

## 1 Overview

This past week, my efforts were focused on correcting and updating our covariate data, checking the senate data with the model sorting based on different  $p$ -value thresholds, and redoing the summary statistics, regression tables, and figures with the new and newly corrected data.

Since there is obviously missingness within appointees on things such as vote share, I have dropped these from our summary statistics since they are not included in our analyses. Further, I chosen to constrain analyses on the Senate to the model in which the  $p$ -value threshold was 0.01 and the model in which it was 0.05. This was done to condense the update and allow us to focus on comparing the most differently specified models we have for comparison.

There are still some missing values in the House data (primarily the committee values). I will be working to correct these over the coming week.

Since L<sup>A</sup>T<sub>E</sub>X is messing up when I import as many tables as I want to, I include the regression tables and figures in a second document.

## 2 Tables and Figures

The summary statistics tables are included in this document. Since all other values are the same for them, I include the different variables produced by our sorting algorithm with differing specifications with the other covariates. As before, these are divided into separate tables for Democrats, Republicans, Majority Caucus, and Minority Caucus. After this, I include summary stats for the House replication model. Having done this, it is apparent I have a few corrections left to make in the House dataset and will do so over the coming week. These are tables 1 through 8 on pages 2 through 9 of this document.

Following this I provide summaries of the gray vote counts by Congress and aggregated for the different  $p$ -value thresholds. In order to conserve space I have focused on getting them summarized by close and lopsided votes and by congress. These are tables 9 through 18 on the bottom of page 9 through page 14 of this document.

Table 1: Senate Democrats

Statistic	N	Mean	St. Dev.	Min	Max
maj	1,042	0.633	0.473	0.000	1.000
pres_vote_share	1,042	0.484	0.093	0.201	0.730
vote_share	1,042	0.619	0.103	0.226	1.000
south	1,042	0.234	0.424	0	1
south11	1,042	0.211	0.408	0	1
south13	1,042	0.236	0.425	0	1
south17	1,042	0.340	0.474	0	1
south_dem	1,042	0.231	0.422	0	1
leader	1,042	0.083	0.277	0	1
chair	1,042	0.208	0.406	0	1
best_committee	1,042	12.244	2.782	0	15
power_committee	1,039	0.729	0.445	0	1
up_for_reelection	1,042	0.334	0.472	0	1
freshman	1,042	0.325	0.469	0	1
superfreshman	1,042	0.008	0.087	0	1
seniority	1,042	6.810	4.941	1	26
senate_seniority	1,042	2.607	1.637	1	9
retiree	1,042	0.051	0.220	0	1
afam	1,042	0.005	0.069	0	1
female	1,042	0.084	0.278	0	1
latino	1,042	0.008	0.087	0	1
gingrich_senator	1,042	0.000	0.000	0	0
party_free_ideal_point ( $p < 0.01$ )	1,042	-0.791	0.521	-2.037	1.389
pirate100 ( $p < 0.01$ )	1,039	82.629	11.671	6.250	100.000
pfrate100 ( $p < 0.01$ )	1,042	84.098	10.079	19.095	100.000
ideological_extremism ( $p < 0.01$ )	1,042	0.791	0.521	-1.389	2.037
party_free_ideal_point ( $p < 0.02$ )	1,042	-0.793	0.518	-2.036	1.416
pirate100 ( $p < 0.02$ )	1,039	82.119	11.910	6.250	100.000
pfrate100 ( $p < 0.02$ )	1,042	84.288	9.929	19.582	100.000
ideological_extremism ( $p < 0.02$ )	1,042	0.793	0.518	-1.416	2.036
party_free_ideal_point ( $p < 0.03$ )	1,042	-0.788	0.524	-2.081	1.460
pirate100 ( $p < 0.03$ )	1,039	82.475	11.490	10.256	100.000
pfrate100 ( $p < 0.03$ )	1,042	84.208	9.952	19.303	100.000
ideological_extremism ( $p < 0.03$ )	1,042	0.788	0.524	-1.460	2.081
party_free_ideal_point ( $p < 0.04$ )	1,042	-0.789	0.524	-2.072	1.537
pirate100 ( $p < 0.04$ )	1,039	82.357	11.427	11.628	100.000
pfrate100 ( $p < 0.04$ )	1,042	84.270	9.913	19.512	100.000
ideological_extremism ( $p < 0.04$ )	1,042	0.789	0.524	-1.537	2.072
party_free_ideal_point ( $p < 0.05$ )	1,042	-0.784	0.530	-2.059	1.568
pirate100 ( $p < 0.05$ )	1,039	82.391	11.120	12.000	100.000
pfrate100 ( $p < 0.05$ )	1,042	84.259	9.994	20.000	100.000
ideological_extremism ( $p < 0.05$ )	1,042	0.784	0.530	-1.568	2.059

Table 2: Senate Republicans

Statistic	N	Mean	St. Dev.	Min	Max
maj	952	0.465	0.489	0.000	1.000
pres_vote_share	952	0.562	0.085	0.310	0.780
vote_share	952	0.604	0.096	0.403	1.000
south	952	0.276	0.447	0	1
south11	952	0.230	0.421	0	1
south13	952	0.287	0.452	0	1
south17	952	0.339	0.474	0	1
south_dem	952	0.000	0.000	0	0
leader	952	0.117	0.321	0	1
chair	952	0.154	0.362	0	1
best_committee	952	12.317	2.625	0	15
power_committee	951	0.723	0.448	0	1
up_for_reelection	952	0.332	0.471	0	1
freshman	952	0.388	0.487	0	1
superfreshman	952	0.005	0.072	0	1
seniority	952	5.667	4.166	1	24
senate_seniority	952	2.231	1.373	1	8
retiree	952	0.066	0.249	0	1
afam	952	0.003	0.056	0	1
female	952	0.049	0.217	0	1
latino	952	0.007	0.085	0	1
gingrich_senator	952	0.196	0.398	0	1
party_free_ideal_point ( $p < 0.01$ )	952	0.871	0.590	-1.189	2.664
pirate100 ( $p < 0.01$ )	952	83.249	12.597	32.990	100.000
pfrate100 ( $p < 0.01$ )	952	81.883	10.182	41.923	100.000
ideological_extremism ( $p < 0.01$ )	952	0.871	0.590	-1.189	2.664
party_free_ideal_point ( $p < 0.02$ )	952	0.873	0.589	-1.220	2.669
pirate100 ( $p < 0.02$ )	952	81.983	12.271	36.078	100.000
pfrate100 ( $p < 0.02$ )	952	81.989	10.094	41.565	100.000
ideological_extremism ( $p < 0.02$ )	952	0.873	0.589	-1.220	2.669
party_free_ideal_point ( $p < 0.03$ )	952	0.868	0.597	-1.263	2.724
pirate100 ( $p < 0.03$ )	952	82.078	11.810	37.282	100.000
pfrate100 ( $p < 0.03$ )	952	81.935	10.229	41.144	100.000
ideological_extremism ( $p < 0.03$ )	952	0.868	0.597	-1.263	2.724
party_free_ideal_point ( $p < 0.04$ )	952	0.868	0.595	-1.269	2.719
pirate100 ( $p < 0.04$ )	952	81.814	11.822	37.288	100.000
pfrate100 ( $p < 0.04$ )	952	82.024	10.231	41.954	100.000
ideological_extremism ( $p < 0.04$ )	952	0.868	0.595	-1.269	2.719
party_free_ideal_point ( $p < 0.05$ )	952	0.863	0.604	-1.291	2.679
pirate100 ( $p < 0.05$ )	952	81.717	11.717	35.714	100.000
pfrate100 ( $p < 0.05$ )	952	81.949	10.289	41.515	100.000
ideological_extremism ( $p < 0.05$ )	952	0.863	0.604	-1.291	2.679

Table 3: Senate Majority Caucus

Statistic	N	Mean	St. Dev.	Min	Max
maj	1,053	1.000	0.000	1	1
pres_vote_share	1,053	0.506	0.101	0.201	0.780
vote_share	1,053	0.613	0.101	0.226	1.000
south	1,053	0.263	0.441	0	1
south11	1,053	0.231	0.422	0	1
south13	1,053	0.267	0.443	0	1
south17	1,053	0.345	0.476	0	1
south_dem	1,053	0.146	0.354	0	1
leader	1,053	0.096	0.295	0	1
chair	1,053	0.329	0.470	0	1
best_committee	1,053	12.256	2.756	0	15
power_committee	1,050	0.720	0.449	0	1
up_for_reelection	1,053	0.323	0.468	0	1
freshman	1,053	0.390	0.488	0	1
superfreshman	1,053	0.005	0.069	0	1
seniority	1,053	6.096	4.625	1	26
senate_seniority	1,053	2.376	1.528	1	9
retiree	1,053	0.051	0.221	0	1
afam	1,053	0.002	0.044	0	1
female	1,053	0.065	0.246	0	1
latino	1,053	0.009	0.097	0	1
gingrich_senator	1,053	0.087	0.283	0	1
party_free_ideal_point ( $p < 0.01$ )	1,053	-0.062	0.904	-2.005	2.351
pirate100 ( $p < 0.01$ )	1,050	83.490	11.497	40.625	100.000
pfrate100 ( $p < 0.01$ )	1,053	84.475	9.766	36.663	100.000
ideological_extremism ( $p < 0.01$ )	1,053	0.739	0.524	-1.389	2.351
party_free_ideal_point ( $p < 0.02$ )	1,053	-0.061	0.903	-1.953	2.379
pirate100 ( $p < 0.02$ )	1,050	82.931	11.642	36.395	100.000
pfrate100 ( $p < 0.02$ )	1,053	84.611	9.587	37.949	100.000
ideological_extremism ( $p < 0.02$ )	1,053	0.741	0.519	-1.416	2.379
party_free_ideal_point ( $p < 0.03$ )	1,053	-0.056	0.902	-1.966	2.375
pirate100 ( $p < 0.03$ )	1,050	83.373	11.261	35.650	100.000
pfrate100 ( $p < 0.03$ )	1,053	84.539	9.598	38.483	100.000
ideological_extremism ( $p < 0.03$ )	1,053	0.736	0.524	-1.460	2.375
party_free_ideal_point ( $p < 0.04$ )	1,053	-0.054	0.901	-1.966	2.362
pirate100 ( $p < 0.04$ )	1,050	83.141	11.198	34.626	100.000
pfrate100 ( $p < 0.04$ )	1,053	84.645	9.561	39.092	100.000
ideological_extremism ( $p < 0.04$ )	1,053	0.737	0.521	-1.537	2.362
party_free_ideal_point ( $p < 0.05$ )	1,053	-0.059	0.902	-1.966	2.379
pirate100 ( $p < 0.05$ )	1,050	83.177	11.008	35.190	100.000
pfrate100 ( $p < 0.05$ )	1,053	84.608	9.672	38.983	100.000
ideological_extremism ( $p < 0.05$ )	1,053	0.732	0.531	-1.568	2.379

Table 4: Senate Minority Caucus

Statistic	N	Mean	St. Dev.	Min	Max
maj	843	0.000	0.000	0	0
pres_vote_share	843	0.538	0.091	0.284	0.754
vote_share	843	0.611	0.099	0.403	1.000
south	843	0.242	0.429	0	1
south11	843	0.206	0.405	0	1
south13	843	0.251	0.434	0	1
south17	843	0.333	0.472	0	1
south_dem	843	0.093	0.290	0	1
leader	843	0.102	0.303	0	1
chair	843	0.000	0.000	0	0
best_committee	843	12.304	2.632	0	15
power_committee	842	0.733	0.443	0	1
up_for_reelection	843	0.345	0.476	0	1
freshman	843	0.311	0.463	0	1
superfreshman	843	0.009	0.097	0	1
seniority	843	6.421	4.545	1	24
senate_seniority	843	2.476	1.506	1	8
retiree	843	0.069	0.253	0	1
afam	843	0.007	0.084	0	1
female	843	0.065	0.247	0	1
latino	843	0.006	0.077	0	1
gingrich_senator	843	0.091	0.288	0	1
party_free_ideal_point ( $p < 0.01$ )	843	0.082	1.100	-2.037	2.664
pirate100 ( $p < 0.01$ )	843	82.013	12.712	6.250	100.000
pfrate100 ( $p < 0.01$ )	843	80.783	10.473	19.095	100.000
ideological_extremism ( $p < 0.01$ )	843	0.928	0.594	-1.189	2.664
party_free_ideal_point ( $p < 0.02$ )	843	0.081	1.101	-2.036	2.669
pirate100 ( $p < 0.02$ )	843	80.832	12.453	6.250	100.000
pfrate100 ( $p < 0.02$ )	843	80.941	10.422	19.582	100.000
ideological_extremism ( $p < 0.02$ )	843	0.930	0.594	-1.220	2.669
party_free_ideal_point ( $p < 0.03$ )	843	0.074	1.103	-2.081	2.724
pirate100 ( $p < 0.03$ )	843	80.751	12.006	10.256	100.000
pfrate100 ( $p < 0.03$ )	843	80.869	10.567	19.303	100.000
ideological_extremism ( $p < 0.03$ )	843	0.925	0.604	-1.263	2.724
party_free_ideal_point ( $p < 0.04$ )	843	0.072	1.104	-2.072	2.719
pirate100 ( $p < 0.04$ )	843	80.540	11.967	11.628	100.000
pfrate100 ( $p < 0.04$ )	843	80.909	10.572	19.512	100.000
ideological_extremism ( $p < 0.04$ )	843	0.926	0.605	-1.269	2.719
party_free_ideal_point ( $p < 0.05$ )	843	0.078	1.102	-2.059	2.679
pirate100 ( $p < 0.05$ )	843	80.393	11.687	12.000	100.000
pfrate100 ( $p < 0.05$ )	843	80.862	10.622	20.000	100.000
ideological_extremism ( $p < 0.05$ )	843	0.919	0.613	-1.291	2.679

Table 5: House Democrats

Statistic	N	Mean	St. Dev.	Min	Max
dem	4,745	1.000	0.000	1	1
majority	4,745	0.701	0.458	0	1
female	4,745	0.113	0.317	0	1
afam	4,745	0.112	0.316	0	1
latino	4,745	0.050	0.217	0	1
votepct	4,745	70.250	14.580	36	100
speaker	4,745	0.002	0.044	0	1
chair	4,745	0.062	0.241	0	1
subchr	4,745	0.321	0.467	0	1
power	4,745	0.257	0.437	0	1
seniority	4,745	5.755	4.381	1	29
maj_leader	4,745	0.019	0.137	0	1
min_leader	4,745	0.015	0.122	0	1
south	4,745	0.365	0.482	0	1
les	4,745	1.113	1.703	0.000	18.686
drop	4,745	0.000	0.000	0	0
freshman	4,745	0.140	0.347	0	1
leader	4,745	0.034	0.182	0	1
dpres	4,745	54.864	14.495	16.310	96.060
pres_votepct	4,745	54.864	14.495	16.310	96.060
bestgrosswart	4,678	14.037	6.216	0	22
party_free_ideal_point	4,743	-0.750	0.600	-2.335	3.957
pirate100	4,742	82.707	12.120	9.402	100.000
pfrate100	4,742	87.661	8.384	0.000	100.000
ideological_extremism	4,743	0.751	0.598	-3.957	2.335

Table 6: House Republicans

Statistic	N	Mean	St. Dev.	Min	Max
dem	3,807	0.000	0.000	0	0
majority	3,807	0.416	0.493	0	1
female	3,807	0.069	0.254	0	1
afam	3,807	0.002	0.049	0	1
latino	3,807	0.016	0.126	0	1
votepct	3,807	65.771	12.303	37	100
speaker	3,807	0.002	0.043	0	1
chair	3,807	0.038	0.190	0	1
subchr	3,807	0.160	0.367	0	1
power	3,807	0.251	0.433	0	1
seniority	3,807	4.805	3.541	1	21
maj_leader	3,807	0.015	0.120	0	1
min_leader	3,807	0.024	0.153	0	1
south	3,807	0.367	0.482	0	1
les	3,807	0.875	1.438	0.000	17.547
freshman	3,807	0.176	0.381	0	1
leader	3,807	0.039	0.193	0	1
dpres	3,807	41.321	8.563	13.170	76.530
pres_votepct	3,807	58.679	8.563	23.470	86.830
bestgrosswart	3,759	13.951	6.224	0	22
party_free_ideal_point	3,807	0.927	0.498	-1.590	3.757
pirate100	3,807	84.224	10.493	34.253	100.000
pfrate100	3,805	87.056	8.516	43.636	100.000
ideological_extremism	3,807	0.933	0.487	-1.586	3.757

Table 7: House Majority Party

Statistic	N	Mean	St. Dev.	Min	Max
dem	4,907	0.678	0.467	0	1
majority	4,907	1.000	0.000	1	1
female	4,907	0.082	0.274	0	1
afam	4,907	0.060	0.238	0	1
latino	4,907	0.032	0.175	0	1
votepct	4,907	69.672	14.383	36	100
speaker	4,907	0.003	0.053	0	1
chair	4,907	0.088	0.284	0	1
subchr	4,907	0.431	0.495	0	1
power	4,907	0.275	0.446	0	1
seniority	4,907	5.395	4.209	1	28
maj_leader	4,907	0.030	0.170	0	1
min_leader	4,907	0.000	0.000	0	0
south	4,907	0.393	0.488	0	1
les	4,907	1.459	1.951	0.000	18.686
freshman	4,907	0.165	0.371	0	1
leader	4,907	0.030	0.170	0	1
dpres	4,907	49.192	12.748	16.310	96.060
pres_votepct	4,907	52.841	12.453	16.310	96.060
bestgrosswart	4,841	14.304	6.175	0	22
party_free_ideal_point	4,905	-0.142	0.905	-2.299	3.957
pirate100	4,904	84.987	11.767	9.402	100.000
pfrate100	4,904	88.936	8.140	0.000	100.000
ideological_extremism	4,905	0.725	0.559	-3.957	2.299



Table 8: House Minority Party

Statistic	N	Mean	St. Dev.	Min	Max
dem	3,645	0.390	0.488	0	1
majority	3,645	0.000	0.000	0	0
female	3,645	0.110	0.313	0	1
afam	3,645	0.067	0.251	0	1
latino	3,645	0.039	0.193	0	1
vote_pct	3,645	66.351	12.714	37	100
speaker	3,645	0.001	0.023	0	1
chair	3,645	0.001	0.029	0	1
subchr	3,645	0.005	0.070	0	1
power	3,645	0.227	0.419	0	1
seniority	3,645	5.247	3.840	1	29
maj_leader	3,645	0.000	0.000	0	0
min_leader	3,645	0.045	0.207	0	1
south	3,645	0.331	0.470	0	1
les	3,645	0.398	0.445	0.000	3.726
freshman	3,645	0.143	0.351	0	1
leader	3,645	0.045	0.207	0	1
dpres	3,645	48.355	15.403	13.170	96.050
pres_vote_pct	3,645	61.571	10.297	23.470	96.050
bestgrosswart	3,596	13.588	6.255	0	22
party_free_ideal_point	3,645	0.184	1.093	-2.335	3.757
pirate100	3,645	81.225	10.631	23.741	100.000
pfrate100	3,643	85.313	8.409	32.800	100.000
ideological_extremism	3,645	0.976	0.525	-1.586	3.757

Table 9: Senate Coding Summary,  $p < 0.01$ 

	Party Calls	Noncalls	Gray
Lopsided Votes	647	5009	30
Close Votes	1316	5749	28

Table 10: Senate Extended Coding Summary,  $p < 0.01$

	congress	party_call_count	noncall_count	gray_vote_count
1	93	205	737	2
2	94	230	866	0
3	95	151	837	1
4	96	211	674	1
5	97	218	545	13
6	98	139	400	1
7	99	88	546	2
8	100	128	469	7
9	101	92	395	1
10	102	74	382	4
11	103	62	557	2
12	104	81	706	4
13	105	31	433	2
14	106	57	453	4
15	107	19	422	2
16	108	29	467	3
17	109	43	461	2
18	110	28	492	3
19	111	49	552	4
20	112	28	364	0

Table 11: Senate Coding Summary,  $p < 0.02$

	Party Calls	Noncalls	Gray
Lopsided Votes	913	4738	35
Close Votes	1627	5421	45

Table 12: Senate Extended Coding Summary,  $p < 0.02$

	congress	party_call_count	noncall_count	gray_vote_count
1	93	269	672	3
2	94	302	794	0
3	95	196	792	1
4	96	255	628	3
5	97	267	502	7
6	98	171	366	3
7	99	122	509	5
8	100	165	438	1
9	101	114	370	4
10	102	96	359	5
11	103	83	530	8
12	104	109	673	9
13	105	47	408	11
14	106	70	438	6
15	107	31	407	5
16	108	46	449	4
17	109	56	448	2
18	110	42	480	1
19	111	68	535	2
20	112	31	361	0

Table 13: Senate Coding Summary,  $p < 0.03$

	Party Calls	Noncalls	Gray
Lopsided Votes	1116	4524	46
Close Votes	1866	5181	46

Table 14: Senate Extended Coding Summary,  $p < 0.03$

	congress	party_call_count	noncall_count	gray_vote_count
1	93	302	638	4
2	94	341	753	2
3	95	235	753	1
4	96	295	591	0
5	97	289	472	15
6	98	193	343	4
7	99	148	481	7
8	100	198	396	10
9	101	139	345	4
10	102	116	340	4
11	103	108	511	2
12	104	130	656	5
13	105	69	392	5
14	106	86	420	8
15	107	45	395	3
16	108	56	436	7
17	109	69	436	1
18	110	50	468	5
19	111	79	521	5
20	112	34	358	0

Table 15: Senate Coding Summary,  $p < 0.04$

	Party Calls	Noncalls	Gray
Lopsided Votes	1249	4360	77
Close Votes	2011	4996	86

Table 16: Senate Extended Coding Summary,  $p < 0.04$

	congress	party_call_count	noncall_count	gray_vote_count
1	93	323	615	6
2	94	371	724	1
3	95	257	729	3
4	96	320	564	2
5	97	307	448	21
6	98	203	328	9
7	99	163	450	23
8	100	221	376	7
9	101	154	331	3
10	102	125	333	2
11	103	117	491	13
12	104	143	635	13
13	105	80	376	10
14	106	97	404	13
15	107	55	380	8
16	108	60	429	10
17	109	74	424	8
18	110	63	457	3
19	111	88	514	3
20	112	39	348	5

Table 17: Senate Coding Summary,  $p < 0.05$

	Party Calls	Noncalls	Gray
Lopsided Votes	1366	4207	113
Close Votes	2224	4755	114

Table 18: Senate Extended Coding Summary,  $p < 0.05$

	congress	party_call_count	noncall_count	gray_vote_count
1	93	350	590	4
2	94	407	688	1
3	95	277	710	2
4	96	348	535	3
5	97	303	401	72
6	98	225	312	3
7	99	223	408	5
8	100	231	357	16
9	101	164	318	6
10	102	132	322	6
11	103	135	472	14
12	104	161	605	25
13	105	90	365	11
14	106	108	394	12
15	107	70	367	6
16	108	71	419	9
17	109	87	414	5
18	110	71	441	11
19	111	93	500	12
20	112	44	344	4