

Update 24 January 2017, cont.

I wrote this document after the other since I couldn't get more tables to properly place themselves on the page. Sorry for any inconsistencies between the two

In this document, tables 1 through 3 on pages 1 through 4 contain the regression tables for the Senate with p -value thresholds of 0.01 and 0.05 as well as the House replication table. These are followed by the extremism figures 1 through three found on pages 5 through 7 which are ordered in the same way as the tables. Finally, I tried separately modeling Southern and Non-Southern Democrats to see if this was what was driving the results.

The results of the previous weeks in the Senate are robust to a higher p -value threshold for party calls. This should be unsurprising given the previous week's findings. Further, corrections to the variables and multiple checks to ensure they were being coded correctly have maintained the result that more ideologically extreme Democrats are *less* responsive to the party calls we identify.

	Democrats	Republicans	Majority	Minority
ideological_extremism	−3.931*** (0.687)	2.820*** (0.564)	−1.427* (0.659)	1.605* (0.625)
chair	−1.652* (0.644)	−2.172** (0.733)	−1.817** (0.661)	
pfrate100	0.824*** (0.034)	0.895*** (0.031)	0.889*** (0.034)	0.870*** (0.034)
pres_vote_share	30.828*** (2.848)	−5.643 (3.180)	15.589*** (2.558)	16.808*** (3.063)
south	−3.324*** (0.635)	0.216 (0.594)	0.676 (0.550)	−1.563* (0.618)
power_committee	−0.455 (0.907)	1.432 (0.952)	0.420 (0.919)	0.139 (1.051)
vote_share	−6.152* (2.548)	4.650 (2.894)	1.168 (2.650)	−3.431 (2.885)
female	−0.575 (0.860)	1.337 (1.146)	−0.354 (0.962)	2.444* (1.088)
afam	4.228 (3.270)	−7.687 (4.399)	1.393 (5.302)	−1.934 (3.162)
latino	−1.069 (2.740)	−5.641* (2.850)	−1.634 (2.506)	−2.254 (3.448)
up_for_reelection	−0.812 (0.493)	0.008 (0.553)	0.144 (0.516)	−1.351* (0.591)
seniority	0.012 (0.071)	0.152 (0.086)	0.107 (0.085)	0.113 (0.079)
freshman	−0.525 (0.679)	0.379 (0.796)	0.649 (0.722)	0.618 (0.804)
retiree	2.115* (1.071)	0.947 (1.032)	2.273* (1.098)	1.416 (1.097)
best_committee	0.212 (0.151)	−0.181 (0.168)	0.050 (0.156)	0.096 (0.181)
leader	−0.881 (0.844)	−0.038 (0.802)	0.067 (0.852)	−0.553 (0.887)
(Intercept)	4.595 (3.244)	8.268* (3.578)	−0.688 (3.442)	1.795 (3.721)
R ²	0.629	0.658	0.589	0.649
Adj. R ²	0.623	0.652	0.582	0.643
Num. obs.	1037	951	1048	842
RMSE	7.160	7.435	7.428	7.598

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Table 1: Senate $p < 0.01$

	Democrats	Republicans	Majority	Minority
ideological_extremism	-1.029 (0.578)	1.362** (0.485)	0.524 (0.506)	1.767** (0.549)
chair	0.060 (0.557)	-1.603* (0.649)	-1.723** (0.526)	
pfrate100	0.832*** (0.029)	0.865*** (0.027)	0.890*** (0.026)	0.793*** (0.030)
pres_vote_share	18.068*** (2.474)	9.586*** (2.816)	14.195*** (2.021)	11.811*** (2.782)
south	-2.322*** (0.552)	0.109 (0.527)	0.979* (0.438)	-2.088*** (0.560)
power_committee	-1.384 (0.787)	0.529 (0.844)	-0.485 (0.732)	-0.240 (0.953)
vote_share	-4.249 (2.211)	-0.415 (2.570)	-1.491 (2.107)	-2.918 (2.617)
female	-1.758* (0.746)	-1.209 (1.014)	-2.330** (0.766)	0.970 (0.987)
afam	3.880 (2.834)	-6.240 (3.899)	0.782 (4.220)	-1.420 (2.867)
latino	-2.892 (2.376)	-8.058** (2.528)	-2.842 (1.995)	-7.983* (3.129)
up_for_reelection	-0.722 (0.427)	-0.405 (0.490)	-0.098 (0.411)	-1.154* (0.536)
seniority	-0.136* (0.061)	-0.068 (0.076)	0.063 (0.068)	-0.122 (0.072)
freshman	-1.268* (0.587)	-0.428 (0.706)	-0.325 (0.574)	-0.969 (0.730)
retiree	1.836* (0.928)	0.649 (0.915)	1.493 (0.874)	1.413 (0.995)
best_committee	0.260* (0.131)	-0.072 (0.149)	0.113 (0.124)	0.027 (0.164)
leader	-0.349 (0.732)	1.522* (0.710)	0.630 (0.678)	-0.035 (0.804)
(Intercept)	7.023* (2.810)	5.855 (3.186)	0.297 (2.740)	11.788*** (3.357)
R ²	0.693	0.689	0.716	0.659
Adj. R ²	0.688	0.684	0.711	0.653
Num. obs.	1037	951	1048	842
RMSE	6.206	6.594	5.913	6.892

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Table 2: Senate $p < 0.05$

	Democrats	Republicans	Majority	Minority
(Intercept)	−6.86*** (1.40)	−0.45 (1.70)	4.84*** (1.46)	4.42** (1.49)
ideological_extremism	4.52*** (0.24)	6.25*** (0.25)	7.38*** (0.24)	7.23*** (0.24)
pfrate100	0.95*** (0.02)	0.71*** (0.01)	0.77*** (0.02)	0.65*** (0.01)
pres_votepct	0.04*** (0.01)	0.23*** (0.01)	0.13*** (0.01)	0.25*** (0.01)
south	−2.62*** (0.21)	1.59*** (0.25)	0.92*** (0.20)	−1.73*** (0.24)
votepct	0.03*** (0.01)	0.02 (0.01)	−0.02** (0.01)	−0.02 (0.01)
female	0.63* (0.29)	−1.34** (0.43)	−1.31*** (0.32)	0.97** (0.35)
afam	−0.62 (0.35)	0.55 (2.24)	−3.59*** (0.43)	−3.53*** (0.50)
latino	−1.37** (0.43)	−0.03 (0.87)	−0.94 (0.50)	−2.66*** (0.57)
seniority	−0.10*** (0.03)	−0.17*** (0.04)	−0.08** (0.03)	−0.11** (0.03)
freshman	0.24 (0.29)	1.46*** (0.35)	0.26 (0.28)	0.48 (0.36)
bestgrosswart	−0.02 (0.02)	0.17*** (0.02)	0.01 (0.02)	0.10*** (0.02)
leader	0.47 (0.50)	1.62** (0.58)	1.50** (0.52)	1.22* (0.53)
power	1.44*** (0.23)	−0.30 (0.28)	0.72** (0.22)	0.03 (0.29)
chair	2.52*** (0.41)	3.37*** (0.61)	1.13** (0.35)	3.65 (3.72)
R ²	0.75	0.59	0.74	0.62
Adj. R ²	0.75	0.59	0.74	0.62
Num. obs.	4676	3759	4839	3596
RMSE	6.03	6.69	5.98	6.43

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Table 3: House Replication Table

Figure 1: Figure 2, Ideological Extremism, Senate $p < 0.01$

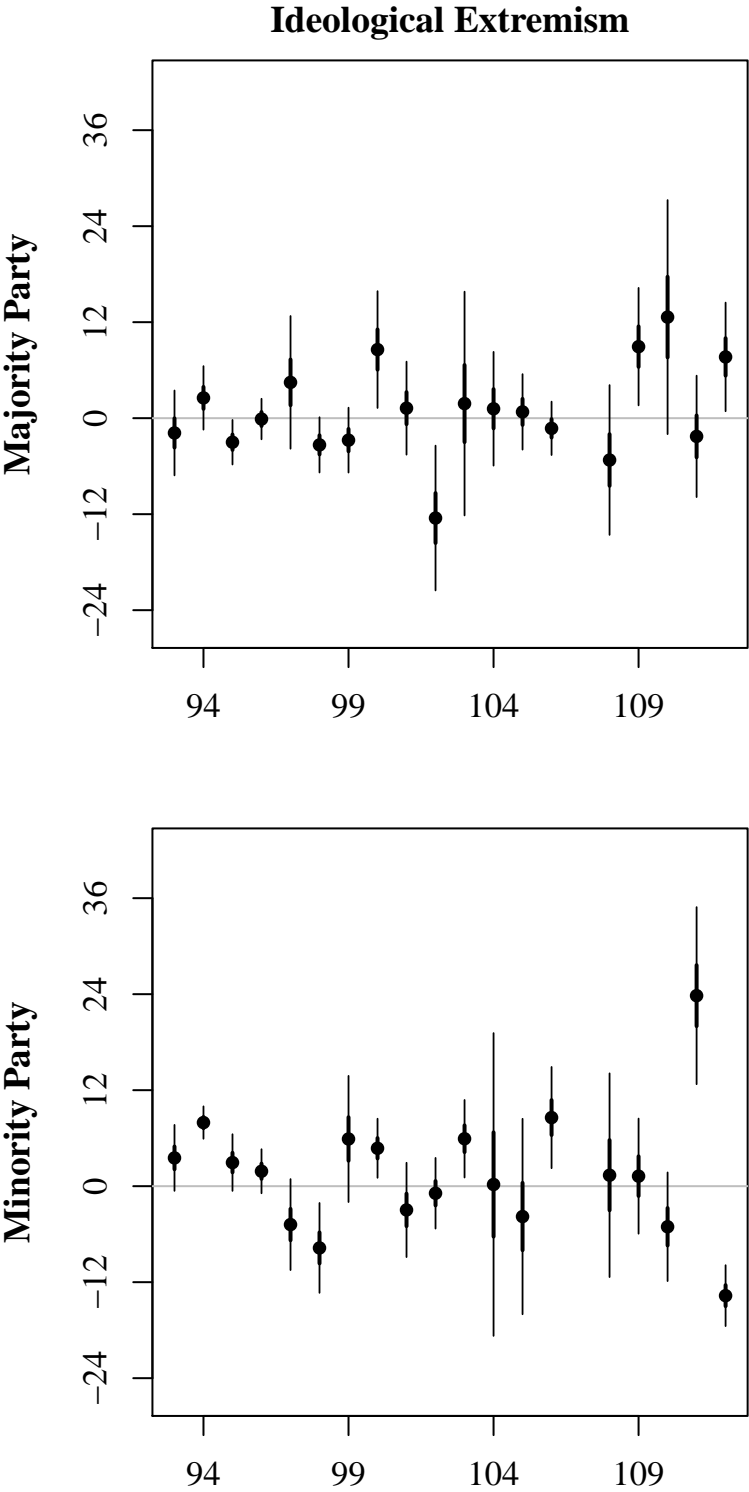


Figure 2: Ideological Extremism, Senate $p < 0.05$

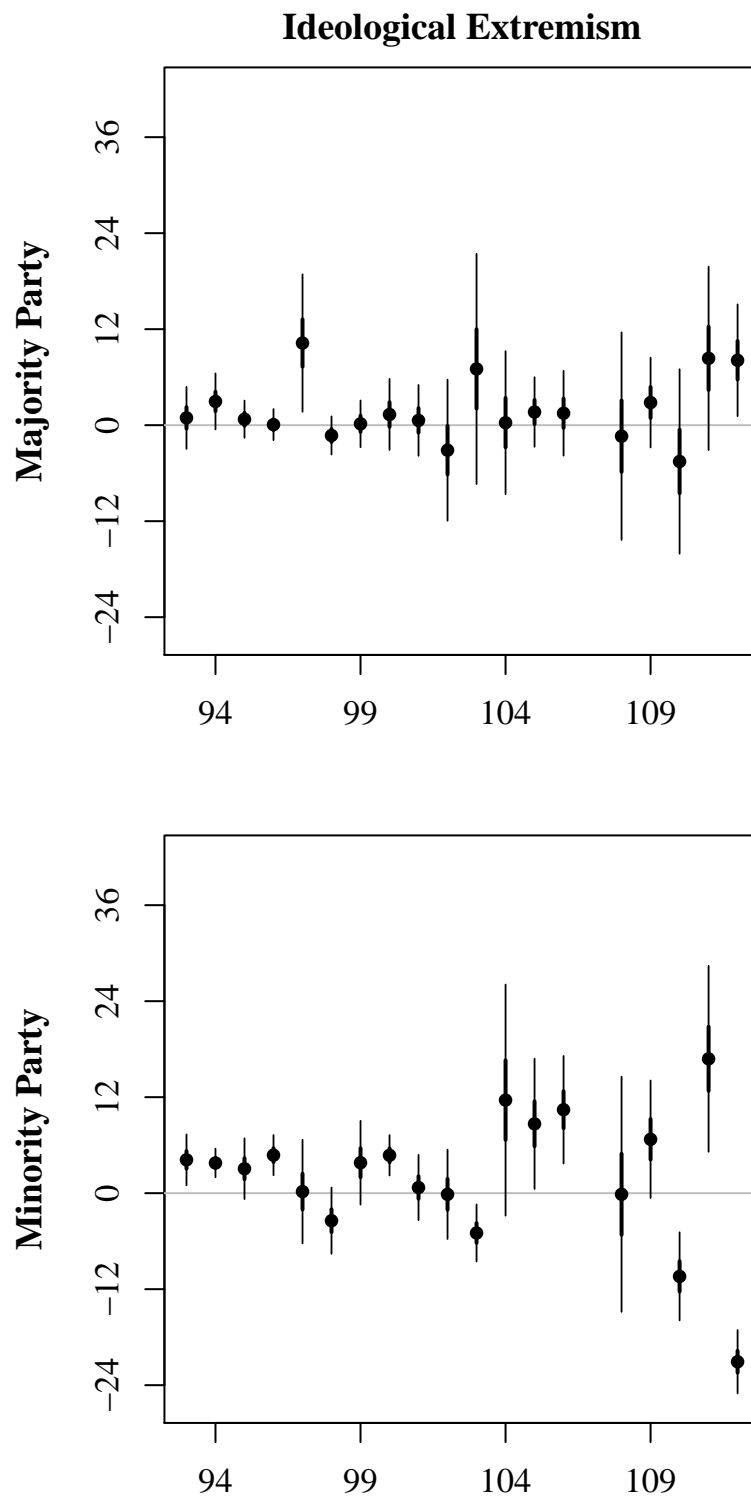
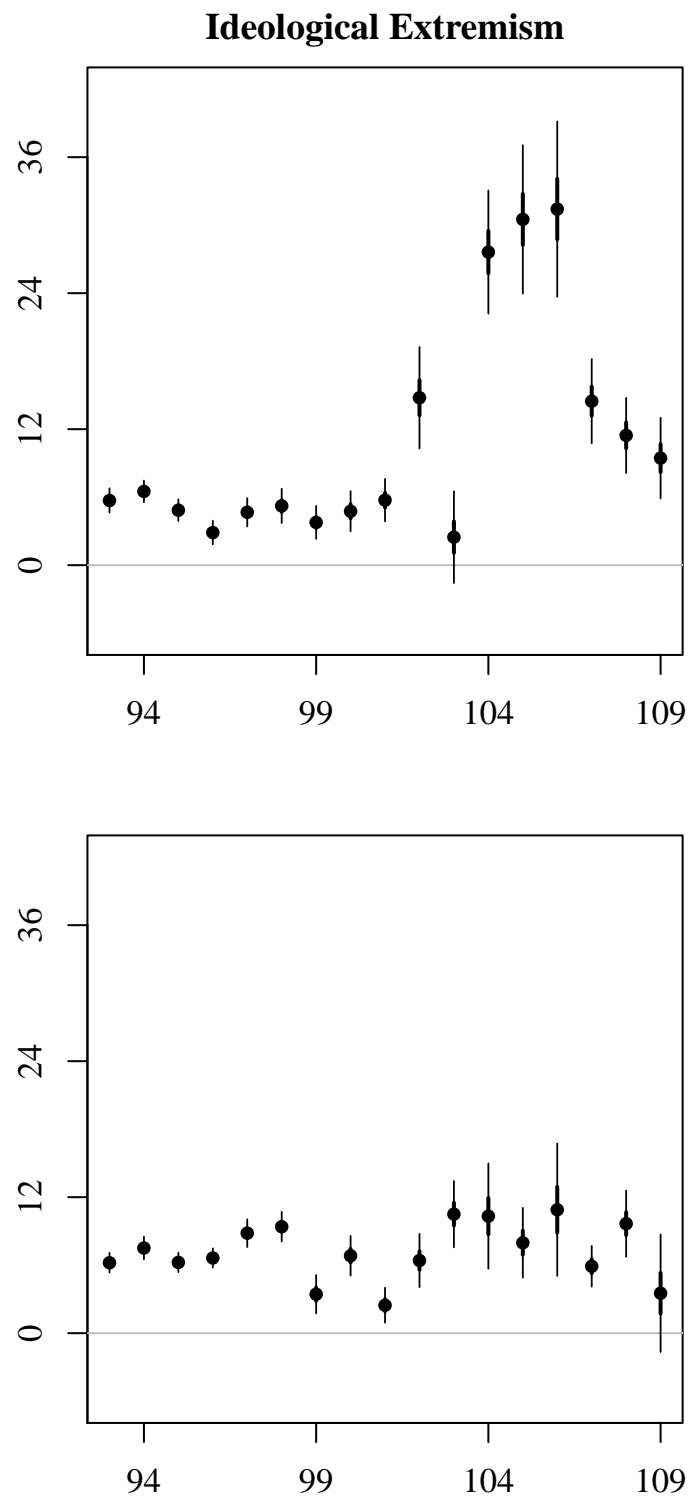


Figure 3: Figure 2, Ideological Extremism, House



	Model 1	Model 2
ideological_extremism	−2.913*** (0.780)	−6.115*** (1.449)
chair	−1.839** (0.690)	−1.056 (1.634)
pfrate100	0.809*** (0.042)	0.848*** (0.066)
pres_vote_share	32.148*** (3.298)	27.069*** (6.069)
vote_share	−7.566* (3.404)	−3.953 (4.469)
power_committee	−0.443 (0.968)	0.903 (2.389)
female	−0.315 (0.909)	−2.158 (2.310)
afam	4.058 (3.060)	
latino	−0.759 (2.564)	
up_for_reelection	−0.656 (0.523)	−1.556 (1.248)
seniority	−0.004 (0.077)	−0.005 (0.186)
freshman	−1.170 (0.725)	1.653 (1.687)
retiree	2.525* (1.164)	2.213 (2.613)
best_committee	0.114 (0.166)	0.530 (0.354)
leader	−0.545 (0.868)	−2.463 (2.613)
(Intercept)	6.579 (3.807)	−5.079 (7.180)
R ²	0.551	0.614
Adj. R ²	0.543	0.592
Num. obs.	793	244
RMSE	6.664	8.531

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Table 4: Senate $p < 0.01$

	Other Democrats	Southern Democrats
ideological_extremism	0.179 (0.638)	-3.569** (1.266)
chair	0.139 (0.582)	0.110 (1.464)
pfrate100	0.749*** (0.035)	0.964*** (0.060)
pres_vote_share	21.199*** (2.785)	12.636* (5.456)
vote_share	-5.848* (2.875)	-2.366 (4.013)
power_committee	-1.666* (0.816)	-0.023 (2.146)
female	-0.604 (0.767)	-6.544** (2.075)
afam	3.260 (2.583)	
latino	-2.173 (2.165)	
up_for_reelection	-0.662 (0.441)	-0.899 (1.119)
seniority	-0.140* (0.065)	-0.062 (0.167)
freshman	-1.617** (0.612)	-0.169 (1.510)
retiree	2.417* (0.982)	0.467 (2.344)
best_committee	0.270 (0.140)	0.224 (0.317)
leader	0.082 (0.733)	-2.144 (2.346)
(Intercept)	12.495*** (3.178)	-4.481 (6.527)
R ²	0.606	0.698
Adj. R ²	0.598	0.681
Num. obs.	793	244
RMSE	5.625	7.650

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$

Table 5: Senate $p < 0.05$