

22 February 2017, cont.

1 Tables and Figures, cont.

1.1 House lm Descriptive Statistics

congress	party calls	noncalls	gray votes
93	504	535	3
94	601	599	7
95	660	806	4
96	631	596	1
97	425	289	63
98	542	298	15
99	523	318	2
100	559	289	4
101	496	318	2
102	569	251	24
103	754	278	6
104	857	392	0
105	592	481	2
106	768	226	79
107	640	169	1
108	627	251	102
109	659	288	91
110	1087	316	147
111	787	340	84
112	1272	173	80
Total:	13553	7213	717
Mean:	677.7	360.7	35.9
sd:	204.4	162.7	45.4

	party call	noncall	gray
lopsided	4245	6123	686
close	9308	1090	31

Table 1: Responsiveness Statistics

Statistic	N	Mean	St. Dev.	Min	Max
Democrats:					
party free ideal point	4,749	-0.545	0.809	-4.076	4.317
pirate100	4,749	86.299	12.111	8.021	100.000
pfrate100	4,746	86.996	7.214	0.000	100.000
ideological extremism	4,749	0.545	0.809	-4.317	4.076
Republicans:					
party free ideal point	3,801	0.673	0.786	-2.473	9.347
pirate100	3,801	85.198	10.609	31.276	100.000
pfrate100	3,798	86.904	7.858	28.302	100.000
ideological extremism	3,801	0.673	0.786	-2.473	9.347
Majority Party:					
party free ideal point	4,905	-0.152	0.958	-4.076	9.347
pirate100	4,905	87.612	11.446	8.021	100.000
pfrate100	4,902	87.078	7.587	0.000	100.000
ideological extremism	4,905	0.526	0.814	-4.317	9.347
Minority Party:					
party free ideal point	3,645	0.197	1.027	-3.524	4.084
pirate100	3,645	83.384	11.073	20.077	100.000
pfrate100	3,642	86.791	7.395	38.889	100.000
ideological extremism	3,645	0.705	0.773	-1.756	4.084

1.2 House lm Models

Table 2: Bivariate DV/IV Regressions

	Democrats	Democrats	Republican	Republican
pfrate100	0.71*** (0.02)		0.26*** (0.02)	
ideological extremism		9.88*** (0.16)		4.67*** (0.21)
(Intercept)	24.69*** (1.93)	80.91*** (0.16)	62.37*** (1.87)	82.05*** (0.21)
R ²	0.18	0.44	0.04	0.12
Adj. R ²	0.18	0.44	0.04	0.12
Num. obs.	4746	4749	3798	3801
RMSE	10.98	9.10	10.40	9.95

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

Table 3: Multivariate DV/IV Regressions

	Democrats	Republicans	Majority	Minority
pfrate100	0.690*** (0.015)	0.434*** (0.020)	0.593*** (0.015)	0.650*** (0.020)
ideological extremism	9.791*** (0.136)	5.940*** (0.203)	8.047*** (0.142)	9.666*** (0.193)
(Intercept)	20.907*** (1.337)	43.427*** (1.812)	31.709*** (1.328)	20.154*** (1.810)
R ²	0.606	0.216	0.503	0.428
Adj. R ²	0.606	0.215	0.503	0.428
Num. obs.	4746	3798	4902	3642
RMSE	7.603	9.394	8.067	8.370

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

Figure 1: Main DV and Ideological Extremism - Southern and Other House Democrats

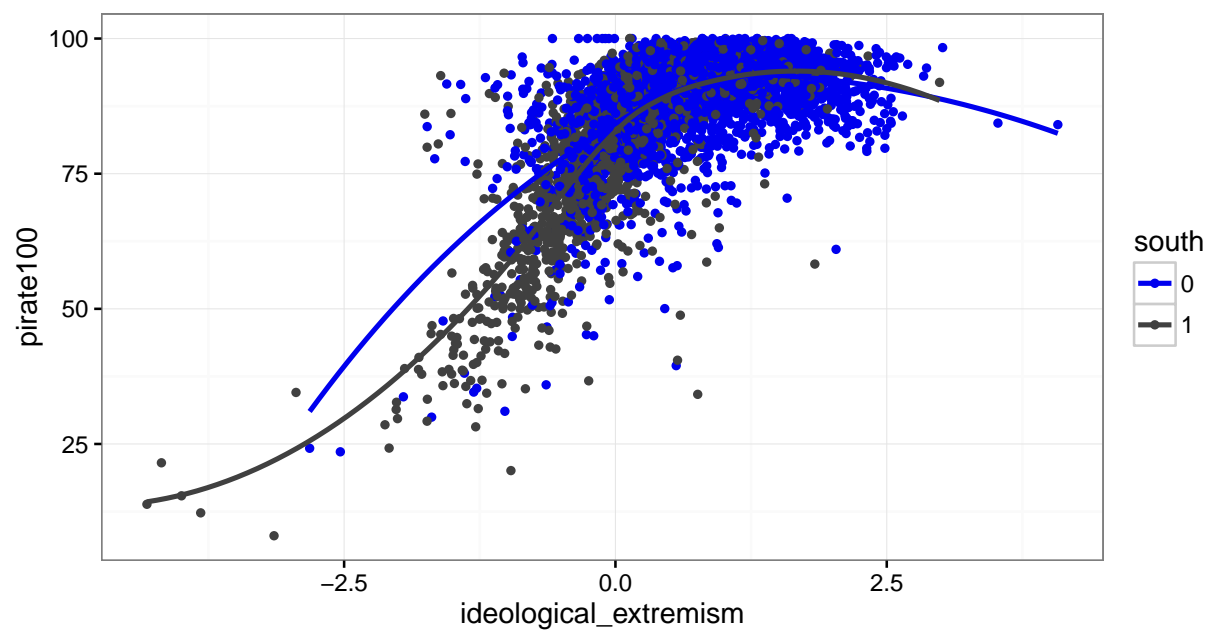


Figure 2: Main DV and Ideological Extremism - Majority and Minority House Democrats

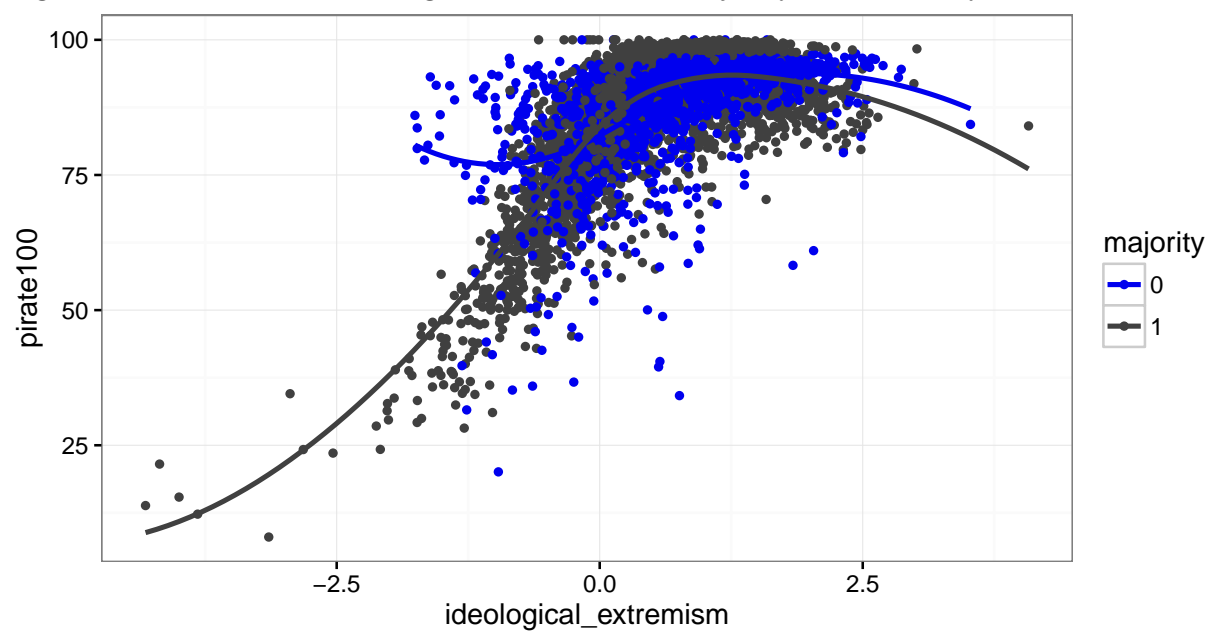


Figure 3: Main DV and Ideological Extremism - Southern and Other House Republicans

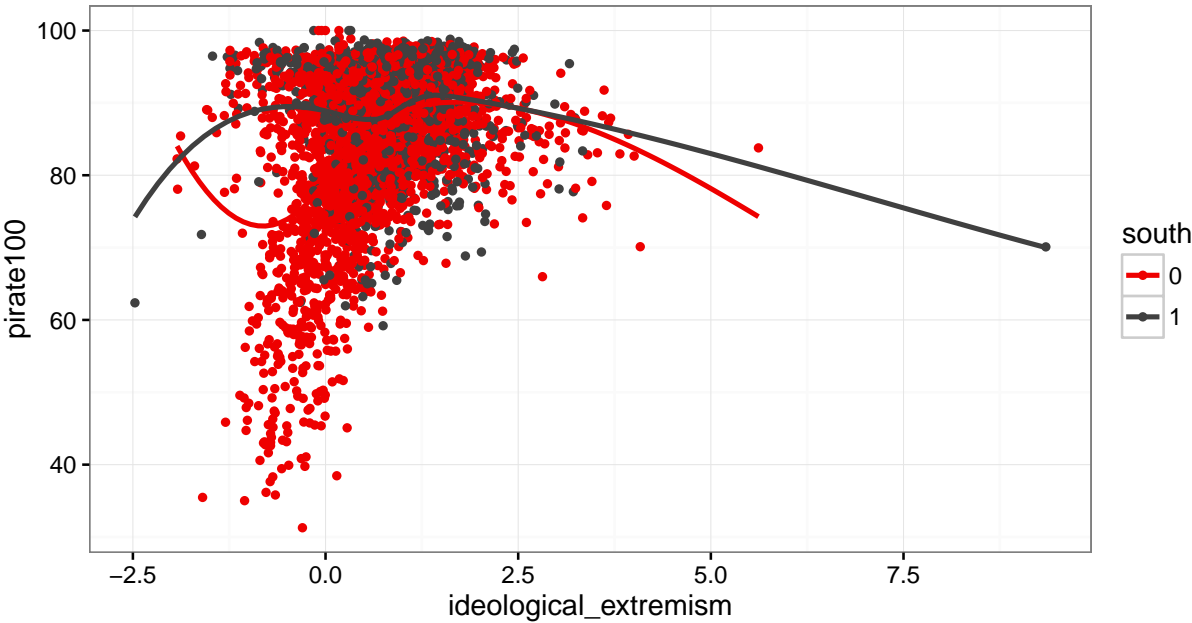


Figure 4: Main DV and Ideological Extremism - Majority and Minority House Republicans

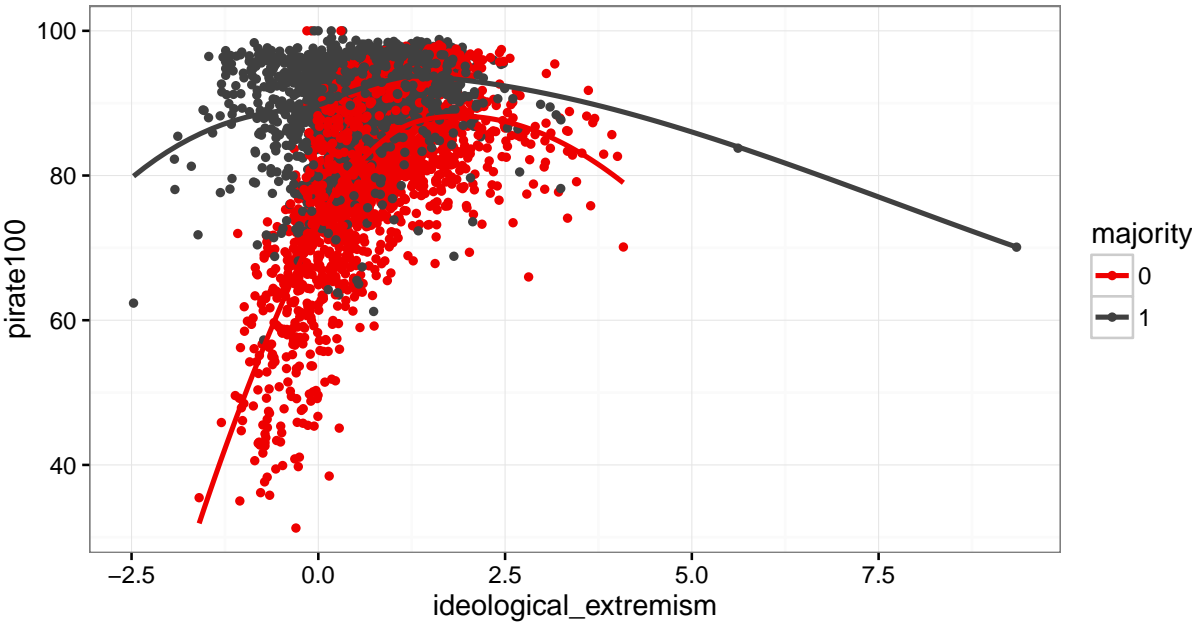


Figure 5: IV/IV Plot - Southern and Other House Democrats

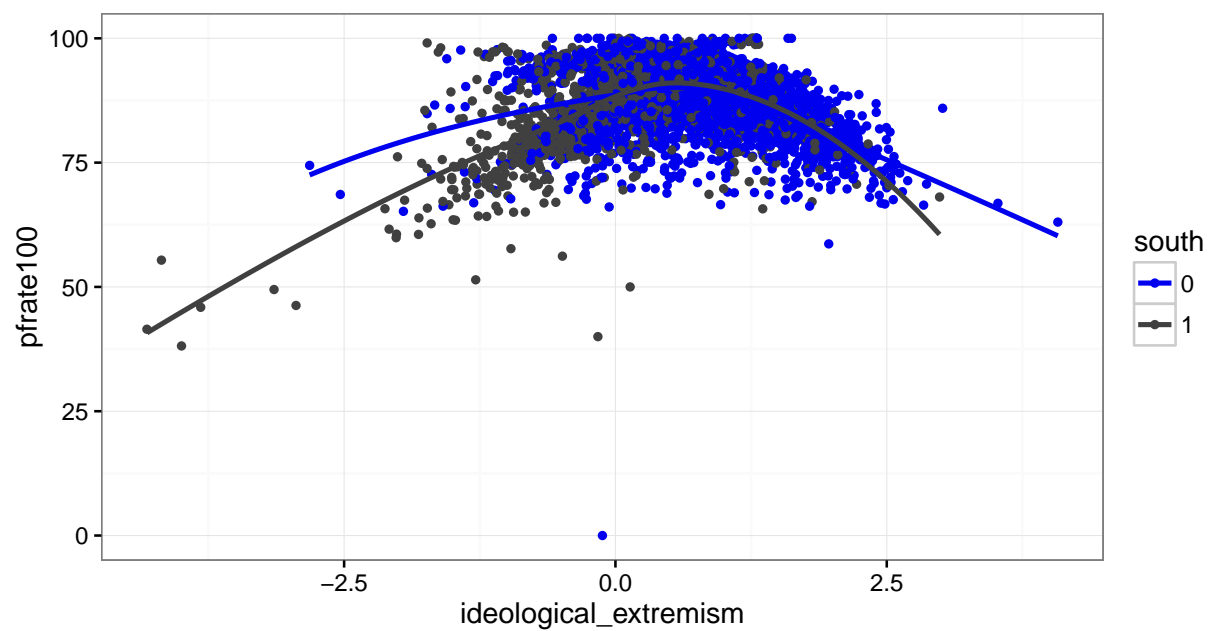


Figure 6: IV/IV Plot - Majority and Minority House Democrats

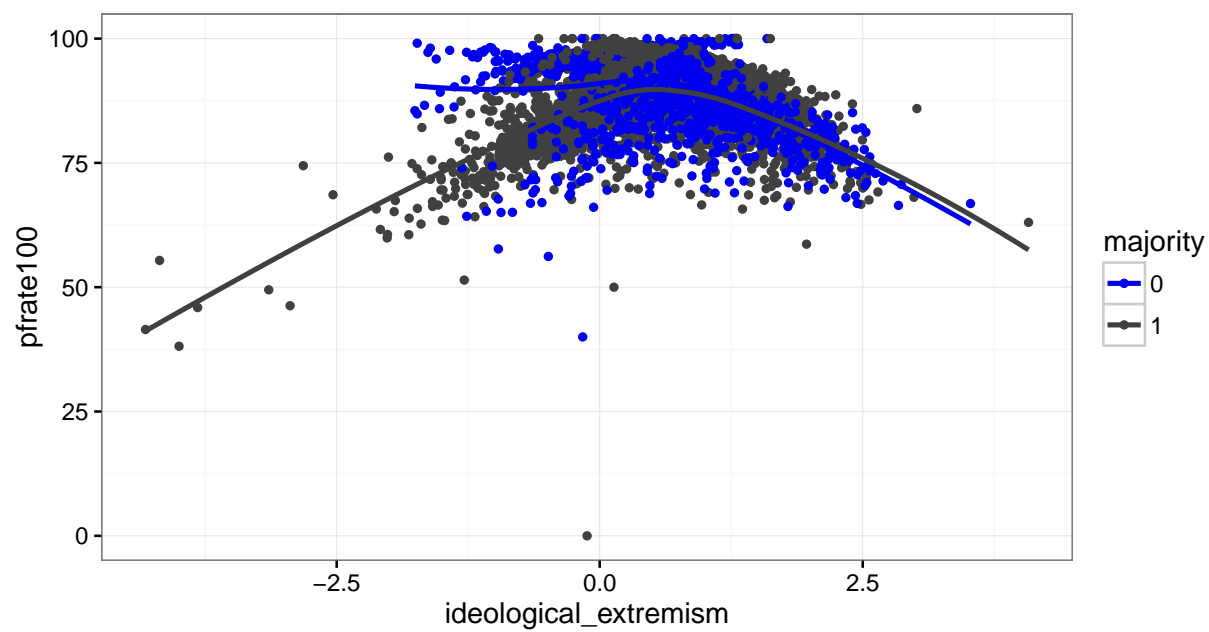


Figure 7: IV/IV Plot - Southern and Other House Republicans

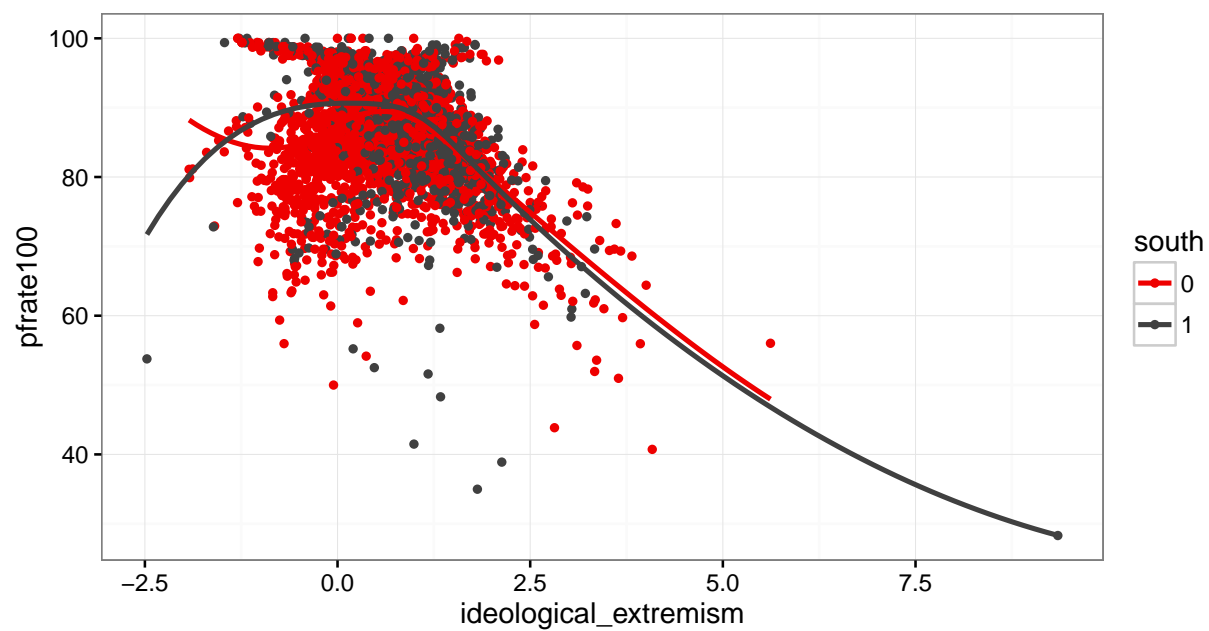


Figure 8: IV/IV Plot - Majority and Minority House Republicans

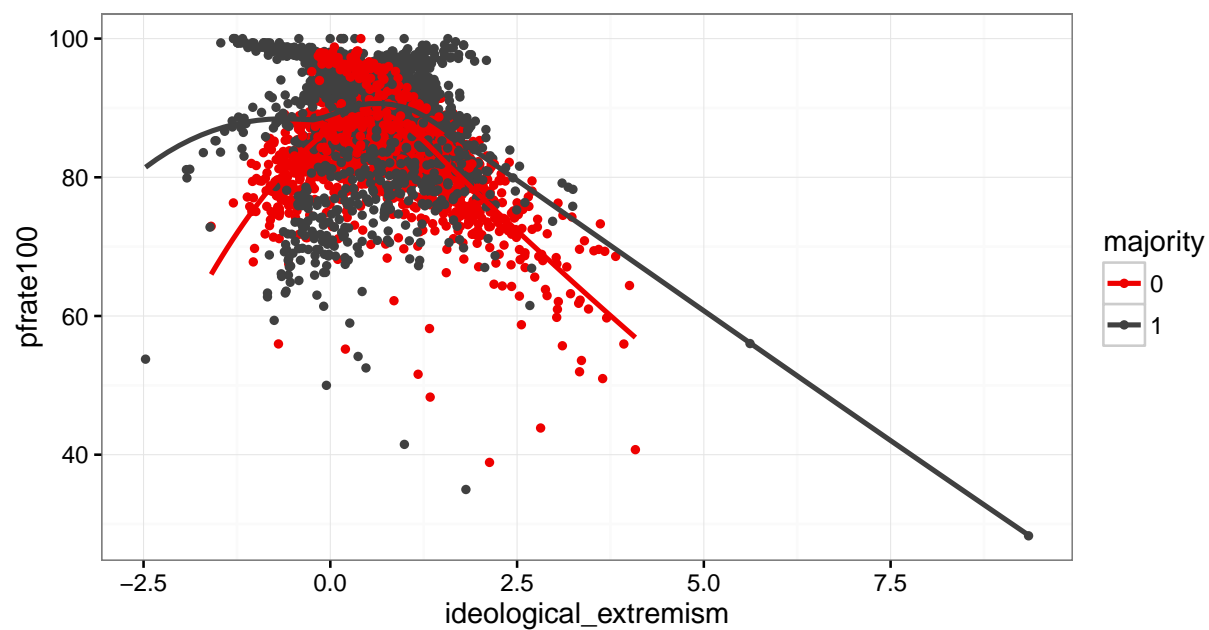


Table 4: Full Regression Tables

	Democrats	Republicans	Majority	Minority
(Intercept)	24.00*** (1.58)	53.05*** (2.21)	36.42*** (1.49)	17.69*** (2.05)
ideological_extremism	8.34*** (0.17)	5.84*** (0.21)	6.64*** (0.16)	8.73*** (0.20)
pfrate100	0.64*** (0.02)	0.41*** (0.02)	0.52*** (0.01)	0.63*** (0.02)
pres_vote_pct	0.09*** (0.01)	-0.09*** (0.02)	0.20*** (0.01)	0.17*** (0.02)
south	-2.43*** (0.28)	3.63*** (0.34)	-1.65*** (0.25)	-0.36 (0.31)
vote_pct	-0.04*** (0.01)	-0.00 (0.01)	-0.09*** (0.01)	-0.07*** (0.01)
female	0.53 (0.35)	-0.08 (0.58)	-0.13 (0.40)	2.12*** (0.44)
afam	-0.52 (0.44)	5.02 (2.98)	-3.04*** (0.53)	3.23*** (0.61)
latino	1.73*** (0.51)	2.42* (1.16)	2.83*** (0.63)	3.01*** (0.70)
seniority	0.05 (0.03)	-0.33*** (0.05)	0.02 (0.03)	0.01 (0.04)
freshman	-0.07 (0.36)	1.01* (0.46)	0.28 (0.35)	-0.40 (0.44)
bestgrosswart	-0.04* (0.02)	-0.24*** (0.03)	-0.17*** (0.02)	-0.16*** (0.02)
leader	1.96** (0.60)	2.79*** (0.76)	2.62*** (0.65)	1.78** (0.65)
power	1.82*** (0.28)	2.94*** (0.37)	3.02*** (0.27)	1.05** (0.36)
chair	2.46*** (0.50)	9.57*** (0.80)	1.85*** (0.44)	-7.98 (4.63)
R ²	0.63	0.30	0.57	0.48
Adj. R ²	0.63	0.30	0.56	0.48
Num. obs.	4746	3798	4902	3642
RMSE	7.36	8.88	7.55	8.01

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

Figure 9: House lm Coefficient Plot

