

## A1. Code

The Data, Code, Analysis and Plots used to construct this paper can be found on my github profile: [https://github.com/minnaheim/contribution\\_vote\\_data](https://github.com/minnaheim/contribution_vote_data). This paper was written using typst, based on the template from the Technical University of Munich: <https://github.com/lisintum/thesis-template-typst>.

## A2. Additional Models

Descriptive statistics					
Statistic	N	Mean	St. Dev.	Min	Max
District	1,984	9.191	9.803	0	53
Vote Change	2,314	0.062	0.342	0	4
Birthyear	2,314	1,958.587	11.147	1,929	1,989
1st dimension DW Nominate	2,314	0.439	0.137	0.110	0.848
2nd dimension DW Nominate	2,314	0.215	0.167	0.000	0.957
Vote Number	2,314	21.617	22.326	3	52
Vote Dummy	2,217	0.504	0.500	0	1
Seniority	2,314	5.546	4.205	1	18
Pro Env Contributions Amount	2,314	19.800	29.876	0.000	380.725
Anti Env Contributions Amount	2,314	0.991	2.877	0.000	60.550
Democratic Majority in House	2,314	0.321	0.467	0	1
Pro-Env Contribution Dummy	2,314	0.914	0.280	0	1
Anti-Env Contribution Dummy	2,314	0.307	0.461	0	1

Figure 1: the descriptive statistics of the main dataset used for the analysis<sup>1</sup>

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<sup>1</sup>the variable Instance refers to the Votes. The Instances are 3, 4, 51, 52, 6 and 7, where 3 stands for the vote in the 113th congress, 51 stands for the first vote in the 115th congress, 52 for the second vote in the 115th congress, etc. The district variable refers to the district which the legislators represented. Sadly not all representatives had the district information.

	<i>Dependent variable:</i>			
	Vote <i>panel</i> <i>linear</i> (1)	Vote <i>conditional</i> <i>logistic</i> (2)	Vote <i>panel</i> <i>linear</i> (3)	Vote <i>panel</i> <i>linear</i> (4)
Anti-Env Contributions Amount	-0.001*** (0.0001)	-0.021*** (0.008)	-0.001*** (0.0001)	-0.0001 (0.0001)
Pro-Env Contributions Amount	0.007*** (0.001)	0.103*** (0.034)	0.007*** (0.001)	0.001 (0.001)
Pro-Env Contribution Dummy	-0.007 (0.009)	-0.049 (0.407)	-0.007 (0.009)	0.004 (0.005)
Anti-Env Contribution Dummy	-0.021 (0.013)	-0.595 (0.589)	-0.021 (0.013)	-0.011 (0.008)
Vote Number		0.013* (0.008)		
District	0.001** (0.0004)	0.010 (0.017)	0.001** (0.0004)	0.001*** (0.0002)
Birthyear	0.001* (0.0004)	0.039** (0.017)	0.001* (0.0004)	-0.0002 (0.0002)
1st dimension DW Nominate	-0.141*** (0.029)	-2.708* (1.398)	-0.141*** (0.029)	-0.076*** (0.017)
2nd dimension DW Nominate	-0.070*** (0.021)	-3.002*** (1.024)	-0.070*** (0.021)	-0.037*** (0.013)
GeographicalNE	0.073*** (0.011)	2.432** (0.547)	0.073*** (0.011)	0.039*** (0.007)
GeographicalSO	0.009 (0.009)	0.116 (0.484)	0.009 (0.009)	0.013** (0.005)
GeographicalWE	0.019* (0.011)	0.667 (0.568)	0.019* (0.011)	0.006 (0.006)
Seniority	0.002 (0.001)	0.070 (0.045)	0.002 (0.001)	-0.002*** (0.001)
GenderM	-0.025*** (0.009)	-1.141** (0.469)	-0.025*** (0.009)	0.001 (0.005)
Observations	1,901	1,901	1,901	1,813
R <sup>2</sup>	0.081	0.061	0.081	0.062
Adjusted R <sup>2</sup>	0.072		0.072	0.052
Max. Possible R <sup>2</sup>		0.205		
Log Likelihood		-157.637		
F Statistic	12.778*** (df = 13; 1881)		12.778*** (df = 13; 1881) 9.076*** (df = 13; 1793)	
Wald Test	93.070*** (df = 14)			
LR Test	119.769*** (df = 14)			
Score (Logrank) Test	158.630*** (df = 14)			
<i>Note:</i>			* p<0.1; ** p<0.05; *** p<0.01	

Figure 2: All party FE models, with all representatives, only those who changed their votes and all those who didn't

	<i>Dependent variable:</i>				
	Vote in 114th Congress (1)	1st Vote in 115th congress (2)	2nd Vote in 115th congress (3)	Vote 116th congress (4)	Vote 117th congress (5)
Anti-Env Contributions for Vote 3	0.001 (0.0005)	0.001 (0.001)	-0.0004 (0.001)	-0.002*** (0.001)	-0.002*** (0.001)
Pro-Env Contributions for Vote 3	-0.001 (0.004)	-0.008 (0.006)	-0.001 (0.007)	-0.005 (0.005)	-0.001 (0.005)
Anti-Env Contributions for Vote 4	0.0001 (0.0004)	-0.0004 (0.001)	0.00003 (0.001)	-0.0001 (0.001)	-0.003*** (0.001)
Pro-Env Contributions for Vote 4	0.001 (0.005)	-0.010* (0.005)	0.004 (0.006)	0.007* (0.004)	-0.020*** (0.004)
Anti-Env Contributions for Vote 51		0.001 (0.001)	0.006*** (0.002)	0.005*** (0.001)	0.006*** (0.001)
Pro-Env Contributions for Vote 51		0.002 (0.005)	0.009 (0.006)	0.001 (0.006)	-0.0003 (0.006)
Anti-Env Contributions for Vote 52			-0.004** (0.002)	-0.003** (0.001)	-0.002* (0.001)
Pro-Env Contributions for Vote 52			-0.014*** (0.003)	-0.003 (0.005)	0.0003 (0.005)
Anti-Env Contributions for Vote 6				0.0003 (0.001)	0.002*** (0.001)
Pro-Env Contributions for Vote 6				-0.002 (0.011)	-0.014* (0.008)
Anti-Env Contributions for Vote 7					-0.001 (0.001)
Pro-Env Contributions for Vote 7					0.017* (0.009)
PartyR		0.936*** (0.028)	0.905*** (0.033)	0.979*** (0.022)	0.955*** (0.023)
1st dimension DW Nominate	-0.048 (0.069)	-0.079 (0.091)	-0.061 (0.110)	-0.011 (0.075)	0.035 (0.079)
2nd dimension DW Nominate	0.170*** (0.052)	0.110* (0.065)	0.064 (0.078)	0.026 (0.056)	0.081 (0.055)
GenderM	0.031 (0.021)	0.007 (0.025)	0.017 (0.030)	0.024 (0.020)	0.004 (0.019)
Pro-Env Contribution Dummy	-0.016 (0.022)	0.017 (0.026)	0.012 (0.030)	0.010 (0.036)	-0.018 (0.033)
Anti-Env Contribution Dummy	0.048 (0.030)	0.052 (0.036)	-0.036 (0.047)	0.007 (0.030)	0.009 (0.027)
Observations	332	281	268	224	179
R <sup>2</sup>	0.067	0.917	0.891	0.968	0.976
Adjusted R <sup>2</sup>	-0.119	0.869	0.824	0.943	0.954
F Statistic	2.201** (df = 9; 276)	163.850*** (df = 12; 178)	96.517*** (df = 14; 165)	235.046*** (df = 16; 126)	211.775*** (df = 18; 93)

Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Figure 3: the LPM models of each vote, with all relevant contributions leading up to the vote.

	<i>Dependent variable:</i>	
	Vote	
	<i>OLS</i> (1)	<i>logistic</i> (2)
Log. Anti-Env Contributions Amount	-0.015*** (0.004)	-0.532*** (0.185)
Log. Pro-Env Contributions Amount	0.027*** (0.009)	0.839** (0.334)
Anti-Env Contribution Dummy	0.003 (0.016)	0.190 (0.747)
Pro-Env Contribution Dummy	-0.015 (0.012)	-0.319 (0.569)
District	0.001** (0.0004)	0.007 (0.017)
PartyR	-0.898*** (0.009)	-8.385*** (0.530)
Birthyear	0.001* (0.0004)	0.022 (0.018)
GenderM	-0.023** (0.009)	-1.138** (0.494)
1st dimension DW Nominate	-0.141*** (0.029)	-3.339** (1.454)
2nd dimension DW Nominate	-0.072*** (0.021)	-3.150*** (1.112)
GeographicalNE	0.071*** (0.011)	2.460*** (0.553)
GeographicalSO	0.006 (0.009)	0.127 (0.477)
GeographicalWE	0.018 (0.011)	0.804 (0.561)
Vote Number	0.001*** (0.0002)	0.029*** (0.009)
Seniority	0.001 (0.001)	0.039 (0.047)
Democratic Majority in House	0.023*** (0.009)	1.569*** (0.476)
Constant	-0.434 (0.785)	-36.504 (34.885)
Observations	1,901	1,901
R <sup>2</sup>	0.908	
Adjusted R <sup>2</sup>	0.907	
Log Likelihood		-157.266
Akaike Inf. Crit.		348.533
Residual Std. Error	0.152 (df = 1884)	
F Statistic	1,162.325*** (df = 16; 1884)	
<i>Note:</i>	* p<0.1; ** p<0.05; *** p<0.01	

Figure 4: the LPM models with geographical and year fixed effects

### A3. Declaration og