

08 March 2017

1 Overview

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Each of these is included throughout the rest of this document. Further, I include a regression table for our models of Southern/Other Democrats and Gingrich Senators/Other Republicans. We should discuss which of these results would be best discussed in the paper and if there are further tests we want to conduct in addition to when we want to begin writing.

2 New Tables and Figures

3 Past Tables and Figures to Include in Paper

Table 1: Senate Fixed Effects Models

	Democrats	Republicans	Majority	Minority
ideological_extremism	2.96*** (0.71)	3.98*** (0.74)	1.84** (0.65)	3.84*** (0.98)
pfrate100	0.37*** (0.05)	0.26*** (0.05)	0.37*** (0.05)	0.17* (0.07)
vote_share	2.41 (2.50)	-5.28 (2.96)	2.19 (2.66)	-2.07 (3.65)
pres_vote_share	27.60*** (4.13)	8.76 (5.46)	30.65*** (5.88)	14.12* (5.88)
freshman	0.72 (0.48)	1.05* (0.46)	0.78 (0.46)	0.81 (0.75)
retiree	0.24 (0.84)	0.96 (0.83)	0.38 (1.02)	0.89 (0.90)
best_committee	0.14 (0.14)	0.06 (0.15)	0.30 (0.16)	0.34* (0.16)
up_for_reelection	-0.55* (0.27)	-1.50*** (0.34)	-1.03*** (0.28)	-0.99** (0.37)
power_committee	-0.48 (0.72)	-0.03 (0.96)	-1.28 (0.91)	-0.36 (0.97)
leader	0.94 (0.48)	1.47* (0.62)	1.38 (0.79)	1.30 (0.80)
chair	0.37 (0.64)	0.67 (0.70)	-0.57 (0.56)	
Num. obs.	1039	949	1049	841
R ² (full model)	0.89	0.91	0.92	0.94
R ² (proj model)	0.26	0.19	0.31	0.17
Adj. R ² (full model)	0.87	0.88	0.89	0.91
Adj. R ² (proj model)	0.09	-0.02	0.02	-0.22

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

Table 2: Senate Party & Majority Status Models

	Democrats		Republicans	
	Majority	Minority	Majority	Minority
ideological_extremism	1.02*	5.56***	7.56***	8.28***
	(0.46)	(0.79)	(0.45)	(0.50)
chair	0.07		-1.35	
	(0.60)		(0.76)	
pfrate100	0.86***	0.65***	0.64***	0.68***
	(0.03)	(0.07)	(0.04)	(0.05)
pres_vote_share	23.96***	20.49***	-15.18***	-14.60**
	(2.39)	(5.51)	(3.37)	(5.04)
south	-2.00**	-1.21	-1.54*	2.69**
	(0.61)	(1.10)	(0.68)	(0.88)
power_committee	-0.26	-2.29	1.03	-0.06
	(0.84)	(1.57)	(1.05)	(1.47)
vote_share	-3.64	-7.10	10.31**	20.98***
	(2.31)	(4.21)	(3.24)	(4.22)
female	0.70	2.59	-0.76	2.24
	(0.84)	(1.43)	(1.20)	(1.88)
afam	2.74	-3.08		-9.42*
	(3.60)	(4.36)		(4.70)
latino	-0.04	9.17	10.24**	3.65
	(1.94)	(7.44)	(3.22)	(4.00)
up_for_reelection	-0.56	-0.73	-1.61**	-1.52
	(0.45)	(0.85)	(0.62)	(0.82)
seniority	0.04	0.14	0.35***	0.01
	(0.07)	(0.09)	(0.10)	(0.11)
freshman	0.71	0.98	0.39	0.78
	(0.71)	(1.77)	(0.93)	(1.33)
retiree	2.77**	1.12	0.92	3.43*
	(0.95)	(1.86)	(1.31)	(1.38)
best_committee	0.14	0.53*	-0.41*	0.06
	(0.14)	(0.25)	(0.17)	(0.26)
leader	0.77	4.84**	0.95	0.76
	(0.78)	(1.47)	(0.95)	(1.15)
(Intercept)	1.94	15.49*	36.90***	16.57**
	(3.04)	(6.14)	(3.96)	(5.69)
R ²	0.79	0.59	0.68	0.65
Adj. R ²	0.78	0.57	0.67	0.64
Num. obs.	620	370	429	471
RMSE	5.01	7.23	5.45	7.85

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

Table 3: House Fixed Effects Models

	Democrats	Republicans	Majority	Minority
ideological_extremism	2.66*** (0.30)	1.03*** (0.29)	1.25*** (0.28)	2.35*** (0.25)
pfrate100	0.21*** (0.04)	-0.00 (0.03)	0.14*** (0.04)	0.13*** (0.04)
pres_vote_pct	0.03 (0.02)	-0.00 (0.03)	-0.01 (0.03)	0.06 (0.03)
vote_pct	0.01 (0.01)	-0.00 (0.01)	0.00 (0.01)	0.01 (0.01)
freshman	0.51 (0.27)	0.49 (0.29)	0.91*** (0.27)	0.01 (0.36)
bestgrosswart	0.01 (0.03)	0.01 (0.03)	0.01 (0.03)	-0.01 (0.03)
leader	0.23 (0.54)	1.60** (0.58)	0.75 (0.44)	1.34 (0.81)
power	0.18 (0.45)	-0.34 (0.46)	0.64 (0.39)	-0.26 (0.50)
chair	0.58 (0.66)	1.65* (0.66)	0.91 (0.56)	
Num. obs.	4746	3798	4902	3642
R ² (full model)	0.91	0.90	0.94	0.91
R ² (proj model)	0.08	0.03	0.06	0.07
Adj. R ² (full model)	0.88	0.87	0.91	0.88
Adj. R ² (proj model)	-0.14	-0.26	-0.32	-0.32

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

Table 4: House Party & Majority Status Models

	Democrats		Republicans	
	Majority	Minority	Majority	Minority
ideological_extremism	9.44*** (0.21)	5.50*** (0.28)	0.90*** (0.16)	10.22*** (0.24)
pfrate100	0.72*** (0.02)	0.46*** (0.03)	0.12*** (0.02)	0.59*** (0.03)
pres_vote_pct	0.07*** (0.01)	0.34*** (0.02)	0.27*** (0.02)	0.04 (0.02)
south	-0.89** (0.34)	-3.27*** (0.48)	1.18*** (0.28)	1.42*** (0.38)
vote_pct	-0.05*** (0.01)	-0.11*** (0.02)	-0.05*** (0.01)	-0.06*** (0.01)
female	-0.05 (0.48)	1.36** (0.48)	-0.87* (0.44)	-0.28 (0.69)
afam	-1.43* (0.58)	-0.72 (0.64)	0.70 (1.85)	8.61 (5.25)
latino	3.57*** (0.70)	-0.32 (0.68)	0.95 (0.79)	0.16 (1.60)
seniority	0.13*** (0.04)	0.01 (0.05)	-0.15*** (0.04)	-0.26*** (0.06)
freshman	-0.31 (0.41)	-0.49 (0.65)	1.92*** (0.39)	-1.02* (0.51)
bestgrosswart	-0.06* (0.02)	0.14*** (0.03)	-0.11*** (0.02)	-0.37*** (0.03)
leader	2.31** (0.79)	2.30** (0.83)	2.78*** (0.68)	2.49** (0.81)
power	1.92*** (0.32)	-0.01 (0.49)	2.32*** (0.30)	2.18*** (0.43)
chair	1.15* (0.53)		2.02*** (0.48)	
(Intercept)	18.71*** (2.03)	28.81*** (2.63)	69.10*** (1.66)	30.05*** (2.76)
R ²	0.69	0.54	0.28	0.54
Adj. R ²	0.69	0.53	0.27	0.54
Num. obs.	3323	1423	1579	2219
RMSE	7.19	6.74	4.82	7.41

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