.0589816
44	.0411685	.1219217	0.34	0.736	-.1978685	.2802056
46	0	(omitted)				
47	-.1067308	.1283855	-0.83	0.406	-.3584407	.144979
48	-.3298677	.1229447	-2.68	0.007	-.5709105	-.0888249
49	-.0741883	.1283587	-0.58	0.563	-.3258457	.177469
50	-.2834933	.1237618	-2.29	0.022	-.526138	-.0408485
_cons	.6779288	.0873927	7.76	0.000	.5065886	.8492691

```
19 . reg replyinfo i.gender2##c.wfd_scale nl_totalbills rep chamber2 pleader commchair2 y
   note: 46.state2 omitted because of collinearity

   Linear regression                               Number of obs     =      3,913
                                                   F(53, 3859)       =      13.64
                                                   Prob > F          =     0.0000
                                                   R-squared         =     0.1286
```

Root MSE = .45059

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.1579066	.0458668	3.44	0.001	.0679811	.2478322
wfd_scale	.0172641	.0036536	4.73	0.000	.0101009	.0244274
gender2#c.wfd_scale						
1	-.0183746	.0066942	-2.74	0.006	-.0314991	-.0052501
nl_totalbills	.0368235	.0125834	2.93	0.003	.0121529	.0614942
rep	.0022392	.0192868	0.12	0.908	-.0355742	.0400526
chamber2	.0172695	.023965	0.72	0.471	-.0297159	.0642549
pleader	.0805014	.0513867	1.57	0.117	-.0202462	.181249
commchair2	-.0024087	.0178411	-0.14	0.893	-.0373876	.0325703
yrserved2	-.008401	.0020787	-4.04	0.000	-.0124765	-.0043255
minority	-.0098831	.018462	-0.54	0.592	-.0460794	.0263131
votepct3	-.0066176	.0039798	-1.66	0.096	-.0144203	.0011851
reelection	-.109288	.1283653	-0.85	0.395	-.3609584	.1423823
totpop2	.0123276	.0173802	0.71	0.478	-.0217477	.0464029
incomex2	.0111464	.0052029	2.14	0.032	.0009457	.0213471
state2						
3	-.1083701	.1510751	-0.72	0.473	-.4045648	.1878246
4	-.2223878	.1258943	-1.77	0.077	-.4692135	.0244379
5	-.2120154	.1726773	-1.23	0.220	-.5505629	.1265322
6	-.1405669	.1321044	-1.06	0.287	-.399568	.1184342
7	-.1700307	.129671	-1.31	0.190	-.4242609	.0841995
8	.1497695	.1390351	1.08	0.281	-.1228198	.4223588
10	-.1232247	.1266136	-0.97	0.330	-.3714606	.1250112
11	-.0226081	.1378403	-0.16	0.870	-.2928548	.2476387
12	.0055667	.1738911	0.03	0.974	-.3353605	.346494
13	-.1446295	.1310705	-1.10	0.270	-.4016035	.1123445
14	-.2455082	.1250351	-1.96	0.050	-.4906494	-.000367
15	-.1689122	.1255142	-1.35	0.178	-.4149928	.0771683
16	-.2130469	.1250786	-1.70	0.089	-.4582734	.0321796
17	-.244981	.1266166	-1.93	0.053	-.493223	.0032609
19	-.3731431	.1230452	-3.03	0.002	-.6143829	-.1319033
22	.0761785	.1314336	0.58	0.562	-.1815075	.3338645
23	-.2401997	.1272476	-1.89	0.059	-.4896787	.0092793
25	.1316046	.1282947	1.03	0.305	-.1199274	.3831365
26	-.1227371	.130768	-0.94	0.348	-.3791182	.1336439
28	-.1178927	.1443442	-0.82	0.414	-.4008909	.1651056
29	-.2943005	.1476614	-1.99	0.046	-.5838022	-.0047987
30	-.1979645	.0825006	-2.40	0.016	-.3597134	-.0362155
31	-.0726317	.1313722	-0.55	0.580	-.3301972	.1849338
32	-.1310163	.1328039	-0.99	0.324	-.3913888	.1293563

33	-.018415	.1288755	-0.14	0.886	-.2710855	.2342556
34	-.3127293	.1258153	-2.49	0.013	-.5594002	-.0660585
35	-.0373829	.1432025	-0.26	0.794	-.3181427	.2433769
36	-.0859598	.1297858	-0.66	0.508	-.3404151	.1684955
37	.1772968	.133759	1.33	0.185	-.0849483	.439542
38	.0865275	.1327996	0.65	0.515	-.1738366	.3468915
39	-.1732763	.1291409	-1.34	0.180	-.4264673	.0799146
41	-.255577	.1296466	-1.97	0.049	-.5097593	-.0013947
42	.0289805	.1322439	0.22	0.827	-.2302941	.2882552
43	-.0771595	.1402118	-0.55	0.582	-.3520557	.1977368
44	.0537989	.1313053	0.41	0.682	-.2036355	.3112333
46	0	(omitted)				
47	-.0425255	.1371889	-0.31	0.757	-.3114951	.2264441
48	-.3217728	.126555	-2.54	0.011	-.5698939	-.0736517
49	-.0968496	.1391145	-0.70	0.486	-.3695945	.1758954
50	-.2565056	.1264813	-2.03	0.043	-.5044821	-.008529
_cons	.3349755	.0886124	3.78	0.000	.1612439	.508707

```
20 .
21 . *table 2, columns 5 and 6 (P&D)
22 . reg reply2 i.gender2##c.femchamber nl_totalbills rep chamber2 pleader commchair2 yrs
```

Linear regression

Number of obs	6,268
F(15, 6252)	14.43
Prob > F	0.0000
R-squared	0.0314
Root MSE	.48895

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0905722	.0493629	1.83	0.067	-.0061959	.1873404
femchamber	.0240736	.1032778	0.23	0.816	-.1783864	.2265337
gender2#c.femchamber						
1	-.1981359	.1852938	-1.07	0.285	-.5613754	.1651036
nl_totalbills	.0502599	.0047528	10.57	0.000	.0409428	.0595769
rep	.0157437	.016238	0.97	0.332	-.0160883	.0475758
chamber2	.0573972	.0155574	3.69	0.000	.0268994	.0878951
pleader	.102353	.0459443	2.23	0.026	.0122863	.1924197
commchair2	-.0160062	.0144903	-1.10	0.269	-.0444122	.0123999
yrserved2	-.0111176	.001685	-6.60	0.000	-.0144207	-.0078145
minority	-.047519	.0151157	-3.14	0.002	-.0771509	-.0178871
votepct3	.0025107	.0027469	0.91	0.361	-.0028742	.0078956
reelection	-.0419479	.018399	-2.28	0.023	-.0780163	-.0058796

mrp_mean	.0297079	.0234987	1.26	0.206	-.0163575	.0757734
totpop2	-.0154883	.0060639	-2.55	0.011	-.0273757	-.003601
incomex2	.0145509	.003666	3.97	0.000	.0073643	.0217375
_cons	.3484228	.0460488	7.57	0.000	.2581513	.4386942

```
23 . reg replyinfo i.gender2##c.femchamber nl_totalbills rep chamber2 pleader commchair2

Linear regression                               Number of obs     =      6,268
                                                F(15, 6252)       =      24.76
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0536
                                                Root MSE          =     .46789
```

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0824256	.0476062	1.73	0.083	-.0108989	.1757502
femchamber	.0715048	.0960386	0.74	0.457	-.116764	.2597735
gender2#c.femchamber						
1	-.1033071	.1776204	-0.58	0.561	-.451504	.2448899
nl_totalbills	.0462397	.0045733	10.11	0.000	.0372744	.055205
rep	-.0380172	.0153944	-2.47	0.014	-.0681956	-.0078388
chamber2	.0068531	.0150809	0.45	0.650	-.0227106	.0364168
pleader	.1058683	.0444532	2.38	0.017	.0187247	.1930119
commchair2	-.0141234	.0139409	-1.01	0.311	-.0414523	.0132055
yrserved2	-.0112628	.0015351	-7.34	0.000	-.0142722	-.0082534
minority	-.0392042	.0144289	-2.72	0.007	-.0674897	-.0109187
votepct3	.0080776	.0024847	3.25	0.001	.0032067	.0129484
reelection	-.0796982	.0181528	-4.39	0.000	-.1152839	-.0441124
mrp_mean	.0045302	.0223247	0.20	0.839	-.0392339	.0482942
totpop2	.0271135	.0062233	4.36	0.000	.0149137	.0393133
incomex2	.0268425	.0035296	7.60	0.000	.0199233	.0337618
_cons	.075596	.0428641	1.76	0.078	-.0084324	.1596244

```
24 .
25 . *table 2, columns 7 and 8 (female committee chairs)
26 . reg reply2 i.gender2##c.ratiofemcommchair2 nl_totalbills rep chamber2 pleader yrserv

Linear regression                               Number of obs     =      6,171
                                                F(14, 6156)       =      14.26
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0297
                                                Root MSE          =      .4893
```

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf. I
1.gender2	.0498316	.030715	1.62	0.105	-.0103804
ratiofemcommchair2	.02905	.0665289	0.44	0.662	-.10137
gender2#c.ratiofemcommchair2					
1	-.0548215	.1163995	-0.47	0.638	-.2830051
nl_totalbills	.0496355	.0047422	10.47	0.000	.0403391
rep	.0146353	.0163308	0.90	0.370	-.0173788
chamber2	.054713	.0156795	3.49	0.000	.0239756
pleader	.1050131	.0461586	2.28	0.023	.0145262
yrserved2	-.0108795	.0016923	-6.43	0.000	-.0141971
minority	-.0410343	.0140505	-2.92	0.004	-.0685783
votepct3	.0025302	.0027306	0.93	0.354	-.0028226
reelection	-.0299682	.0186731	-1.60	0.109	-.0665741
mrp_mean	.0333603	.0232359	1.44	0.151	-.0121902
totpop2	-.017692	.0060492	-2.92	0.003	-.0295506
incomex2	.0142905	.0036879	3.87	0.000	.0070609
_cons	.3359416	.0413454	8.13	0.000	.2548902

27 . reg replyinfo i.gender2##c.ratiofemcommchair2 nl_totalbills rep chamber2 pleader yrs

Linear regression

Number of obs	6,171
F(14, 6156)	25.02
Prob > F	0.0000
R-squared	0.0513
Root MSE	.46835

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf. I
1.gender2	.056522	.0297785	1.90	0.058	-.0018543
ratiofemcommchair2	.0619774	.063748	0.97	0.331	-.0629908
gender2#c.ratiofemcommchair2					
1	-.0104173	.1137102	-0.09	0.927	-.2333289
nl_totalbills	.0453222	.0045906	9.87	0.000	.0363231
rep	-.0379732	.0154649	-2.46	0.014	-.0682898
chamber2	.0039644	.0151623	0.26	0.794	-.025759
pleader	.1077285	.0447459	2.41	0.016	.0200109
yrserved2	-.0111236	.0015427	-7.21	0.000	-.0141479
minority	-.0347762	.0134509	-2.59	0.010	-.0611447
votepct3	.0078577	.0024612	3.19	0.001	.003033

reelection	-.0666171	.0182417	-3.65	0.000	-.1023772 -
mrp_mean	.0080133	.0219416	0.37	0.715	-.0349998
totpop2	.0247828	.0061891	4.00	0.000	.01265
incomex2	.0272647	.0035415	7.70	0.000	.0203221
_cons	.0665402	.0386881	1.72	0.085	-.0093019

```
28 .
29 . ********************************************************************************
30 . *table 3, columns 1 and 2 (in legislatures with no staff)
31 . reg reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minority
note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	1,932
F(28, 1903)	8.87
Prob > F	0.0000
R-squared	0.0881
Root MSE	.47797

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0554312	.0279286	1.98	0.047	.0006573	.1102051
nl_totalbills	.0857017	.0168278	5.09	0.000	.0526989	.1187046
rep	.004137	.0320689	0.13	0.897	-.058757	.0670309
chamber2	.0625959	.0421904	1.48	0.138	-.0201484	.1453402
pleader	-.0617662	.0770942	-0.80	0.423	-.2129642	.0894319
commchair2	-.0198111	.0265364	-0.75	0.455	-.0718545	.0322323
yrserved2	-.00813	.0029447	-2.76	0.006	-.0139052	-.0023549
minority	-.0291549	.031446	-0.93	0.354	-.0908271	.0325173
votepct3	.0046167	.0051233	0.90	0.368	-.0054312	.0146646
reelection	-.0984826	.0825615	-1.19	0.233	-.2604031	.063438
mrp_mean	.0757584	.052478	1.44	0.149	-.0271621	.1786789
totpop2	-.0117513	.0746163	-0.16	0.875	-.1580897	.1345871
incomex2	.009283	.0098423	0.94	0.346	-.0100199	.0285859
state2						
3	-.0212338	.1732452	-0.12	0.902	-.3610043	.3185366
4	.112227	.0764979	1.47	0.143	-.0378016	.2622557
14	-.2657938	.0803755	-3.31	0.001	-.4234272	-.1081605
17	-.0494169	.0839107	-0.59	0.556	-.2139836	.1151498
19	.0179682	.0730837	0.25	0.806	-.1253644	.1613008
24	-.2056553	.0683523	-3.01	0.003	-.3397086	-.071602
26	.2620154	.0724861	3.61	0.000	.1198549	.404176
29	.1364833	.0687524	1.99	0.047	.0016453	.2713212
31	.3195403	.0874678	3.65	0.000	.1479974	.4910832
34	.1508857	.0695964	2.17	0.030	.0143925	.2873789
36	.1250034	.0848141	1.47	0.141	-.041335	.2913417

41	.0988675	.0794367	1.24	0.213	-.0569247	.2546597
44	.3409405	.0754721	4.52	0.000	.1929238	.4889573
45	-.0250734	.0822039	-0.31	0.760	-.1862926	.1361459
48	-.0985839	.0831593	-1.19	0.236	-.2616769	.0645091
50	0	(omitted)				
_cons	.1455992	.0949802	1.53	0.125	-.0406771	.3318754

```
32 . reg replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
   note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	1,932
F(28, 1903)	=	6.36
Prob > F	=	0.0000
R-squared	=	0.0962
Root MSE	=	.36562

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0409246	.0218927	1.87	0.062	-.0020116	.0838609
nl_totalbills	.0240417	.0122606	1.96	0.050	-3.92e-06	.0480873
rep	-.0746728	.0215506	-3.46	0.001	-.1169381	-.0324075
chamber2	-.0122318	.0314307	-0.39	0.697	-.073874	.0494105
pleader	-.0002086	.0645463	-0.00	0.997	-.1267975	.1263804
commchair2	-.016877	.0202188	-0.83	0.404	-.0565303	.0227762
yrserved2	-.007504	.0021488	-3.49	0.000	-.0117183	-.0032896
minority	-.0447171	.021108	-2.12	0.034	-.0861144	-.0033198
votepct3	.004509	.0039899	1.13	0.259	-.0033161	.0123341
reelection	-.0977069	.0630601	-1.55	0.121	-.221381	.0259672
mrp_mean	.0455043	.0402212	1.13	0.258	-.033378	.1243866
totpop2	.0463963	.0612971	0.76	0.449	-.0738202	.1666129
incomex2	.0208123	.0079403	2.62	0.009	.0052396	.0363849
state2						
3	.1836285	.1485143	1.24	0.216	-.1076395	.4748965
4	.0712231	.0582603	1.22	0.222	-.0430376	.1854839
14	-.0489112	.0632038	-0.77	0.439	-.1728673	.0750448
17	.0261088	.06346	0.41	0.681	-.0983496	.1505672
19	-.0431245	.0489841	-0.88	0.379	-.1391926	.0529436
24	-.1193536	.0522591	-2.28	0.022	-.2218446	-.0168625
26	.2201183	.0578247	3.81	0.000	.1067118	.3335248
29	-.0068654	.049144	-0.14	0.889	-.1032471	.0895163
31	.2727767	.0756037	3.61	0.000	.1245019	.4210514
34	.0130384	.0447751	0.29	0.771	-.0747751	.1008518
36	.1751465	.0688828	2.54	0.011	.0400529	.3102402
41	.0572916	.0587642	0.97	0.330	-.0579574	.1725405

44	.3229427	.0659707	4.90	0.000	.1935603	.4523251
45	-.0443305	.0559288	-0.79	0.428	-.1540186	.0653577
48	-.017874	.0615862	-0.29	0.772	-.1386575	.1029094
50	0	(omitted)				
_cons	.0924091	.074583	1.24	0.215	-.0538638	.2386821

```
33 .
34 . *table 3, columns 3 and 4 (excluding staff replies)
35 . reg replyleg2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
   note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	4,809
F(60, 4748)	=	7.36
Prob > F	=	0.0000
R-squared	=	0.0840
Root MSE	=	.39968

replyleg2info	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0352977	.0146935	2.40	0.016	.0064917	.0641037
nl_totalbills	.0235242	.0088714	2.65	0.008	.0061321	.0409163
rep	-.0339177	.0151607	-2.24	0.025	-.0636398	-.0041957
chamber2	-.0236091	.0163735	-1.44	0.149	-.0557088	.0084906
pleader	.0857046	.0495062	1.73	0.083	-.0113504	.1827596
commchair2	-.0127845	.0140474	-0.91	0.363	-.040324	.014755
yrserved2	-.0083451	.001541	-5.42	0.000	-.0113662	-.005324
minority	-.0287013	.0144098	-1.99	0.046	-.0569512	-.0004514
votepct3	-.004449	.0029731	-1.50	0.135	-.0102775	.0013796
reelection	-.079291	.0479692	-1.65	0.098	-.1733329	.0147509
mrp_mean	-.0070793	.0251606	-0.28	0.778	-.0564057	.042247
totpop2	-.0121174	.009015	-1.34	0.179	-.029791	.0055561
incomex2	.009535	.0041365	2.31	0.021	.0014256	.0176444
state2						
2	.3631954	.0899925	4.04	0.000	.1867683	.5396225
3	.1299519	.068712	1.89	0.059	-.0047554	.2646593
4	.050138	.0500116	1.00	0.316	-.0479079	.148184
5	-.0394996	.0826064	-0.48	0.633	-.2014465	.1224472
6	.1078234	.060435	1.78	0.074	-.0106572	.2263041
7	.0327181	.0506358	0.65	0.518	-.0665515	.1319877
8	.3247259	.0884387	3.67	0.000	.151345	.4981068
9	.161091	.0655459	2.46	0.014	.0325906	.2895915
10	.1238665	.0492347	2.52	0.012	.0273437	.2203893
11	.1235911	.0816857	1.51	0.130	-.0365508	.283733
12	.2934844	.1095794	2.68	0.007	.078658	.5083108

13	.0429473	.0586872	0.73	0.464	-.0721067	.1580014
14	-.0522681	.0415915	-1.26	0.209	-.1338068	.0292705
15	.0935468	.0485284	1.93	0.054	-.0015913	.1886849
16	.0541564	.0458959	1.18	0.238	-.0358207	.1441336
17	.0209636	.0494109	0.42	0.671	-.0759047	.1178319
18	.0179405	.0618603	0.29	0.772	-.1033344	.1392154
19	-.0870732	.0443005	-1.97	0.049	-.1739227	-.0002237
20	.1226241	.0783064	1.57	0.117	-.0308928	.2761409
21	.1317799	.0588687	2.24	0.025	.0163699	.2471898
22	.2744696	.0723493	3.79	0.000	.1326315	.4163077
23	.027955	.0506949	0.55	0.581	-.0714306	.1273406
24	-.0953963	.0416215	-2.29	0.022	-.1769938	-.0137989
25	.2110991	.0588819	3.59	0.000	.0956634	.3265349
26	.1803761	.0563965	3.20	0.001	.0698128	.2909395
27	.2660271	.0889839	2.99	0.003	.0915774	.4404767
28	.1569761	.0817654	1.92	0.055	-.0033219	.3172742
29	-.0568113	.043126	-1.32	0.188	-.1413582	.0277356
30	-.1139551	.0688284	-1.66	0.098	-.2488908	.0209805
31	.188104	.0578876	3.25	0.001	.0746175	.3015905
32	.1274707	.0637957	2.00	0.046	.0024016	.2525398
33	.0078863	.0544471	0.14	0.885	-.0988553	.1146278
34	-.0168319	.0436156	-0.39	0.700	-.1023386	.0686749
35	.1235245	.077609	1.59	0.112	-.0286252	.2756742
36	.0593286	.0548012	1.08	0.279	-.0481072	.1667643
37	.2115378	.079921	2.65	0.008	.0548556	.3682201
38	.2262063	.0610632	3.70	0.000	.1064941	.3459184
39	.0932066	.0593605	1.57	0.116	-.0231674	.2095807
41	.0366675	.0560451	0.65	0.513	-.073207	.1465419
42	.2103389	.069145	3.04	0.002	.0747825	.3458952
43	.0276808	.0615694	0.45	0.653	-.0930239	.1483854
44	.3168562	.0603874	5.25	0.000	.1984689	.4352434
45	-.080997	.0487172	-1.66	0.096	-.1765053	.0145112
46	.1410075	.0731842	1.93	0.054	-.0024674	.2844824
47	.1584439	.0661059	2.40	0.017	.0288458	.2880421
48	-.0423852	.0488908	-0.87	0.386	-.1382339	.0534636
49	.1193519	.069431	1.72	0.086	-.0167652	.2554689
50	0	(omitted)				
_cons	.1877073	.0499815	3.76	0.000	.0897204	.2856943

```
36 . reg replyleg2info gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 mi
   note: 50.state2 omitted because of collinearity

   Linear regression                               Number of obs     =      4,809
                                                   F(60, 4748)       =       7.36
                                                   Prob > F          =     0.0000
                                                   R-squared         =     0.0840
                                                   Root MSE          =     .39968
```

replyleg2info	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0352977	.0146935	2.40	0.016	.0064917	.0641037
nl_totalbills	.0235242	.0088714	2.65	0.008	.0061321	.0409163
rep	-.0339177	.0151607	-2.24	0.025	-.0636398	-.0041957
chamber2	-.0236091	.0163735	-1.44	0.149	-.0557088	.0084906
pleader	.0857046	.0495062	1.73	0.083	-.0113504	.1827596
commchair2	-.0127845	.0140474	-0.91	0.363	-.040324	.014755
yrserved2	-.0083451	.001541	-5.42	0.000	-.0113662	-.005324
minority	-.0287013	.0144098	-1.99	0.046	-.0569512	-.0004514
votepct3	-.004449	.0029731	-1.50	0.135	-.0102775	.0013796
reelection	-.079291	.0479692	-1.65	0.098	-.1733329	.0147509
mrp_mean	-.0070793	.0251606	-0.28	0.778	-.0564057	.042247
totpop2	-.0121174	.009015	-1.34	0.179	-.029791	.0055561
incomex2	.009535	.0041365	2.31	0.021	.0014256	.0176444
state2						
2	.3631954	.0899925	4.04	0.000	.1867683	.5396225
3	.1299519	.068712	1.89	0.059	-.0047554	.2646593
4	.050138	.0500116	1.00	0.316	-.0479079	.148184
5	-.0394996	.0826064	-0.48	0.633	-.2014465	.1224472
6	.1078234	.060435	1.78	0.074	-.0106572	.2263041
7	.0327181	.0506358	0.65	0.518	-.0665515	.1319877
8	.3247259	.0884387	3.67	0.000	.151345	.4981068
9	.161091	.0655459	2.46	0.014	.0325906	.2895915
10	.1238665	.0492347	2.52	0.012	.0273437	.2203893
11	.1235911	.0816857	1.51	0.130	-.0365508	.283733
12	.2934844	.1095794	2.68	0.007	.078658	.5083108
13	.0429473	.0586872	0.73	0.464	-.0721067	.1580014
14	-.0522681	.0415915	-1.26	0.209	-.1338068	.0292705
15	.0935468	.0485284	1.93	0.054	-.0015913	.1886849
16	.0541564	.0458959	1.18	0.238	-.0358207	.1441336
17	.0209636	.0494109	0.42	0.671	-.0759047	.1178319
18	.0179405	.0618603	0.29	0.772	-.1033344	.1392154
19	-.0870732	.0443005	-1.97	0.049	-.1739227	-.0002237
20	.1226241	.0783064	1.57	0.117	-.0308928	.2761409
21	.1317799	.0588687	2.24	0.025	.0163699	.2471898
22	.2744696	.0723493	3.79	0.000	.1326315	.4163077
23	.027955	.0506949	0.55	0.581	-.0714306	.1273406
24	-.0953963	.0416215	-2.29	0.022	-.1769938	-.0137989
25	.2110991	.0588819	3.59	0.000	.0956634	.3265349
26	.1803761	.0563965	3.20	0.001	.0698128	.2909395
27	.2660271	.0889839	2.99	0.003	.0915774	.4404767
28	.1569761	.0817654	1.92	0.055	-.0033219	.3172742
29	-.0568113	.043126	-1.32	0.188	-.1413582	.0277356
30	-.1139551	.0688284	-1.66	0.098	-.2488908	.0209805

31	.188104	.0578876	3.25	0.001	.0746175	.3015905
32	.1274707	.0637957	2.00	0.046	.0024016	.2525398
33	.0078863	.0544471	0.14	0.885	-.0988553	.1146278
34	-.0168319	.0436156	-0.39	0.700	-.1023386	.0686749
35	.1235245	.077609	1.59	0.112	-.0286252	.2756742
36	.0593286	.0548012	1.08	0.279	-.0481072	.1667643
37	.2115378	.079921	2.65	0.008	.0548556	.3682201
38	.2262063	.0610632	3.70	0.000	.1064941	.3459184
39	.0932066	.0593605	1.57	0.116	-.0231674	.2095807
41	.0366675	.0560451	0.65	0.513	-.073207	.1465419
42	.2103389	.069145	3.04	0.002	.0747825	.3458952
43	.0276808	.0615694	0.45	0.653	-.0930239	.1483854
44	.3168562	.0603874	5.25	0.000	.1984689	.4352434
45	-.080997	.0487172	-1.66	0.096	-.1765053	.0145112
46	.1410075	.0731842	1.93	0.054	-.0024674	.2844824
47	.1584439	.0661059	2.40	0.017	.0288458	.2880421
48	-.0423852	.0488908	-0.87	0.386	-.1382339	.0534636
49	.1193519	.069431	1.72	0.086	-.0167652	.2554689
50	0	(omitted)				
_cons	.1877073	.0499815	3.76	0.000	.0897204	.2856943

```
37 .
38 . *table 3, columns 5 and 6 (ideology)
39 . reg reply2 gender2 cfscore2 nl_totalbills rep chamber2 pleader commchair2 yrserved2
note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	4,894
F(61, 4832)	=	12.11
Prob > F	=	0.0000
R-squared	=	0.1129
Root MSE	=	.47021

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0379768	.0165331	2.30	0.022	.0055645	.0703891
cfscore2	.0505437	.0175375	2.88	0.004	.0161622	.0849251
nl_totalbills	.0425296	.0109009	3.90	0.000	.0211589	.0639004
rep	.0883468	.0290088	3.05	0.002	.0314764	.1452173
chamber2	.044825	.0198596	2.26	0.024	.0058912	.0837587
pleader	.0929637	.0433338	2.15	0.032	.0080096	.1779177
commchair2	-.0065156	.0166067	-0.39	0.695	-.0390723	.0260411
yrserved2	-.0066505	.0019062	-3.49	0.000	-.0103876	-.0029134
minority	-.0346332	.0176333	-1.96	0.050	-.0692025	-.0000639
votepct3	-.004251	.0035871	-1.19	0.236	-.0112833	.0027813
reelection	-.0356144	.0741638	-0.48	0.631	-.1810093	.1097805

mrp_mean	.0689196	.0298675	2.31	0.021	.0103656	.1274736
totpop2	-.0256013	.0130681	-1.96	0.050	-.0512208	.0000183
incomex2	.0075003	.0045278	1.66	0.098	-.0013762	.0163768
state2						
2	.3470624	.0843063	4.12	0.000	.1817836	.5123411
3	.0898589	.0886421	1.01	0.311	-.0839199	.2636376
4	.1439636	.0777188	1.85	0.064	-.0084007	.2963278
5	.1743452	.1196828	1.46	0.145	-.0602876	.4089781
6	.0312782	.0830537	0.38	0.706	-.1315448	.1941013
7	.1273345	.0755723	1.68	0.092	-.0208216	.2754907
8	.3415672	.0830183	4.11	0.000	.1788136	.5043208
9	.3374555	.0761247	4.43	0.000	.1882165	.4866945
10	.1192623	.0698535	1.71	0.088	-.0176823	.2562069
11	.1190774	.0891272	1.34	0.182	-.0556525	.2938073
12	.4870982	.1195481	4.07	0.000	.2527296	.7214668
13	.1063701	.0783786	1.36	0.175	-.0472875	.2600278
14	-.1966287	.066762	-2.95	0.003	-.3275126	-.0657448
15	.161327	.0728269	2.22	0.027	.0185531	.3041009
16	.0516058	.0708961	0.73	0.467	-.0873828	.1905945
17	.017923	.0750033	0.24	0.811	-.1291177	.1649636
18	.1557687	.0712099	2.19	0.029	.016165	.2953725
19	.0598501	.0817448	0.73	0.464	-.1004068	.220107
20	.3663815	.0693661	5.28	0.000	.2303924	.5023705
21	.2850641	.0746818	3.82	0.000	.1386538	.4314745
22	.3215949	.077231	4.16	0.000	.1701869	.4730029
23	-.0204198	.0774772	-0.26	0.792	-.1723103	.1314708
24	-.1038798	.0639425	-1.62	0.104	-.2292362	.0214765
25	.4291861	.0672915	6.38	0.000	.2972642	.561108
26	.2215538	.0793347	2.79	0.005	.0660218	.3770858
27	.3921787	.1022407	3.84	0.000	.1917405	.5926169
28	.0959211	.1039993	0.92	0.356	-.1079649	.2998072
29	.1013424	.0816671	1.24	0.215	-.0587623	.2614471
30	.2263078	.0800655	2.83	0.005	.0693429	.3832726
31	.18058	.0791997	2.28	0.023	.0253125	.3358475
32	.1853065	.0803613	2.31	0.021	.0277619	.3428512
33	.2893795	.0756198	3.83	0.000	.1411302	.4376287
34	.1436221	.0776035	1.85	0.064	-.008516	.2957603
35	.1648483	.0964878	1.71	0.088	-.0243116	.3540083
36	.1932878	.0749146	2.58	0.010	.046421	.3401546
37	.4141998	.078775	5.26	0.000	.259765	.5686345
38	.2666334	.0742123	3.59	0.000	.1211436	.4121232
39	.2333769	.0785043	2.97	0.003	.0794728	.3872811
41	.1337565	.0848092	1.58	0.115	-.0325082	.3000212
42	.3144229	.0760042	4.14	0.000	.16542	.4634257
43	.1396353	.0817839	1.71	0.088	-.0206983	.299969
44	.3073407	.0762646	4.03	0.000	.1578273	.4568541
45	.0016158	.0807473	0.02	0.984	-.1566857	.1599174
46	.3347768	.0685668	4.88	0.000	.2003548	.4691989

47	.2489955	.0770707	3.23	0.001	.097902	.4000891
48	-.0996799	.0789771	-1.26	0.207	-.254511	.0551512
49	.2649408	.0778849	3.40	0.001	.1122509	.4176307
50	0	(omitted)				
_cons	.2556924	.0664092	3.85	0.000	.1255002	.3858847

40 . reg replyinfo gender2 cfscore2 nl_totalbills rep chamber2 pleader commchair2 yrserve
note: 50.state2 omitted because of collinearity

Linear regression

Number of obs	=	4,894
F(61, 4832)	=	18.65
Prob > F	=	0.0000
R-squared	=	0.1455
Root MSE	=	.44786

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0449882	.0158835	2.83	0.005	.0138494	.0761271
cfscore2	.0436372	.015636	2.79	0.005	.0129836	.0742908
nl_totalbills	.0371226	.0105287	3.53	0.000	.0164815	.0577637
rep	.0472681	.0272416	1.74	0.083	-.0061378	.1006739
chamber2	.0382406	.0185803	2.06	0.040	.0018148	.0746665
pleader	.1058323	.0452149	2.34	0.019	.0171905	.1944741
commchair2	-.0192039	.0156426	-1.23	0.220	-.0498705	.0114628
yrserved2	-.0069295	.0017469	-3.97	0.000	-.0103542	-.0035049
minority	-.0313636	.0167101	-1.88	0.061	-.064123	.0013957
votepct3	-.007525	.0033313	-2.26	0.024	-.0140558	-.0009942
reelection	-.157508	.053764	-2.93	0.003	-.2629099	-.0521062
mrp_mean	-.0186216	.0277331	-0.67	0.502	-.0729912	.035748
totpop2	-.0181969	.0127401	-1.43	0.153	-.0431733	.0067794
incomex2	.0182968	.0044524	4.11	0.000	.009568	.0270256
state2						
2	.4830791	.0806941	5.99	0.000	.3248819	.6412764
3	.2953916	.0770039	3.84	0.000	.1444288	.4463543
4	.0794273	.0557224	1.43	0.154	-.0298139	.1886685
5	.2972073	.1107628	2.68	0.007	.0800618	.5143529
6	.2498713	.0697534	3.58	0.000	.1131229	.3866196
7	.1539691	.0583689	2.64	0.008	.0395396	.2683987
8	.4197937	.0787862	5.33	0.000	.2653369	.5742505
9	.4828177	.0638712	7.56	0.000	.3576011	.6080342
10	.2289826	.0532998	4.30	0.000	.1244907	.3334746
11	.2841166	.0780372	3.64	0.000	.1311282	.4371051
12	.3012796	.1227114	2.46	0.014	.0607093	.5418498
13	.1993864	.0638413	3.12	0.002	.0742283	.3245445

14	.0621668	.0498925	1.25	0.213	-.0356453	.1599789
15	.1329097	.0537953	2.47	0.014	.0274464	.2383731
16	.0628376	.0474707	1.32	0.186	-.0302265	.1559017
17	.0956637	.0548321	1.74	0.081	-.0118321	.2031595
18	.1535425	.0657648	2.33	0.020	.0246135	.2824716
19	-.0817085	.0549883	-1.49	0.137	-.1895106	.0260935
20	.2698165	.0675736	3.99	0.000	.1373415	.4022914
21	.2202688	.0620291	3.55	0.000	.0986635	.3418741
22	.3918006	.0671719	5.83	0.000	.2601132	.523488
23	-.0342519	.0551096	-0.62	0.534	-.1422919	.073788
24	-.1366034	.0484731	-2.82	0.005	-.2316328	-.0415741
25	.4447235	.0552646	8.05	0.000	.3363798	.5530671
26	.1953503	.0618816	3.16	0.002	.0740342	.3166664
27	.2615192	.1007034	2.60	0.009	.0640947	.4589438
28	.2027192	.0950024	2.13	0.033	.0164712	.3889671
29	-.1014665	.0503785	-2.01	0.044	-.2002312	-.0027018
30	.1633698	.0763313	2.14	0.032	.0137257	.313014
31	.2094197	.0621029	3.37	0.001	.0876698	.3311697
32	.2338598	.0675772	3.46	0.001	.1013777	.3663419
33	.322789	.0632547	5.10	0.000	.198781	.446797
34	.0105532	.0477879	0.22	0.825	-.0831329	.1042392
35	.2756146	.0841817	3.27	0.001	.1105801	.4406491
36	.2354497	.061213	3.85	0.000	.1154443	.3554551
37	.484837	.071344	6.80	0.000	.3449703	.6247037
38	.3773803	.0613545	6.15	0.000	.2570976	.4976629
39	.1526388	.0650566	2.35	0.019	.0250982	.2801794
41	.0505998	.0627596	0.81	0.420	-.0724376	.1736372
42	.3773302	.0668658	5.64	0.000	.2462428	.5084175
43	.3336017	.0690251	4.83	0.000	.1982811	.4689222
44	.3338067	.0643199	5.19	0.000	.2077104	.459903
45	-.1296362	.0506114	-2.56	0.010	-.2288576	-.0304148
46	.2647385	.0670657	3.95	0.000	.1332592	.3962177
47	.3558984	.0655364	5.43	0.000	.2274172	.4843795
48	-.0541387	.0530282	-1.02	0.307	-.1580981	.0498207
49	.2724142	.0680237	4.00	0.000	.1390568	.4057717
50	0	(omitted)				
_cons	.1362126	.0586129	2.32	0.020	.0213045	.2511206

```
41 .
42 . ********************************************************************************
43 . *table 4, columns 1 and 2 (leg gender x constituent gender)
44 . reg reply2 i.gender2##i.gendersender2 nl_totalbills rep chamber2 pleader commchair2
note: 50.state2 omitted because of collinearity

Linear regression                               Number of obs     =      6,268
                                                F(62, 6205)       =      15.44
                                                Prob > F          =     0.0000
```

R-squared = **0.1115**
Root MSE = **.47005**

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0411395	.0201446	2.04	0.041	.001649	.080629
1.gendersender2	-.0140462	.0137179	-1.02	0.306	-.040938	.012845
gender2#gendersender2						
1 1	-.000624	.0277007	-0.02	0.982	-.0549269	.05367
nl_totalbills	.0423523	.009577	4.42	0.000	.0235781	.061126
rep	.0243706	.016154	1.51	0.131	-.0072969	.056038
chamber2	.0522371	.0183127	2.85	0.004	.0163379	.088136
pleader	.0859292	.0425101	2.02	0.043	.0025947	.169263
commchair2	-.0096797	.0148011	-0.65	0.513	-.0386951	.019335
yrserved2	-.0077453	.0017056	-4.54	0.000	-.011089	-.004401
minority	-.037496	.0151367	-2.48	0.013	-.0671691	-.007822
votepct3	-.0026918	.0031131	-0.86	0.387	-.0087945	.00341
reelection	-.0466144	.066344	-0.70	0.482	-.1766716	.083442
mrp_mean	.0693345	.0258827	2.68	0.007	.0185955	.120073
totpop2	-.0237918	.0117007	-2.03	0.042	-.0467292	-.000854
incomex2	.0038126	.0039916	0.96	0.340	-.0040123	.011637
state2						
2	.3557004	.0768968	4.63	0.000	.2049561	.506444
3	.094501	.0799702	1.18	0.237	-.0622684	.251270
4	.1599781	.0677822	2.36	0.018	.0271015	.292854
5	.1668147	.1041181	1.60	0.109	-.0372929	.370922
6	.0421174	.0726997	0.58	0.562	-.1003993	.184634
7	.1424669	.0669068	2.13	0.033	.0113064	.273627
8	.3716441	.0768136	4.84	0.000	.2210627	.522225
9	.3685078	.0683908	5.39	0.000	.2344382	.502577
10	.1387611	.0631043	2.20	0.028	.0150548	.262467
11	.1567056	.0825446	1.90	0.058	-.0051104	.318521
12	.5134936	.1012272	5.07	0.000	.3150532	.711934
13	.1543194	.0713072	2.16	0.030	.0145326	.294106
14	-.2066843	.0608417	-3.40	0.001	-.325955	-.087413
15	.1883344	.0657367	2.86	0.004	.0594676	.317201
16	.0887553	.0649272	1.37	0.172	-.0385244	.216035
17	.011814	.0684919	0.17	0.863	-.1224539	.146081
18	.1750436	.0612334	2.86	0.004	.055005	.295082
19	.0699668	.066856	1.05	0.295	-.0610941	.201027
20	.4003469	.0603038	6.64	0.000	.2821305	.518563
21	.3235186	.0669176	4.83	0.000	.1923369	.454700
22	.3556229	.0682431	5.21	0.000	.2218429	.48940
23	.034229	.0673107	0.51	0.611	-.0977233	.166181

24	-.1040189	.0572629	-1.82	0.069	-.2162739	.008236
25	.4539141	.0615919	7.37	0.000	.3331725	.574655
26	.220786	.0708047	3.12	0.002	.0819844	.359587
27	.3696204	.0845387	4.37	0.000	.2038954	.535345
28	.0995227	.0910051	1.09	0.274	-.0788788	.277924
29	.0885239	.0623784	1.42	0.156	-.0337593	.210807
30	.2203468	.0731816	3.01	0.003	.0768855	.36380
31	.235156	.0717399	3.28	0.001	.0945208	.375791
32	.1897442	.0724866	2.62	0.009	.0476452	.331843
33	.2988038	.0668277	4.47	0.000	.1677985	.429809
34	.1461379	.0676036	2.16	0.031	.0136115	.278664
35	.2045598	.0864837	2.37	0.018	.0350218	.374097
36	.2086394	.0673189	3.10	0.002	.076671	.340607
37	.4656207	.0699805	6.65	0.000	.3284346	.602806
38	.2787504	.0668216	4.17	0.000	.1477569	.409743
39	.2502533	.0710181	3.52	0.000	.1110332	.389473
41	.1357832	.0740794	1.83	0.067	-.0094381	.281004
42	.3139795	.0692343	4.54	0.000	.1782564	.449702
43	.1202471	.0737128	1.63	0.103	-.0242556	.264749
44	.3293013	.0685691	4.80	0.000	.1948821	.463720
45	.0503236	.071342	0.71	0.481	-.0895315	.190178
46	.3760784	.0585049	6.43	0.000	.2613886	.490768
47	.2778759	.0697645	3.98	0.000	.1411134	.414638
48	-.0499656	.0702604	-0.71	0.477	-.1877004	.087769
49	.2889488	.0698433	4.14	0.000	.1520318	.425865
50	0	(omitted)				
_cons	.2924197	.0581695	5.03	0.000	.1783874	.40645

45 . reg replyinfo i.gender2##i.gendersender2 nl_totalbills rep chamber2 pleader commchai
note: 50.state2 omitted because of collinearity

Linear regression

Number of obs	=	6,268
F(62, 6205)	=	22.19
Prob > F	=	0.0000
R-squared	=	0.1473
Root MSE	=	.4458

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0534735	.0194602	2.75	0.006	.0153248	.091622
1.gendersender2	-.0112904	.0129035	-0.87	0.382	-.0365857	.01400
gender2#gendersender2						
1 1	.0018029	.0267101	0.07	0.946	-.0505582	.05416

nl_totalbills	.0287226	.0090453	3.18	0.002	.0109906	.046454
rep	-.0243529	.0149456	-1.63	0.103	-.0536514	.004945
chamber2	.0315581	.0170149	1.85	0.064	-.0017969	.064913
pleader	.0851133	.0441076	1.93	0.054	-.0013528	.171579
commchair2	-.0180179	.0139188	-1.29	0.196	-.0453036	.009267
yrserved2	-.0081168	.0015504	-5.24	0.000	-.0111562	-.005077
minority	-.0383017	.0141963	-2.70	0.007	-.0661313	-.01047
votepct3	-.0048732	.0029001	-1.68	0.093	-.0105583	.000811
reelection	-.1417659	.0497947	-2.85	0.004	-.2393808	-.044151
mrp_mean	-.0095451	.024218	-0.39	0.693	-.0570208	.037930
totpop2	-.0100227	.0113557	-0.88	0.377	-.0322838	.012238
incomex2	.0173392	.0039198	4.42	0.000	.009655	.025023
state2						
2	.472717	.0732319	6.46	0.000	.3291571	.616276
3	.2628456	.0699645	3.76	0.000	.1256909	.400000
4	.0939987	.0511681	1.84	0.066	-.0063084	.194305
5	.2467686	.0955038	2.58	0.010	.059548	.433989
6	.2169603	.0613524	3.54	0.000	.0966884	.337232
7	.1407881	.0527344	2.67	0.008	.0374104	.244165
8	.4533188	.0746292	6.07	0.000	.3070197	.599617
9	.4737913	.0588564	8.05	0.000	.3584123	.589170
10	.2108815	.0496008	4.25	0.000	.1136468	.308116
11	.3136591	.0735916	4.26	0.000	.169394	.457924
12	.3100379	.1097573	2.82	0.005	.0948755	.525200
13	.2065652	.0589545	3.50	0.000	.090994	.322136
14	.0372587	.0471352	0.79	0.429	-.0551426	.1296
15	.1108884	.0493004	2.25	0.025	.0142426	.207534
16	.0689499	.0465412	1.48	0.139	-.0222871	.160186
17	.0594226	.0506514	1.17	0.241	-.0398717	.158716
18	.162967	.057101	2.85	0.004	.0510293	.274904
19	-.0711539	.0451108	-1.58	0.115	-.1595867	.017278
20	.3366605	.0584634	5.76	0.000	.222052	.45126
21	.2505124	.0567543	4.41	0.000	.1392542	.361770
22	.4099141	.0601052	6.82	0.000	.2920871	.52774
23	.0380114	.0511024	0.74	0.457	-.0621671	.138189
24	-.1354131	.0442077	-3.06	0.002	-.2220755	-.048750
25	.4255299	.0531782	8.00	0.000	.3212822	.529777
26	.2100571	.0564046	3.72	0.000	.0994846	.320629
27	.3069104	.0835364	3.67	0.000	.1431501	.470670
28	.1872343	.0809513	2.31	0.021	.0285416	.34592
29	-.0377239	.0436468	-0.86	0.387	-.1232868	.04783
30	.1703122	.0696631	2.44	0.015	.0337485	.30687
31	.2359469	.058633	4.02	0.000	.121006	.350887
32	.2336797	.0613754	3.81	0.000	.1133627	.353996
33	.331134	.0561696	5.90	0.000	.2210222	.441245
34	-.0137815	.0437771	-0.31	0.753	-.0995997	.072036
35	.3063783	.0770535	3.98	0.000	.1553267	.457429
36	.2345386	.0557385	4.21	0.000	.1252719	.343805

37	.5201121	.0643477	8.08	0.000	.3939684	.646255
38	.3878855	.0559019	6.94	0.000	.2782984	.497472
39	.1455927	.0593675	2.45	0.014	.0292118	.261973
41	.0324974	.0556997	0.58	0.560	-.0766933	.141688
42	.3649619	.0622231	5.87	0.000	.2429831	.486940
43	.283776	.0628723	4.51	0.000	.1605244	.407027
44	.346603	.0597604	5.80	0.000	.2294519	.463754
45	-.0792804	.0492522	-1.61	0.108	-.1758318	.017270
46	.3164467	.0580499	5.45	0.000	.2026487	.430244
47	.38059	.06019	6.32	0.000	.2625968	.498583
48	-.0254427	.049512	-0.51	0.607	-.1225033	.071617
49	.2646616	.0613706	4.31	0.000	.144354	.384969
50	0	(omitted)				
_cons	.177271	.0517932	3.42	0.001	.0757384	.278803

```
46 .
47 . *table 4, columns 3 and 4 (leg gender x gender treatment)
48 . reg reply2 i.gender2##i.gtreatment3 nl_totalbills rep chamber2 pleader commchair2 yr
   note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	6,268
F(62, 6205)	=	15.42
Prob > F	=	0.0000
R-squared	=	0.1114
Root MSE	=	.47008

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0284539	.0200945	1.42	0.157	-.0109383	.0678461
1.gtreatment3	-.0061268	.013725	-0.45	0.655	-.0330325	.0207788
gender2#gtreatment3						
1 1	.0238627	.0277013	0.86	0.389	-.0304413	.0781668
nl_totalbills	.0422934	.0095758	4.42	0.000	.0235215	.0610652
rep	.0243741	.0161598	1.51	0.132	-.0073047	.0560529
chamber2	.0524144	.0183171	2.86	0.004	.0165066	.0883222
pleader	.0869879	.0425443	2.04	0.041	.0035863	.1703895
commchair2	-.0097321	.0147946	-0.66	0.511	-.0387346	.0192704
yrserved2	-.0077431	.0017062	-4.54	0.000	-.0110878	-.0043984
minority	-.0373439	.0151399	-2.47	0.014	-.0670234	-.0076644
votepct3	-.0025884	.0031149	-0.83	0.406	-.0086947	.0035179
reelection	-.0467049	.0664148	-0.70	0.482	-.1769009	.0834911
mrp_mean	.069741	.0258949	2.69	0.007	.0189779	.1205041
totpop2	-.0235867	.0117094	-2.01	0.044	-.0465411	-.0006323

incomex2	.0038316	.0039952	0.96	0.338	-.0040004	.0116635
state2						
2	.3587589	.0768668	4.67	0.000	.2080733	.5094445
3	.0950409	.0799302	1.19	0.234	-.06165	.2517318
4	.1598122	.0678889	2.35	0.019	.0267264	.292898
5	.1667049	.1041567	1.60	0.110	-.0374783	.3708881
6	.0422888	.0727735	0.58	0.561	-.1003725	.1849501
7	.1436573	.0670146	2.14	0.032	.0122856	.275029
8	.3712794	.076728	4.84	0.000	.2208659	.5216928
9	.3689769	.0684606	5.39	0.000	.2347704	.5031835
10	.1393222	.063172	2.21	0.027	.0154831	.2631612
11	.1568044	.0823971	1.90	0.057	-.0047225	.3183313
12	.5147356	.1013738	5.08	0.000	.3160079	.7134633
13	.155994	.0713665	2.19	0.029	.016091	.2958971
14	-.2048649	.0608989	-3.36	0.001	-.3242478	-.0854819
15	.1884105	.0658044	2.86	0.004	.0594112	.3174099
16	.0891309	.0650581	1.37	0.171	-.0384056	.2166674
17	.0136769	.0686022	0.20	0.842	-.1208072	.1481609
18	.175828	.0611478	2.88	0.004	.0559572	.2956988
19	.0711777	.0669178	1.06	0.288	-.0600044	.2023598
20	.4011973	.0603317	6.65	0.000	.2829263	.5194683
21	.3251669	.0670001	4.85	0.000	.1938235	.4565103
22	.3559981	.0683109	5.21	0.000	.2220852	.4899111
23	.0350568	.0673728	0.52	0.603	-.0970171	.1671308
24	-.1032174	.0572195	-1.80	0.071	-.2153874	.0089526
25	.4545724	.0616538	7.37	0.000	.3337097	.5754351
26	.222644	.0707897	3.15	0.002	.0838717	.3614163
27	.3690832	.0843584	4.38	0.000	.2037116	.5344548
28	.1020965	.0910727	1.12	0.262	-.0764375	.2806306
29	.0898983	.062467	1.44	0.150	-.0325586	.2123552
30	.2200659	.0732472	3.00	0.003	.076476	.3636557
31	.2356219	.0717946	3.28	0.001	.0948797	.3763642
32	.1900723	.0725606	2.62	0.009	.0478284	.3323162
33	.3001581	.0669093	4.49	0.000	.1689927	.4313235
34	.1477131	.0675614	2.19	0.029	.0152693	.280157
35	.2061517	.0865396	2.38	0.017	.0365042	.3757992
36	.2092654	.0673461	3.11	0.002	.0772437	.341287
37	.4656033	.0699703	6.65	0.000	.3284373	.6027693
38	.2791738	.0668665	4.18	0.000	.1480923	.4102552
39	.2513251	.0711312	3.53	0.000	.1118833	.3907669
41	.1376676	.074203	1.86	0.064	-.007796	.2831313
42	.3148218	.0693237	4.54	0.000	.1789234	.4507203
43	.1201372	.0738579	1.63	0.104	-.0246498	.2649243
44	.3306231	.0686471	4.82	0.000	.196051	.4651952
45	.0522423	.0714276	0.73	0.465	-.0877805	.1922651
46	.3770532	.0585053	6.44	0.000	.2623625	.491744
47	.2779917	.0698742	3.98	0.000	.1410142	.4149693
48	-.047251	.0703134	-0.67	0.502	-.1850896	.0905875

49	.2888848	.0698845	4.13	0.000	.151887	.4258826
50	0	(omitted)				
_cons	.2870025	.0581346	4.94	0.000	.1730385	.4009665

```
49 . reg replyinfo i.gender2##i.gtreatment3 nl_totalbills rep chamber2 pleader commchair2
note: 50.state2 omitted because of collinearity

Linear regression                               Number of obs     =      6,268
                                                F(62, 6205)       =      22.23
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1476
                                                Root MSE          =     .44574
```

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.gender2	.0441611	.019082	2.31	0.021	.0067537	.0815684
1.gtreatment3	.0108774	.0129018	0.84	0.399	-.0144147	.0361694
gender2#gtreatment3						
1 1	.0199591	.0266642	0.75	0.454	-.0323118	.0722301
nl_totalbills	.0286495	.0090409	3.17	0.002	.0109262	.0463729
rep	-.0243919	.0149278	-1.63	0.102	-.0536555	.0048718
chamber2	.0314099	.0170272	1.84	0.065	-.0019694	.0647892
pleader	.0854235	.0440627	1.94	0.053	-.0009546	.1718016
commchair2	-.0179151	.013906	-1.29	0.198	-.0451755	.0093454
yrserved2	-.0081566	.0015501	-5.26	0.000	-.0111953	-.005118
minority	-.0380821	.014194	-2.68	0.007	-.0659072	-.0102569
votepct3	-.0047876	.0029012	-1.65	0.099	-.010475	.0008999
reelection	-.1417906	.0498005	-2.85	0.004	-.2394169	-.0441643
mrp_mean	-.0091107	.0242193	-0.38	0.707	-.056589	.0383676
totpop2	-.0096503	.0113779	-0.85	0.396	-.031955	.0126544
incomex2	.0173023	.0039217	4.41	0.000	.0096145	.0249902
state2						
2	.4751463	.0731688	6.49	0.000	.33171	.6185825
3	.2619015	.0697752	3.75	0.000	.1251179	.398685
4	.0938641	.0510806	1.84	0.066	-.0062715	.1939997
5	.245339	.095432	2.57	0.010	.0582592	.4324188
6	.2168702	.0611613	3.55	0.000	.0969729	.3367675
7	.1405608	.0526263	2.67	0.008	.0373951	.2437265
8	.4531423	.0743618	6.09	0.000	.3073674	.5989172
9	.4741615	.0588388	8.06	0.000	.3588172	.5895059
10	.2114189	.0495686	4.27	0.000	.1142474	.3085905
11	.314005	.0733571	4.28	0.000	.1701998	.4578102

12	.3113674	.1099501	2.83	0.005	.0958271	.5269077
13	.2076008	.0589213	3.52	0.000	.0920947	.323107
14	.0390812	.0470599	0.83	0.406	-.0531726	.131335
15	.1117441	.0492004	2.27	0.023	.0152943	.2081938
16	.0694666	.0464395	1.50	0.135	-.021571	.1605041
17	.0608286	.0506458	1.20	0.230	-.0384548	.160112
18	.1637568	.0571313	2.87	0.004	.0517598	.2757539
19	-.0712601	.0450722	-1.58	0.114	-.1596172	.017097
20	.3369238	.0585591	5.75	0.000	.2221277	.4517198
21	.2511869	.0566947	4.43	0.000	.1400456	.3623281
22	.4095443	.0600671	6.82	0.000	.291792	.5272966
23	.0379716	.0509654	0.75	0.456	-.0619383	.1378815
24	-.1343574	.0442953	-3.03	0.002	-.2211916	-.0475232
25	.4254925	.0531501	8.01	0.000	.3212999	.5296851
26	.2117071	.0562956	3.76	0.000	.1013483	.3220659
27	.3071529	.0833639	3.68	0.000	.1437307	.4705751
28	.1901991	.0808746	2.35	0.019	.0316569	.3487413
29	-.0367424	.0435774	-0.84	0.399	-.1221692	.0486844
30	.170168	.0698059	2.44	0.015	.0333242	.3070117
31	.236402	.0585627	4.04	0.000	.1215989	.3512051
32	.234183	.0613117	3.82	0.000	.1139909	.3543752
33	.3316631	.0561563	5.91	0.000	.2215773	.4417488
34	-.0119759	.0436462	-0.27	0.784	-.0975375	.0735857
35	.3080225	.0769043	4.01	0.000	.1572633	.4587816
36	.2338596	.0556829	4.20	0.000	.1247018	.3430173
37	.5216299	.0642287	8.12	0.000	.3957195	.6475403
38	.3876132	.0557984	6.95	0.000	.278229	.4969974
39	.14631	.0593288	2.47	0.014	.0300049	.262615
41	.0326336	.0556404	0.59	0.558	-.0764409	.1417082
42	.3662604	.0622406	5.88	0.000	.2442474	.4882735
43	.2819676	.0628912	4.48	0.000	.1586791	.4052561
44	.3466373	.0598853	5.79	0.000	.2292413	.4640333
45	-.0776095	.0491581	-1.58	0.114	-.1739764	.0187575
46	.3153942	.0581143	5.43	0.000	.20147	.4293185
47	.378968	.0601785	6.30	0.000	.2609973	.4969387
48	-.0231273	.0494227	-0.47	0.640	-.1200128	.0737583
49	.2644355	.061403	4.31	0.000	.1440643	.3848067
50	0	(omitted)				
_cons	.1654137	.0518677	3.19	0.001	.063735	.2670924

```
50 .
51 . *table 4, columns 5 and 6 (constituent gender x gender treatment)
52 . reg reply2 i.gender2 i.gendersender2##i.gtreatment3 nl_totalbills rep chamber2 plead
   note: 50.state2 omitted because of collinearity

   Linear regression                               Number of obs     =      6,268
                                                   F(63, 6204)       =      15.27
```

Prob > F	= 0.0000
R-squared	= 0.1119
Root MSE	= .47

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Inte
1.gender2	.0407739	.0143091	2.85	0.004	.0127231	.06
1.gendersender2	-.0327722	.0170498	-1.92	0.055	-.0661957	.00
1.gtreatment3	-.0184451	.0169666	-1.09	0.277	-.0517056	.01
gendersender2#gtreatment3						
1 1	.0362274	.0239251	1.51	0.130	-.0106741	.08
nl_totalbills	.0421776	.0095747	4.41	0.000	.0234079	.06
rep	.0245376	.0161498	1.52	0.129	-.0071216	.05
chamber2	.0522513	.0183061	2.85	0.004	.0163651	.08
pleader	.0871318	.0425781	2.05	0.041	.0036639	.17
commchair2	-.0095972	.0147923	-0.65	0.516	-.0385952	.01
yrserved2	-.0077401	.0017044	-4.54	0.000	-.0110813	-.0
minority	-.0367494	.0151331	-2.43	0.015	-.0664156	-.00
votepct3	-.0026387	.0031143	-0.85	0.397	-.0087439	.00
reelection	-.0463218	.0664013	-0.70	0.485	-.1764914	.08
mrp_mean	.0695133	.0258676	2.69	0.007	.0188038	.12
totpop2	-.0236162	.0116778	-2.02	0.043	-.0465087	-.00
incomex2	.0039092	.0039948	0.98	0.328	-.003922	.01
state2						
2	.355361	.076735	4.63	0.000	.2049339	.50
3	.0939151	.0799287	1.17	0.240	-.0627728	.25
4	.161358	.067828	2.38	0.017	.0283916	.29
5	.1678072	.1040666	1.61	0.107	-.0361995	.37
6	.0436995	.0726854	0.60	0.548	-.0987892	.18
7	.1430605	.0669075	2.14	0.033	.0118987	.27
8	.3728611	.0769159	4.85	0.000	.2220794	.52
9	.3678331	.0684142	5.38	0.000	.2337176	.50
10	.1402789	.0631238	2.22	0.026	.0165344	.26
11	.1575237	.0826484	1.91	0.057	-.0044957	.31
12	.5143328	.1015695	5.06	0.000	.3152214	.71
13	.1537118	.0712855	2.16	0.031	.0139675	.29
14	-.204682	.0608624	-3.36	0.001	-.3239934	-.08
15	.1892195	.0657752	2.88	0.004	.0602773	.31
16	.0889504	.0649515	1.37	0.171	-.038377	.21
17	.012206	.0685009	0.18	0.859	-.1220795	.14
18	.1758726	.0612763	2.87	0.004	.0557499	.29
19	.0712951	.0668967	1.07	0.287	-.0598457	.20
20	.3994418	.0603091	6.62	0.000	.2812151	.51
21	.3250657	.0669847	4.85	0.000	.1937524	.4

22	.3557234	.0682677	5.21	0.000	.2218951	.48
23	.0350405	.0673262	0.52	0.603	-.0969422	.16
24	-.1046233	.0572286	-1.83	0.068	-.2168113	.00
25	.4532234	.0616453	7.35	0.000	.3323772	.57
26	.2198023	.0708214	3.10	0.002	.0809678	.35
27	.3702047	.0846177	4.38	0.000	.2043248	.53
28	.0995488	.0910625	1.09	0.274	-.0789652	.27
29	.0877906	.0624117	1.41	0.160	-.034558	.21
30	.2198107	.0731698	3.00	0.003	.0763726	.36
31	.2361025	.0718148	3.29	0.001	.0953207	.37
32	.1910447	.0724937	2.64	0.008	.048932	.33
33	.298494	.0669431	4.46	0.000	.1672624	.42
34	.1475519	.0676623	2.18	0.029	.0149103	.28
35	.2046257	.0862906	2.37	0.018	.0354663	.37
36	.2085546	.0674107	3.09	0.002	.0764062	.3
37	.465817	.0699457	6.66	0.000	.3286993	.60
38	.2795107	.0668415	4.18	0.000	.1484781	.41
39	.2528258	.0710486	3.56	0.000	.1135459	.39
41	.1356563	.074127	1.83	0.067	-.0096583	.28
42	.3141846	.0692698	4.54	0.000	.1783918	.44
43	.1216414	.073665	1.65	0.099	-.0227676	.26
44	.3280909	.0685062	4.79	0.000	.193795	.46
45	.0515756	.0713766	0.72	0.470	-.0883473	.19
46	.3772966	.0585601	6.44	0.000	.2624985	.49
47	.2776685	.0697864	3.98	0.000	.1408631	.4
48	-.0489152	.0703237	-0.70	0.487	-.1867741	.08
49	.28799	.0698663	4.12	0.000	.1510278	.42
50	0	(omitted)				
_cons	.3005698	.058631	5.13	0.000	.1856328	.41

53 . reg replyinfo i.gender2 i.gendersender2##i.gtreatment3 nl_totalbills rep chamber2 pl
note: 50.state2 omitted because of collinearity

Linear regression

Number of obs	=	6,268
F(63, 6204)	=	21.87
Prob > F	=	0.0000
R-squared	=	0.1477
Root MSE	=	.44575

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Inte
1.gender2	.0544657	.0138173	3.94	0.000	.0273789	.08
1.gendersender2	-.0185937	.0160721	-1.16	0.247	-.0501005	.01
1.gtreatment3	.0080188	.0160248	0.50	0.617	-.0233954	.03

gendersender2#gtreatment3						
1 1	.0153588	.022655	0.68	0.498	-.0290528	.05
nl_totalbills	.0286302	.0090435	3.17	0.002	.0109017	.04
rep	-.0243236	.0149305	-1.63	0.103	-.0535926	.00
chamber2	.0312668	.0170141	1.84	0.066	-.0020868	.06
pleader	.0851063	.0440809	1.93	0.054	-.0013076	.17
commchair2	-.0178427	.0139086	-1.28	0.200	-.0451083	.0
yrserved2	-.0081531	.00155	-5.26	0.000	-.0111916	-.00
minority	-.0378992	.0141949	-2.67	0.008	-.0657262	-.01
votepct3	-.0048439	.0029	-1.67	0.095	-.010529	.00
reelection	-.1415848	.0498868	-2.84	0.005	-.2393802	-.04
mrp_mean	-.0093599	.0242157	-0.39	0.699	-.0568311	.03
totpop2	-.0097433	.0113485	-0.86	0.391	-.0319903	.01
incomex2	.0173294	.0039221	4.42	0.000	.0096407	.02
state2						
2	.4725699	.0730265	6.47	0.000	.3294127	.61
3	.2612825	.069813	3.74	0.000	.1244249	.39
4	.0945715	.0511535	1.85	0.065	-.0057072	.19
5	.2458569	.0953825	2.58	0.010	.0588741	.43
6	.2174502	.0612092	3.55	0.000	.0974589	.33
7	.1399559	.0526857	2.66	0.008	.0366736	.24
8	.4539919	.0745484	6.09	0.000	.3078512	.60
9	.4734883	.05886	8.04	0.000	.3581024	.58
10	.211646	.0496501	4.26	0.000	.1143145	.30
11	.3142912	.0736388	4.27	0.000	.1699335	.45
12	.3107311	.1103981	2.81	0.005	.0943126	.52
13	.2060351	.0589495	3.50	0.000	.0904736	.32
14	.0385167	.0471922	0.82	0.414	-.0539964	.13
15	.1120803	.049301	2.27	0.023	.0154332	.20
16	.0692871	.0465359	1.49	0.137	-.0219394	.16
17	.0595925	.0506773	1.18	0.240	-.0397527	.15
18	.1634837	.0571918	2.86	0.004	.0513679	.27
19	-.0715988	.0452057	-1.58	0.113	-.1602175	.
20	.3358636	.0585308	5.74	0.000	.2211229	.45
21	.2505955	.0567966	4.41	0.000	.1392545	.36
22	.4093295	.0601064	6.81	0.000	.2915002	.52
23	.0376501	.0510585	0.74	0.461	-.0624422	.13
24	-.135223	.0443199	-3.05	0.002	-.2221054	-.04
25	.4246923	.0532163	7.98	0.000	.3203698	.52
26	.2098795	.0563682	3.72	0.000	.0993784	.32
27	.3078178	.0836494	3.68	0.000	.143836	.47
28	.1882189	.0809566	2.32	0.020	.0295159	.34
29	-.0380978	.0436252	-0.87	0.383	-.1236183	.04
30	.170247	.0697266	2.44	0.015	.0335588	.30
31	.2365066	.0586814	4.03	0.000	.1214707	.35
32	.2344823	.061395	3.82	0.000	.1141269	.35
33	.3304939	.0562185	5.88	0.000	.2202862	.44

34	-.0126388	.0437623	-0.29	0.773	-.0984281	.07
35	.3068109	.0768584	3.99	0.000	.1561418	.45
36	.233295	.0557719	4.18	0.000	.1239628	.34
37	.5217445	.0642888	8.12	0.000	.3957162	.64
38	.3875952	.0559193	6.93	0.000	.2779741	.49
39	.1465035	.0594726	2.46	0.014	.0299165	.26
41	.0311348	.0556274	0.56	0.576	-.0779141	.14
42	.3657248	.0622965	5.87	0.000	.243602	.48
43	.2826855	.0628329	4.50	0.000	.1595113	.40
44	.3450924	.0598309	5.77	0.000	.2278031	.46
45	-.078557	.0492688	-1.59	0.111	-.1751409	.0
46	.3151701	.0581523	5.42	0.000	.2011713	.42
47	.37883	.0602062	6.29	0.000	.260805	.4
48	-.0247537	.049586	-0.50	0.618	-.1219596	.07
49	.2640957	.0614066	4.30	0.000	.1437174	.3
50	0	(omitted)				
_cons	.172777	.0523593	3.30	0.001	.0701346	.27

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54 .
55 . ********************************************************************************
56 . ********************************************************************************
57 . *appendix
58 . *************************with kimberly and robert aliases (appendix a)
59 . *appendix a, columns 1 and 2
60 . reg reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minority
note: 50.state2 omitted because of collinearity

Linear regression                               Number of obs     =      6,268
                                                F(61, 6206)       =      15.92
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1128
                                                Root MSE          =     .46969
```

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0405329	.0142978	2.83	0.005	.0125043	.0685615
nl_totalbills	.0423038	.0095587	4.43	0.000	.0235655	.0610421
rep	.0233749	.0161557	1.45	0.148	-.0082959	.0550458
chamber2	.051447	.0183032	2.81	0.005	.0155663	.0873277
pleader	.0868813	.0422942	2.05	0.040	.0039701	.1697925
commchair2	-.01075	.0147817	-0.73	0.467	-.0397272	.0182271
yrserved2	-.0076952	.0017044	-4.51	0.000	-.0110364	-.0043541
minority	-.037488	.0151359	-2.48	0.013	-.0671597	-.0078163
votepct3	-.0026745	.0031087	-0.86	0.390	-.0087686	.0034197
reelection	-.0494593	.0662748	-0.75	0.456	-.1793808	.0804622

mrp_mean	.0694035	.0258545	2.68	0.007	.0187198	.1200873
totpop2	-.0233217	.0116852	-2.00	0.046	-.0462287	-.0004147
incomex2	.0040913	.0039893	1.03	0.305	-.0037292	.0119118
kimberly	-.0627563	.0197335	-3.18	0.001	-.1014407	-.0240718
state2						
2	.3543935	.0766627	4.62	0.000	.204108	.5046789
3	.0940486	.0799789	1.18	0.240	-.0627377	.2508349
4	.1594668	.0678239	2.35	0.019	.0265084	.2924251
5	.1661917	.1039674	1.60	0.110	-.0376204	.3700038
6	.0416721	.0727382	0.57	0.567	-.1009199	.1842642
7	.1414255	.0667969	2.12	0.034	.0104806	.2723705
8	.3746707	.0768618	4.87	0.000	.223995	.5253464
9	.3688696	.0682891	5.40	0.000	.2349994	.5027399
10	.1424564	.0630571	2.26	0.024	.0188426	.2660702
11	.154265	.0826105	1.87	0.062	-.0076803	.3162103
12	.5157025	.1021353	5.05	0.000	.3154819	.7159232
13	.1555553	.0712123	2.18	0.029	.0159546	.295156
14	-.2062442	.0607577	-3.39	0.001	-.3253503	-.0871381
15	.1865992	.0657019	2.84	0.005	.0578008	.3153976
16	.0884979	.0649519	1.36	0.173	-.0388303	.2158261
17	.0126429	.0685072	0.18	0.854	-.121655	.1469407
18	.174042	.061134	2.85	0.004	.0541981	.2938858
19	.0712207	.0667881	1.07	0.286	-.0597071	.2021485
20	.3978344	.060272	6.60	0.000	.2796804	.5159885
21	.3235522	.0669495	4.83	0.000	.1923081	.4547964
22	.3589079	.0682771	5.26	0.000	.2250612	.4927547
23	.034816	.0671685	0.52	0.604	-.0968576	.1664895
24	-.1053078	.057266	-1.84	0.066	-.2175689	.0069533
25	.4544606	.0615518	7.38	0.000	.3337977	.5751235
26	.2238129	.0706733	3.17	0.002	.0852687	.3623571
27	.3721951	.0845844	4.40	0.000	.2063804	.5380097
28	.1007211	.0911296	1.11	0.269	-.0779246	.2793667
29	.088804	.0623255	1.42	0.154	-.0333756	.2109835
30	.2182744	.0731345	2.98	0.003	.0749056	.3616433
31	.2350293	.071805	3.27	0.001	.0942667	.3757919
32	.1914282	.0724339	2.64	0.008	.0494326	.3334237
33	.3007828	.0667353	4.51	0.000	.1699586	.4316071
34	.1472978	.0675138	2.18	0.029	.0149473	.2796482
35	.2033844	.0865715	2.35	0.019	.0336744	.3730944
36	.2095891	.0671146	3.12	0.002	.0780212	.341157
37	.4685094	.0703197	6.66	0.000	.3306584	.6063605
38	.2776691	.0667823	4.16	0.000	.1467526	.4085856
39	.2489563	.0709792	3.51	0.000	.1098125	.3881002
41	.1400087	.0741477	1.89	0.059	-.0053465	.2853639
42	.3165248	.0691281	4.58	0.000	.1810098	.4520397
43	.1211274	.0737542	1.64	0.101	-.0234564	.2657112
44	.3296728	.0684371	4.82	0.000	.1955125	.4638331
45	.0542073	.0712518	0.76	0.447	-.0854708	.1938855

46	.3745914	.0583666	6.42	0.000	.2601727	.4890102
47	.2781137	.06979	3.99	0.000	.141301	.4149263
48	-.0478202	.070216	-0.68	0.496	-.1854678	.0898273
49	.2885663	.0697731	4.14	0.000	.1517868	.4253457
50	0	(omitted)				
_cons	.2929229	.0575935	5.09	0.000	.1800198	.405826

```
61 . reg replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
   note: 50.state2 omitted because of collinearity
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Linear regression

Number of obs	=	6,268
F(61, 6206)	=	22.54
Prob > F	=	0.0000
R-squared	=	0.1473
Root MSE	=	.44577

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0541844	.0138178	3.92	0.000	.0270968	.0812721
nl_totalbills	.0287344	.0090408	3.18	0.001	.0110114	.0464575
rep	-.0246467	.0149424	-1.65	0.099	-.0539389	.0046455
chamber2	.0313192	.0170191	1.84	0.066	-.0020441	.0646825
pleader	.0857199	.0440588	1.95	0.052	-.0006505	.1720904
commchair2	-.018359	.0139076	-1.32	0.187	-.0456228	.0089048
yrserved2	-.0080838	.0015509	-5.21	0.000	-.0111241	-.0050436
minority	-.0383479	.0141935	-2.70	0.007	-.066172	-.0105237
votepct3	-.0048236	.0029002	-1.66	0.096	-.0105091	.0008618
reelection	-.1424667	.0498051	-2.86	0.004	-.240102	-.0448313
mrp_mean	-.0094468	.0242225	-0.39	0.697	-.0569312	.0380376
totpop2	-.0098407	.011359	-0.87	0.386	-.0321082	.0124269
incomex2	.0174273	.003921	4.44	0.000	.0097409	.0251138
kimberly	-.0164763	.0186908	-0.88	0.378	-.0531167	.0201641
state2						
2	.4732068	.0732394	6.46	0.000	.3296322	.6167815
3	.2631559	.069957	3.76	0.000	.1260158	.4002959
4	.0938318	.0511464	1.83	0.067	-.0064328	.1940964
5	.2465577	.0954909	2.58	0.010	.0593625	.433753
6	.2171503	.061362	3.54	0.000	.0968594	.3374412
7	.141356	.0527034	2.68	0.007	.0380391	.244673
8	.454503	.0744518	6.10	0.000	.3085516	.6004543
9	.4738469	.0588546	8.05	0.000	.3584715	.5892223
10	.2122372	.0496354	4.28	0.000	.1149346	.3095398
11	.3133485	.0734685	4.27	0.000	.1693247	.4573722
12	.3110624	.1100041	2.83	0.005	.0954163	.5267086

13	.2074744	.0589519	3.52	0.000	.0919082	.3230405
14	.03809	.047108	0.81	0.419	-.0542579	.1304379
15	.1106304	.0493108	2.24	0.025	.0139642	.2072967
16	.0691822	.0465702	1.49	0.137	-.0221115	.1604759
17	.0605987	.050646	1.20	0.232	-.038685	.1598824
18	.1630867	.0571083	2.86	0.004	.0511346	.2750389
19	-.070156	.0451222	-1.55	0.120	-.158611	.0182991
20	.3361638	.0584691	5.75	0.000	.2215441	.4507835
21	.2513037	.0567572	4.43	0.000	.1400399	.3625675
22	.4110863	.0601433	6.84	0.000	.2931846	.528988
23	.0383492	.0510681	0.75	0.453	-.061762	.1384604
24	-.1352806	.0442289	-3.06	0.002	-.2219846	-.0485767
25	.4259935	.0531446	8.02	0.000	.3218118	.5301753
26	.2118694	.0563171	3.76	0.000	.1014683	.3222705
27	.307525	.0835559	3.68	0.000	.1437264	.4713235
28	.1883911	.0810149	2.33	0.020	.0295737	.3472084
29	-.0370032	.0436558	-0.85	0.397	-.1225838	.0485774
30	.1702765	.0697296	2.44	0.015	.0335823	.3069707
31	.2365598	.0586363	4.03	0.000	.1216122	.3515073
32	.2342297	.0613444	3.82	0.000	.1139734	.3544861
33	.3321895	.0561925	5.91	0.000	.2220328	.4423462
34	-.0129812	.0437531	-0.30	0.767	-.0987525	.0727901
35	.3067488	.0771417	3.98	0.000	.1555244	.4579733
36	.2346829	.0556862	4.21	0.000	.1255187	.3438471
37	.5210686	.0644258	8.09	0.000	.3947718	.6473654
38	.3876928	.0558571	6.94	0.000	.2781935	.4971921
39	.1452439	.0593443	2.45	0.014	.0289085	.2615793
41	.0344617	.0556762	0.62	0.536	-.074683	.1436064
42	.3663398	.0622219	5.89	0.000	.2443634	.4883163
43	.2841893	.0629318	4.52	0.000	.1608211	.4075575
44	.3471272	.0598059	5.80	0.000	.229887	.4643674
45	-.0773953	.0492556	-1.57	0.116	-.1739534	.0191627
46	.316366	.0580631	5.45	0.000	.2025422	.4301898
47	.3809214	.0602037	6.33	0.000	.2629013	.4989416
48	-.0235899	.0494525	-0.48	0.633	-.120534	.0733541
49	.2647032	.061396	4.31	0.000	.1443458	.3850606
50	0	(omitted)				
_cons	.1726336	.0513501	3.36	0.001	.0719697	.2732976

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62 .
63 . *appendix a, columns 3 and 4
64 . reg reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minority
   note: 50.state2 omitted because of collinearity

   Linear regression                               Number of obs     =      6,268
                                                   F(61, 6206)       =      15.67
                                                   Prob > F          =     0.0000
```

R-squared	=	0.1116			
Root MSE	=	.47001			

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0404577	.0143065	2.83	0.005	.012412	.0685035
nl_totalbills	.0423731	.0095742	4.43	0.000	.0236043	.0611419
rep	.0242684	.016157	1.50	0.133	-.0074049	.0559416
chamber2	.0521331	.0183161	2.85	0.004	.0162272	.0880389
pleader	.0868753	.0424755	2.05	0.041	.0036085	.170142
commchair2	-.0096888	.0147986	-0.65	0.513	-.0386992	.0193216
yrserved2	-.0077003	.0017047	-4.52	0.000	-.0110421	-.0043585
minority	-.0378036	.0151415	-2.50	0.013	-.0674862	-.0081209
votepct3	-.0026836	.0031121	-0.86	0.389	-.0087845	.0034172
reelection	-.0477149	.0664346	-0.72	0.473	-.1779497	.08252
mrp_mean	.0695833	.0258877	2.69	0.007	.0188346	.1203321
totpop2	-.0236812	.0117141	-2.02	0.043	-.0466448	-.0007176
incomex2	.0038463	.003993	0.96	0.335	-.0039814	.0116741
michael	.0248651	.0200579	1.24	0.215	-.0144555	.0641856
state2						
2	.357352	.0769603	4.64	0.000	.2064832	.5082208
3	.0963288	.0800249	1.20	0.229	-.0605477	.2532054
4	.1617268	.0678478	2.38	0.017	.0287216	.2947321
5	.1683296	.1041676	1.62	0.106	-.035875	.3725342
6	.04373	.0728334	0.60	0.548	-.0990487	.1865088
7	.1448072	.0669381	2.16	0.031	.0135853	.2760291
8	.3723117	.076831	4.85	0.000	.2216963	.5229271
9	.3694339	.0684186	5.40	0.000	.2353097	.5035581
10	.140913	.0631233	2.23	0.026	.0171695	.2646564
11	.1592158	.0824159	1.93	0.053	-.002348	.3207795
12	.5154232	.1015522	5.08	0.000	.3163456	.7145007
13	.1561748	.0713214	2.19	0.029	.0163601	.2959896
14	-.2030014	.060904	-3.33	0.001	-.3223943	-.0836084
15	.1897629	.0657783	2.88	0.004	.0608146	.3187111
16	.0906086	.0649836	1.39	0.163	-.0367818	.217999
17	.0148526	.0685131	0.22	0.828	-.1194569	.1491621
18	.1755566	.0612132	2.87	0.004	.0555575	.2955557
19	.0718775	.0668726	1.07	0.282	-.059216	.202971
20	.3994705	.0603506	6.62	0.000	.2811625	.5177785
21	.3242262	.0669547	4.84	0.000	.1929718	.4554806
22	.3574508	.0682735	5.24	0.000	.223611	.4912905
23	.035529	.0673523	0.53	0.598	-.0965048	.1675628
24	-.103299	.0572862	-1.80	0.071	-.2155998	.0090019
25	.455796	.0616583	7.39	0.000	.3349245	.5766676
26	.2221024	.0707652	3.14	0.002	.0833781	.3608267
27	.37181	.0845157	4.40	0.000	.20613	.53749

28	.1010719	.0911512	1.11	0.268	-.0776161	.2797598
29	.090433	.0624111	1.45	0.147	-.0319143	.2127804
30	.2211661	.07323	3.02	0.003	.07761	.3647222
31	.2377466	.0717422	3.31	0.001	.0971071	.3783861
32	.1912646	.0725238	2.64	0.008	.0490928	.3334364
33	.3005771	.0668814	4.49	0.000	.1694664	.4316878
34	.14743	.0675477	2.18	0.029	.0150131	.279847
35	.2067804	.0867095	2.38	0.017	.0367996	.3767611
36	.2100704	.0673223	3.12	0.002	.0780954	.3420455
37	.4660808	.0700868	6.65	0.000	.3286865	.6034751
38	.2802161	.0668885	4.19	0.000	.1490915	.4113408
39	.2519727	.0710231	3.55	0.000	.1127429	.3912025
41	.1384588	.0741405	1.87	0.062	-.0068823	.2837999
42	.3163704	.0692653	4.57	0.000	.1805863	.4521545
43	.1213769	.0737847	1.65	0.100	-.0232666	.2660205
44	.3317744	.0686324	4.83	0.000	.1972311	.4663177
45	.0531839	.0713804	0.75	0.456	-.0867464	.1931142
46	.3762245	.0585498	6.43	0.000	.2614466	.4910025
47	.2786413	.0698068	3.99	0.000	.1417958	.4154867
48	-.0473796	.0702116	-0.67	0.500	-.1850186	.0902594
49	.2902344	.06985	4.16	0.000	.1533042	.4271646
50	0	(omitted)				
_cons	.2819905	.0576902	4.89	0.000	.1688976	.3950833

```
65 . reg replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
   note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	6,268
F(61, 6206)	=	22.60
Prob > F	=	0.0000
R-squared	=	0.1477
Root MSE	=	.44567

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0540215	.013813	3.91	0.000	.0269433	.0810997
nl_totalbills	.0287078	.0090425	3.17	0.002	.0109814	.0464342
rep	-.0245055	.0149334	-1.64	0.101	-.05378	.0047691
chamber2	.0314394	.0170244	1.85	0.065	-.0019343	.0648132
pleader	.086039	.0439706	1.96	0.050	-.0001586	.1722366
commchair2	-.0179972	.0139098	-1.29	0.196	-.0452653	.0092709
yrserved2	-.0080743	.0015503	-5.21	0.000	-.0111134	-.0050353
minority	-.0386986	.0141921	-2.73	0.006	-.06652	-.0108772
votepct3	-.0049246	.0028976	-1.70	0.089	-.010605	.0007557
reelection	-.1433908	.049827	-2.88	0.004	-.241069	-.0457126

mrp_mean	-.0093253	.0242106	-0.39	0.700	-.0567865	.0381359
totpop2	-.0099105	.0113711	-0.87	0.383	-.0322018	.0123808
incomex2	.0173769	.0039183	4.43	0.000	.0096956	.0250581
michael	.0355084	.0192883	1.84	0.066	-.0023033	.0733201
state2						
2	.4740661	.0731625	6.48	0.000	.3306423	.6174899
3	.2649095	.0700223	3.78	0.000	.1276416	.4021774
4	.096646	.0511523	1.89	0.059	-.0036302	.1969223
5	.2490016	.0955249	2.61	0.009	.0617397	.4362634
6	.2188484	.0614595	3.56	0.000	.0983665	.3393304
7	.1431013	.0526924	2.72	0.007	.039806	.2463967
8	.4540724	.0747224	6.08	0.000	.3075907	.6005542
9	.4750568	.0587581	8.08	0.000	.3598707	.590243
10	.2135263	.0495158	4.31	0.000	.1164582	.3105944
11	.3170809	.073484	4.31	0.000	.1730269	.461135
12	.3124158	.110005	2.84	0.005	.0967679	.5280636
13	.2084921	.0589323	3.54	0.000	.0929643	.3240199
14	.0416064	.0471364	0.88	0.377	-.0507972	.13401
15	.1126576	.0492578	2.29	0.022	.0160954	.2092199
16	.0711444	.0464277	1.53	0.125	-.0198699	.1621587
17	.0624935	.0506464	1.23	0.217	-.0367911	.161778
18	.1634694	.0571882	2.86	0.004	.0513607	.275578
19	-.0692327	.045026	-1.54	0.124	-.1574993	.0190339
20	.3351546	.0584588	5.73	0.000	.2205551	.449754
21	.2505039	.0566704	4.42	0.000	.1394104	.3615975
22	.4121183	.0601018	6.86	0.000	.2942978	.5299387
23	.0397228	.0510696	0.78	0.437	-.0603912	.1398368
24	-.1349042	.0443264	-3.04	0.002	-.2217994	-.0480091
25	.4279311	.0531536	8.05	0.000	.3237316	.5321306
26	.2107755	.0561101	3.76	0.000	.1007802	.3207708
27	.3102657	.0836453	3.71	0.000	.1462918	.4742395
28	.1880021	.0811802	2.32	0.021	.0288608	.3471434
29	-.0358464	.0436169	-0.82	0.411	-.1213507	.0496578
30	.1709011	.0697295	2.45	0.014	.0342071	.307595
31	.2388905	.0584807	4.08	0.000	.1242481	.353533
32	.2356375	.0613688	3.84	0.000	.1153335	.3559415
33	.3329328	.0561485	5.93	0.000	.2228623	.4430033
34	-.0124029	.0437049	-0.28	0.777	-.0980796	.0732739
35	.308787	.0771604	4.00	0.000	.1575259	.460048
36	.2367251	.0556646	4.25	0.000	.1276032	.345847
37	.5205019	.0644221	8.08	0.000	.3942123	.6467916
38	.389928	.0559145	6.97	0.000	.2803162	.4995398
39	.1480693	.0593244	2.50	0.013	.0317729	.2643657
41	.0353906	.0555148	0.64	0.524	-.0734376	.1442188
42	.3676887	.0621763	5.91	0.000	.2458017	.4895757
43	.2852625	.06287	4.54	0.000	.1620156	.4085095
44	.3496254	.0597599	5.85	0.000	.2324753	.4667756
45	-.076225	.0491247	-1.55	0.121	-.1725264	.0200763

46	.3161891	.0580658	5.45	0.000	.20236	.4300182
47	.381462	.0602026	6.34	0.000	.2634441	.4994798
48	-.023376	.0494302	-0.47	0.636	-.1202763	.0735243
49	.2664201	.0612851	4.35	0.000	.14628	.3865602
50	0	(omitted)				
_cons	.1680177	.05141	3.27	0.001	.0672364	.2687991

```
66 .
67 . ************************helpful reply only among legislators who reply (appendix c)
68 . reg replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
   note: 50.state2 omitted because of collinearity
```

Linear regression

Number of obs	=	3,521
F(60, 3460)	=	16.98
Prob > F	=	0.0000
R-squared	=	0.1851
Root MSE	=	.43668

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0536826	.0168104	3.19	0.001	.0207233	.0866418
nl_totalbills	.0123704	.0126139	0.98	0.327	-.0123611	.0371019
rep	-.0733881	.0199897	-3.67	0.000	-.1125808	-.0341954
chamber2	.0070966	.0216777	0.33	0.743	-.0354058	.049599
pleader	.0579429	.0543936	1.07	0.287	-.0487039	.1645897
commchair2	-.0229801	.0183133	-1.25	0.210	-.0588862	.0129259
yrserved2	-.0065853	.002282	-2.89	0.004	-.0110594	-.0021112
minority	-.0302001	.0187423	-1.61	0.107	-.0669473	.0065471
votepct3	-.0019737	.0039352	-0.50	0.616	-.0096891	.0057418
reelection	-.2809234	.1111861	-2.53	0.012	-.4989205	-.0629264
mrp_mean	-.0953697	.0311465	-3.06	0.002	-.1564369	-.0343024
totpop2	.0117381	.0120583	0.97	0.330	-.0119041	.0353802
incomex2	.0235116	.0048585	4.84	0.000	.0139859	.0330374
state2						
2	.482685	.0997294	4.84	0.000	.2871506	.6782194
3	.5001796	.1009888	4.95	0.000	.302176	.6981833
4	.0910161	.100892	0.90	0.367	-.1067977	.2888299
5	.3746551	.1264563	2.96	0.003	.1267186	.6225916
6	.5360159	.0922457	5.81	0.000	.3551544	.7168774
7	.239666	.1053833	2.27	0.023	.0330462	.4462857
8	.4151282	.1043958	3.98	0.000	.2104446	.6198119
9	.4890024	.0929697	5.26	0.000	.3067213	.6712835
10	.3282665	.0946933	3.47	0.001	.142606	.5139269
11	.4578151	.0984985	4.65	0.000	.2646941	.6509362

12	.1598753	.1458391	1.10	0.273	-.1260641	.4458146
13	.2897233	.1005315	2.88	0.004	.0926162	.4868305
14	.5830726	.1044311	5.58	0.000	.3783197	.7878254
15	.0856818	.0984181	0.87	0.384	-.1072818	.2786453
16	.0999243	.1001639	1.00	0.319	-.096462	.2963106
17	.1325914	.1111223	1.19	0.233	-.0852805	.3504634
18	.1079751	.0931651	1.16	0.247	-.0746891	.2906393
19	-.1670114	.0970436	-1.72	0.085	-.3572799	.0232571
20	.0892019	.0909423	0.98	0.327	-.089104	.2675078
21	.1724396	.0977712	1.76	0.078	-.0192556	.3641347
22	.3738829	.0977024	3.83	0.000	.1823226	.5654432
23	.1089653	.1042962	1.04	0.296	-.095523	.3134536
24	-.2623463	.1045966	-2.51	0.012	-.4674236	-.0572689
25	.3527073	.0922827	3.82	0.000	.1717732	.5336414
26	.2245778	.1044479	2.15	0.032	.019792	.4293636
27	.2370692	.1181673	2.01	0.045	.0053844	.468754
28	.3482659	.1262334	2.76	0.006	.1007664	.5957654
29	-.1327207	.0960229	-1.38	0.167	-.3209881	.0555466
30	.059116	.102165	0.58	0.563	-.1411937	.2594257
31	.2702519	.1071204	2.52	0.012	.0602262	.4802775
32	.2858451	.1025564	2.79	0.005	.0847679	.4869222
33	.3406965	.0961781	3.54	0.000	.1521248	.5292681
34	-.1108089	.0945971	-1.17	0.242	-.2962806	.0746629
35	.4271967	.1118033	3.82	0.000	.2079896	.6464037
36	.2900807	.0985401	2.94	0.003	.096878	.4832833
37	.441845	.0961818	4.59	0.000	.2532663	.6304237
38	.4178404	.0955615	4.37	0.000	.2304777	.6052031
39	.0845245	.104928	0.81	0.421	-.1212026	.2902516
41	.0288687	.104963	0.28	0.783	-.176927	.2346643
42	.3710309	.1003798	3.70	0.000	.1742213	.5678405
43	.4848217	.1010232	4.80	0.000	.2867505	.6828929
44	.3633185	.0992722	3.66	0.000	.1686805	.5579565
45	-.1776935	.1052589	-1.69	0.091	-.3840694	.0286824
46	.0985979	.089702	1.10	0.272	-.0772763	.274472
47	.4298091	.0957306	4.49	0.000	.2421149	.6175033
48	-.0077589	.1136673	-0.07	0.946	-.2306208	.2151029
49	.2442585	.1013461	2.41	0.016	.0455543	.4429627
50	0	(omitted)				
_cons	.5446919	.0911613	5.98	0.000	.3659565	.7234273

```
69 . reg replyleg2info gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 mi
   note: 50.state2 omitted because of collinearity

   Linear regression                               Number of obs     =      2,062
                                                   F(60, 2001)       =      10.53
                                                   Prob > F          =     0.0000
                                                   R-squared         =     0.1779
```

Root MSE = .45999

replyleg2info	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0432208	.0243941	1.77	0.077	-.0046197	.0910613
nl_totalbills	.0084877	.0167465	0.51	0.612	-.0243548	.0413301
rep	-.1178354	.0276966	-4.25	0.000	-.1721527	-.0635182
chamber2	-.0476054	.0346498	-1.37	0.170	-.1155589	.0203481
pleader	.1237017	.0722432	1.71	0.087	-.0179781	.2653816
commchair2	-.0328908	.0255276	-1.29	0.198	-.0829544	.0171727
yrserved2	-.0103462	.0032532	-3.18	0.001	-.0167262	-.0039662
minority	-.0430112	.0270722	-1.59	0.112	-.0961039	.0100816
votepct3	-.0036937	.0052685	-0.70	0.483	-.0140261	.0066386
reelection	-.2040556	.1188047	-1.72	0.086	-.4370495	.0289383
mrp_mean	-.107629	.0441115	-2.44	0.015	-.1941382	-.0211198
totpop2	.0247365	.0379375	0.65	0.514	-.0496645	.0991376
incomex2	.0229852	.0074676	3.08	0.002	.0083402	.0376302
state2						
2	.4530517	.1172326	3.86	0.000	.2231409	.6829625
3	.3701073	.1427724	2.59	0.010	.0901092	.6501053
4	.0339181	.102828	0.33	0.742	-.1677431	.2355793
5	.1696656	.2755238	0.62	0.538	-.370678	.7100092
6	.4612559	.1095088	4.21	0.000	.2464926	.6760191
7	.065475	.1194859	0.55	0.584	-.1688548	.2998049
8	.3256649	.1269563	2.57	0.010	.0766846	.5746453
9	.311944	.1456409	2.14	0.032	.0263203	.5975678
10	.2424337	.1032692	2.35	0.019	.0399072	.4449602
11	.4445018	.1144518	3.88	0.000	.2200445	.6689591
12	.1216391	.1493726	0.81	0.416	-.171303	.4145813
13	.1923259	.129258	1.49	0.137	-.0611685	.4458204
14	.4801217	.1667868	2.88	0.004	.1530278	.8072156
15	.0577462	.0991926	0.58	0.561	-.1367854	.2522778
16	.0786516	.1001293	0.79	0.432	-.1177169	.2750202
17	.0873205	.1189307	0.73	0.463	-.1459205	.3205614
18	.2747688	.1285088	2.14	0.033	.0227438	.5267938
19	-.200942	.0975855	-2.06	0.040	-.3923218	-.0095622
20	.0403742	.1300973	0.31	0.756	-.2147661	.2955145
21	.0523268	.1110263	0.47	0.637	-.1654124	.2700659
22	.4281471	.1184731	3.61	0.000	.1958036	.6604907
23	.0730894	.1090995	0.67	0.503	-.1408711	.2870498
24	-.1849576	.1131552	-1.63	0.102	-.406872	.0369568
25	.1775467	.1050102	1.69	0.091	-.0283941	.3834875
26	.2065144	.1052512	1.96	0.050	.0001009	.4129279
27	.1978804	.1259532	1.57	0.116	-.0491327	.4448936
28	.2997782	.1376278	2.18	0.030	.0298694	.569687
29	-.1924523	.097367	-1.98	0.048	-.3834036	-.001501

30	-.0805787	.1956377	-0.41	0.680	-.4642537	.3030962
31	.2080871	.1099961	1.89	0.059	-.0076317	.4238059
32	.3434926	.1295654	2.65	0.008	.0893954	.5975899
33	.0608595	.128707	0.47	0.636	-.1915542	.3132732
34	-.1032968	.0943875	-1.09	0.274	-.288405	.0818113
35	.3419275	.1608165	2.13	0.034	.0265421	.6573129
36	.1099115	.1096065	1.00	0.316	-.1050434	.3248664
37	.2200393	.1305991	1.68	0.092	-.0360851	.4761637
38	.373153	.1136897	3.28	0.001	.1501903	.5961156
39	-.0019256	.1114819	-0.02	0.986	-.2205584	.2167072
41	.0338927	.1067249	0.32	0.751	-.1754108	.2431962
42	.269079	.1201043	2.24	0.025	.0335365	.5046216
43	.386337	.1359684	2.84	0.005	.1196825	.6529915
44	.3323571	.1016712	3.27	0.001	.1329646	.5317495
45	-.2056377	.1085544	-1.89	0.058	-.4185292	.0072538
46	.0936099	.1246366	0.75	0.453	-.1508212	.3380409
47	.2665554	.1246416	2.14	0.033	.0221145	.5109962
48	-.0363339	.11777	-0.31	0.758	-.2672985	.1946307
49	.2110588	.1276567	1.65	0.098	-.0392951	.4614127
50	0	(omitted)				
_cons	.5673171	.1099099	5.16	0.000	.3517672	.7828669

```
70 .
71 . *************************totalbills (appendix d)
72 . reg nl_totalbills gender2 i.state2, robust
```

Linear regression

Number of obs	=	6,663
F(49, 6613)	=	540.27
Prob > F	=	0.0000
R-squared	=	0.7963
Root MSE	=	.63355

nl_totalbi~s	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0795851	.0181915	4.37	0.000	.0439238	.1152464
state2						
2	1.420555	.0877635	16.19	0.000	1.24851	1.592599
3	2.185882	.0827032	26.43	0.000	2.023757	2.348007
4	1.489777	.07341	20.29	0.000	1.34587	1.633684
5	3.290385	.0793401	41.47	0.000	3.134853	3.445917
6	.3625362	.0855292	4.24	0.000	.1948714	.5302011
7	-1.397953	.0959019	-14.58	0.000	-1.585952	-1.209955
8	2.807771	.0904168	31.05	0.000	2.630525	2.985017
9	1.025298	.0834909	12.28	0.000	.8616284	1.188967

10	1.946055	.0732993	26.55	0.000	1.802365	2.089745
11	3.51948	.0833876	42.21	0.000	3.356013	3.682946
12	-1.393644	.1209879	-11.52	0.000	-1.630819	-1.156469
13	3.059836	.0751762	40.70	0.000	2.912467	3.207206
14	1.426243	.0757755	18.82	0.000	1.277698	1.574787
15	1.289039	.0863506	14.93	0.000	1.119764	1.458314
16	.653221	.0689924	9.47	0.000	.5179736	.7884685
17	1.886827	.0679249	27.78	0.000	1.753673	2.019982
18	1.922914	.0691164	27.82	0.000	1.787424	2.058405
19	1.874188	.0749421	25.01	0.000	1.727278	2.021099
20	2.288797	.0700169	32.69	0.000	2.151541	2.426052
21	2.830136	.0857172	33.02	0.000	2.662102	2.998169
22	3.010121	.0871606	34.54	0.000	2.839258	3.180984
23	2.521524	.0806615	31.26	0.000	2.363402	2.679647
24	1.595929	.0806458	19.79	0.000	1.437837	1.754021
25	.1672928	.090579	1.85	0.065	-.0102712	.3448568
26	-.2213412	.0863104	-2.56	0.010	-.3905375	-.052145
27	1.23016	.098556	12.48	0.000	1.036958	1.423362
28	1.849138	.0788964	23.44	0.000	1.694476	2.0038
29	-.2228649	.083578	-2.67	0.008	-.3867047	-.0590251
30	2.926004	.0837248	34.95	0.000	2.761876	3.090131
31	-.0297294	.0955358	-0.31	0.756	-.2170104	.1575516
32	3.601343	.085421	42.16	0.000	3.43389	3.768796
33	2.048988	.0904573	22.65	0.000	1.871662	2.226313
34	.9181413	.0854477	10.75	0.000	.7506362	1.085646
35	1.562397	.0864259	18.08	0.000	1.392974	1.731819
36	2.346474	.0751975	31.20	0.000	2.199062	2.493885
37	.6389756	.0856593	7.46	0.000	.4710557	.8068955
38	3.535387	.0867995	40.73	0.000	3.365232	3.705541
39	2.06405	.078782	26.20	0.000	1.909612	2.218488
41	1.917076	.0718114	26.70	0.000	1.776302	2.057849
42	3.246987	.0674324	48.15	0.000	3.114797	3.379176
43	2.545111	.0735423	34.61	0.000	2.400944	2.689277
44	.2407789	.0916952	2.63	0.009	.0610266	.4205311
45	2.343971	.0681535	34.39	0.000	2.210368	2.477573
46	2.079645	.0693455	29.99	0.000	1.943705	2.215584
47	2.839601	.0795332	35.70	0.000	2.68369	2.995512
48	2.18541	.085551	25.55	0.000	2.017703	2.353118
49	3.242451	.0820026	39.54	0.000	3.081699	3.403203
50	.553334	.0842785	6.57	0.000	.388121	.7185469
_cons	2.223131	.0640585	34.70	0.000	2.097555	2.348706

```
73 . reg nl_totalbills gender2 rep chamber2 pleader commchair2 yrserved2 minority votepct
   note: 50.state2 omitted because of collinearity

   Linear regression                               Number of obs     =      6,268
                                                   F(59, 6208)       =     477.95
```

Prob > F	= 0.0000
R-squared	= 0.8041
Root MSE	= .61408

nl_totalbi~s	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0649629	.0185956	3.49	0.000	.0285091	.1014168
rep	-.0705745	.0210793	-3.35	0.001	-.1118972	-.0292517
chamber2	.2612854	.0228579	11.43	0.000	.2164761	.3060947
pleader	-.1105055	.0920958	-1.20	0.230	-.2910451	.0700341
commchair2	.1228002	.0191097	6.43	0.000	.0853386	.1602618
yrserved2	-.0001451	.002589	-0.06	0.955	-.0052205	.0049302
minority	.032085	.0191414	1.68	0.094	-.0054389	.0696088
votepct3	.0069733	.0041328	1.69	0.092	-.0011284	.015075
reelection	.5366984	.0840677	6.38	0.000	.3718965	.7015003
mrp_mean	-.1206636	.0341991	-3.53	0.000	-.1877057	-.0536216
totpop2	-.0664823	.0147005	-4.52	0.000	-.0953003	-.0376642
incomex2	.0180752	.005568	3.25	0.001	.0071601	.0289903
state2						
2	.7859677	.0832814	9.44	0.000	.6227074	.9492281
3	1.709301	.0837262	20.42	0.000	1.545169	1.873434
4	.9489579	.065534	14.48	0.000	.8204885	1.077427
5	2.957109	.1067713	27.70	0.000	2.747801	3.166418
6	-.2022814	.0767101	-2.64	0.008	-.3526598	-.051903
7	-2.064899	.0911848	-22.65	0.000	-2.243653	-1.886145
8	2.098967	.0852408	24.62	0.000	1.931865	2.266068
9	.5671404	.0859352	6.60	0.000	.3986778	.7356031
10	1.384355	.0648804	21.34	0.000	1.257167	1.511543
11	2.77645	.0755555	36.75	0.000	2.628335	2.924564
12	-1.96276	.1274597	-15.40	0.000	-2.212625	-1.712895
13	2.453514	.0722342	33.97	0.000	2.31191	2.595118
14	.8744664	.0651863	13.41	0.000	.7466787	1.002254
15	.6723088	.0815787	8.24	0.000	.5123863	.8322313
16	.0863376	.0587041	1.47	0.141	-.0287428	.201418
17	1.303872	.0620766	21.00	0.000	1.18218	1.425564
18	1.901353	.0680391	27.95	0.000	1.767972	2.034733
19	1.289096	.0662993	19.44	0.000	1.159126	1.419066
20	2.219314	.0761359	29.15	0.000	2.070061	2.368567
21	2.176358	.0818316	26.60	0.000	2.01594	2.336777
22	2.463533	.082679	29.80	0.000	2.301454	2.625613
23	1.903946	.0760751	25.03	0.000	1.754813	2.05308
24	1.523089	.0792349	19.22	0.000	1.367761	1.678417
25	-.3993016	.0832914	-4.79	0.000	-.5625815	-.2360217
26	-.8258513	.0775375	-10.65	0.000	-.9778516	-.673851
27	.4755132	.0887349	5.36	0.000	.3015621	.6494643
28	1.297304	.072574	17.88	0.000	1.155034	1.439574

29	-.7439938	.094682	-7.86	0.000	-.9296033	-.5583842
30	2.885775	.0928553	31.08	0.000	2.703747	3.067804
31	-.6587759	.0919217	-7.17	0.000	-.8389742	-.4785777
32	3.016715	.0846031	35.66	0.000	2.850863	3.182566
33	1.481778	.0851181	17.41	0.000	1.314917	1.648639
34	.3362294	.077978	4.31	0.000	.1833656	.4890932
35	1.010355	.0883353	11.44	0.000	.8371872	1.183523
36	1.796401	.0644477	27.87	0.000	1.670061	1.922741
37	-.005241	.0795087	-0.07	0.947	-.1611055	.1506236
38	2.992613	.0815115	36.71	0.000	2.832822	3.152404
39	1.331017	.0704388	18.90	0.000	1.192933	1.469102
41	1.369962	.0666076	20.57	0.000	1.239388	1.500536
42	2.752803	.0602136	45.72	0.000	2.634763	2.870842
43	2.126499	.0752313	28.27	0.000	1.979019	2.273978
44	-.3152779	.0843923	-3.74	0.000	-.4807161	-.1498397
45	1.675484	.068018	24.63	0.000	1.542146	1.808823
46	2.047974	.0699874	29.26	0.000	1.910774	2.185173
47	2.268748	.071256	31.84	0.000	2.129061	2.408434
48	1.659539	.0839132	19.78	0.000	1.49504	1.824038
49	2.651205	.0758216	34.97	0.000	2.502568	2.799842
50	0	(omitted)				
_cons	2.084723	.0778523	26.78	0.000	1.932105	2.23734

```
74 .
75 . ************************multi-level models (appendix f)
76 . mixed reply2 i.gender2 rep chamber2 pleader commchair2 yrserved2 minority votepct3 r

   Performing EM optimization:

   Performing gradient-based optimization:

   Iteration 0:   log likelihood =  -4376.823
   Iteration 1:   log likelihood = -4315.4219
   Iteration 2:   log likelihood = -4312.9998
   Iteration 3:   log likelihood = -4312.9888
   Iteration 4:   log likelihood = -4312.9888

   Computing standard errors:

   Mixed-effects ML regression                     Number of obs     =      6,378
```

Group Variable	No. of Groups	Observations per Group Minimum	Average	Maximum
state2	49	45	130.2	239
districtid	5,899	1	1.1	9

Wald chi2(12) = 75.23
Log likelihood = -4312.9888 Prob > chi2 = 0.0000

reply2	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.0442678	.0141854	3.12	0.002	.0164649	.0720706
rep	.0187067	.0160281	1.17	0.243	-.0127079	.0501213
chamber2	.0646733	.0169608	3.81	0.000	.0314308	.0979158
pleader	.0924981	.0437059	2.12	0.034	.0068362	.17816
commchair2	-.003084	.0145203	-0.21	0.832	-.0315432	.0253753
yrserved2	-.007729	.0016939	-4.56	0.000	-.011049	-.0044089
minority	-.0362375	.0150457	-2.41	0.016	-.0657266	-.0067485
votepct3	-.0016528	.003059	-0.54	0.589	-.0076482	.0043427
reelection	-.025877	.0669044	-0.39	0.699	-.1570072	.1052531
mrp_mean	.0575147	.0251292	2.29	0.022	.0082624	.106767
totpop2	-.0225585	.0098562	-2.29	0.022	-.0418763	-.0032407
incomex2	.0068215	.0039641	1.72	0.085	-.000948	.0145909
_cons	.5936991	.071419	8.31	0.000	.4537205	.7336777

Random-effects Parameters	Estimate	Std. Err.	[95% Conf.	Interval]
state2: Identity				
var(_cons)	.0218039	.0048309	.0141234	.0336612
districtid: Identity				
var(_cons)	.0134614	.0087513	.0037646	.0481347
var(Residual)	.2086199	.009395	.1909953	.2278709

LR test vs. linear model: chi2(2) = 452.71 Prob > chi2 = 0.0000

Note: LR test is conservative and provided only for reference.

77 . mixed replyinfo i.gender2 rep chamber2 pleader commchair2 yrserved2 minority votepct

Performing EM optimization:

Performing gradient-based optimization:

Iteration 0: log likelihood = -4010.733
Iteration 1: log likelihood = -3962.8204
Iteration 2: log likelihood = -3962.3862
Iteration 3: log likelihood = -3962.386

```
Computing standard errors:

Mixed-effects ML regression                     Number of obs     =      6,378
```

Group Variable	No. of Groups	Observations per Group Minimum	Average	Maximum
state2	**49**	**45**	**130.2**	**239**
districtid	**5,899**	**1**	**1.1**	**9**

```
                                                Wald chi2(12)     =      93.14
Log likelihood =  -3962.386                     Prob > chi2       =     0.0000
```

replyinfo	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.0580594	.013394	4.33	0.000	.0318077	.0843111
rep	-.0293554	.0152283	-1.93	0.054	-.0592024	.0004915
chamber2	.0313356	.0162306	1.93	0.054	-.0004758	.0631469
pleader	.0928867	.0412915	2.25	0.024	.0119569	.1738165
commchair2	-.0142802	.0137468	-1.04	0.299	-.0412235	.0126631
yrserved2	-.0082267	.0016022	-5.13	0.000	-.011367	-.0050865
minority	-.0378468	.0142947	-2.65	0.008	-.0658639	-.0098297
votepct3	-.0036002	.0029252	-1.23	0.218	-.0093334	.002133
reelection	-.0623181	.0719972	-0.87	0.387	-.2034299	.0787938
mrp_mean	-.0144718	.0239685	-0.60	0.546	-.0614492	.0325057
totpop2	-.0022763	.0095551	-0.24	0.812	-.0210039	.0164513
incomex2	.0195689	.0037803	5.18	0.000	.0121597	.026978
_cons	.3932136	.0749582	5.25	0.000	.2462983	.5401289

Random-effects Parameters	Estimate	Std. Err.	[95% Conf.	Interval]
state2: Identity				
var(_cons)	.0256833	.005645	.0166941	.039513
districtid: Identity				
var(_cons)	.0275402	.0126388	.011203	.067702
var(Residual)	.1713354	.0126637	.148229	.1980437

```
LR test vs. linear model: chi2(2) = 560.33                Prob > chi2 = 0.0000

Note: LR test is conservative and provided only for reference.

78 .
```

```
79 . mixed reply2 i.gender2 c.nl_totalbills rep chamber2 pleader commchair2 yrserved2 min

   Performing EM optimization:

   Performing gradient-based optimization:

   Iteration 0:   log likelihood = -4280.1336
   Iteration 1:   log likelihood = -4216.0765
   Iteration 2:   log likelihood = -4215.4817
   Iteration 3:   log likelihood = -4215.4777
   Iteration 4:   log likelihood = -4215.4777

   Computing standard errors:

   Mixed-effects ML regression                     Number of obs     =      6,268
```

Group Variable	No. of Groups	Observations per Group Minimum	Average	Maximum
state2	**49**	**23**	**127.9**	**239**
districtid	**5,826**	**1**	**1.1**	**9**

```
                                                Wald chi2(13)     =      99.00
Log likelihood = -4215.4777                     Prob > chi2       =     0.0000
```

reply2	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.0405854	.0142923	2.84	0.005	.012573	.0685977
nl_totalbills	.042367	.0085001	4.98	0.000	.0257071	.0590268
rep	.0227697	.0160476	1.42	0.156	-.0086831	.0542225
chamber2	.0523976	.017115	3.06	0.002	.0188528	.0859424
pleader	.0894663	.0437673	2.04	0.041	.0036839	.1752486
commchair2	-.0101258	.0146507	-0.69	0.489	-.0388407	.0185891
yrserved2	-.0079537	.0016949	-4.69	0.000	-.0112757	-.0046318
minority	-.038665	.0150701	-2.57	0.010	-.0682018	-.0091282
votepct3	-.0025519	.0030633	-0.83	0.405	-.0085559	.003452
reelection	-.0289311	.0639237	-0.45	0.651	-.1542192	.0963571
mrp_mean	.064336	.0251643	2.56	0.011	.0150149	.1136571
totpop2	-.0222016	.0097829	-2.27	0.023	-.0413756	-.0030275
incomex2	.0053974	.0039643	1.36	0.173	-.0023724	.0131673
_cons	.454185	.0759709	5.98	0.000	.3052848	.6030851

Random-effects Parameters	Estimate	Std. Err.	[95% Conf.	Interval]

state2: Identity				
var(_cons)	**.0197102**	**.0044571**	**.0126534**	**.0307026**
districtid: Identity				
var(_cons)	**.0115678**	**.009086**	**.0024812**	**.0539302**
var(Residual)	**.2089785**	**.0097313**	**.19075**	**.2289489**

LR test vs. linear model: chi2(**2**) = **372.74** Prob > chi2 = **0.0000**

Note: LR test is conservative and provided only for reference.

```
80 . mixed replyinfo i.gender2 c.nl_totalbills rep chamber2 pleader commchair2 yrserved2
```

Performing EM optimization:

Performing gradient-based optimization:

Iteration 0: log likelihood = **-3936.734** (not concave)
Iteration 1: log likelihood = **-3890.2826** (not concave)
Iteration 2: log likelihood = **-3889.231**
Iteration 3: log likelihood = **-3888.1814**
Iteration 4: log likelihood = **-3888.1615**
Iteration 5: log likelihood = **-3888.1614**

Computing standard errors:

Mixed-effects ML regression Number of obs = **6,268**

Group Variable	No. of Groups	Observations per Group Minimum	Average	Maximum
state2	**49**	**23**	**127.9**	**239**
districtid	**5,826**	**1**	**1.1**	**9**

Wald chi2(**13**) = **107.12**
Log likelihood = **-3888.1614** Prob > chi2 = **0.0000**

replyinfo	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	**.0544644**	**.013537**	**4.02**	**0.000**	**.0279325**	**.0809964**
nl_totalbills	**.0329673**	**.0082557**	**3.99**	**0.000**	**.0167864**	**.0491482**
rep	**-.0268612**	**.0152847**	**-1.76**	**0.079**	**-.0568187**	**.0030963**
chamber2	**.0230661**	**.0164279**	**1.40**	**0.160**	**-.0091319**	**.0552641**
pleader	**.0890538**	**.0414745**	**2.15**	**0.032**	**.0077652**	**.1703425**
commchair2	**-.0180774**	**.0139139**	**-1.30**	**0.194**	**-.0453481**	**.0091934**

yrserved2	-.0083087	.0016078	-5.17	0.000	-.0114599	-.0051575
minority	-.0387001	.0143535	-2.70	0.007	-.0668325	-.0105678
votepct3	-.0042629	.0029362	-1.45	0.147	-.0100177	.0014919
reelection	-.066895	.0681076	-0.98	0.326	-.2003835	.0665934
mrp_mean	-.0095247	.0240538	-0.40	0.692	-.0566694	.0376199
totpop2	-.0017559	.0094998	-0.18	0.853	-.0203752	.0168634
incomex2	.0185839	.0037893	4.90	0.000	.011157	.0260108
_cons	.2823583	.0781546	3.61	0.000	.129178	.4355386

Random-effects Parameters	Estimate	Std. Err.	[95% Conf.	Interval]
state2: Identity				
var(_cons)	.02277	.0050517	.0147407	.0351729
districtid: Identity				
var(_cons)	.0246881	.0139579	.0081516	.0747706
var(Residual)	.1738728	.0139801	.1485223	.2035502

LR test vs. linear model: chi2(**2**) = **474.77** Prob > chi2 = **0.0000**

Note: LR test is conservative and provided only for reference.

```
81 .
82 . *************************bivariate models (appendix g)
83 . *with state FE (columns 1 to 4)
84 . reg reply2 gender2 i.state2 if rep!=. & chamber2!=. & pleader!=. & commchair2!=. & y
   >  state2!=., robust
```

Linear regression

Number of obs	**6,378**
F(49, 6328)	**16.52**
Prob > F	**0.0000**
R-squared	**0.0958**
Root MSE	**.47392**

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0291352	.0140214	2.08	0.038	.0016485	.056622
state2						
2	.4076201	.0696331	5.85	0.000	.2711155	.5441246
3	.1315117	.0684003	1.92	0.055	-.0025761	.2655996
4	.2042175	.060129	3.40	0.001	.0863442	.3220908
5	.1237101	.0627791	1.97	0.049	.0006419	.2467784
6	.0281819	.0656366	0.43	0.668	-.100488	.1568517

7	.0126813	.0549162	0.23	0.817	-.0949731	.1203357
8	.4260507	.068358	6.23	0.000	.2920459	.5600554
9	.325615	.056472	5.77	0.000	.2149108	.4363192
10	.1744354	.053447	3.26	0.001	.069661	.2792097
11	.2396296	.0707426	3.39	0.001	.1009501	.378309
12	.2054366	.0649823	3.16	0.002	.0780492	.332824
13	.1945316	.0577261	3.37	0.001	.0813689	.3076942
14	-.1928422	.051868	-3.72	0.000	-.294521	-.0911634
15	.2000324	.0583789	3.43	0.001	.08559	.3144749
16	.0885137	.0578721	1.53	0.126	-.0249352	.2019626
17	.0371049	.0603926	0.61	0.539	-.0812851	.1554949
18	.2664513	.059146	4.50	0.000	.1505052	.3823975
19	.1051452	.0584563	1.80	0.072	-.0094489	.2197393
20	.4652336	.0523537	8.89	0.000	.3626026	.5678646
21	.3558844	.0537454	6.62	0.000	.2505252	.4612435
22	.4234146	.054497	7.77	0.000	.3165819	.5302472
23	.0818629	.0573336	1.43	0.153	-.0305303	.1942562
24	-.0500423	.0559655	-0.89	0.371	-.1597537	.0596692
25	.4228644	.0529332	7.99	0.000	.3190973	.5266315
26	.1871904	.063956	2.93	0.003	.0618149	.3125659
27	.4246064	.0747843	5.68	0.000	.2780039	.5712089
28	.1318328	.0859314	1.53	0.125	-.0366219	.3002874
29	.0422593	.0525634	0.80	0.421	-.0607827	.1453013
30	.2320774	.0625299	3.71	0.000	.1094976	.3546571
31	.1719517	.0663881	2.59	0.010	.0418085	.302095
32	.2208846	.0550298	4.01	0.000	.1130076	.3287617
33	.3277799	.0561651	5.84	0.000	.2176773	.4378826
34	.1553301	.0602829	2.58	0.010	.0371552	.273505
35	.1774103	.0770874	2.30	0.021	.0262928	.3285277
36	.2975603	.0578078	5.15	0.000	.1842375	.4108831
37	.4224482	.062437	6.77	0.000	.3000505	.5448459
38	.3479827	.0516522	6.74	0.000	.246727	.4492385
39	.2670503	.0622963	4.29	0.000	.1449284	.3891723
41	.2279959	.0663704	3.44	0.001	.0978874	.3581044
42	.406108	.0567122	7.16	0.000	.2949329	.5172831
43	.1237706	.0569335	2.17	0.030	.0121617	.2353795
44	.3219549	.0627682	5.13	0.000	.198908	.4450018
45	.0692093	.0611963	1.13	0.258	-.0507561	.1891748
46	.4504808	.0539678	8.35	0.000	.3446856	.5562761
47	.3173502	.057701	5.50	0.000	.2042368	.4304636
48	.0027327	.0610832	0.04	0.964	-.1170111	.1224765
49	.3654955	.0573861	6.37	0.000	.2529993	.4779918
50	.0171005	.0664674	0.26	0.797	-.1131981	.1473992
_cons	.3466969	.0418873	8.28	0.000	.2645836	.4288102

```
85 . reg replyinfo gender2 i.state2 if rep!=. & chamber2!=. & pleader!=. & commchair2!=.
  > . & state2!=., robust
```

Linear regression

Number of obs	= 6,378
F(49, 6328)	= 25.28
Prob > F	= 0.0000
R-squared	= 0.1347
Root MSE	= .448

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.060284	.0133951	4.50	0.000	.0340252	.0865429
state2						
2	.4450618	.07137	6.24	0.000	.3051524	.5849712
3	.2275672	.0637765	3.57	0.000	.1025436	.3525908
4	.0250775	.0497566	0.50	0.614	-.0724623	.1226173
5	.2282005	.0578043	3.95	0.000	.1148843	.3415166
6	.158675	.0607457	2.61	0.009	.0395927	.2777572
7	.0392571	.0466952	0.84	0.401	-.0522812	.1307954
8	.4481271	.0715981	6.26	0.000	.3077705	.5884837
9	.3846968	.0528662	7.28	0.000	.2810611	.4883325
10	.1483369	.046934	3.16	0.002	.0563304	.2403435
11	.3553104	.0670981	5.30	0.000	.2237754	.4868453
12	.0920873	.0569287	1.62	0.106	-.0195122	.2036868
13	.1913103	.0518789	3.69	0.000	.08961	.2930106
14	-.0409988	.0459388	-0.89	0.372	-.1310544	.0490569
15	.0446996	.0491068	0.91	0.363	-.0515664	.1409656
16	-.0104232	.0465809	-0.22	0.823	-.1017374	.0808911
17	-.0175586	.0485906	-0.36	0.718	-.1128127	.0776955
18	.235526	.0548346	4.30	0.000	.1280317	.3430203
19	-.0985156	.0423982	-2.32	0.020	-.1816304	-.0154007
20	.4945651	.0511649	9.67	0.000	.3942645	.5948657
21	.2667032	.050537	5.28	0.000	.1676336	.3657728
22	.4001226	.0536934	7.45	0.000	.2948652	.5053799
23	.0204915	.0476001	0.43	0.667	-.0728209	.1138039
24	-.104943	.0414319	-2.53	0.011	-.1861635	-.0237225
25	.3147964	.0520318	6.05	0.000	.2127966	.4167963
26	.1098731	.0562323	1.95	0.051	-.0003612	.2201074
27	.2938564	.0821107	3.58	0.000	.1328916	.4548212
28	.1524852	.0795941	1.92	0.055	-.0035463	.3085167
29	-.0946899	.0398465	-2.38	0.018	-.1728026	-.0165773
30	.2735399	.0585379	4.67	0.000	.1587858	.3882941
31	.1182892	.0590194	2.00	0.045	.0025912	.2339872
32	.2276168	.0497941	4.57	0.000	.1300034	.3252302
33	.2687411	.0529904	5.07	0.000	.1648619	.3726202
34	-.0958681	.043087	-2.22	0.026	-.1803333	-.0114029
35	.2326074	.0731265	3.18	0.001	.0892546	.3759601
36	.1824627	.0532312	3.43	0.001	.0781116	.2868139

37	.4301317	.0637241	6.75	0.000	.3052109	.5550525
38	.3682252	.0475884	7.74	0.000	.2749358	.4615145
39	.1354043	.0567769	2.38	0.017	.0241023	.2467063
41	.010349	.0541759	0.19	0.849	-.0958542	.1165521
42	.3314402	.0564298	5.87	0.000	.2208185	.4420618
43	.2112844	.0513741	4.11	0.000	.1105737	.311995
44	.2642596	.0603736	4.38	0.000	.1459068	.3826124
45	-.1006192	.0445929	-2.26	0.024	-.1880365	-.013202
46	.4269211	.0539221	7.92	0.000	.3212156	.5326267
47	.3656452	.0544657	6.71	0.000	.258874	.4724164
48	-.0778821	.045433	-1.71	0.087	-.1669461	.0111819
49	.249806	.0554878	4.50	0.000	.141031	.3585809
50	-.0750085	.0485334	-1.55	0.122	-.1701504	.0201333
_cons	.181636	.0346768	5.24	0.000	.1136578	.2496142

```
86 . reg reply2 gender2 nl_totalbills i.state2 if rep!=. & chamber2!=. & pleader!=. & com
   >  incomex2!=. & state2!=., robust
```

Linear regression

Number of obs	=	6,268
F(50, 6217)	=	17.01
Prob > F	=	0.0000
R-squared	=	0.1010
Root MSE	=	.47239

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.024375	.0141405	1.72	0.085	-.0033453	.0520954
nl_totalbills	.0393996	.0094962	4.15	0.000	.0207836	.0580155
state2						
2	.3518709	.0710036	4.96	0.000	.2126794	.4910624
3	.04519	.0715053	0.63	0.527	-.0949851	.1853651
4	.1421785	.0619799	2.29	0.022	.0206764	.2636805
5	-.0057397	.0701199	-0.08	0.935	-.1431988	.1317195
6	.0068734	.0657282	0.10	0.917	-.1219766	.1357234
7	.0740511	.0570318	1.30	0.194	-.0377509	.1858532
8	.3155632	.0733802	4.30	0.000	.1717126	.4594138
9	.2853848	.0574312	4.97	0.000	.1727998	.3979699
10	.0959401	.0566935	1.69	0.091	-.0151986	.2070789
11	.1010105	.0782403	1.29	0.197	-.0523676	.2543886
12	.4782417	.0966546	4.95	0.000	.2887653	.6677181
13	.0772576	.0648612	1.19	0.234	-.0498928	.204408
14	-.2497046	.0532921	-4.69	0.000	-.3541755	-.1452338
15	.1493651	.0597791	2.50	0.012	.0321773	.2665529
16	.0623563	.0583883	1.07	0.286	-.052105	.1768176

17	-.0419069	.062947	-0.67	0.506	-.1653047	.081491
18	.1956183	.0620141	3.15	0.002	.0740493	.3171874
19	.0318058	.0609478	0.52	0.602	-.0876731	.1512846
20	.3751122	.0567955	6.60	0.000	.2637735	.4864509
21	.2452366	.0602377	4.07	0.000	.12715	.3633233
22	.30491	.0617833	4.94	0.000	.1837934	.4260265
23	-.0166617	.0621085	-0.27	0.789	-.1384157	.1050923
24	-.1096733	.0584514	-1.88	0.061	-.2242584	.0049117
25	.4199062	.0532846	7.88	0.000	.31545	.5243624
26	.1961186	.0636354	3.08	0.002	.0713713	.3208659
27	.3641768	.0780834	4.66	0.000	.2111063	.5172473
28	.0593936	.088122	0.67	0.500	-.113356	.2321432
29	.0494664	.0525479	0.94	0.347	-.0535455	.1524784
30	.1741668	.0690421	2.52	0.012	.0388205	.3095131
31	.1727743	.0661312	2.61	0.009	.0431343	.3024142
32	.0791793	.0649323	1.22	0.223	-.0481105	.2064691
33	.2460692	.0597173	4.12	0.000	.1290026	.3631358
34	.1190097	.0609654	1.95	0.051	-.0005036	.238523
35	.1086639	.0790206	1.38	0.169	-.0462438	.2635716
36	.2094452	.0621	3.37	0.001	.0877078	.3311826
37	.3973977	.062854	6.32	0.000	.2741822	.5206132
38	.2118252	.0615362	3.44	0.001	.091193	.3324575
39	.1863533	.0652803	2.85	0.004	.0583814	.3143252
41	.1480299	.0692968	2.14	0.033	.0121842	.2838755
42	.2839115	.0645418	4.40	0.000	.1573873	.4104356
43	.0236584	.0618681	0.38	0.702	-.0976244	.1449413
44	.3125727	.0628195	4.98	0.000	.1894249	.4357205
45	-.0222264	.0650382	-0.34	0.733	-.1497238	.105271
46	.3686159	.0575927	6.40	0.000	.2557143	.4815175
47	.2044727	.063933	3.20	0.001	.0791418	.3298035
48	-.0838114	.06424	-1.30	0.192	-.209744	.0421212
49	.2379148	.0651467	3.65	0.000	.1102047	.3656249
50	-.0056914	.0666847	-0.09	0.932	-.1364164	.1250336
_cons	.2593546	.0471629	5.50	0.000	.1668989	.3518102

```
87 . reg replyinfo gender2 nl_totalbills i.state2 if rep!=. & chamber2!=. & pleader!=. &
> . & incomex2!=. & state2!=., robust

Linear regression                               Number of obs     =      6,268
                                                F(50, 6217)       =      25.06
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1383
                                                Root MSE          =     .44772
```

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

gender2	.0564914	.0135126	4.18	0.000	.0300019	.0829808
nl_totalbills	.0283675	.0088844	3.19	0.001	.0109511	.045784
state2						
2	.4049721	.0724637	5.59	0.000	.2629182	.547026
3	.1654875	.0665373	2.49	0.013	.0350515	.2959236
4	-.0155614	.0515891	-0.30	0.763	-.1166939	.085571
5	.1350398	.0644043	2.10	0.036	.0087851	.2612945
6	.141577	.0607717	2.33	0.020	.0224436	.2607105
7	.0830817	.0490971	1.69	0.091	-.0131657	.1793291
8	.3686074	.0754922	4.88	0.000	.2206166	.5165983
9	.3557686	.0536303	6.63	0.000	.2506347	.4609025
10	.0949865	.0497358	1.91	0.056	-.0025129	.1924858
11	.255553	.0737203	3.47	0.001	.1110357	.4000703
12	.2231589	.108282	2.06	0.039	.0108886	.4354291
13	.1070777	.0582945	1.84	0.066	-.0071997	.2213551
14	-.0819217	.0470914	-1.74	0.082	-.1742371	.0103936
15	.0082463	.0498706	0.17	0.869	-.0895172	.1060098
16	-.0292232	.0470074	-0.62	0.534	-.121374	.0629276
17	-.0772649	.0510382	-1.51	0.130	-.1773173	.0227876
18	.184636	.0573776	3.22	0.001	.072156	.297116
19	-.1512732	.0454321	-3.33	0.001	-.2403358	-.0622106
20	.4297384	.0549171	7.83	0.000	.3220819	.5373948
21	.1870793	.0561776	3.33	0.001	.0769517	.2972068
22	.3148205	.0595689	5.28	0.000	.1980449	.4315961
23	-.0503799	.052105	-0.97	0.334	-.1525237	.0517639
24	-.1476411	.0443117	-3.33	0.001	-.2345074	-.0607748
25	.3166311	.052454	6.04	0.000	.2138031	.4194592
26	.1163481	.0563353	2.07	0.039	.0059115	.2267846
27	.2345451	.0849346	2.76	0.006	.068044	.4010462
28	.1004034	.0812533	1.24	0.217	-.0588812	.259688
29	-.0894496	.0401461	-2.23	0.026	-.1681498	-.0107493
30	.237482	.0653354	3.63	0.000	.1094021	.365562
31	.1189218	.0589616	2.02	0.044	.0033366	.234507
32	.1256284	.0588019	2.14	0.033	.0103564	.2409003
33	.2099423	.0557833	3.76	0.000	.1005878	.3192968
34	-.1220063	.0438721	-2.78	0.005	-.2080107	-.0360019
35	.1797115	.0745333	2.41	0.016	.0336004	.3258226
36	.1183223	.0568491	2.08	0.037	.0068784	.2297662
37	.4121479	.0641223	6.43	0.000	.286446	.5378497
38	.2704205	.0565286	4.78	0.000	.1596048	.3812362
39	.0773457	.0591734	1.31	0.191	-.0386546	.193346
41	-.0522377	.0563604	-0.93	0.354	-.1627235	.0582482
42	.2435454	.063173	3.86	0.000	.1197044	.3673864
43	.13922	.0557286	2.50	0.013	.0299727	.2484672
44	.2575065	.0603956	4.26	0.000	.1391102	.3759028
45	-.166364	.0489031	-3.40	0.001	-.2622311	-.070497
46	.3679949	.0568241	6.48	0.000	.2566	.4793898

```
          47 |   .2844398   .0598629     4.75   0.000     .1670878    .4017917
          48 |  -.1401989   .0493163    -2.84   0.004    -.2368759   -.043522
          49 |   .1579866   .0625765     2.52   0.012     .0353151    .2806582
          50 |   -.091424   .0489334    -1.87   0.062    -.1873504    .0045023
             |
       _cons |   .1188056   .0406255     2.92   0.003     .0391657    .1984456
------------------------------------------------------------------------------

88 .
89 . *no state FE (columns 1 to 4)
90 . reg reply2 gender2 if rep!=. & chamber2!=. & pleader!=. & commchair2!=. & yrserved2!
  > ., robust

Linear regression                               Number of obs     =      6,378
                                                F(1, 6376)        =       4.34
                                                Prob > F          =     0.0372
                                                R-squared         =     0.0007
                                                Root MSE          =     .49635

------------------------------------------------------------------------------
             |               Robust
      reply2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     gender2 |   .0299811    .014389     2.08   0.037     .0017738    .0581884
       _cons |   .5522326   .0071673    77.05   0.000     .5381822     .566283
------------------------------------------------------------------------------

91 . reg replyinfo gender2 if rep!=. & chamber2!=. & pleader!=. & commchair2!=. & yrserve
  > 2!=., robust

Linear regression                               Number of obs     =      6,378
                                                F(1, 6376)        =      22.13
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0036
                                                Root MSE          =     .47894

------------------------------------------------------------------------------
             |               Robust
   replyinfo |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     gender2 |   .0667898   .0141968     4.70   0.000     .0389593    .0946204
       _cons |   .3426791   .0068407    50.09   0.000      .329269    .3560893
------------------------------------------------------------------------------

92 . reg reply2 gender2 nl_totalbills if rep!=. & chamber2!=. & pleader!=. & commchair2!=
  > !=. & state2!=., robust

Linear regression                               Number of obs     =      6,268
                                                F(2, 6265)        =      50.37
```

```
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0156
                                                Root MSE          =     .49242

------------------------------------------------------------------------------
             |               Robust
      reply2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     gender2 |   .0262973    .014436     1.82   0.069    -.0020022    .0545967
nl_totalbills|   .0439101    .004474     9.81   0.000     .0351395    .0526807
       _cons |   .3787961    .0193942   19.53   0.000     .3407768    .4168155
------------------------------------------------------------------------------

93 . reg replyinfo gender2 nl_totalbills if rep!=. & chamber2!=. & pleader!=. & commchair
   > ex2!=. & state2!=., robust

Linear regression                               Number of obs     =      6,268
                                                F(2, 6265)        =      91.48
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0270
                                                Root MSE          =     .47393

------------------------------------------------------------------------------
             |               Robust
   replyinfo |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     gender2 |   .0618778    .0142139     4.35   0.000     .0340137    .0897419
nl_totalbills|   .0534757     .004235    12.63   0.000     .0451735    .0617778
       _cons |   .1311133    .0177094     7.40   0.000     .0963968    .1658298
------------------------------------------------------------------------------

94 .
95 . **************************with interaction between gender and bills sponsored (append
96 . reg reply2 i.gender2##c.nl_totalbills rep chamber2 pleader commchair2 yrserved2 mino
   note: 50.state2 omitted because of collinearity

Linear regression                               Number of obs     =      6,268
                                                F(61, 6206)       =      15.65
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1114
                                                Root MSE          =     .47005

------------------------------------------------------------------------------
             |               Robust
      reply2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
-------------+----------------------------------------------------------------
   1.gender2 |   .0641978    .042875     1.50   0.134    -.0198521    .1482
nl_totalbills|   .043913    .0099203     4.43   0.000     .0244657    .0633
             |
```

gender2#c.nl_totalbills						
1	-.0058163	.0098817	-0.59	0.556	-.0251879	.0135
rep	.0246228	.0161613	1.52	0.128	-.0070589	.0563
chamber2	.0522183	.0183108	2.85	0.004	.0163228	.0881
pleader	.0866104	.0425516	2.04	0.042	.0031946	.1700
commchair2	-.0098309	.0147989	-0.66	0.507	-.0388419	.01
yrserved2	-.0077199	.0017057	-4.53	0.000	-.0110636	-.0043
minority	-.0379618	.0151618	-2.50	0.012	-.0676842	-.0082
votepct3	-.0025251	.0031168	-0.81	0.418	-.0086352	.003
reelection	-.0465477	.0663649	-0.70	0.483	-.1766459	.0835
mrp_mean	.0690204	.0258827	2.67	0.008	.0182813	.1197
totpop2	-.0237095	.0117099	-2.02	0.043	-.0466651	-.000
incomex2	.0037954	.0039949	0.95	0.342	-.0040359	.0116
state2						
2	.3569114	.0769614	4.64	0.000	.2060403	.5077
3	.0950252	.0799066	1.19	0.234	-.0616193	.2516
4	.1590015	.0678338	2.34	0.019	.0260237	.2919
5	.1658432	.1041611	1.59	0.111	-.0383486	.370
6	.0404217	.0728493	0.55	0.579	-.1023882	.1832
7	.1429219	.0668925	2.14	0.033	.0117895	.2740
8	.3713562	.0767295	4.84	0.000	.2209399	.5217
9	.3676923	.0684349	5.37	0.000	.2335362	.5018
10	.1385083	.0631596	2.19	0.028	.0146937	.2623
11	.1565794	.082446	1.90	0.058	-.0050433	.3182
12	.5102332	.1015043	5.03	0.000	.3112497	.7092
13	.1551406	.0713379	2.17	0.030	.0152937	.2949
14	-.2061429	.0608776	-3.39	0.001	-.325484	-.0868
15	.1883551	.0657532	2.86	0.004	.0594561	.3172
16	.0884479	.065035	1.36	0.174	-.0390434	.2159
17	.0129144	.0685572	0.19	0.851	-.1214814	.1473
18	.1747749	.0611838	2.86	0.004	.0548334	.2947
19	.0702987	.06688	1.05	0.293	-.0608093	.2014
20	.4002021	.0603269	6.63	0.000	.2819406	.5184
21	.3244288	.0669314	4.85	0.000	.19322	.4556
22	.3552725	.0682838	5.20	0.000	.2214127	.4891
23	.0337645	.0673405	0.50	0.616	-.0982461	.1657
24	-.1040253	.0572315	-1.82	0.069	-.2162189	.0081
25	.4532187	.061637	7.35	0.000	.3323888	.5740
26	.2213667	.0708091	3.13	0.002	.0825563	.3601
27	.3692222	.0843839	4.38	0.000	.2038005	.5346
28	.1005807	.0910981	1.10	0.270	-.0780032	.2791
29	.0888428	.0624234	1.42	0.155	-.0335286	.2112
30	.221084	.0731704	3.02	0.003	.0776447	.3645
31	.2351193	.0718217	3.27	0.001	.0943239	.3759
32	.1889562	.0725318	2.61	0.009	.0467688	.3311
33	.2992686	.066872	4.48	0.000	.1681764	.4303
34	.146396	.0675561	2.17	0.030	.0139625	.2788

35	.2048807	.086632	2.36	0.018	.0350519	.3747
36	.2068697	.0673843	3.07	0.002	.0747731	.3389
37	.464829	.0700089	6.64	0.000	.3275873	.6020
38	.2772559	.066869	4.15	0.000	.1461695	.4083
39	.2490828	.0710338	3.51	0.000	.1098319	.3883
41	.1364149	.07412	1.84	0.066	-.008886	.2817
42	.3134348	.0693692	4.52	0.000	.1774471	.4494
43	.1191931	.0738531	1.61	0.107	-.0255845	.2639
44	.3299285	.0685986	4.81	0.000	.1954515	.4644
45	.051326	.0714017	0.72	0.472	-.0886461	.1912
46	.3757455	.0585343	6.42	0.000	.260998	.490
47	.2780574	.0697836	3.98	0.000	.1412574	.4148
48	-.04848	.0702892	-0.69	0.490	-.1862711	.0893
49	.2883198	.0698377	4.13	0.000	.1514137	.425
50	0	(omitted)				
_cons	.2780476	.0584427	4.76	0.000	.1634796	.3926

```
97 . reg replyinfo i.gender2##c.nl_totalbills rep chamber2 pleader commchair2 yrserved2 m
   note: 50.state2 omitted because of collinearity

   Linear regression                               Number of obs     =      6,268
                                                   F(61, 6206)       =      22.59
                                                   Prob > F          =     0.0000
                                                   R-squared         =     0.1473
                                                   Root MSE          =     .44578
```

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interv
1.gender2	.0765887	.0403129	1.90	0.057	-.0024385	.1556
nl_totalbills	.0301863	.0093212	3.24	0.001	.0119135	.0484
gender2#c.nl_totalbills						
1	-.0055145	.0095647	-0.58	0.564	-.0242647	.0132
rep	-.024131	.0149457	-1.61	0.106	-.0534298	.0051
chamber2	.0315449	.0170183	1.85	0.064	-.0018169	.0649
pleader	.0856558	.0440963	1.94	0.052	-.0007882	.1720
commchair2	-.0181662	.0139159	-1.31	0.192	-.0454462	.0091
yrserved2	-.0080974	.0015515	-5.22	0.000	-.0111388	-.005
minority	-.0387384	.0142165	-2.72	0.006	-.0666076	-.0108
votepct3	-.0047337	.0029051	-1.63	0.103	-.0104287	.0009
reelection	-.141715	.0498149	-2.84	0.004	-.2393695	-.0440
mrp_mean	-.0098896	.0242194	-0.41	0.683	-.0573681	.0375
totpop2	-.0099475	.0113707	-0.87	0.382	-.032238	.0123
incomex2	.0173229	.0039216	4.42	0.000	.0096352	.0250

state2						
2	.4736143	.0732886	6.46	0.000	.3299433	.6172
3	.263198	.0699072	3.76	0.000	.1261557	.4002
4	.0931476	.0511724	1.82	0.069	-.007168	.1934
5	.245869	.0955667	2.57	0.010	.0585251	.4332
6	.215235	.0615117	3.50	0.000	.0946508	.3358
7	.1409608	.0527042	2.67	0.008	.0376423	.2442
8	.4530888	.0744502	6.09	0.000	.3071406	.599
9	.4729684	.0588841	8.03	0.000	.3575352	.5884
10	.2105487	.0496428	4.24	0.000	.1132317	.3078
11	.3135797	.0734429	4.27	0.000	.1696062	.4575
12	.3069076	.1098074	2.79	0.005	.0916472	.5221
13	.2071594	.0589873	3.51	0.000	.091524	.3227
14	.0375304	.0471576	0.80	0.426	-.0549148	.1299
15	.1108302	.0492884	2.25	0.025	.0142078	.2074
16	.068516	.046563	1.47	0.141	-.0227636	.1597
17	.0601146	.0506652	1.19	0.235	-.0392068	.1594
18	.1627344	.0570969	2.85	0.004	.0508047	.2746
19	-.0710388	.0451088	-1.57	0.115	-.1594677	.0173
20	.3364406	.0584903	5.75	0.000	.2217793	.4511
21	.2510982	.0567456	4.42	0.000	.1398572	.3623
22	.4094706	.0601024	6.81	0.000	.2916491	.5272
23	.0375614	.0510886	0.74	0.462	-.06259	.1377
24	-.1355307	.0442346	-3.06	0.002	-.2222459	-.0488
25	.424834	.053203	7.99	0.000	.3205378	.5291
26	.2103435	.0562766	3.74	0.000	.1000219	.3206
27	.3066419	.083469	3.67	0.000	.1430138	.47
28	.1877345	.0810514	2.32	0.021	.0288456	.3466
29	-.0376543	.0436068	-0.86	0.388	-.1231387	.04
30	.1708787	.0697232	2.45	0.014	.0341971	.3075
31	.2357335	.0585783	4.02	0.000	.1208997	.3505
32	.2328515	.0613809	3.79	0.000	.1125237	.3531
33	.3313639	.0562221	5.89	0.000	.2211492	.4415
34	-.0136071	.0437628	-0.31	0.756	-.0993974	.0721
35	.3065137	.0771622	3.97	0.000	.1552491	.4577
36	.2329015	.0557774	4.18	0.000	.1235586	.3422
37	.5192858	.0643737	8.07	0.000	.3930911	.6454
38	.3864763	.0559103	6.91	0.000	.2768727	.4960
39	.144492	.059308	2.44	0.015	.0282279	.2607
41	.0329027	.0556332	0.59	0.554	-.0761576	.1419
42	.3643332	.0622516	5.85	0.000	.2422986	.4863
43	.282777	.062983	4.49	0.000	.1593086	.4062
44	.3470738	.0597992	5.80	0.000	.2298467	.4643
45	-.0785791	.0492064	-1.60	0.110	-.1750407	.0178
46	.3159843	.0580708	5.44	0.000	.2021454	.4298
47	.3807428	.0601825	6.33	0.000	.2627643	.4987
48	-.0244598	.049444	-0.49	0.621	-.1213871	.0724
49	.2640783	.0614171	4.30	0.000	.1436796	.384

```
                  50 |          0  (omitted)
                _cons |   .1649983   .0522629     3.16   0.002     .0625448    .2674
```

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 98 .
 99 . *************************leg hires staff, staff leg ratio (appendix j)
100 . *controlling for staff leg ratio, columns 1 and 2
101 . reg reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minority
note: 50.state2 omitted because of collinearity

Linear regression                               Number of obs     =      4,428
                                                F(53, 4374)       =      15.36
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1284
                                                Root MSE          =     .46743
```

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0368902	.0171152	2.16	0.031	.0033357	.0704447
nl_totalbills	.0573443	.0112383	5.10	0.000	.0353115	.0793771
rep	-.0174379	.0195792	-0.89	0.373	-.055823	.0209472
chamber2	.0467289	.0249779	1.87	0.061	-.0022405	.0956984
pleader	.0474784	.05063	0.94	0.348	-.051782	.1467388
commchair2	.0059738	.0177287	0.34	0.736	-.0287835	.0407311
yrserved2	-.0082606	.0020791	-3.97	0.000	-.0123367	-.0041845
minority	-.0451271	.0187574	-2.41	0.016	-.081901	-.0083532
votepct3	-.000294	.0036234	-0.08	0.935	-.0073977	.0068096
reelection	-.0460864	.0729826	-0.63	0.528	-.1891692	.0969964
mrp_mean	.0746474	.0314098	2.38	0.018	.0130683	.1362265
totpop2	.039342	.0273229	1.44	0.150	-.0142248	.0929088
incomex2	.0000618	.0051455	0.01	0.990	-.0100259	.0101495
stafflegratio	.0188507	.034018	0.55	0.580	-.0478418	.0855432
state2						
2	.2964158	.1026881	2.89	0.004	.0950951	.4977365
3	-.0694261	.0946285	-0.73	0.463	-.254946	.1160937
4	.1121676	.069424	1.62	0.106	-.0239387	.2482739
5	-.429616	.254101	-1.69	0.091	-.9277827	.0685507
6	.0384027	.1075779	0.36	0.721	-.1725044	.2493098
7	.1465689	.0695832	2.11	0.035	.0101505	.2829873
9	.2852698	.0994913	2.87	0.004	.0902165	.4803232
10	.0553562	.0673069	0.82	0.411	-.0765995	.1873119
11	.0460971	.0958369	0.48	0.631	-.1417919	.233986
12	.4229025	.1869145	2.26	0.024	.0564554	.7893496
13	-.2630862	.1138281	-2.31	0.021	-.486247	-.0399254
14	-.2765248	.0636962	-4.34	0.000	-.4014017	-.1516479

15	.1288706	.0739068	1.74	0.081	-.0160243	.2737654
17	-.057323	.0710239	-0.81	0.420	-.1965658	.0819197
19	.0443755	.0679784	0.65	0.514	-.0888966	.1776476
20	.2929565	.0750415	3.90	0.000	.1458373	.4400758
22	.1908204	.1010197	1.89	0.059	-.0072294	.3888702
23	-.0786663	.1023456	-0.77	0.442	-.2793154	.1219828
24	-.1553121	.0634537	-2.45	0.014	-.2797136	-.0309106
25	.4544483	.0726927	6.25	0.000	.3119338	.5969628
26	.2233153	.0710218	3.14	0.002	.0840766	.362554
27	.2860106	.1058564	2.70	0.007	.0784785	.4935427
28	.0078609	.0978611	0.08	0.936	-.1839964	.1997182
29	.1056291	.0636264	1.66	0.097	-.0191109	.2303691
31	.2710873	.0821795	3.30	0.001	.1099738	.4322008
33	.1776451	.0776579	2.29	0.022	.0253962	.3298939
34	.1388941	.06812	2.04	0.042	.0053445	.2724437
35	.0093643	.1056694	0.09	0.929	-.1978013	.2165298
36	.1438486	.0699072	2.06	0.040	.0067952	.2809021
37	.3632821	.096777	3.75	0.000	.1735502	.553014
38	-.1853859	.1360759	-1.36	0.173	-.4521635	.0813917
39	.1923561	.0730542	2.63	0.008	.0491329	.3355793
41	.10942	.075265	1.45	0.146	-.0381374	.2569775
42	.19568	.0798286	2.45	0.014	.0391756	.3521845
44	.3101196	.069748	4.45	0.000	.1733783	.4468609
45	.0112045	.0734114	0.15	0.879	-.132719	.1551281
47	.1326938	.0865197	1.53	0.125	-.0369287	.3023162
48	-.1081304	.0724043	-1.49	0.135	-.2500795	.0338187
49	.1642488	.089152	1.84	0.065	-.0105342	.3390318
50	0	(omitted)				
_cons	.2724174	.0687203	3.96	0.000	.1376907	.4071441

102 . reg replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
note: 50.state2 omitted because of collinearity

Linear regression

Number of obs	=	4,428
F(53, 4374)	=	20.70
Prob > F	=	0.0000
R-squared	=	0.1725
Root MSE	=	.43206

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0438103	.0161167	2.72	0.007	.0122133	.0754072
nl_totalbills	.0329156	.0102373	3.22	0.001	.0128453	.052986
rep	-.0600263	.0171334	-3.50	0.000	-.0936165	-.0264361
chamber2	.0080365	.0224341	0.36	0.720	-.0359457	.0520187

pleader	.0692767	.0512324	1.35	0.176	-.0311647	.1697181
commchair2	-.0061826	.0162484	-0.38	0.704	-.0380377	.0256725
yrserved2	-.0083286	.0018319	-4.55	0.000	-.0119201	-.0047371
minority	-.0447746	.016594	-2.70	0.007	-.0773073	-.0122419
votepct3	.0003662	.0032745	0.11	0.911	-.0060535	.0067859
reelection	-.1093955	.056205	-1.95	0.052	-.2195858	.0007948
mrp_mean	.0044613	.0290156	0.15	0.878	-.052424	.0613466
totpop2	.0481007	.0275045	1.75	0.080	-.005822	.1020234
incomex2	.0134307	.0048786	2.75	0.006	.0038662	.0229952
stafflegratio	.0437323	.0370899	1.18	0.238	-.0289828	.1164474
state2						
2	.3771614	.1040685	3.62	0.000	.1731343	.5811884
3	.1298473	.086241	1.51	0.132	-.0392286	.2989233
4	.0560504	.0528257	1.06	0.289	-.0475148	.1596156
5	-.3644804	.2531932	-1.44	0.150	-.8608673	.1319066
6	.236333	.1000735	2.36	0.018	.0401383	.4325276
7	.125552	.0558021	2.25	0.025	.0161517	.2349524
9	.3547682	.0966313	3.67	0.000	.1653219	.5442145
10	.1342402	.054336	2.47	0.014	.0277142	.2407662
11	.2156452	.0895389	2.41	0.016	.0401037	.3911867
12	.3205344	.189873	1.69	0.091	-.0517128	.6927815
13	-.1810981	.1035722	-1.75	0.080	-.3841521	.0219559
14	-.0225272	.0506504	-0.44	0.657	-.1218276	.0767732
15	.040248	.0607496	0.66	0.508	-.0788519	.159348
17	.0075009	.0536132	0.14	0.889	-.0976081	.11261
19	-.074327	.0460224	-1.62	0.106	-.1645542	.0159002
20	.2768331	.0725864	3.81	0.000	.1345269	.4191393
22	.2290444	.1009149	2.27	0.023	.0312002	.4268887
23	.0491359	.0916161	0.54	0.592	-.1304781	.2287499
24	-.1446439	.0499485	-2.90	0.004	-.2425684	-.0467195
25	.3815194	.0686649	5.56	0.000	.2469014	.5161374
26	.2102656	.0566969	3.71	0.000	.099111	.3214203
27	.2013931	.1099467	1.83	0.067	-.0141581	.4169443
28	.0932498	.0889846	1.05	0.295	-.0812051	.2677047
29	-.015012	.0449907	-0.33	0.739	-.1032166	.0731926
31	.262729	.0712904	3.69	0.000	.1229638	.4024943
33	.2099938	.0691649	3.04	0.002	.0743956	.3455919
34	-.0081232	.0439342	-0.18	0.853	-.0942566	.0780101
35	.1055997	.0984177	1.07	0.283	-.0873489	.2985482
36	.1801682	.0579932	3.11	0.002	.0664721	.2938643
37	.3811409	.0964566	3.95	0.000	.1920372	.5702447
38	.0092802	.1356471	0.07	0.945	-.2566568	.2752172
39	.1053712	.0614747	1.71	0.087	-.0151503	.2258927
41	.0280341	.0563801	0.50	0.619	-.0824995	.1385677
42	.25316	.0742817	3.41	0.001	.1075302	.3987897
44	.3256149	.0609938	5.34	0.000	.2060361	.4451936
45	-.0856919	.0509993	-1.68	0.093	-.1856764	.0142925
47	.2427152	.0800125	3.03	0.002	.0858501	.3995803

48	-.0557837	.0523722	-1.07	0.287	-.1584597	.0468923
49	.1394187	.0824393	1.69	0.091	-.022204	.3010415
50	0	(omitted)				
_cons	.1363172	.0599226	2.27	0.023	.0188385	.2537959

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103 .
104 . *controlling for whether leg hires staff, columns 3 and 4
105 . reg reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minority
    note: 49.state2 omitted because of collinearity
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Linear regression

Number of obs	= 3,552
F(46, 3505)	= 9.32
Prob > F	= 0.0000
R-squared	= 0.1023
Root MSE	= .46203

reply2	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0372761	.0182841	2.04	0.042	.0014275	.0731247
nl_totalbills	.0292936	.0133569	2.19	0.028	.0031056	.0554816
rep	.0169589	.0216473	0.78	0.433	-.0254837	.0594015
chamber2	.0337163	.0278988	1.21	0.227	-.0209833	.0884158
pleader	.0931572	.0534765	1.74	0.082	-.0116911	.1980056
commchair2	-.001456	.0199611	-0.07	0.942	-.0405926	.0376806
yrserved2	-.0079887	.0024179	-3.30	0.001	-.0127293	-.0032481
minority	-.0356978	.0202435	-1.76	0.078	-.075388	.0039923
votepct3	-.004926	.004241	-1.16	0.246	-.0132411	.0033891
reelection	.3539118	.0986385	3.59	0.000	.1605172	.5473064
mrp_mean	.059163	.0336336	1.76	0.079	-.0067803	.1251064
totpop2	.0031433	.0184118	0.17	0.864	-.0329556	.0392422
incomex2	.0007271	.0048682	0.15	0.881	-.0088177	.0102719
leghire	.1309273	.0710785	1.84	0.066	-.0084321	.2702868
state2						
2	.0691912	.0753302	0.92	0.358	-.0785043	.2168867
3	-.1160124	.1104731	-1.05	0.294	-.3326105	.1005857
5	-.2701187	.1151471	-2.35	0.019	-.4958808	-.0443566
6	-.2399166	.0782082	-3.07	0.002	-.3932548	-.0865783
7	-.0607043	.1097541	-0.55	0.580	-.2758927	.154484
8	.2244812	.0970773	2.31	0.021	.0341473	.414815
9	.0877349	.0655878	1.34	0.181	-.0408591	.216329
10	-.0283165	.0898147	-0.32	0.753	-.2044109	.147778
11	-.1161873	.0713298	-1.63	0.103	-.2560395	.0236649
12	.3066172	.1332718	2.30	0.021	.045319	.5679155
13	-.1082454	.0605397	-1.79	0.074	-.226942	.0104512

14	-.3172892	.1030194	-3.08	0.002	-.5192731	-.1153052
15	-.1121995	.0633549	-1.77	0.077	-.2364156	.0120166
16	-.0865309	.0969752	-0.89	0.372	-.2766645	.1036027
18	.2783524	.0933154	2.98	0.003	.0953944	.4613105
20	.492144	.0947071	5.20	0.000	.3064573	.6778307
22	.0481676	.0533421	0.90	0.367	-.0564171	.1527522
23	-.2741441	.0938613	-2.92	0.004	-.4581725	-.0901158
25	.1319603	.0659336	2.00	0.045	.0026881	.2612326
27	.0785421	.0878154	0.89	0.371	-.0936324	.2507166
28	-.0777566	.1108281	-0.70	0.483	-.2950507	.1395374
31	-.1483985	.1047277	-1.42	0.157	-.3537319	.0569349
33	-.0128141	.0565158	-0.23	0.821	-.1236213	.0979931
35	-.1427649	.0812991	-1.76	0.079	-.3021632	.0166333
36	-.0214804	.0800546	-0.27	0.788	-.1784388	.135478
37	.1399126	.0696776	2.01	0.045	.0032998	.2765253
38	-.007975	.0504362	-0.16	0.874	-.1068624	.0909123
39	.0946615	.0962496	0.98	0.325	-.0940494	.2833723
42	.157687	.0899432	1.75	0.080	-.0186594	.3340334
43	-.3220664	.158657	-2.03	0.042	-.6331358	-.010997
46	.4743886	.0925397	5.13	0.000	.2929514	.6558258
47	-.0285601	.0561388	-0.51	0.611	-.1386282	.081508
49	0	(omitted)				
_cons	.1286789	.1231104	1.05	0.296	-.1126964	.3700543

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106 . reg replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minori
note: 49.state2 omitted because of collinearity
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Linear regression

Number of obs	=	3,552
F(46, 3505)	=	9.66
Prob > F	=	0.0000
R-squared	=	0.0973
Root MSE	=	.47601

replyinfo	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
gender2	.0598604	.0190487	3.14	0.002	.0225128	.097208
nl_totalbills	.0340944	.0136897	2.49	0.013	.0072537	.0609351
rep	-.0147515	.0219865	-0.67	0.502	-.0578592	.0283562
chamber2	.0240469	.0284612	0.84	0.398	-.0317554	.0798491
pleader	.0801638	.0622335	1.29	0.198	-.0418538	.2021815
commchair2	-.0104664	.0206804	-0.51	0.613	-.0510132	.0300805
yrserved2	-.0083944	.0023979	-3.50	0.000	-.0130958	-.0036931
minority	-.0385556	.0207511	-1.86	0.063	-.079241	.0021298
votepct3	-.0063452	.0043696	-1.45	0.147	-.0149123	.002222
reelection	.1211891	.0910999	1.33	0.184	-.057425	.2998032

mrp_mean	-.0522056	.0342742	-1.52	0.128	-.1194049	.0149937
totpop2	.0106483	.0185098	0.58	0.565	-.0256428	.0469394
incomex2	.0145961	.0050372	2.90	0.004	.00472	.0244722
leghire	.1088915	.0669667	1.63	0.104	-.0224062	.2401891
state2						
2	.2469653	.0840014	2.94	0.003	.0822687	.4116619
3	.0904412	.1090102	0.83	0.407	-.1232886	.3041711
5	-.1365904	.1172828	-1.16	0.244	-.3665398	.093359
6	.0071792	.0795819	0.09	0.928	-.1488523	.1632108
7	.0169533	.1090726	0.16	0.876	-.196899	.2308055
8	.3089358	.101501	3.04	0.002	.1099287	.5079428
9	.2713614	.0710914	3.82	0.000	.1319766	.4107461
10	.0731432	.0881387	0.83	0.407	-.0996651	.2459515
11	.0554976	.0743381	0.75	0.455	-.0902527	.2012478
12	.1965266	.1446505	1.36	0.174	-.0870812	.4801344
13	-.0347768	.0634055	-0.55	0.583	-.1590922	.0895385
14	-.0253932	.1009945	-0.25	0.801	-.2234072	.1726208
15	-.1291663	.0640743	-2.02	0.044	-.254793	-.0035396
16	-.0605089	.0927039	-0.65	0.514	-.2422679	.1212501
18	.187594	.0833804	2.25	0.025	.0241149	.3510731
20	.3299344	.087201	3.78	0.000	.1589645	.5009043
22	.1342104	.0604193	2.22	0.026	.0157499	.2526709
23	-.1362076	.0914313	-1.49	0.136	-.3154716	.0430563
25	.1872108	.0724936	2.58	0.010	.0450768	.3293447
27	.0823632	.0975372	0.84	0.398	-.1088723	.2735986
28	.0413139	.1083508	0.38	0.703	-.1711232	.253751
31	-.0720841	.1006856	-0.72	0.474	-.2694925	.1253243
33	.0680673	.0613589	1.11	0.267	-.0522354	.1883701
35	.0236786	.0828314	0.29	0.775	-.138724	.1860812
36	.0668137	.0903441	0.74	0.460	-.1103186	.243946
37	.2654112	.0774756	3.43	0.001	.1135093	.4173132
38	.1222064	.0547436	2.23	0.026	.0148737	.229539
39	.0036399	.094902	0.04	0.969	-.1824289	.1897087
42	.2177142	.0916329	2.38	0.018	.038055	.3973734
43	-.1010538	.1596989	-0.63	0.527	-.4141661	.2120584
46	.325233	.0853024	3.81	0.000	.1579856	.4924804
47	.1034576	.0610309	1.70	0.090	-.016202	.2231172
49	0	(omitted)				
_cons	.0301017	.1145866	0.26	0.793	-.1945614	.2547649

```
107 .
108 . *************************logistic regressions (appendix 1)
109 . *table 1
110 . logit reply2 gender2 rep chamber2 pleader commchair2 yrserved2 minority votepct3 ree

    note: 50.state2 omitted because of collinearity
```

```
Iteration 0:   log pseudolikelihood = -4375.5043
Iteration 1:   log pseudolikelihood = -4023.4636
Iteration 2:   log pseudolikelihood = -4021.7652
Iteration 3:   log pseudolikelihood = -4021.7648
Iteration 4:   log pseudolikelihood = -4021.7648

Logistic regression                               Number of obs     =      6,378
                                                  Wald chi2(59)     =     605.60
                                                  Prob > chi2       =     0.0000
Log pseudolikelihood = -4021.7648                 Pseudo R2         =     0.0808
```

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.2052378	.0646397	3.18	0.001	.0785464	.3319292
rep	.0917158	.0715997	1.28	0.200	-.048617	.2320487
chamber2	.307676	.0802782	3.83	0.000	.1503336	.4650183
pleader	.4230734	.1958776	2.16	0.031	.0391603	.8069865
commchair2	-.0124803	.065823	-0.19	0.850	-.1414911	.1165305
yrserved2	-.0346097	.007785	-4.45	0.000	-.0498681	-.0193513
minority	-.1555656	.0677466	-2.30	0.022	-.2883464	-.0227847
votepct3	-.0082509	.0140175	-0.59	0.556	-.0357247	.019223
reelection	-.1024936	.2895534	-0.35	0.723	-.6700078	.4650206
mrp_mean	.3011292	.1163254	2.59	0.010	.0731356	.5291227
totpop2	-.1232218	.0504861	-2.44	0.015	-.2221728	-.0242709
incomex2	.0238478	.0183273	1.30	0.193	-.0120731	.0597688
state2						
2	1.702603	.3856721	4.41	0.000	.9467	2.458507
3	.7195221	.3288365	2.19	0.029	.0750144	1.36403
4	.8441423	.2841428	2.97	0.003	.2872327	1.401052
5	1.295971	.4266228	3.04	0.002	.4598058	2.132136
6	.1777332	.3115285	0.57	0.568	-.4328514	.7883179
7	.2253151	.2779322	0.81	0.418	-.319422	.7700522
8	2.040664	.3839631	5.31	0.000	1.28811	2.793217
9	1.681946	.3030783	5.55	0.000	1.087924	2.275969
10	.8376385	.2625674	3.19	0.001	.3230159	1.352261
11	1.145654	.3323594	3.45	0.001	.4942418	1.797067
12	.7977112	.3005792	2.65	0.008	.2085868	1.386836
13	1.081119	.2855206	3.79	0.000	.521509	1.640729
14	-.9608796	.3225823	-2.98	0.003	-1.593129	-.3286299
15	.9057252	.277638	3.26	0.001	.3615647	1.449886
16	.3980851	.2758458	1.44	0.149	-.1425628	.9387329
17	.3262373	.2902615	1.12	0.261	-.2426648	.8951393
18	1.047161	.253694	4.13	0.000	.5499302	1.544392
19	.5474399	.2781434	1.97	0.049	.0022889	1.092591
20	2.285835	.2996136	7.63	0.000	1.698603	2.873067
21	1.793028	.2863201	6.26	0.000	1.231851	2.354205

22	2.045764	.3078834	6.64	0.000	1.442323	2.649204
23	.4969264	.2758488	1.80	0.072	-.0437273	1.03758
24	-.2020011	.2530446	-0.80	0.425	-.6979593	.2939572
25	1.920994	.2939111	6.54	0.000	1.344939	2.49705
26	.779975	.2977321	2.62	0.009	.1964308	1.363519
27	1.734361	.4277125	4.05	0.000	.8960595	2.572662
28	.6629586	.3709346	1.79	0.074	-.0640599	1.389977
29	.2670535	.2683094	1.00	0.320	-.2588232	.7929303
30	1.217008	.2893858	4.21	0.000	.6498219	1.784193
31	.8780917	.3027599	2.90	0.004	.2846931	1.47149
32	1.358415	.2839877	4.78	0.000	.8018093	1.915021
33	1.538637	.2904556	5.30	0.000	.9693546	2.10792
34	.6801258	.2847365	2.39	0.017	.1220525	1.238199
35	1.094104	.3568407	3.07	0.002	.3947087	1.793498
36	1.1629	.2830434	4.11	0.000	.6081451	1.717655
37	2.058075	.3528055	5.83	0.000	1.366589	2.749561
38	1.733775	.2687887	6.45	0.000	1.206958	2.260591
39	1.285928	.302348	4.25	0.000	.6933363	1.878519
41	.8181336	.306677	2.67	0.008	.2170577	1.419209
42	1.869718	.3048026	6.13	0.000	1.272316	2.46712
43	.9166992	.3005597	3.05	0.002	.327613	1.505785
44	1.328744	.3055556	4.35	0.000	.7298658	1.927622
45	.54485	.2960979	1.84	0.066	-.0354912	1.125191
46	2.098917	.2889219	7.26	0.000	1.53264	2.665193
47	1.591834	.2934268	5.42	0.000	1.016728	2.16694
48	.1137629	.2998925	0.38	0.704	-.4740157	.7015414
49	1.728993	.298594	5.79	0.000	1.14376	2.314227
50	0	(omitted)				
_cons	-.5773193	.2409157	-2.40	0.017	-1.049505	-.1051332

111 . logit replyinfo gender2 rep chamber2 pleader commchair2 yrserved2 minority votepct3

note: 50.state2 omitted because of collinearity
Iteration 0: log pseudolikelihood = **-4163.9904**
Iteration 1: log pseudolikelihood = **-3684.6829**
Iteration 2: log pseudolikelihood = **-3671.2585**
Iteration 3: log pseudolikelihood = **-3671.144**
Iteration 4: log pseudolikelihood = **-3671.1439**

Logistic regression — Number of obs = **6,378**
Wald chi2(**59**) = **791.95**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-3671.1439** — Pseudo R2 = **0.1184**

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]

gender2	.2874958	.0672149	4.28	0.000	.155757	.4192347
rep	-.1332725	.0777389	-1.71	0.086	-.285638	.0190929
chamber2	.2098066	.0854744	2.45	0.014	.0422799	.3773334
pleader	.4591553	.2102327	2.18	0.029	.0471068	.8712039
commchair2	-.0739474	.0691259	-1.07	0.285	-.2094317	.0615369
yrserved2	-.0436323	.0086836	-5.02	0.000	-.0606519	-.0266128
minority	-.1922526	.0721836	-2.66	0.008	-.3337298	-.0507753
votepct3	-.0205219	.0155314	-1.32	0.186	-.0509629	.009919
reelection	-.8466622	.4062723	-2.08	0.037	-1.642941	-.0503831
mrp_mean	-.0498029	.1205993	-0.41	0.680	-.2861731	.1865674
totpop2	-.0561035	.0504409	-1.11	0.266	-.1549658	.0427589
incomex2	.0887735	.0188494	4.71	0.000	.0518294	.1257175
state2						
2	2.501178	.4402572	5.68	0.000	1.638289	3.364066
3	1.760443	.4169035	4.22	0.000	.9433274	2.577559
4	.8470349	.3981632	2.13	0.033	.0666492	1.62742
5	1.845226	.5017869	3.68	0.000	.8617414	2.82871
6	1.333364	.40312	3.31	0.001	.5432629	2.123464
7	.6604782	.3870906	1.71	0.088	-.0982054	1.419162
8	2.601993	.4374569	5.95	0.000	1.744593	3.459393
9	2.504077	.3928439	6.37	0.000	1.734117	3.274037
10	1.502487	.3686598	4.08	0.000	.7799274	2.225047
11	2.066601	.4169655	4.96	0.000	1.249364	2.883839
12	1.173055	.4011507	2.92	0.003	.3868143	1.959296
13	1.604524	.3832197	4.19	0.000	.8534271	2.355621
14	.4524661	.4116681	1.10	0.272	-.3543886	1.259321
15	.9250906	.3878898	2.38	0.017	.1648406	1.685341
16	.5714967	.3948753	1.45	0.148	-.2024448	1.345438
17	.7144925	.4138954	1.73	0.084	-.0967275	1.525713
18	1.055663	.2834496	3.72	0.000	.5001123	1.611214
19	-.241991	.4348443	-0.56	0.578	-1.09427	.6102881
20	1.813614	.3025085	6.00	0.000	1.220709	2.40652
21	1.751721	.3756143	4.66	0.000	1.01553	2.487911
22	2.456351	.3840086	6.40	0.000	1.703708	3.208995
23	.7258636	.3878688	1.87	0.061	-.0343452	1.486072
24	-.8802974	.3676808	-2.39	0.017	-1.600939	-.1596562
25	2.161828	.3739913	5.78	0.000	1.428818	2.894837
26	1.218917	.394547	3.09	0.002	.4456193	1.992215
27	1.852615	.4498375	4.12	0.000	.9709502	2.734281
28	1.385691	.4627314	2.99	0.003	.4787544	2.292628
29	-.3304193	.4086621	-0.81	0.419	-1.131382	.4705437
30	.9977633	.3171378	3.15	0.002	.3761846	1.619342
31	1.36651	.4015258	3.40	0.001	.5795344	2.153486
32	1.812751	.3832084	4.73	0.000	1.061677	2.563826
33	2.040353	.3793586	5.38	0.000	1.296823	2.783882
34	-.1107061	.4473699	-0.25	0.805	-.987535	.7661228
35	1.921609	.4397424	4.37	0.000	1.059729	2.783488

36	1.658009	.3785244	4.38	0.000	.9161152	2.399903
37	2.636136	.4112914	6.41	0.000	1.83002	3.442253
38	2.445512	.3657585	6.69	0.000	1.728638	3.162386
39	1.190423	.3980299	2.99	0.003	.4102987	1.970547
41	.6483466	.4242907	1.53	0.126	-.1832479	1.479941
42	2.313841	.3834492	6.03	0.000	1.562295	3.065388
43	1.939268	.3978871	4.87	0.000	1.159424	2.719113
44	1.868411	.3902165	4.79	0.000	1.103601	2.633222
45	-.2022451	.4541259	-0.45	0.656	-1.092316	.6878253
46	1.703113	.2911177	5.85	0.000	1.132533	2.273693
47	2.312685	.3847815	6.01	0.000	1.558527	3.066843
48	.1171783	.4523206	0.26	0.796	-.7693538	1.00371
49	1.893746	.3822093	4.95	0.000	1.14463	2.642863
50	0	(omitted)				
_cons	-1.280012	.2763474	-4.63	0.000	-1.821643	-.7383807

112 . logit reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minorit

note: 50.state2 omitted because of collinearity
Iteration 0: log pseudolikelihood = -4296.7359
Iteration 1: log pseudolikelihood = -3932.7272
Iteration 2: log pseudolikelihood = -3931.0211
Iteration 3: log pseudolikelihood = -3931.0207
Iteration 4: log pseudolikelihood = -3931.0207

Logistic regression — Number of obs = 6,268
Wald chi2(60) = 627.37
Prob > chi2 = 0.0000
Log pseudolikelihood = -3931.0207 — Pseudo R2 = 0.0851

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.1875006	.0656252	2.86	0.004	.0588775	.3161236
nl_totalbills	.1898684	.0431647	4.40	0.000	.1052672	.2744696
rep	.1107742	.072274	1.53	0.125	-.0308801	.2524286
chamber2	.2331402	.082089	2.84	0.005	.0722488	.3940316
pleader	.3935121	.1961735	2.01	0.045	.0090192	.778005
commchair2	-.0451676	.0669224	-0.67	0.500	-.1763332	.085998
yrserved2	-.0353758	.0078424	-4.51	0.000	-.0507465	-.020005
minority	-.1716369	.0683578	-2.51	0.012	-.3056157	-.0376581
votepct3	-.0115889	.0141595	-0.82	0.413	-.039341	.0161632
reelection	-.199188	.2911773	-0.68	0.494	-.769885	.371509
mrp_mean	.3205672	.1175401	2.73	0.006	.0901928	.5509416
totpop2	-.1008424	.0504282	-2.00	0.046	-.1996798	-.0020049
incomex2	.0167817	.018469	0.91	0.364	-.0194168	.0529802

state2						
2	1.569576	.387471	4.05	0.000	.8101467	2.329005
3	.3776858	.3364559	1.12	0.262	-.2817557	1.037127
4	.6482186	.2875159	2.25	0.024	.0846979	1.211739
5	.6832046	.4443936	1.54	0.124	-.187791	1.5542
6	.1859968	.313242	0.59	0.553	-.4279461	.7999398
7	.6464586	.2919908	2.21	0.027	.0741671	1.21875
8	1.657372	.3932509	4.21	0.000	.8866141	2.428129
9	1.555157	.3033268	5.13	0.000	.9606477	2.149667
10	.5672657	.2694242	2.11	0.035	.039204	1.095327
11	.6312287	.3530144	1.79	0.074	-.0606669	1.323124
12	2.284731	.5564158	4.11	0.000	1.194176	3.375286
13	.6284425	.3049443	2.06	0.039	.0307628	1.226122
14	-1.132508	.323562	-3.50	0.000	-1.766678	-.498338
15	.7809647	.2787341	2.80	0.005	.2346559	1.327273
16	.3795509	.2758076	1.38	0.169	-.1610219	.9201238
17	.0586216	.2953916	0.20	0.843	-.5203354	.6375785
18	.709434	.2679081	2.65	0.008	.1843438	1.234524
19	.2961641	.2834965	1.04	0.296	-.2594789	.851807
20	1.8671	.3149955	5.93	0.000	1.24972	2.48448
21	1.385202	.3015343	4.59	0.000	.7942053	1.976198
22	1.568019	.3252784	4.82	0.000	.9304851	2.205553
23	.1350959	.2880439	0.47	0.639	-.4294598	.6996515
24	-.4677136	.2642984	-1.77	0.077	-.9857291	.0503018
25	2.019154	.2978795	6.78	0.000	1.435321	2.602988
26	.9372814	.298452	3.14	0.002	.3523262	1.522237
27	1.612082	.4319413	3.73	0.000	.765493	2.458672
28	.4133624	.3767081	1.10	0.273	-.324972	1.151697
29	.3966855	.2701831	1.47	0.142	-.1328637	.9262346
30	.9072495	.3245835	2.80	0.005	.2710776	1.543421
31	1.006814	.3027754	3.33	0.001	.4133847	1.600242
32	.7781902	.3135758	2.48	0.013	.1635929	1.392787
33	1.252668	.2970226	4.22	0.000	.670514	1.834821
34	.6137885	.2856255	2.15	0.032	.0539728	1.173604
35	.8595783	.3608846	2.38	0.017	.1522574	1.566899
36	.8399173	.2942085	2.85	0.004	.2632791	1.416555
37	2.062759	.3522387	5.86	0.000	1.372383	2.753134
38	1.177737	.2979002	3.95	0.000	.5938637	1.761611
39	1.042363	.3074088	3.39	0.001	.4398525	1.644873
41	.5377056	.3132231	1.72	0.086	-.0762005	1.151612
42	1.374187	.3284239	4.18	0.000	.7304878	2.017886
43	.4902864	.314832	1.56	0.119	-.1267729	1.107346
44	1.391382	.3058474	4.55	0.000	.7919324	1.990832
45	.226205	.3045729	0.74	0.458	-.3707469	.8231569
46	1.714573	.3028395	5.66	0.000	1.121019	2.308128
47	1.15874	.3094151	3.74	0.000	.5522979	1.765183
48	-.2154913	.3086835	-0.70	0.485	-.8204999	.3895173
49	1.22221	.319141	3.83	0.000	.5967054	1.847715

50	**0**	(omitted)				
_cons	**-.9335603**	**.2602218**	**-3.59**	**0.000**	**-1.443586**	**-.423535**

113 . logit replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 mino

note: 50.state2 omitted because of collinearity
Iteration 0: log pseudolikelihood = **-4099.9324**
Iteration 1: log pseudolikelihood = **-3616.073**
Iteration 2: log pseudolikelihood = **-3602.7328**
Iteration 3: log pseudolikelihood = **-3602.6205**
Iteration 4: log pseudolikelihood = **-3602.6204**

Logistic regression — Number of obs = **6,268**
Wald chi2(**60**) = **795.07**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-3602.6204** — Pseudo R2 = **0.1213**

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	**.270227**	**.0680237**	**3.97**	**0.000**	**.136903**	**.4035509**
nl_totalbills	**.1502683**	**.047343**	**3.17**	**0.002**	**.0574777**	**.2430589**
rep	**-.1171757**	**.0782692**	**-1.50**	**0.134**	**-.2705806**	**.0362292**
chamber2	**.1679185**	**.0871146**	**1.93**	**0.054**	**-.0028229**	**.33866**
pleader	**.4405757**	**.2107475**	**2.09**	**0.037**	**.0275182**	**.8536331**
commchair2	**-.091545**	**.0701336**	**-1.31**	**0.192**	**-.2290043**	**.0459142**
yrserved2	**-.043859**	**.0087482**	**-5.01**	**0.000**	**-.0610053**	**-.0267128**
minority	**-.1987106**	**.0726646**	**-2.73**	**0.006**	**-.3411307**	**-.0562905**
votepct3	**-.0240505**	**.0156968**	**-1.53**	**0.125**	**-.0548157**	**.0067147**
reelection	**-.9274689**	**.4074414**	**-2.28**	**0.023**	**-1.726039**	**-.1288985**
mrp_mean	**-.0387239**	**.1213015**	**-0.32**	**0.750**	**-.2764704**	**.1990226**
totpop2	**-.0459799**	**.0506569**	**-0.91**	**0.364**	**-.1452655**	**.0533057**
incomex2	**.0836266**	**.0189426**	**4.41**	**0.000**	**.0464999**	**.1207534**
state2						
2	**2.392022**	**.4424577**	**5.41**	**0.000**	**1.524821**	**3.259224**
3	**1.499562**	**.4248706**	**3.53**	**0.000**	**.6668311**	**2.332293**
4	**.713714**	**.4008677**	**1.78**	**0.075**	**-.0719723**	**1.4994**
5	**1.399875**	**.5190682**	**2.70**	**0.007**	**.3825201**	**2.41723**
6	**1.337717**	**.4043534**	**3.31**	**0.001**	**.545199**	**2.130235**
7	**.9923146**	**.3987341**	**2.49**	**0.013**	**.21081**	**1.773819**
8	**2.290946**	**.4482692**	**5.11**	**0.000**	**1.412355**	**3.169538**
9	**2.419818**	**.393676**	**6.15**	**0.000**	**1.648227**	**3.191409**
10	**1.308063**	**.3741155**	**3.50**	**0.000**	**.5748106**	**2.041316**
11	**1.654841**	**.4369882**	**3.79**	**0.000**	**.79836**	**2.511322**
12	**1.79985**	**.5564905**	**3.23**	**0.001**	**.7091489**	**2.890551**

13	1.25052	.4004065	3.12	0.002	.465738	2.035303
14	.3209807	.4124129	0.78	0.436	-.4873336	1.129295
15	.8230558	.3883169	2.12	0.034	.0619687	1.584143
16	.557847	.394762	1.41	0.158	-.2158723	1.331566
17	.4738812	.4214237	1.12	0.261	-.3520941	1.299856
18	.7869391	.2959694	2.66	0.008	.2068498	1.367028
19	-.4412812	.4400326	-1.00	0.316	-1.303729	.4211669
20	1.48063	.3187764	4.64	0.000	.8558394	2.10542
21	1.428637	.3907815	3.66	0.000	.6627192	2.194555
22	2.083381	.4007661	5.20	0.000	1.297894	2.868868
23	.4398517	.3981148	1.10	0.269	-.3404389	1.220142
24	-1.071353	.3766066	-2.84	0.004	-1.809488	-.3332175
25	2.249291	.3752628	5.99	0.000	1.513789	2.984792
26	1.341127	.3963497	3.38	0.001	.5642958	2.117958
27	1.693597	.4572591	3.70	0.000	.7973854	2.589808
28	1.193118	.4670995	2.55	0.011	.2776195	2.108616
29	-.2339106	.4101269	-0.57	0.568	-1.037744	.5699233
30	.7530798	.3475076	2.17	0.030	.0719774	1.434182
31	1.461952	.4025278	3.63	0.000	.673012	2.250892
32	1.361982	.4090612	3.33	0.001	.5602365	2.163727
33	1.817382	.3856196	4.71	0.000	1.061582	2.573183
34	-.1707815	.4482647	-0.38	0.703	-1.049364	.7078012
35	1.733677	.4438469	3.91	0.000	.8637533	2.603601
36	1.398718	.3878445	3.61	0.000	.6385566	2.158879
37	2.638517	.4119404	6.41	0.000	1.831129	3.445905
38	2.007974	.3919498	5.12	0.000	1.239766	2.776182
39	.995132	.4025953	2.47	0.013	.2060597	1.784204
41	.3871897	.433494	0.89	0.372	-.4624429	1.236822
42	1.921145	.4048231	4.75	0.000	1.127707	2.714584
43	1.621094	.4101046	3.95	0.000	.8173038	2.424884
44	1.917367	.389935	4.92	0.000	1.153108	2.681625
45	-.4560296	.4613412	-0.99	0.323	-1.360242	.4481827
46	1.401404	.3052892	4.59	0.000	.8030483	1.99976
47	1.973429	.3997384	4.94	0.000	1.189956	2.756902
48	-.1464843	.4610311	-0.32	0.751	-1.050089	.75712
49	1.496	.4033496	3.71	0.000	.7054495	2.286551
50	0	(omitted)				
_cons	-1.562497	.2999428	-5.21	0.000	-2.150374	-.9746197

```
114 .
115 . *table 2
116 . logit reply2 i.gender2##c.mrp_mean nl_totalbills rep chamber2 pleader commchair2 yrs

    note: 50.state2 omitted because of collinearity
    Iteration 0:   log pseudolikelihood = -4296.7359
    Iteration 1:   log pseudolikelihood = -3928.5386
    Iteration 2:   log pseudolikelihood = -3926.8127
```

```
Iteration 3:   log pseudolikelihood = -3926.8123
Iteration 4:   log pseudolikelihood = -3926.8123

Logistic regression                             Number of obs     =      6,268
                                                Wald chi2(61)     =     632.75
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -3926.8123               Pseudo R2         =     0.0861
```

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.2818461	.073915	3.81	0.000	.1369754	.4267169
mrp_mean	.1802059	.1264276	1.43	0.154	-.0675875	.4279994
gender2#c.mrp_mean						
1	.5534287	.1963851	2.82	0.005	.1685209	.9383364
nl_totalbills	.1938433	.0432401	4.48	0.000	.1090943	.2785923
rep	.1111672	.0722734	1.54	0.124	-.030486	.2528205
chamber2	.2349797	.0820259	2.86	0.004	.074212	.3957475
pleader	.4002999	.1954901	2.05	0.041	.0171463	.7834536
commchair2	-.0502391	.0670396	-0.75	0.454	-.1816344	.0811561
yrserved2	-.0351151	.0078452	-4.48	0.000	-.0504914	-.0197388
minority	-.1826268	.0684748	-2.67	0.008	-.3168349	-.0484187
votepct3	-.0094786	.0141857	-0.67	0.504	-.0372821	.0183248
reelection	-.2232948	.2896309	-0.77	0.441	-.7909608	.3443713
totpop2	-.1023061	.0501647	-2.04	0.041	-.2006271	-.0039851
incomex2	.0148613	.0184755	0.80	0.421	-.0213501	.0510726
state2						
2	1.566623	.38689	4.05	0.000	.8083326	2.324914
3	.3634324	.3342522	1.09	0.277	-.2916899	1.018555
4	.6302184	.286336	2.20	0.028	.0690103	1.191427
5	.6601059	.4422514	1.49	0.136	-.2066909	1.526903
6	.1863999	.3110436	0.60	0.549	-.4232344	.7960342
7	.6476049	.2904265	2.23	0.026	.0783794	1.21683
8	1.636468	.3922666	4.17	0.000	.8676399	2.405297
9	1.541178	.301774	5.11	0.000	.9497117	2.132644
10	.5694057	.267996	2.12	0.034	.0441431	1.094668
11	.5999753	.35209	1.70	0.088	-.0901085	1.290059
12	2.276695	.5558019	4.10	0.000	1.187343	3.366047
13	.622779	.3032776	2.05	0.040	.0283658	1.217192
14	-1.143444	.3220569	-3.55	0.000	-1.774664	-.5122241
15	.7788657	.2771836	2.81	0.005	.2355958	1.322136
16	.3730869	.274661	1.36	0.174	-.1652387	.9114125
17	.048555	.2937453	0.17	0.869	-.5271751	.6242851
18	.7023862	.2673318	2.63	0.009	.1784254	1.226347
19	.2837616	.281837	1.01	0.314	-.2686287	.836152

20	1.851609	.3151339	5.88	0.000	1.233958	2.46926
21	1.36864	.2997656	4.57	0.000	.7811098	1.956169
22	1.558687	.323637	4.82	0.000	.9243699	2.193004
23	.127972	.2865257	0.45	0.655	-.4336082	.6895521
24	-.487673	.2639578	-1.85	0.065	-1.005021	.0296747
25	2.02498	.2963327	6.83	0.000	1.444178	2.605781
26	.9270895	.2973414	3.12	0.002	.3443111	1.509868
27	1.62665	.4315529	3.77	0.000	.7808222	2.472478
28	.3950706	.3769326	1.05	0.295	-.3437036	1.133845
29	.3955247	.2686034	1.47	0.141	-.1309284	.9219777
30	.8874699	.3237219	2.74	0.006	.2529865	1.521953
31	1.000345	.3018868	3.31	0.001	.4086576	1.592032
32	.7652656	.312097	2.45	0.014	.1535668	1.376964
33	1.246686	.295735	4.22	0.000	.667056	1.826316
34	.6080293	.2845534	2.14	0.033	.0503148	1.165744
35	.8681883	.3618537	2.40	0.016	.158968	1.577409
36	.8455952	.2936555	2.88	0.004	.2700411	1.421149
37	2.072572	.3512138	5.90	0.000	1.384206	2.760939
38	1.161809	.2962142	3.92	0.000	.5812403	1.742378
39	1.028587	.3067255	3.35	0.001	.4274157	1.629758
41	.5330199	.3129377	1.70	0.089	-.0803267	1.146367
42	1.378695	.328354	4.20	0.000	.7351329	2.022257
43	.4911044	.3129458	1.57	0.117	-.1222581	1.104467
44	1.413181	.305078	4.63	0.000	.8152394	2.011123
45	.24113	.3034344	0.79	0.427	-.3535906	.8358506
46	1.682663	.3024973	5.56	0.000	1.089779	2.275547
47	1.157061	.3078791	3.76	0.000	.5536287	1.760493
48	-.2137826	.307134	-0.70	0.486	-.8157542	.3881889
49	1.21	.3181297	3.80	0.000	.5864776	1.833523
50	0	(omitted)				
_cons	-.9282434	.2603227	-3.57	0.000	-1.438467	-.4180202

```
117 . logit replyinfo i.gender2##c.mrp_mean nl_totalbills rep chamber2 pleader commchair2

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -4099.9324
Iteration 1:   log pseudolikelihood = -3611.2547
Iteration 2:   log pseudolikelihood = -3597.8632
Iteration 3:   log pseudolikelihood = -3597.7489
Iteration 4:   log pseudolikelihood = -3597.7489

Logistic regression                             Number of obs     =      6,268
                                                Wald chi2(61)     =     806.86
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -3597.7489               Pseudo R2         =     0.1225
```

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.366904	.0737837	4.97	0.000	.2222905	.5115175
mrp_mean	-.2018868	.1300908	-1.55	0.121	-.4568601	.0530865
gender2#c.mrp_mean						
1	.6051785	.1953453	3.10	0.002	.2223088	.9880482
nl_totalbills	.1551729	.0474207	3.27	0.001	.06223	.2481157
rep	-.1157686	.0781924	-1.48	0.139	-.2690228	.0374856
chamber2	.169613	.0871083	1.95	0.052	-.0011161	.3403421
pleader	.4485669	.2102274	2.13	0.033	.0365288	.8606051
commchair2	-.0956332	.0703119	-1.36	0.174	-.233442	.0421756
yrserved2	-.0435469	.0087543	-4.97	0.000	-.060705	-.0263887
minority	-.2080104	.0727732	-2.86	0.004	-.3506433	-.0653776
votepct3	-.0216083	.0157017	-1.38	0.169	-.0523831	.0091665
reelection	-.9572307	.4078666	-2.35	0.019	-1.756635	-.1578268
totpop2	-.0473359	.0505042	-0.94	0.349	-.1463223	.0516506
incomex2	.081135	.0189485	4.28	0.000	.0439966	.1182734
state2						
2	2.393697	.4426654	5.41	0.000	1.526089	3.261305
3	1.488719	.4241061	3.51	0.000	.657486	2.319951
4	.6903463	.4007587	1.72	0.085	-.0951264	1.475819
5	1.375053	.5183072	2.65	0.008	.3591898	2.390917
6	1.345008	.4034378	3.33	0.001	.5542842	2.135731
7	1.00007	.3984423	2.51	0.012	.2191375	1.781003
8	2.270843	.447894	5.07	0.000	1.392987	3.148699
9	2.408138	.3933337	6.12	0.000	1.637218	3.179057
10	1.314132	.3738215	3.52	0.000	.5814551	2.046808
11	1.623377	.4367983	3.72	0.000	.7672682	2.479486
12	1.795171	.5583791	3.21	0.001	.7007684	2.889574
13	1.246922	.3994689	3.12	0.002	.4639776	2.029867
14	.3123867	.4122073	0.76	0.449	-.4955249	1.120298
15	.8226885	.3879622	2.12	0.034	.0622966	1.583081
16	.5541503	.3944448	1.40	0.160	-.2189474	1.327248
17	.4629482	.4220976	1.10	0.273	-.3643479	1.290244
18	.7785222	.2973562	2.62	0.009	.1957148	1.36133
19	-.449587	.4396917	-1.02	0.307	-1.311367	.4121928
20	1.461417	.320054	4.57	0.000	.8341231	2.088712
21	1.41517	.3903678	3.63	0.000	.6500635	2.180277
22	2.07641	.4001381	5.19	0.000	1.292153	2.860666
23	.4369685	.3971553	1.10	0.271	-.3414417	1.215379
24	-1.096621	.3782577	-2.90	0.004	-1.837992	-.3552492
25	2.258685	.3749978	6.02	0.000	1.523703	2.993667
26	1.334065	.3961744	3.37	0.001	.5575771	2.110552
27	1.713111	.4575515	3.74	0.000	.8163264	2.609895
28	1.177235	.4678344	2.52	0.012	.2602967	2.094174

29	-.2282364	.4094012	-0.56	0.577	-1.030648	.5741752
30	.7316895	.3478561	2.10	0.035	.049904	1.413475
31	1.459094	.4026372	3.62	0.000	.6699399	2.248249
32	1.348821	.4086144	3.30	0.001	.5479519	2.149691
33	1.813018	.3851362	4.71	0.000	1.058165	2.567871
34	-.1783915	.4485418	-0.40	0.691	-1.057517	.7007342
35	1.746587	.4456403	3.92	0.000	.8731486	2.620026
36	1.40771	.3884311	3.62	0.000	.6463992	2.169021
37	2.652233	.4120275	6.44	0.000	1.844674	3.459792
38	1.991818	.391342	5.09	0.000	1.224801	2.758834
39	.9849992	.4019179	2.45	0.014	.1972546	1.772744
41	.3819367	.4333302	0.88	0.378	-.4673749	1.231248
42	1.92801	.4049824	4.76	0.000	1.134259	2.72176
43	1.626014	.4095832	3.97	0.000	.8232452	2.428782
44	1.946734	.3901602	4.99	0.000	1.182034	2.711434
45	-.4281701	.4595657	-0.93	0.351	-1.328902	.4725622
46	1.367844	.3062899	4.47	0.000	.7675265	1.968161
47	1.972191	.3991339	4.94	0.000	1.189903	2.754479
48	-.1425578	.4615337	-0.31	0.757	-1.047147	.7620316
49	1.484984	.4030619	3.68	0.000	.6949977	2.274971
50	0	(omitted)				
_cons	-1.560901	.3010363	-5.19	0.000	-2.150921	-.9708808

118 . logit reply2 i.gender2##c.wfd_scale nl_totalbills rep chamber2 pleader commchair2 y

note: 46.state2 omitted because of collinearity
Iteration 0: log pseudolikelihood = -2683.3835
Iteration 1: log pseudolikelihood = -2459.0242
Iteration 2: log pseudolikelihood = -2458.036
Iteration 3: log pseudolikelihood = -2458.0358

Logistic regression Number of obs = 3,913
  Wald chi2(53) = 376.71
  Prob > chi2 = 0.0000
Log pseudolikelihood = -2458.0358 Pseudo R2 = 0.0840

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.7385665	.2229308	3.31	0.001	.3016301	1.175503
wfd_scale	.0032344	.0170547	0.19	0.850	-.0301922	.036661
gender2#c.wfd_scale						
1	-.0892657	.0316923	-2.82	0.005	-.1513814	-.02715
nl_totalbills	.172488	.0590167	2.92	0.003	.0568174	.2881586

rep	.1528581	.0894048	1.71	0.087	-.0223722	.3280883
chamber2	.1313417	.1123075	1.17	0.242	-.088777	.3514603
pleader	.3648386	.229489	1.59	0.112	-.0849516	.8146288
commchair2	-.0627401	.084814	-0.74	0.459	-.2289725	.1034923
yrserved2	-.0434326	.0103383	-4.20	0.000	-.0636954	-.0231699
minority	-.2027296	.0868567	-2.33	0.020	-.3729656	-.0324936
votepct3	-.0193843	.0189728	-1.02	0.307	-.0565703	.0178016
reelection	-.6291626	.568981	-1.11	0.269	-1.744345	.4860197
totpop2	.0236032	.0739796	0.32	0.750	-.1213941	.1686004
incomex2	.012617	.0239719	0.53	0.599	-.0343671	.0596011
state2						
3	-1.051	.6410337	-1.64	0.101	-2.307403	.2054031
4	-.7011736	.5563891	-1.26	0.208	-1.791676	.3893289
5	-1.346609	.7332354	-1.84	0.066	-2.783724	.0905056
6	-1.276532	.5781595	-2.21	0.027	-2.409704	-.1433602
7	-.7311251	.5711884	-1.28	0.201	-1.850634	.3883837
8	.5076043	.6323652	0.80	0.422	-.7318087	1.747017
10	-.677922	.5480236	-1.24	0.216	-1.752029	.3961845
11	-.6808725	.5914269	-1.15	0.250	-1.840048	.4783029
12	1.168833	.8272658	1.41	0.158	-.4525782	2.790244
13	-.748736	.5664946	-1.32	0.186	-1.859045	.361573
14	-2.35515	.5767294	-4.08	0.000	-3.485519	-1.224782
15	-.4167527	.5506275	-0.76	0.449	-1.495963	.6624573
16	-.8670725	.5535741	-1.57	0.117	-1.952058	.2179128
17	-1.136393	.5592859	-2.03	0.042	-2.232574	-.0402131
19	-1.028459	.5532372	-1.86	0.063	-2.112784	.0558658
22	.3687792	.5847871	0.63	0.528	-.7773825	1.514941
23	-1.060818	.5554954	-1.91	0.056	-2.149569	.0279329
25	.6843008	.5658517	1.21	0.227	-.4247483	1.79335
26	-.5434271	.5799596	-0.94	0.349	-1.680127	.5932728
28	-.6119595	.613758	-1.00	0.319	-1.814903	.590984
29	-.1813447	.7049223	-0.26	0.797	-1.562967	1.200278
30	-1.13976	.3717459	-3.07	0.002	-1.868369	-.4111513
31	-.3194106	.5731465	-0.56	0.577	-1.442757	.8039358
32	-.6507617	.5736605	-1.13	0.257	-1.775116	.4735922
33	-.0329923	.5610726	-0.06	0.953	-1.132674	1.06669
34	-.8380782	.5759577	-1.46	0.146	-1.966935	.2907782
35	-.546658	.6113937	-0.89	0.371	-1.744968	.6516517
36	-.2319666	.5652782	-0.41	0.682	-1.339892	.8759583
37	.5860572	.591311	0.99	0.322	-.572891	1.745005
38	.2145167	.5839997	0.37	0.713	-.9301016	1.359135
39	-.3328522	.5615528	-0.59	0.553	-1.433476	.7677711
41	-.6894145	.5790017	-1.19	0.234	-1.824237	.4454079
42	.1260429	.5813755	0.22	0.828	-1.013432	1.265518
43	-.8655273	.6012062	-1.44	0.150	-2.04387	.3128152
44	.1718925	.5720249	0.30	0.764	-.9492556	1.293041
46	0	(omitted)				
47	-.4872535	.5875663	-0.83	0.407	-1.638862	.6643553

48	-1.420338	.5714194	-2.49	0.013	-2.5403	-.3003766
49	-.3511526	.5974312	-0.59	0.557	-1.522096	.8197909
50	-1.203476	.5734884	-2.10	0.036	-2.327492	-.0794591
_cons	.871436	.4245413	2.05	0.040	.0393503	1.703522

```
119 . logit replyinfo i.gender2##c.wfd_scale nl_totalbills rep chamber2 pleader commchair2

note: 46.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -2551.7894
Iteration 1:   log pseudolikelihood = -2290.2351
Iteration 2:   log pseudolikelihood = -2283.6751
Iteration 3:   log pseudolikelihood = -2283.6205
Iteration 4:   log pseudolikelihood = -2283.6204

Logistic regression                             Number of obs     =      3,913
                                                Wald chi2(53)     =     447.71
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -2283.6204               Pseudo R2         =     0.1051
```

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.8370459	.2262856	3.70	0.000	.3935343	1.280557
wfd_scale	.0861369	.0183257	4.70	0.000	.0502192	.1220546
gender2#c.wfd_scale						
1	-.0972979	.0319849	-3.04	0.002	-.1599872	-.0346086
nl_totalbills	.1832565	.0612236	2.99	0.003	.0632604	.3032526
rep	.0228323	.0970453	0.24	0.814	-.1673729	.2130375
chamber2	.0840417	.1210845	0.69	0.488	-.1532796	.3213629
pleader	.4006351	.2457568	1.63	0.103	-.0810393	.8823096
commchair2	-.0136019	.0888442	-0.15	0.878	-.1877334	.1605295
yrserved2	-.0427153	.0110798	-3.86	0.000	-.0644313	-.0209992
minority	-.0496383	.0925952	-0.54	0.592	-.2311216	.131845
votepct3	-.0352253	.0207391	-1.70	0.089	-.0758732	.0054226
reelection	-.4376294	.5373946	-0.81	0.415	-1.490903	.6156446
totpop2	.0556272	.0762927	0.73	0.466	-.0939037	.205158
incomex2	.0493109	.0247667	1.99	0.046	.000769	.0978527
state2						
3	-.5109713	.6311607	-0.81	0.418	-1.748023	.7260809
4	-1.053401	.5469881	-1.93	0.054	-2.125478	.0186759
5	-.99396	.7379311	-1.35	0.178	-2.440278	.4523583
6	-.5980215	.5600613	-1.07	0.286	-1.695721	.4996784
7	-.7617886	.5588914	-1.36	0.173	-1.857196	.3336185

8	.6043198	.5933966	1.02	0.308	-.558716	1.767356
10	-.5227711	.5315465	-0.98	0.325	-1.564583	.5190408
11	-.1702076	.5731443	-0.30	0.766	-1.29355	.9531345
12	.0867154	.7399149	0.12	0.907	-1.363491	1.536922
13	-.6469678	.5507887	-1.17	0.240	-1.726494	.4325583
14	-1.23812	.5533009	-2.24	0.025	-2.32257	-.15367
15	-.7560027	.5366473	-1.41	0.159	-1.807812	.2958067
16	-1.040453	.5470071	-1.90	0.057	-2.112567	.0316611
17	-1.223753	.5649022	-2.17	0.030	-2.33094	-.1165647
19	-2.206156	.5912507	-3.73	0.000	-3.364986	-1.047326
22	.2649244	.5506549	0.48	0.630	-.8143393	1.344188
23	-1.105233	.5461984	-2.02	0.043	-2.175762	-.0347036
25	.6084534	.5344482	1.14	0.255	-.4390459	1.655953
26	-.5335259	.5707397	-0.93	0.350	-1.652155	.5851035
28	-.5254078	.6030718	-0.87	0.384	-1.707407	.6565912
29	-1.418667	.7482975	-1.90	0.058	-2.885303	.0479692
30	-.9146565	.3559188	-2.57	0.010	-1.612244	-.2170685
31	-.275138	.5585593	-0.49	0.622	-1.369894	.8196181
32	-.6096888	.559182	-1.09	0.276	-1.705665	.4862878
33	-.0888985	.5363661	-0.17	0.868	-1.140157	.9623598
34	-1.95007	.6487119	-3.01	0.003	-3.221522	-.6786178
35	-.1438381	.5974365	-0.24	0.810	-1.314792	1.027116
36	-.3684542	.5444914	-0.68	0.499	-1.435638	.6987293
37	.7736489	.558794	1.38	0.166	-.3215672	1.868865
38	.3291536	.5584193	0.59	0.556	-.7653282	1.423635
39	-.7541485	.5443423	-1.39	0.166	-1.82104	.3127427
41	-1.256302	.5889194	-2.13	0.033	-2.410563	-.1020413
42	.0848151	.5531867	0.15	0.878	-.9994109	1.169041
43	-.3446947	.5884926	-0.59	0.558	-1.498119	.8087296
44	.2713377	.5445228	0.50	0.618	-.7959075	1.338583
46	0	(omitted)				
47	-.2269744	.5728027	-0.40	0.692	-1.349647	.8956982
48	-1.839097	.6098692	-3.02	0.003	-3.034419	-.6437757
49	-.4295367	.5859597	-0.73	0.464	-1.577997	.7189232
50	-1.40118	.6042237	-2.32	0.020	-2.585437	-.2169233
_cons	-.8501495	.4235972	-2.01	0.045	-1.680385	-.0199142

```
120 . logit reply2 i.gender2##c.femchamber nl_totalbills rep chamber2 pleader commchair2 y

    Iteration 0:   log pseudolikelihood = -4296.7359
    Iteration 1:   log pseudolikelihood = -4197.4397
    Iteration 2:   log pseudolikelihood = -4197.3457
    Iteration 3:   log pseudolikelihood = -4197.3457

    Logistic regression                             Number of obs     =      6,268
                                                    Wald chi2(15)     =     192.40
                                                    Prob > chi2       =     0.0000
```

```
Log pseudolikelihood = -4197.3457                 Pseudo R2         =     0.0231
```

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.3893728	.2113174	1.84	0.065	-.0248018	.8035473
femchamber	.1010828	.4301348	0.24	0.814	-.7419659	.9441315
gender2#c.femchamber						
1	-.8610012	.787325	-1.09	0.274	-2.40413	.6821274
nl_totalbills	.2087222	.0202923	10.29	0.000	.16895	.2484944
rep	.063808	.0679915	0.94	0.348	-.069453	.197069
chamber2	.2399489	.0658773	3.64	0.000	.1108318	.3690661
pleader	.4284978	.1973976	2.17	0.030	.0416055	.81539
commchair2	-.0673486	.0608238	-1.11	0.268	-.186561	.0518638
yrserved2	-.0462178	.0071057	-6.50	0.000	-.0601447	-.0322909
minority	-.1986163	.0633247	-3.14	0.002	-.3227304	-.0745022
votepct3	.0105338	.011479	0.92	0.359	-.0119645	.0330322
reelection	-.175299	.0783418	-2.24	0.025	-.3288461	-.0217519
mrp_mean	.1244568	.0982868	1.27	0.205	-.0681818	.3170954
totpop2	-.0647581	.0250844	-2.58	0.010	-.1139227	-.0155935
incomex2	.0617879	.0156904	3.94	0.000	.0310353	.0925405
_cons	-.6374263	.1938019	-3.29	0.001	-1.017271	-.2575817

```
121 . logit replyinfo i.gender2##c.femchamber nl_totalbills rep chamber2 pleader commchair

Iteration 0:   log pseudolikelihood = -4099.9324
Iteration 1:   log pseudolikelihood = -3929.8776
Iteration 2:   log pseudolikelihood = -3928.7917
Iteration 3:   log pseudolikelihood = -3928.7914

Logistic regression                               Number of obs     =      6,268
                                                  Wald chi2(15)     =     308.60
                                                  Prob > chi2       =     0.0000
Log pseudolikelihood = -3928.7914                 Pseudo R2         =     0.0417
```

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.3661747	.2079979	1.76	0.078	-.0414936	.773843
femchamber	.3392672	.4399152	0.77	0.441	-.5229508	1.201485
gender2#c.femchamber						
1	-.4502196	.7775088	-0.58	0.563	-1.974109	1.07367

nl_totalbills	.2169762	.0226635	9.57	0.000	.1725566	.2613957
rep	-.1640014	.0705467	-2.32	0.020	-.3022703	-.0257325
chamber2	.0431842	.0687085	0.63	0.530	-.0914819	.1778504
pleader	.488338	.1919744	2.54	0.011	.1120751	.864601
commchair2	-.0625484	.0638065	-0.98	0.327	-.1876068	.0625101
yrserved2	-.0539742	.0078179	-6.90	0.000	-.069297	-.0386513
minority	-.1731109	.0656044	-2.64	0.008	-.3016931	-.0445286
votepct3	.0384735	.0116182	3.31	0.001	.0157022	.0612448
reelection	-.3539791	.0796598	-4.44	0.000	-.5101095	-.1978487
mrp_mean	.0319057	.1023291	0.31	0.755	-.1686556	.232467
totpop2	.1128762	.0274004	4.12	0.000	.0591723	.16658
incomex2	.1179505	.0157821	7.47	0.000	.0870181	.1488829
_cons	-1.916598	.2008265	-9.54	0.000	-2.310211	-1.522985

```
122 . logit reply2 i.gender2##c.ratiofemcommchair2 nl_totalbills rep chamber2 pleader yrse

Iteration 0:   log pseudolikelihood = -4229.6221
Iteration 1:   log pseudolikelihood = -4137.2618
Iteration 2:   log pseudolikelihood = -4137.1886
Iteration 3:   log pseudolikelihood = -4137.1886

Logistic regression                             Number of obs     =      6,171
                                                Wald chi2(14)     =     178.85
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -4137.1886               Pseudo R2         =     0.0219
```

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf. I
1.gender2	.209899	.1298603	1.62	0.106	-.0446225
ratiofemcommchair2	.1172811	.2769165	0.42	0.672	-.4254653
gender2#c.ratiofemcommchair2					
1	-.2306049	.4918821	-0.47	0.639	-1.194676
nl_totalbills	.2058839	.0202153	10.18	0.000	.1662627
rep	.0590567	.0682664	0.87	0.387	-.074743
chamber2	.2286281	.0663094	3.45	0.001	.098664
pleader	.4394403	.1989512	2.21	0.027	.0495032
yrserved2	-.0451447	.0071187	-6.34	0.000	-.059097
minority	-.1709709	.0586982	-2.91	0.004	-.2860173
votepct3	.0105831	.0113846	0.93	0.353	-.0117304
reelection	-.1240494	.0787489	-1.58	0.115	-.2783944
mrp_mean	.1393229	.0969426	1.44	0.151	-.0506811
totpop2	-.073787	.0249808	-2.95	0.003	-.1227484
incomex2	.0604647	.0157168	3.85	0.000	.0296603
_cons	-.6883234	.1742715	-3.95	0.000	-1.029889

```
123 . logit replyinfo i.gender2##c.ratiofemcommchair2 nl_totalbills rep chamber2 pleader y

Iteration 0:   log pseudolikelihood = -4035.3633
Iteration 1:   log pseudolikelihood = -3875.2701
Iteration 2:   log pseudolikelihood =  -3874.254
Iteration 3:   log pseudolikelihood = -3874.2537

Logistic regression                             Number of obs     =      6,171
                                                Wald chi2(14)     =     292.87
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -3874.2537               Pseudo R2         =     0.0399

------------------------------------------------------------------------------
             |               Robust
   replyinfo |      Coef.   Std. Err.      z    P>|z|     [95% Conf. I
-------------+----------------------------------------------------------------
    1.gender2 |   .2646696   .1319888     2.01   0.045     .0059764
ratiofemcommchair2 |   .3020516   .2872834     1.05   0.293    -.2610135
             |
gender2#c.ratiofemcommchair2 |
          1  |  -.0945714   .4948889    -0.19   0.848    -1.064536
             |
nl_totalbills |    .212329   .0226566     9.37   0.000     .1679228
         rep |  -.1632168   .0707137    -2.31   0.021    -.3018131   -
    chamber2 |   .0312503   .0688918     0.45   0.650    -.1037752
     pleader |   .4953149   .1924982     2.57   0.010     .1180254
   yrserved2 |  -.0532194    .007835    -6.79   0.000    -.0685757   -
    minority |  -.1543313   .0610273    -2.53   0.011    -.2739427   -
    votepct3 |   .0375382   .0115149     3.26   0.001     .0149695
  reelection |  -.2960341   .0804145    -3.68   0.000    -.4536437   -
    mrp_mean |   .0479657    .100781     0.48   0.634    -.1495613
     totpop2 |    .102275   .0269538     3.79   0.000     .0494464
     incomex2 |   .1198001   .0158142     7.58   0.000     .0888049
        _cons |  -1.954445   .1822762   -10.72   0.000      -2.3117
------------------------------------------------------------------------------

124 .
125 . *table 3
126 . *in legislatures with no staff
127 . logit reply2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 minorit

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -1326.6073
Iteration 1:   log pseudolikelihood =  -1236.613
Iteration 2:   log pseudolikelihood = -1235.5001
Iteration 3:   log pseudolikelihood = -1235.4934
Iteration 4:   log pseudolikelihood = -1235.4934
```

Logistic regression — Number of obs = **1,932**
Wald chi2(**28**) = **149.27**
Prob > chi2 = **0.0000**
Log pseudolikelihood = **-1235.4934** — Pseudo R2 = **0.0687**

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.2460252	.1216945	2.02	0.043	.0075085	.484542
nl_totalbills	.3833804	.0800287	4.79	0.000	.226527	.5402338
rep	.0206644	.135199	0.15	0.879	-.2443208	.2856497
chamber2	.2606262	.1796377	1.45	0.147	-.0914572	.6127095
pleader	-.2749333	.3551514	-0.77	0.439	-.9710172	.4211506
commchair2	-.0851915	.1175158	-0.72	0.468	-.3155181	.1451352
yrserved2	-.0389888	.0143972	-2.71	0.007	-.0672068	-.0107708
minority	-.1300988	.1327097	-0.98	0.327	-.390205	.1300074
votepct3	.019726	.0222799	0.89	0.376	-.0239418	.0633937
reelection	-.4178349	.3596247	-1.16	0.245	-1.122686	.2870165
mrp_mean	.351784	.234294	1.50	0.133	-.1074237	.8109917
totpop2	-.0289393	.3172972	-0.09	0.927	-.6508304	.5929518
incomex2	.0405093	.0432336	0.94	0.349	-.044227	.1252455
state2						
3	-.1700665	.7334865	-0.23	0.817	-1.607674	1.267541
4	.4297274	.3271248	1.31	0.189	-.2114254	1.07088
14	-1.640051	.4611624	-3.56	0.000	-2.543913	-.7361897
17	-.2321723	.3648894	-0.64	0.525	-.9473424	.4829977
19	.055528	.3159762	0.18	0.861	-.563774	.67483
24	-.918762	.3136612	-2.93	0.003	-1.533527	-.3039973
26	1.114705	.3106372	3.59	0.000	.5058671	1.723542
29	.590678	.3012661	1.96	0.050	.0002074	1.181149
31	1.363959	.3751649	3.64	0.000	.6286497	2.099269
34	.6330164	.297831	2.13	0.034	.0492784	1.216754
36	.463622	.3666676	1.26	0.206	-.2550333	1.182277
41	.364088	.3404072	1.07	0.285	-.3030979	1.031274
44	1.448499	.3362629	4.31	0.000	.7894356	2.107562
45	-.1152774	.359135	-0.32	0.748	-.819169	.5886141
48	-.4619911	.3710248	-1.25	0.213	-1.189186	.265204
50	0	(omitted)				
_cons	-1.547465	.4263823	-3.63	0.000	-2.383159	-.7117713

```
128 . logit replyinfo gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 mino

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -901.93963
```

```
Iteration 1:   log pseudolikelihood = -821.38052
Iteration 2:   log pseudolikelihood = -812.02839
Iteration 3:   log pseudolikelihood = -811.96537
Iteration 4:   log pseudolikelihood = -811.96533

Logistic regression                             Number of obs     =      1,932
                                                Wald chi2(28)     =     161.91
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -811.96533               Pseudo R2         =     0.0998
```

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.3074441	.1540638	2.00	0.046	.0054847	.6094035
nl_totalbills	.2057815	.1052123	1.96	0.050	-.0004308	.4119938
rep	-.7552546	.2104097	-3.59	0.000	-1.16765	-.3428592
chamber2	-.0562678	.233787	-0.24	0.810	-.5144818	.4019462
pleader	.0185728	.4496243	0.04	0.967	-.8626746	.8998202
commchair2	-.1329844	.1443087	-0.92	0.357	-.4158243	.1498555
yrserved2	-.0767342	.0236846	-3.24	0.001	-.1231551	-.0303133
minority	-.5268409	.2129983	-2.47	0.013	-.9443098	-.1093719
votepct3	.0405582	.0318485	1.27	0.203	-.0218638	.1029801
reelection	-.7936047	.489949	-1.62	0.105	-1.753887	.1666777
mrp_mean	.3240525	.2910472	1.11	0.266	-.2463896	.8944946
totpop2	.3442893	.40023	0.86	0.390	-.4401471	1.128726
incomex2	.1502236	.0575235	2.61	0.009	.0374797	.2629675
state2						
3	.7573761	.903233	0.84	0.402	-1.012928	2.52768
4	.4858557	.4580277	1.06	0.289	-.4118622	1.383574
14	-.4282768	.5732892	-0.75	0.455	-1.551903	.6953495
17	.1812489	.5220815	0.35	0.728	-.842012	1.20451
19	-.5237526	.4789665	-1.09	0.274	-1.46251	.4150045
24	-1.074867	.4442777	-2.42	0.016	-1.945635	-.2040987
26	1.464707	.4145242	3.53	0.000	.6522544	2.277159
29	-.0612171	.4549329	-0.13	0.893	-.9528691	.8304349
31	1.75064	.4770183	3.67	0.000	.8157016	2.685579
34	.0619897	.4613013	0.13	0.893	-.8421442	.9661236
36	1.038049	.4879962	2.13	0.033	.0815939	1.994504
41	.443211	.4717345	0.94	0.347	-.4813716	1.367794
44	1.794724	.4329553	4.15	0.000	.9461471	2.643301
45	-.5658829	.5520491	-1.03	0.305	-1.647879	.5161133
48	-.1583611	.5664018	-0.28	0.780	-1.268488	.951766
50	0	(omitted)				
_cons	-2.025411	.5666945	-3.57	0.000	-3.136112	-.9147102

```
129 .
130 . *excluding staff replies
131 . logit replyleg2 gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2 mino

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -2540.2388
Iteration 1:   log pseudolikelihood = -2344.0796
Iteration 2:   log pseudolikelihood = -2332.2201
Iteration 3:   log pseudolikelihood = -2332.1328
Iteration 4:   log pseudolikelihood = -2332.1328

Logistic regression                             Number of obs     =      4,809
                                                Wald chi2(60)     =     351.07
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -2332.1328               Pseudo R2         =     0.0819
```

replyleg2info	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.2171203	.0876091	2.48	0.013	.0454095	.388831
nl_totalbills	.156089	.0592931	2.63	0.008	.0398767	.2723014
rep	-.2133304	.0991921	-2.15	0.032	-.4077434	-.0189173
chamber2	-.1250092	.1156149	-1.08	0.280	-.3516102	.1015919
pleader	.5269158	.2578539	2.04	0.041	.0215314	1.0323
commchair2	-.0773365	.090062	-0.86	0.391	-.2538549	.0991818
yrserved2	-.0612244	.0123643	-4.95	0.000	-.085458	-.0369908
minority	-.191962	.0951478	-2.02	0.044	-.3784483	-.0054757
votepct3	-.0279413	.0202159	-1.38	0.167	-.0675638	.0116812
reelection	-.603714	.4293294	-1.41	0.160	-1.445184	.237756
mrp_mean	-.0342377	.1529275	-0.22	0.823	-.3339701	.2654946
totpop2	-.0993078	.0793983	-1.25	0.211	-.2549256	.05631
incomex2	.0559179	.0240426	2.33	0.020	.0087952	.1030405
state2						
2	1.883492	.4821301	3.91	0.000	.938534	2.828449
3	.9096824	.4701413	1.93	0.053	-.0117776	1.831142
4	.4357881	.4113126	1.06	0.289	-.3703699	1.241946
5	-.2090629	.6811741	-0.31	0.759	-1.54414	1.126014
6	.8058751	.436938	1.84	0.065	-.0505077	1.662258
7	.3074876	.4369041	0.70	0.482	-.5488287	1.163804
8	1.702766	.4835057	3.52	0.000	.7551128	2.65042
9	1.154192	.4636851	2.49	0.013	.2453857	2.062998
10	.8854838	.3892166	2.28	0.023	.1226332	1.648334
11	.7625058	.4902402	1.56	0.120	-.1983473	1.723359
12	1.759579	.5620315	3.13	0.002	.6580179	2.861141
13	.400583	.4563679	0.88	0.380	-.4938817	1.295048
14	-.6691494	.5027719	-1.33	0.183	-1.654564	.3162654
15	.7119575	.3912059	1.82	0.069	-.0547921	1.478707

16	.4750726	.3962203	1.20	0.231	-.301505	1.25165
17	.2047067	.4455186	0.46	0.646	-.6684937	1.077907
18	.1326468	.4016651	0.33	0.741	-.6546024	.919896
19	-.6734041	.4533087	-1.49	0.137	-1.561873	.2150647
20	.5961227	.4328015	1.38	0.168	-.2521526	1.444398
21	.8372706	.4179892	2.00	0.045	.0180269	1.656514
22	1.492451	.4467578	3.34	0.001	.6168221	2.36808
23	.3115097	.4104506	0.76	0.448	-.4929587	1.115978
24	-.8735018	.4085015	-2.14	0.032	-1.67415	-.0728536
25	1.358793	.4052244	3.35	0.001	.564568	2.153019
26	1.200447	.4011638	2.99	0.003	.4141804	1.986714
27	1.521828	.4851656	3.14	0.002	.570921	2.472735
28	1.006617	.4857692	2.07	0.038	.0545265	1.958707
29	-.4466728	.4251514	-1.05	0.293	-1.279954	.3866086
30	-.7243891	.5463066	-1.33	0.185	-1.79513	.3463522
31	1.278679	.4097833	3.12	0.002	.4755183	2.081839
32	.8719559	.4581365	1.90	0.057	-.0259751	1.769887
33	.142493	.481314	0.30	0.767	-.8008652	1.085851
34	-.1835308	.4503327	-0.41	0.684	-1.066167	.699105
35	.9040345	.5200894	1.74	0.082	-.1153219	1.923391
36	.5065574	.4289026	1.18	0.238	-.3340762	1.347191
37	1.368308	.4776675	2.86	0.004	.4320973	2.30452
38	1.326628	.4285046	3.10	0.002	.4867743	2.166482
39	.6684365	.4215926	1.59	0.113	-.1578699	1.494743
41	.3462894	.4395517	0.79	0.431	-.5152161	1.207795
42	1.248977	.4458011	2.80	0.005	.3752226	2.122731
43	.2777669	.509454	0.55	0.586	-.7207446	1.276278
44	1.82106	.3923206	4.64	0.000	1.052125	2.589994
45	-.5962782	.4767497	-1.25	0.211	-1.530691	.3381341
46	.749753	.4012952	1.87	0.062	-.0367712	1.536277
47	1.013775	.4454114	2.28	0.023	.1407848	1.886765
48	-.319754	.4780143	-0.67	0.504	-1.256645	.6171368
49	.7995317	.4629758	1.73	0.084	-.1078842	1.706948
50	0	(omitted)				
_cons	-1.486011	.3605047	-4.12	0.000	-2.192587	-.7794346

```
132 . logit replyleg2info gender2 nl_totalbills rep chamber2 pleader commchair2 yrserved2

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -2540.2388
Iteration 1:   log pseudolikelihood = -2344.0796
Iteration 2:   log pseudolikelihood = -2332.2201
Iteration 3:   log pseudolikelihood = -2332.1328
Iteration 4:   log pseudolikelihood = -2332.1328

Logistic regression                             Number of obs     =      4,809
                                                Wald chi2(60)     =     351.07
```

Prob > chi2 = **0.0000**
Log pseudolikelihood = **-2332.1328** Pseudo R2 = **0.0819**

replyleg2info	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.2171203	.0876091	2.48	0.013	.0454095	.388831
nl_totalbills	.156089	.0592931	2.63	0.008	.0398767	.2723014
rep	-.2133304	.0991921	-2.15	0.032	-.4077434	-.0189173
chamber2	-.1250092	.1156149	-1.08	0.280	-.3516102	.1015919
pleader	.5269158	.2578539	2.04	0.041	.0215314	1.0323
commchair2	-.0773365	.090062	-0.86	0.391	-.2538549	.0991818
yrserved2	-.0612244	.0123643	-4.95	0.000	-.085458	-.0369908
minority	-.191962	.0951478	-2.02	0.044	-.3784483	-.0054757
votepct3	-.0279413	.0202159	-1.38	0.167	-.0675638	.0116812
reelection	-.603714	.4293294	-1.41	0.160	-1.445184	.237756
mrp_mean	-.0342377	.1529275	-0.22	0.823	-.3339701	.2654946
totpop2	-.0993078	.0793983	-1.25	0.211	-.2549256	.05631
incomex2	.0559179	.0240426	2.33	0.020	.0087952	.1030405
state2						
2	1.883492	.4821301	3.91	0.000	.938534	2.828449
3	.9096824	.4701413	1.93	0.053	-.0117776	1.831142
4	.4357881	.4113126	1.06	0.289	-.3703699	1.241946
5	-.2090629	.6811741	-0.31	0.759	-1.54414	1.126014
6	.8058751	.436938	1.84	0.065	-.0505077	1.662258
7	.3074876	.4369041	0.70	0.482	-.5488287	1.163804
8	1.702766	.4835057	3.52	0.000	.7551128	2.65042
9	1.154192	.4636851	2.49	0.013	.2453857	2.062998
10	.8854838	.3892166	2.28	0.023	.1226332	1.648334
11	.7625058	.4902402	1.56	0.120	-.1983473	1.723359
12	1.759579	.5620315	3.13	0.002	.6580179	2.861141
13	.400583	.4563679	0.88	0.380	-.4938817	1.295048
14	-.6691494	.5027719	-1.33	0.183	-1.654564	.3162654
15	.7119575	.3912059	1.82	0.069	-.0547921	1.478707
16	.4750726	.3962203	1.20	0.231	-.301505	1.25165
17	.2047067	.4455186	0.46	0.646	-.6684937	1.077907
18	.1326468	.4016651	0.33	0.741	-.6546024	.919896
19	-.6734041	.4533087	-1.49	0.137	-1.561873	.2150647
20	.5961227	.4328015	1.38	0.168	-.2521526	1.444398
21	.8372706	.4179892	2.00	0.045	.0180269	1.656514
22	1.492451	.4467578	3.34	0.001	.6168221	2.36808
23	.3115097	.4104506	0.76	0.448	-.4929587	1.115978
24	-.8735018	.4085015	-2.14	0.032	-1.67415	-.0728536
25	1.358793	.4052244	3.35	0.001	.564568	2.153019
26	1.200447	.4011638	2.99	0.003	.4141804	1.986714
27	1.521828	.4851656	3.14	0.002	.570921	2.472735
28	1.006617	.4857692	2.07	0.038	.0545265	1.958707

29	-.4466728	.4251514	-1.05	0.293	-1.279954	.3866086
30	-.7243891	.5463066	-1.33	0.185	-1.79513	.3463522
31	1.278679	.4097833	3.12	0.002	.4755183	2.081839
32	.8719559	.4581365	1.90	0.057	-.0259751	1.769887
33	.142493	.481314	0.30	0.767	-.8008652	1.085851
34	-.1835308	.4503327	-0.41	0.684	-1.066167	.699105
35	.9040345	.5200894	1.74	0.082	-.1153219	1.923391
36	.5065574	.4289026	1.18	0.238	-.3340762	1.347191
37	1.368308	.4776675	2.86	0.004	.4320973	2.30452
38	1.326628	.4285046	3.10	0.002	.4867743	2.166482
39	.6684365	.4215926	1.59	0.113	-.1578699	1.494743
41	.3462894	.4395517	0.79	0.431	-.5152161	1.207795
42	1.248977	.4458011	2.80	0.005	.3752226	2.122731
43	.2777669	.509454	0.55	0.586	-.7207446	1.276278
44	1.82106	.3923206	4.64	0.000	1.052125	2.589994
45	-.5962782	.4767497	-1.25	0.211	-1.530691	.3381341
46	.749753	.4012952	1.87	0.062	-.0367712	1.536277
47	1.013775	.4454114	2.28	0.023	.1407848	1.886765
48	-.319754	.4780143	-0.67	0.504	-1.256645	.6171368
49	.7995317	.4629758	1.73	0.084	-.1078842	1.706948
50	0	(omitted)				
_cons	-1.486011	.3605047	-4.12	0.000	-2.192587	-.7794346

```
133 .
134 . *ideology
135 . logit reply2 gender2 cfscore2 nl_totalbills rep chamber2 pleader commchair2 yrserved

    note: 50.state2 omitted because of collinearity
    Iteration 0:   log pseudolikelihood = -3353.8963
    Iteration 1:   log pseudolikelihood = -3066.1037
    Iteration 2:   log pseudolikelihood = -3065.0282
    Iteration 3:   log pseudolikelihood =  -3065.028

    Logistic regression                             Number of obs     =      4,894
                                                    Wald chi2(61)     =     489.77
                                                    Prob > chi2       =     0.0000
    Log pseudolikelihood =  -3065.028               Pseudo R2         =     0.0861
```

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.1756365	.076041	2.31	0.021	.0265989	.3246741
cfscore2	.2296054	.0796849	2.88	0.004	.0734259	.385785
nl_totalbills	.191566	.0493817	3.88	0.000	.0947796	.2883524
rep	.4042027	.1330464	3.04	0.002	.1434365	.6649689
chamber2	.1998366	.0889672	2.25	0.025	.025464	.3742091

pleader	.4250273	.2015199	2.11	0.035	.0300555	.8199991
commchair2	-.0299753	.0751805	-0.40	0.690	-.1773264	.1173757
yrserved2	-.0305513	.0087431	-3.49	0.000	-.0476874	-.0134152
minority	-.1581088	.0798691	-1.98	0.048	-.3146494	-.0015682
votepct3	-.0193145	.0163702	-1.18	0.238	-.0513994	.0127704
reelection	-.1474754	.3292897	-0.45	0.654	-.7928713	.4979205
mrp_mean	.3123474	.1354075	2.31	0.021	.0469535	.5777413
totpop2	-.1095026	.056452	-1.94	0.052	-.2201465	.0011413
incomex2	.0341052	.0209573	1.63	0.104	-.0069703	.0751807
state2						
2	1.566099	.44763	3.50	0.000	.6887605	2.443438
3	.3466863	.3724764	0.93	0.352	-.383354	1.076727
4	.5868347	.3282742	1.79	0.074	-.056571	1.23024
5	.7004059	.5125994	1.37	0.172	-.3042705	1.705082
6	.1308909	.3534133	0.37	0.711	-.5617864	.8235682
7	.564181	.3277275	1.72	0.085	-.078153	1.206515
8	1.515277	.4199668	3.61	0.000	.692157	2.338396
9	1.417681	.3340828	4.24	0.000	.7628907	2.072471
10	.4857491	.2979217	1.63	0.103	-.0981667	1.069665
11	.453735	.3819132	1.19	0.235	-.2948011	1.202271
12	2.142944	.6290379	3.41	0.001	.9100525	3.375836
13	.4124569	.3347845	1.23	0.218	-.2437087	1.068622
14	-1.062014	.344209	-3.09	0.002	-1.736651	-.387377
15	.6631743	.3073796	2.16	0.031	.0607214	1.265627
16	.2223682	.3033634	0.73	0.464	-.3722131	.8169495
17	.0772159	.3220794	0.24	0.811	-.5540482	.7084799
18	.6361772	.3127162	2.03	0.042	.0232647	1.24909
19	.2241323	.3437848	0.65	0.514	-.4496735	.897938
20	1.679564	.3574214	4.70	0.000	.9790309	2.380097
21	1.203433	.3354405	3.59	0.000	.5459815	1.860884
22	1.385351	.360719	3.84	0.000	.678355	2.092347
23	-.1024215	.3328274	-0.31	0.758	-.7547513	.5499082
24	-.4826877	.3059332	-1.58	0.115	-1.082306	.1169304
25	1.891165	.3177394	5.95	0.000	1.268407	2.513922
26	.9233748	.3349216	2.76	0.006	.2669406	1.579809
27	1.729115	.5356216	3.23	0.001	.6793163	2.778915
28	.3823504	.4283188	0.89	0.372	-.457139	1.22184
29	.4223365	.3472006	1.22	0.224	-.2581642	1.102837
30	.9283896	.3647691	2.55	0.011	.2134553	1.643324
31	.7622317	.3332029	2.29	0.022	.1091659	1.415297
32	.747011	.3492054	2.14	0.032	.062581	1.431441
33	1.205758	.3365263	3.58	0.000	.5461786	1.865338
34	.6114299	.3267078	1.87	0.061	-.0289057	1.251765
35	.6860989	.4012077	1.71	0.087	-.1002537	1.472452
36	.771838	.3269192	2.36	0.018	.1310882	1.412588
37	1.813364	.3859476	4.70	0.000	1.056921	2.569808
38	1.122722	.3306824	3.40	0.001	.4745969	1.770848
39	.9625578	.3416647	2.82	0.005	.2929074	1.632208

41	.525882	.3564096	1.48	0.140	-.172668	1.224432
42	1.371095	.3585316	3.82	0.000	.6683859	2.073804
43	.5743018	.349237	1.64	0.100	-.1101901	1.258794
44	1.290047	.3353216	3.85	0.000	.6328285	1.947265
45	-.0017457	.3462916	-0.01	0.996	-.6804648	.6769733
46	1.469186	.3401615	4.32	0.000	.802482	2.135891
47	1.024673	.34134	3.00	0.003	.3556592	1.693687
48	-.4563468	.3555143	-1.28	0.199	-1.153142	.2404485
49	1.105164	.3536222	3.13	0.002	.4120773	1.798251
50	0	(omitted)				
_cons	-1.070592	.3067329	-3.49	0.000	-1.671777	-.4694066

136 . logit replyinfo gender2 cfscore2 nl_totalbills rep chamber2 pleader commchair2 yrser

note: 50.state2 omitted because of collinearity
Iteration 0: log pseudolikelihood = -3211.4711
Iteration 1: log pseudolikelihood = -2833.438
Iteration 2: log pseudolikelihood = -2821.1394
Iteration 3: log pseudolikelihood = -2820.9919
Iteration 4: log pseudolikelihood = -2820.9918

Logistic regression — Number of obs = 4,894
Wald chi2(61) = 604.38
Prob > chi2 = 0.0000
Log pseudolikelihood = -2820.9918 — Pseudo R2 = 0.1216

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
gender2	.2231938	.0778629	2.87	0.004	.0705853	.3758023
cfscore2	.2462697	.0865905	2.84	0.004	.0765554	.415984
nl_totalbills	.1914659	.0543949	3.52	0.000	.084854	.2980779
rep	.2780349	.1402164	1.98	0.047	.0032157	.5528541
chamber2	.2048576	.0958048	2.14	0.032	.0170837	.3926316
pleader	.5379358	.2162839	2.49	0.013	.1140271	.9618444
commchair2	-.0936279	.0789656	-1.19	0.236	-.2483976	.0611417
yrserved2	-.0375178	.0095897	-3.91	0.000	-.0563132	-.0187224
minority	-.1680683	.0837117	-2.01	0.045	-.3321403	-.0039964
votepct3	-.0382325	.0177842	-2.15	0.032	-.0730889	-.0033761
reelection	-1.075163	.4876375	-2.20	0.027	-2.030915	-.1194112
mrp_mean	-.0800855	.138034	-0.58	0.562	-.3506273	.1904563
totpop2	-.0857935	.057164	-1.50	0.133	-.1978329	.0262459
incomex2	.0863425	.0212034	4.07	0.000	.0447845	.1279005
state2						
2	2.530118	.5215364	4.85	0.000	1.507926	3.552311

3	1.735543	.4953472	3.50	0.000	.76468	2.706405
4	.7044401	.4845507	1.45	0.146	-.2452619	1.654142
5	1.720754	.6158374	2.79	0.005	.513735	2.927773
6	1.57766	.4781977	3.30	0.001	.6404097	2.51491
7	1.148955	.4678674	2.46	0.014	.2319518	2.065959
8	2.237439	.5065619	4.42	0.000	1.244596	3.230282
9	2.582565	.4625416	5.58	0.000	1.676001	3.48913
10	1.50863	.4408111	3.42	0.001	.6446561	2.372604
11	1.608937	.499254	3.22	0.001	.6304173	2.587457
12	1.883363	.6588478	2.86	0.004	.5920455	3.174681
13	1.30774	.4676217	2.80	0.005	.3912188	2.224262
14	.5738223	.4706676	1.22	0.223	-.3486692	1.496314
15	1.041952	.4522516	2.30	0.021	.1555547	1.928348
16	.5700989	.4658648	1.22	0.221	-.3429794	1.483177
17	.8025838	.4776949	1.68	0.093	-.1336809	1.738848
18	.7928525	.3531357	2.25	0.025	.1007191	1.484986
19	-.2990304	.5342342	-0.56	0.576	-1.34611	.7480493
20	1.202237	.370984	3.24	0.001	.4751215	1.929352
21	1.3839	.4599331	3.01	0.003	.4824474	2.285352
22	2.110205	.4724094	4.47	0.000	1.1843	3.036111
23	.0822866	.4941738	0.17	0.868	-.8862763	1.05085
24	-1.159868	.4510036	-2.57	0.010	-2.043819	-.2759174
25	2.448027	.4379946	5.59	0.000	1.589573	3.306481
26	1.35685	.472794	2.87	0.004	.4301908	2.283509
27	1.66334	.5687209	2.92	0.003	.5486675	2.778013
28	1.357278	.5533402	2.45	0.014	.2727515	2.441805
29	-.8323458	.6250072	-1.33	0.183	-2.057337	.3926458
30	.7258356	.3941553	1.84	0.066	-.0466945	1.498366
31	1.419297	.4695162	3.02	0.003	.4990622	2.339532
32	1.455475	.4800096	3.03	0.002	.5146732	2.396276
33	1.890717	.458816	4.12	0.000	.9914546	2.78998
34	-.0039015	.5517315	-0.01	0.994	-1.085275	1.077472
35	1.710561	.5207538	3.28	0.001	.6899023	2.73122
36	1.500845	.4566496	3.29	0.001	.6058277	2.395861
37	2.57011	.4804804	5.35	0.000	1.628386	3.511835
38	2.070488	.4616362	4.49	0.000	1.165698	2.975278
39	1.122657	.4686734	2.40	0.017	.2040737	2.04124
41	.5868963	.5124252	1.15	0.252	-.4174387	1.591231
42	2.085982	.4710032	4.43	0.000	1.162833	3.009132
43	1.974964	.4813894	4.10	0.000	1.031459	2.91847
44	1.997433	.4575454	4.37	0.000	1.10066	2.894205
45	-.8453808	.5682985	-1.49	0.137	-1.959225	.2684637
46	1.214391	.359206	3.38	0.001	.51036	1.918422
47	1.958095	.4678235	4.19	0.000	1.041177	2.875012
48	-.3350024	.5642688	-0.59	0.553	-1.440949	.7709442
49	1.621254	.4737778	3.42	0.001	.6926663	2.549841
50	0	(omitted)				
_cons	-1.771288	.3563216	-4.97	0.000	-2.469665	-1.07291

```
137 .
138 . *table 4,
139 . *columns 1 and 2 (leg gender x constituent gender)
140 . logit reply2 i.gender2##i.gendersender2 nl_totalbills rep chamber2 pleader commchair

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -4296.7359
Iteration 1:   log pseudolikelihood = -3932.0208
Iteration 2:   log pseudolikelihood = -3930.3209
Iteration 3:   log pseudolikelihood = -3930.3205
Iteration 4:   log pseudolikelihood = -3930.3205

Logistic regression                             Number of obs     =      6,268
                                                Wald chi2(62)     =     628.61
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -3930.3205               Pseudo R2         =     0.0853
```

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.1899603	.092478	2.05	0.040	.0087067	.371213
1.gendersender2	-.0635618	.0622767	-1.02	0.307	-.1856219	.058498
gender2#gendersender2						
1 1	-.0026407	.126889	-0.02	0.983	-.2513385	.246057
nl_totalbills	.189579	.0431915	4.39	0.000	.1049252	.274232
rep	.1108225	.0722602	1.53	0.125	-.0308049	.252449
chamber2	.2335662	.0821157	2.84	0.004	.0726224	.394510
pleader	.3906047	.1959379	1.99	0.046	.0065735	.774635
commchair2	-.0447664	.0669435	-0.67	0.504	-.1759733	.086440
yrserved2	-.0355495	.0078457	-4.53	0.000	-.0509267	-.020172
minority	-.1711785	.0683537	-2.50	0.012	-.3051493	-.037207
votepct3	-.0120128	.0141574	-0.85	0.396	-.0397607	.015735
reelection	-.1995946	.2909315	-0.69	0.493	-.7698099	.370620
mrp_mean	.3198032	.1175465	2.72	0.007	.0894163	.550190
totpop2	-.1013437	.0504255	-2.01	0.044	-.200176	-.002511
incomex2	.0166875	.0184584	0.90	0.366	-.0194902	.052865
state2						
2	1.562584	.3871074	4.04	0.000	.8038671	2.321
3	.3742166	.3366522	1.11	0.266	-.2856095	1.03404
4	.6493237	.2872817	2.26	0.024	.086262	1.21238
5	.6844382	.4442471	1.54	0.123	-.1862701	1.55514
6	.1833974	.3128643	0.59	0.558	-.4298053	.796600
7	.6391241	.2918411	2.19	0.029	.067126	1.21112

8	1.655045	.3935988	4.20	0.000	.8836053	2.42648
9	1.55555	.3030921	5.13	0.000	.9615001	2.14959
10	.5644401	.2691858	2.10	0.036	.0368456	1.09203
11	.6294649	.3535409	1.78	0.075	-.0634626	1.32239
12	2.282739	.5566471	4.10	0.000	1.191731	3.37374
13	.6237697	.3046904	2.05	0.041	.0265874	1.22095
14	-1.138905	.3234436	-3.52	0.000	-1.772843	-.50496
15	.7794408	.2785148	2.80	0.005	.2335617	1.3253
16	.3769109	.2753188	1.37	0.171	-.1627041	.916525
17	.0497448	.2951623	0.17	0.866	-.5287626	.628252
18	.7072515	.2681822	2.64	0.008	.1816241	1.23287
19	.2906769	.28336	1.03	0.305	-.2646985	.846052
20	1.865254	.3149454	5.92	0.000	1.247973	2.48253
21	1.378442	.3013555	4.57	0.000	.7877959	1.96908
22	1.565516	.3250027	4.82	0.000	.9285227	2.2025
23	.1340605	.2878785	0.47	0.641	-.430171	.69829
24	-.4717827	.2645032	-1.78	0.074	-.9901995	.04663
25	2.018013	.297887	6.77	0.000	1.434165	2.60186
26	.9290276	.2985333	3.11	0.002	.3439131	1.51414
27	1.613436	.4326606	3.73	0.000	.7654365	2.46143
28	.4047268	.3764673	1.08	0.282	-.3331357	1.14258
29	.3908246	.269928	1.45	0.148	-.1382245	.919873
30	.903491	.3245135	2.78	0.005	.2674562	1.53952
31	1.001657	.3025762	3.31	0.001	.4086184	1.59469
32	.7775154	.3133937	2.48	0.013	.163275	1.39175
33	1.247936	.2966676	4.21	0.000	.6664786	1.82939
34	.6103727	.2857656	2.14	0.033	.0502824	1.17046
35	.8544835	.3603693	2.37	0.018	.1481726	1.56079
36	.8415104	.2941787	2.86	0.004	.2649307	1.4180
37	2.061886	.3522586	5.85	0.000	1.371472	2.752
38	1.177198	.2978151	3.95	0.000	.5934912	1.76090
39	1.04276	.3073559	3.39	0.001	.4403532	1.64516
41	.5311841	.3130408	1.70	0.090	-.0823645	1.14473
42	1.369106	.3281719	4.17	0.000	.7259011	2.01231
43	.4896504	.3143364	1.56	0.119	-.1264375	1.10573
44	1.388563	.3055949	4.54	0.000	.7896079	1.98751
45	.2190964	.3042246	0.72	0.471	-.3771729	.815365
46	1.712592	.3028543	5.65	0.000	1.119008	2.30617
47	1.157373	.3091758	3.74	0.000	.5513992	1.76334
48	-.2270983	.3086707	-0.74	0.462	-.8320817	.377885
49	1.221857	.3191649	3.83	0.000	.5963049	1.84740
50	0	(omitted)				
_cons	-.8932839	.2626927	-3.40	0.001	-1.408152	-.378415

```
141 . logit replyinfo i.gender2##i.gendersender2 nl_totalbills rep chamber2 pleader commch

    note: 50.state2 omitted because of collinearity
```

```
Iteration 0:   log pseudolikelihood = -4099.9324
Iteration 1:   log pseudolikelihood = -3615.5753
Iteration 2:   log pseudolikelihood =  -3602.202
Iteration 3:   log pseudolikelihood = -3602.0891
Iteration 4:   log pseudolikelihood =  -3602.089

Logistic regression                             Number of obs     =      6,268
                                                Wald chi2(62)     =     794.95
                                                Prob > chi2       =     0.0000
Log pseudolikelihood =  -3602.089               Pseudo R2         =     0.1214
```

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.2718318	.0956277	2.84	0.004	.084405	.459258
1.gendersender2	-.0587721	.066219	-0.89	0.375	-.1885589	.071014
gender2#gendersender2						
1 1	-.0009085	.1316322	-0.01	0.994	-.2589029	.257085
nl_totalbills	.1500627	.0473468	3.17	0.002	.0572647	.242860
rep	-.1169066	.0783079	-1.49	0.135	-.2703872	.036574
chamber2	.168697	.0871161	1.94	0.053	-.0020474	.339441
pleader	.4388137	.2104328	2.09	0.037	.0263729	.851254
commchair2	-.0910942	.0701795	-1.30	0.194	-.2286435	.046455
yrserved2	-.0440785	.0087487	-5.04	0.000	-.0612255	-.026931
minority	-.1986557	.0726506	-2.73	0.006	-.3410483	-.056263
votepct3	-.0244599	.0156978	-1.56	0.119	-.055227	.006307
reelection	-.9283362	.4074643	-2.28	0.023	-1.726952	-.129720
mrp_mean	-.039579	.1212928	-0.33	0.744	-.2773085	.198150
totpop2	-.0464887	.0506256	-0.92	0.358	-.145713	.052735
incomex2	.0835195	.0189387	4.41	0.000	.0464004	.120638
state2						
2	2.386376	.4423037	5.40	0.000	1.519477	3.25327
3	1.496898	.4250714	3.52	0.000	.6637735	2.33002
4	.7146903	.4008897	1.78	0.075	-.0710392	1.5004
5	1.401573	.5187944	2.70	0.007	.3847542	2.41839
6	1.335801	.404184	3.30	0.001	.5436147	2.12798
7	.986236	.3987415	2.47	0.013	.204717	1.76775
8	2.289509	.4490016	5.10	0.000	1.409482	3.16953
9	2.420899	.3936371	6.15	0.000	1.649385	3.19241
10	1.305807	.3741041	3.49	0.000	.5725766	2.03903
11	1.653749	.4377546	3.78	0.000	.7957657	2.51173
12	1.797505	.5579306	3.22	0.001	.7039816	2.89102
13	1.246676	.4003563	3.11	0.002	.4619923	2.0313
14	.3153909	.4124703	0.76	0.444	-.493036	1.12381
15	.8219869	.3883496	2.12	0.034	.0608356	1.58313

16	.5559273	.3948048	1.41	0.159	-.2178759	1.3297
17	.4658785	.4214864	1.11	0.269	-.3602197	1.29197
18	.7849392	.296006	2.65	0.008	.2047781	1.365
19	-.4464555	.440092	-1.01	0.310	-1.30902	.41610
20	1.479265	.318653	4.64	0.000	.8547162	2.10381
21	1.423285	.3907717	3.64	0.000	.657387	2.18918
22	2.081753	.4007655	5.19	0.000	1.296268	2.86723
23	.4394199	.3981858	1.10	0.270	-.3410099	1.2198
24	-1.075233	.3766409	-2.85	0.004	-1.813435	-.337030
25	2.247928	.3754374	5.99	0.000	1.512085	2.98377
26	1.333755	.396729	3.36	0.001	.5561807	2.1113
27	1.695105	.4577008	3.70	0.000	.7980276	2.59218
28	1.185283	.4669572	2.54	0.011	.2700632	2.10050
29	-.2391866	.4101541	-0.58	0.560	-1.043074	.564700
30	.7497437	.347168	2.16	0.031	.069307	1.4301
31	1.457618	.4028114	3.62	0.000	.6681226	2.24711
32	1.361957	.4090593	3.33	0.001	.5602151	2.16369
33	1.813686	.3854942	4.70	0.000	1.058131	2.56924
34	-.1732705	.4483933	-0.39	0.699	-1.052105	.705564
35	1.729792	.4435672	3.90	0.000	.8604164	2.59916
36	1.400026	.3879313	3.61	0.000	.6396945	2.16035
37	2.638195	.4120717	6.40	0.000	1.830549	3.4458
38	2.008442	.3921235	5.12	0.000	1.239894	2.7769
39	.9956536	.402823	2.47	0.013	.2061351	1.78517
41	.3808263	.433808	0.88	0.380	-.4694217	1.23107
42	1.916993	.4049562	4.73	0.000	1.123293	2.71069
43	1.621213	.409957	3.95	0.000	.8177124	2.42471
44	1.914767	.389782	4.91	0.000	1.150808	2.67872
45	-.4620122	.4612543	-1.00	0.317	-1.366054	.442029
46	1.39928	.3053134	4.58	0.000	.8008763	1.99768
47	1.972575	.399712	4.93	0.000	1.189154	2.75599
48	-.1577107	.4615402	-0.34	0.733	-1.062313	.746891
49	1.496166	.4032213	3.71	0.000	.7058672	2.28646
50	0	(omitted)				
_cons	-1.525298	.3019968	-5.05	0.000	-2.117201	-.933395

```
142 .
143 . *columns 3 and 4 (leg gender x gender treatment)
144 . logit reply2 i.gender2##i.gtreatment3 nl_totalbills rep chamber2 pleader commchair2

    note: 50.state2 omitted because of collinearity
    Iteration 0:   log pseudolikelihood = -4296.7359
    Iteration 1:   log pseudolikelihood = -3932.3432
    Iteration 2:   log pseudolikelihood = -3930.6397
    Iteration 3:   log pseudolikelihood = -3930.6393
    Iteration 4:   log pseudolikelihood = -3930.6393
```

Logistic regression — Number of obs = 6,268
Wald chi2(62) = 628.00
Prob > chi2 = 0.0000
Log pseudolikelihood = -3930.6393 — Pseudo R2 = 0.0852

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
1.gender2	.1312695	.0919474	1.43	0.153	-.048944	.3114831
1.gtreatment3	-.028361	.062244	-0.46	0.649	-.150357	.093635
gender2#gtreatment3						
1 1	.1106652	.1268359	0.87	0.383	-.1379285	.3592589
nl_totalbills	.1894517	.0431678	4.39	0.000	.1048444	.2740591
rep	.1109163	.0722834	1.53	0.125	-.0307566	.2525892
chamber2	.2341538	.0821318	2.85	0.004	.0731785	.3951291
pleader	.3953061	.1960775	2.02	0.044	.0110012	.779611
commchair2	-.0449506	.0669029	-0.67	0.502	-.176078	.0861767
yrserved2	-.0355453	.0078461	-4.53	0.000	-.0509233	-.0201673
minority	-.1705195	.0683577	-2.49	0.013	-.3044982	-.0365409
votepct3	-.01147	.0141599	-0.81	0.418	-.0392229	.0162828
reelection	-.2000248	.2912457	-0.69	0.492	-.7708559	.3708062
mrp_mean	.3217837	.1175648	2.74	0.006	.091361	.5522064
totpop2	-.1003468	.0504499	-1.99	0.047	-.1992267	-.0014669
incomex2	.016806	.018473	0.91	0.363	-.0194005	.0530125
state2						
2	1.575797	.3867835	4.07	0.000	.8177149	2.333878
3	.3764161	.3364217	1.12	0.263	-.2829584	1.035791
4	.648187	.2877054	2.25	0.024	.0842948	1.212079
5	.6833023	.4443934	1.54	0.124	-.1876927	1.554297
6	.183812	.3132748	0.59	0.557	-.4301953	.7978193
7	.6446201	.2923152	2.21	0.027	.0716928	1.217547
8	1.654214	.3931843	4.21	0.000	.8835869	2.424841
9	1.557451	.3033957	5.13	0.000	.9628061	2.152096
10	.5664832	.2694647	2.10	0.036	.0383421	1.094624
11	.6296088	.35298	1.78	0.074	-.0622192	1.321437
12	2.288734	.5569758	4.11	0.000	1.197081	3.380386
13	.630897	.3049781	2.07	0.039	.033151	1.228643
14	-1.130866	.3235431	-3.50	0.000	-1.764999	-.4967332
15	.779542	.2788297	2.80	0.005	.2330459	1.326038
16	.3784573	.2758879	1.37	0.170	-.162273	.9191877
17	.0583435	.2955136	0.20	0.843	-.5208526	.6375395
18	.7107938	.2678743	2.65	0.008	.1857697	1.235818
19	.2959938	.283639	1.04	0.297	-.2599284	.851916
20	1.869799	.3150818	5.93	0.000	1.25225	2.487348
21	1.385497	.3016761	4.59	0.000	.7942223	1.976771

22	1.566939	.3252802	4.82	0.000	.9294011	2.204476
23	.1374745	.2881366	0.48	0.633	-.4272628	.7022118
24	-.4679434	.2642718	-1.77	0.077	-.9859066	.0500197
25	2.020344	.2980712	6.78	0.000	1.436135	2.604553
26	.937584	.2984142	3.14	0.002	.3527029	1.522465
27	1.610614	.4315753	3.73	0.000	.7647421	2.456486
28	.4162952	.3762608	1.11	0.269	-.3211624	1.153753
29	.3975676	.2702585	1.47	0.141	-.1321294	.9272645
30	.9017042	.324917	2.78	0.006	.2648785	1.53853
31	1.003836	.3027612	3.32	0.001	.4104352	1.597237
32	.7781956	.3136699	2.48	0.013	.1634139	1.392977
33	1.253981	.2971056	4.22	0.000	.6716645	1.836297
34	.6175442	.2855504	2.16	0.031	.0578756	1.177213
35	.8613735	.3605759	2.39	0.017	.1546576	1.568089
36	.8439734	.2942589	2.87	0.004	.2672365	1.42071
37	2.060808	.3519759	5.85	0.000	1.370948	2.750668
38	1.178749	.2979557	3.96	0.000	.5947661	1.762731
39	1.047354	.3078097	3.40	0.001	.4440579	1.65065
41	.5394655	.3135655	1.72	0.085	-.0751117	1.154043
42	1.37237	.3285804	4.18	0.000	.7283642	2.016376
43	.4884843	.3150039	1.55	0.121	-.128912	1.105881
44	1.394115	.3058926	4.56	0.000	.794576	1.993653
45	.2275407	.3046273	0.75	0.455	-.3695179	.8245993
46	1.715828	.3028416	5.67	0.000	1.12227	2.309387
47	1.157465	.3096453	3.74	0.000	.5505716	1.764359
48	-.214528	.3087602	-0.69	0.487	-.819687	.3906309
49	1.2212	.3192996	3.82	0.000	.5953847	1.847016
50	0	(omitted)				
_cons	-.9184791	.2622413	-3.50	0.000	-1.432463	-.4044955

145 . logit replyinfo i.gender2##i.gtreatment3 nl_totalbills rep chamber2 pleader commchai

note: 50.state2 omitted because of collinearity
Iteration 0: log pseudolikelihood = -4099.9324
Iteration 1: log pseudolikelihood = -3614.8752
Iteration 2: log pseudolikelihood = -3601.5069
Iteration 3: log pseudolikelihood = -3601.3939
Iteration 4: log pseudolikelihood = -3601.3938

Logistic regression Number of obs = 6,268
Wald chi2(62) = 797.01
Prob > chi2 = 0.0000
Log pseudolikelihood = -3601.3938 Pseudo R2 = 0.1216

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]

1.gender2	.2200131	.0953961	2.31	0.021	.0330402	.406986
1.gtreatment3	.0539467	.0662595	0.81	0.416	-.0759195	.1838128
gender2#gtreatment3						
1 1	.098263	.1315929	0.75	0.455	-.1596545	.3561804
nl_totalbills	.1495696	.0473165	3.16	0.002	.0568311	.2423081
rep	-.1175633	.0782485	-1.50	0.133	-.2709275	.0358009
chamber2	.1679848	.087211	1.93	0.054	-.0029457	.3389153
pleader	.4384476	.2105241	2.08	0.037	.025828	.8510672
commchair2	-.0905546	.0701149	-1.29	0.197	-.2279772	.0468681
yrserved2	-.0442312	.0087464	-5.06	0.000	-.0613738	-.0270887
minority	-.1975758	.072639	-2.72	0.007	-.3399456	-.055206
votepct3	-.0240649	.0157023	-1.53	0.125	-.0548408	.006711
reelection	-.9280661	.4072952	-2.28	0.023	-1.72635	-.1297823
mrp_mean	-.0367678	.1214061	-0.30	0.762	-.2747194	.2011839
totpop2	-.0448263	.050762	-0.88	0.377	-.1443181	.0546655
incomex2	.0834983	.0189541	4.41	0.000	.0463488	.1206477
state2						
2	2.396516	.4415671	5.43	0.000	1.531061	3.261972
3	1.492069	.4243736	3.52	0.000	.6603117	2.323826
4	.7134437	.4004449	1.78	0.075	-.0714139	1.498301
5	1.394785	.518776	2.69	0.007	.3780032	2.411568
6	1.33389	.4036559	3.30	0.001	.5427394	2.125041
7	.9833858	.3983026	2.47	0.014	.2027271	1.764045
8	2.288916	.4480013	5.11	0.000	1.410849	3.166982
9	2.422633	.3934701	6.16	0.000	1.651446	3.19382
10	1.308474	.3737689	3.50	0.000	.5759006	2.041048
11	1.654878	.4370269	3.79	0.000	.7983213	2.511435
12	1.802682	.5586003	3.23	0.001	.7078455	2.897519
13	1.251968	.4001371	3.13	0.002	.4677135	2.036222
14	.3240222	.4120861	0.79	0.432	-.4836516	1.131696
15	.8252326	.3877974	2.13	0.033	.0651635	1.585302
16	.5571032	.3943538	1.41	0.158	-.2158161	1.330022
17	.4734704	.4214038	1.12	0.261	-.3524659	1.299407
18	.7882635	.2963901	2.66	0.008	.2073495	1.369177
19	-.4482256	.4400152	-1.02	0.308	-1.31064	.4141882
20	1.48033	.3191011	4.64	0.000	.8549036	2.105757
21	1.426337	.3905791	3.65	0.000	.6608162	2.191858
22	2.079929	.4005422	5.19	0.000	1.294881	2.864978
23	.4384414	.3975029	1.10	0.270	-.3406499	1.217533
24	-1.07034	.3769577	-2.84	0.005	-1.809164	-.3315166
25	2.247176	.3751275	5.99	0.000	1.51194	2.982413
26	1.341054	.3961117	3.39	0.001	.5646894	2.117419
27	1.695017	.4568146	3.71	0.000	.7996767	2.590357
28	1.201702	.4660641	2.58	0.010	.288233	2.115171
29	-.2349665	.4097841	-0.57	0.566	-1.038129	.5681957

30	.7486917	.3481285	2.15	0.032	.0663723	1.431011
31	1.459064	.4024236	3.63	0.000	.6703288	2.2478
32	1.364253	.4087186	3.34	0.001	.5631788	2.165326
33	1.816253	.3853154	4.71	0.000	1.061049	2.571457
34	-.1655986	.4476493	-0.37	0.711	-1.042975	.7117779
35	1.737596	.4428945	3.92	0.000	.8695386	2.605653
36	1.396384	.3875901	3.60	0.000	.6367211	2.156046
37	2.644884	.4113278	6.43	0.000	1.838696	3.451072
38	2.006641	.3916579	5.12	0.000	1.239006	2.774277
39	.9990807	.4025146	2.48	0.013	.2101665	1.787995
41	.3809905	.4335416	0.88	0.380	-.4687355	1.230716
42	1.923222	.4048025	4.75	0.000	1.129824	2.716621
43	1.611657	.4099271	3.93	0.000	.8082144	2.415099
44	1.914238	.3899393	4.91	0.000	1.149971	2.678505
45	-.4552134	.4610281	-0.99	0.323	-1.358812	.448385
46	1.393887	.3056006	4.56	0.000	.7949207	1.992853
47	1.964637	.399621	4.92	0.000	1.181394	2.747879
48	-.1454844	.4612267	-0.32	0.752	-1.049472	.7585032
49	1.494309	.4033012	3.71	0.000	.7038529	2.284764
50	0	(omitted)				
_cons	-1.584967	.3024414	-5.24	0.000	-2.177742	-.992193

```
146 .
147 . *columns 5 and 6 (constituent gender x gender treatment)
148 . logit reply2 i.gender2 i.gendersender2##i.gtreatment3 nl_totalbills rep chamber2 ple

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -4296.7359
Iteration 1:   log pseudolikelihood = -3930.9245
Iteration 2:   log pseudolikelihood = -3929.2314
Iteration 3:   log pseudolikelihood =  -3929.231
Iteration 4:   log pseudolikelihood =  -3929.231

Logistic regression                             Number of obs     =      6,268
                                                Wald chi2(63)     =     630.95
                                                Prob > chi2       =     0.0000
Log pseudolikelihood =  -3929.231               Pseudo R2         =     0.0855
```

reply2	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf. Inte
1.gender2	.1881449	.0656436	2.87	0.004	.0594858 .31
1.gendersender2	-.1465506	.0777275	-1.89	0.059	-.2988937 .00
1.gtreatment3	-.0821699	.0772786	-1.06	0.288	-.2336331 .06
gendersender2#gtreatment3					

1 1	.1605037	.1088346	1.47	0.140	-.0528082	.37
nl_totalbills	.1887084	.0431987	4.37	0.000	.1040405	.27
rep	.1113321	.0722789	1.54	0.123	-.0303319	.25
chamber2	.2333208	.0820975	2.84	0.004	.0724127	.39
pleader	.3947276	.196099	2.01	0.044	.0103806	.77
commchair2	-.0439894	.0669164	-0.66	0.511	-.1751431	.08
yrserved2	-.035517	.0078426	-4.53	0.000	-.0508883	-.02
minority	-.1676189	.0683565	-2.45	0.014	-.3015951	-.03
votepct3	-.0118418	.0141681	-0.84	0.403	-.0396107	.01
reelection	-.1985705	.2912411	-0.68	0.495	-.7693926	.37
mrp_mean	.3209112	.1175721	2.73	0.006	.090474	.55
totpop2	-.1005775	.0502967	-2.00	0.046	-.1991573	-.00
incomex2	.0170854	.0184698	0.93	0.355	-.0191147	.05
state2						
2	1.562729	.3864968	4.04	0.000	.8052093	2.3
3	.3716589	.3365549	1.10	0.269	-.2879766	1.0
4	.6558112	.287557	2.28	0.023	.0922098	1.2
5	.6895002	.4441164	1.55	0.121	-.180952	1.5
6	.1903028	.3129694	0.61	0.543	-.423106	.80
7	.6415046	.2920273	2.20	0.028	.0691416	1.2
8	1.661977	.3943146	4.21	0.000	.889135	2.
9	1.552951	.3031434	5.12	0.000	.9588007	2.1
10	.5716247	.2693106	2.12	0.034	.0437856	1.0
11	.633358	.3540166	1.79	0.074	-.0605018	1.3
12	2.288133	.5585837	4.10	0.000	1.193329	3.3
13	.6216974	.3046744	2.04	0.041	.0245466	1.2
14	-1.129267	.3234857	-3.49	0.000	-1.763287	-.49
15	.7836912	.2787905	2.81	0.005	.2372718	1.3
16	.3778973	.2755293	1.37	0.170	-.1621302	.91
17	.0514201	.2952399	0.17	0.862	-.5272396	.63
18	.7110407	.2684924	2.65	0.008	.1848052	1.2
19	.2967622	.283664	1.05	0.295	-.2592091	.85
20	1.861044	.3149003	5.91	0.000	1.243851	2.4
21	1.38615	.3017733	4.59	0.000	.794685	1.9
22	1.56642	.3251209	4.82	0.000	.929195	2.2
23	.1376943	.2881064	0.48	0.633	-.4269839	.70
24	-.4752586	.2644297	-1.80	0.072	-.9935312	.04
25	2.015384	.298213	6.76	0.000	1.430898	2.5
26	.9247318	.2986962	3.10	0.002	.3392981	1.5
27	1.616697	.4331339	3.73	0.000	.7677705	2.4
28	.4051242	.3769154	1.07	0.282	-.3336164	1.1
29	.3877445	.2701474	1.44	0.151	-.1417346	.91
30	.901103	.3245314	2.78	0.005	.2650332	1.5
31	1.006017	.3030471	3.32	0.001	.4120553	1.5
32	.7839888	.313489	2.50	0.012	.1695617	1.3
33	1.247159	.2972737	4.20	0.000	.6645137	1.8
34	.6164551	.2861335	2.15	0.031	.0556438	1.1

35	.8550537	.3597006	2.38	0.017	.1500534	1.5
36	.8420576	.2947103	2.86	0.004	.2644361	1.4
37	2.063869	.3521149	5.86	0.000	1.373737	2.7
38	1.181275	.2979966	3.96	0.000	.5972122	1.7
39	1.054858	.3076152	3.43	0.001	.451943	1.6
41	.5307865	.3132824	1.69	0.090	-.0832358	1.1
42	1.369947	.3283824	4.17	0.000	.7263295	2.0
43	.496003	.3143083	1.58	0.115	-.12003	1.1
44	1.383515	.3053186	4.53	0.000	.7851017	1.9
45	.2248504	.3044922	0.74	0.460	-.3719434	.82
46	1.717862	.3031337	5.67	0.000	1.123731	2.3
47	1.157145	.3093531	3.74	0.000	.5508245	1.7
48	-.2226137	.30897	-0.72	0.471	-.8281838	.38
49	1.218606	.3193666	3.82	0.000	.5926588	1.8
50	0	(omitted)				
_cons	-.855905	.2648002	-3.23	0.001	-1.374904	-.33

```
149 . logit replyinfo i.gender2 i.gendersender2##i.gtreatment3 nl_totalbills rep chamber2
> st

note: 50.state2 omitted because of collinearity
Iteration 0:   log pseudolikelihood = -4099.9324
Iteration 1:   log pseudolikelihood = -3614.4105
Iteration 2:   log pseudolikelihood = -3601.0068
Iteration 3:   log pseudolikelihood = -3600.8932
Iteration 4:   log pseudolikelihood = -3600.8931

Logistic regression                             Number of obs     =      6,268
                                                Wald chi2(63)     =     796.55
                                                Prob > chi2       =     0.0000
Log pseudolikelihood = -3600.8931               Pseudo R2         =     0.1217
```

replyinfo	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Inte
1.gender2	.2717934	.0680433	3.99	0.000	.138431	.40
1.gendersender2	-.1010501	.0823593	-1.23	0.220	-.2624714	.06
1.gtreatment3	.0380065	.0809516	0.47	0.639	-.1206558	.19
gendersender2#gtreatment3						
1 1	.0818192	.1147202	0.71	0.476	-.1430282	.30
nl_totalbills	.1493676	.0473212	3.16	0.002	.0566197	.24
rep	-.1169337	.0782639	-1.49	0.135	-.2703282	.03
chamber2	.1675018	.0871209	1.92	0.055	-.003252	.33
pleader	.4375781	.2103083	2.08	0.037	.0253814	.84

commchair2	-.0898788	.0701167	-1.28	0.200	-.227305	.04
yrserved2	-.0443068	.0087487	-5.06	0.000	-.0614539	-.02
minority	-.1963819	.072639	-2.70	0.007	-.3387517	-.0
votepct3	-.0242571	.015701	-1.54	0.122	-.0550305	.00
reelection	-.927437	.4077098	-2.27	0.023	-1.726534	-.12
mrp_mean	-.0387319	.1213998	-0.32	0.750	-.2766711	.19
totpop2	-.0452497	.0505984	-0.89	0.371	-.1444207	.05
incomex2	.0836412	.0189548	4.41	0.000	.0464905	.1
state2						
2	2.384746	.4413838	5.40	0.000	1.51965	3.2
3	1.489148	.4245377	3.51	0.000	.6570695	2.3
4	.7174665	.4008184	1.79	0.073	-.068123	1.5
5	1.397726	.5185038	2.70	0.007	.3814771	2.4
6	1.336932	.4040163	3.31	0.001	.5450742	2.1
7	.9799805	.3986752	2.46	0.014	.1985914	1.
8	2.293357	.4489754	5.11	0.000	1.413381	3.1
9	2.41977	.3936354	6.15	0.000	1.648258	3.1
10	1.309927	.3742373	3.50	0.000	.5764357	2.0
11	1.656749	.4380742	3.78	0.000	.7981397	2.5
12	1.799613	.5609712	3.21	0.001	.7001295	2.8
13	1.244018	.4002364	3.11	0.002	.4595688	2.0
14	.321178	.412783	0.78	0.437	-.4878619	1.1
15	.8273302	.38834	2.13	0.033	.0661977	1.5
16	.5562864	.3948166	1.41	0.159	-.2175399	1.3
17	.4667109	.4215359	1.11	0.268	-.3594842	1.2
18	.787003	.2966351	2.65	0.008	.2056089	1.3
19	-.450034	.4405876	-1.02	0.307	-1.31357	.41
20	1.474985	.3189147	4.63	0.000	.8499241	2.1
21	1.423713	.3910008	3.64	0.000	.6573656	2.1
22	2.079442	.4007676	5.19	0.000	1.293952	2.8
23	.4373998	.3979199	1.10	0.272	-.3425089	1.2
24	-1.07607	.37711	-2.85	0.004	-1.815192	-.33
25	2.243216	.3754853	5.97	0.000	1.507278	2.9
26	1.331415	.3965066	3.36	0.001	.5542765	2.1
27	1.699231	.4580665	3.71	0.000	.8014376	2.5
28	1.190314	.4670761	2.55	0.011	.2748615	2.1
29	-.2416305	.4100554	-0.59	0.556	-1.045324	.56
30	.749284	.3476701	2.16	0.031	.0678632	1.4
31	1.459552	.4030196	3.62	0.000	.6696481	2.2
32	1.366424	.4091353	3.34	0.001	.5645331	2.1
33	1.810488	.3856016	4.70	0.000	1.054723	2.5
34	-.1678462	.4482583	-0.37	0.708	-1.046416	.7
35	1.731818	.4427258	3.91	0.000	.8640913	2.5
36	1.393965	.3880477	3.59	0.000	.6334051	2.1
37	2.64664	.4119127	6.43	0.000	1.839306	3.4
38	2.007452	.3921994	5.12	0.000	1.238755	2.7
39	1.000274	.4032735	2.48	0.013	.2098729	1.7
41	.3734821	.433579	0.86	0.389	-.476317	1.2

42	1.921139	.4050988	4.74	0.000	1.12716	2.7
43	1.615868	.4098727	3.94	0.000	.8125322	2.4
44	1.906815	.3898499	4.89	0.000	1.142723	2.6
45	-.4592482	.4613784	-1.00	0.320	-1.363533	.44
46	1.39296	.3057905	4.56	0.000	.7936217	1.9
47	1.963812	.3997745	4.91	0.000	1.180269	2.7
48	-.1546915	.4619441	-0.33	0.738	-1.060085	.75
49	1.49323	.4032714	3.70	0.000	.7028327	2.2
50	0	(omitted)				
_cons	-1.545363	.304252	-5.08	0.000	-2.141686	-.94

```
150 .
    end of do-file

151 . log close
          name:  <unnamed>
           log:  /Users/daniellethomsen/Dropbox/State Legislator Project 2/Paper/Perspecti
      log type:  smcl
     closed on:  22 Jul 2019, 14:01:36
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