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
birthday	2,314	1,958.587	11.147	1,929	1,989
nominate_dim1	2,314	0.439	0.137	0.110	0.848
nominate_dim2	2,314	0.215	0.167	0.000	0.957
Instance	2,314	21.617	22.326	3	52
Vote	2,217	0.504	0.500	0	1
seniority	2,314	5.546	4.205	1	18
Contribution_minus	2,314	4.271	1.780	0.000	8.245
Contribution_plus	2,314	0.878	1.472	0.000	6.408
Dmajority	2,314	0.321	0.467	0	1
anti_env_dummy	2,314	0.914	0.280	0	1
pro_env_dummy	2,314	0.307	0.461	0	1

Figure 1: the descriptive statistics of the main dataset used for the analysis[1]

[1] 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.

		Dependent variable:			
			Vote		
	OLS			*panel linear*	
	(1)	(2)	(3)	(4)	(5)
district	0.001** (0.0004)	0.001** (0.0004)	0.001* (0.0004)		
partyR	-0.901*** (0.009)	-0.902*** (0.009)	-0.911*** (0.008)	-0.896*** (0.009)	
birthday	0.001* (0.0004)	0.001** (0.0004)	0.001* (0.0004)	0.001*** (0.0004)	
genderM	-0.025*** (0.009)	-0.026*** (0.009)	-0.025*** (0.009)	-0.030*** (0.009)	
nominate_dim1	-0.141*** (0.029)	-0.142*** (0.029)	-0.123*** (0.028)	-0.144*** (0.029)	
nominate_dim2	-0.070*** (0.021)	-0.069*** (0.021)	-0.074*** (0.022)	-0.055*** (0.021)	
GeographicalNE	0.073*** (0.011)		0.073*** (0.011)		
GeographicalSO	0.009 (0.009)		0.004 (0.009)		
GeographicalWE	0.019* (0.011)		0.016 (0.011)		
Instance	0.0005*** (0.0002)				
seniority	0.002 (0.001)	0.002** (0.001)	0.001 (0.001)	0.002** (0.001)	0.010*** (0.002)
Contribution_minus	-0.0001*** (0.00001)	-0.0001*** (0.00001)		-0.00005*** (0.00001)	-0.00002 (0.00002)
Contribution_plus	0.001*** (0.0001)	0.001*** (0.0001)		0.001*** (0.0001)	0.0004*** (0.0001)
Dmajority	0.024*** (0.009)				
anti_env_dummy	-0.021 (0.013)	-0.023* (0.013)	-0.028** (0.013)	-0.027** (0.013)	
pro_env_dummy	-0.007 (0.009)	-0.007 (0.009)	0.007 (0.008)	-0.002 (0.009)	
Constant	-0.416 (0.782)				
Observations	1,901	1,901	1,901	2,217	2,217
R^2	0.909	0.895	0.906	0.870	0.019
Adjusted R^2	0.908	0.894	0.905	0.867	-0.291
Residual Std. Error	0.152 (df = 1884)				
F Statistic	1,172.471*** (df = 16; 1884)	1,465.286*** (df = 11; 1886)	1,514.624*** (df = 12; 1883)	1,445.498*** (df = 10; 2158)	10.686*** (df = 3; 1684)

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

Figure 2: the most important LPM models: c

	Dependent variable:		
	Vote		
	logistic		OLS
	(1)	(2)	(3)
district	0.007	0.004	0.001**
	(0.018)	(0.018)	(0.0004)
partyR	-8.436***	-8.464***	-0.901***
	(0.526)	(0.538)	(0.009)
Vote_change	0.401	0.510	
	(0.392)	(0.379)	
birthday	0.018	0.016	0.001*
	(0.019)	(0.018)	(0.0004)
genderM	-1.208**	-1.133**	-0.025***
	(0.497)	(0.497)	(0.009)
nominate_dim1	-2.705*	-2.699*	-0.141***
	(1.496)	(1.510)	(0.029)
nominate_dim2	-3.449***	-3.365***	-0.070***
	(1.102)	(1.126)	(0.021)
GeographicalNE	2.351***	2.314***	0.073***
	(0.560)	(0.562)	(0.011)
GeographicalSO	0.063	-0.009	0.009
	(0.489)	(0.480)	(0.009)
GeographicalWE	0.675	0.755	0.019*
	(0.561)	(0.553)	(0.011)
Instance	0.028***	0.030***	0.0005***
	(0.009)	(0.009)	(0.0002)
seniority	0.029	0.017	0.002
	(0.050)	(0.049)	(0.001)
Contribution_minus	-0.002**	-0.438***	-0.0001***
	(0.001)	(0.162)	(0.00001)
Contribution_plus	0.010***	0.534**	0.001***
	(0.004)	(0.234)	(0.0001)
Dmajority	1.622***	1.640***	0.024***
	(0.480)	(0.486)	(0.009)
anti_env_dummy	-0.725	0.886	-0.021
	(0.611)	(0.956)	(0.013)
pro_env_dummy	0.265	-0.944	-0.007
	(0.434)	(0.797)	(0.009)
Constant	-28.692	-24.353	-0.416
	(36.656)	(36.115)	(0.782)
Observations	1,901	1,901	1,901
R^2			0.909
Adjusted R^2			0.908
Log Likelihood	-155.789	-156.628	
Akaike Inf. Crit.	347.579	349.256	
Residual Std. Error			0.152 (df = 1884)
F Statistic			1,172.471*** (df = 16; 1884)
Note:			*p<0.1; **p<0.05; ***p<0.01

Figure 3: the two Logit models: (1) with only control variables and (2) legislator and year FEs

	Dependent variable:		
	Vote		
	(1)	(2)	(3)
district	0.001*	0.001**	0.0001
	(0.0004)	(0.0004)	(0.0004)
partyR	-0.911***	-0.901***	-0.911***
	(0.008)	(0.009)	(0.009)
Vote_change_dummy			0.176***
			(0.017)
birthday	0.001*	0.001*	0.0004
	(0.0004)	(0.0004)	(0.0004)
genderM	-0.025***	-0.025***	-0.026***
	(0.009)	(0.009)	(0.009)
nominate_dim1	-0.122***	-0.141***	-0.076***
	(0.028)	(0.029)	(0.029)
nominate_dim2	-0.075***	-0.070***	-0.106***
	(0.022)	(0.021)	(0.021)
GeographicalNE	0.074***	0.073***	0.060***
	(0.011)	(0.011)	(0.011)
GeographicalSO	0.004	0.009	-0.001
	(0.009)	(0.009)	(0.009)
GeographicalWE	0.016	0.019*	0.019*
	(0.011)	(0.011)	(0.011)
Instance	0.001***	0.0005***	0.001***
	(0.0002)	(0.0002)	(0.0002)
seniority	0.001	0.002	0.0003
	(0.001)	(0.001)	(0.001)
Contribution_minus		-0.0001***	
		(0.00001)	
Contribution_plus		0.001***	
		(0.0001)	
Dmajority	0.025***	0.024***	0.029***
	(0.009)	(0.009)	(0.009)
anti_env_dummy	-0.028**	-0.021	0.026
	(0.013)	(0.013)	(0.019)
pro_env_dummy	0.007	-0.007	-0.026
	(0.008)	(0.009)	(0.017)
Contribution_plus_log			0.014***
			(0.005)
Contribution_minus_log			-0.013***
			(0.003)
Constant	-0.351	-0.416	0.198
	(0.787)	(0.782)	(0.767)
Observations	1,901	1,901	1,901
R^2	0.907	0.909	0.913
Adjusted R^2	0.906	0.908	0.912
Residual Std. Error	0.153 (df = 1886)	0.152 (df = 1884)	0.148 (df = 1883)
F Statistic	1,313.433*** (df = 14; 1886)	1,172.471*** (df = 16; 1884)	1,157.610*** (df = 17; 1883)

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

Figure 4: the LPM models with only control variables

	Dependent variable:		
		Vote	
	panel linear	*OLS*	*panel linear*
	(1)	(2)	(3)
district	0.001**	0.0001	0.001**
	(0.0004)	(0.0004)	(0.0004)
partyR	-0.902***	-0.911***	
	(0.009)	(0.009)	
Vote_change_dummy		0.176***	
		(0.017)	
birthday	0.001**	0.0004	0.001*
	(0.0004)	(0.0004)	(0.0004)
nominate_dim1	-0.142***	-0.076***	-0.141***
	(0.029)	(0.029)	(0.029)
nominate_dim2	-0.069***	-0.106***	-0.070***
	(0.021)	(0.021)	(0.021)
GeographicalNE		0.060***	0.073***
		(0.011)	(0.011)
GeographicalSO		-0.001	0.009
		(0.009)	(0.009)
GeographicalWE		0.019*	0.019*
		(0.011)	(0.011)
Instance		0.001***	
		(0.0002)	
Instance4			0.010
			(0.012)
Instance6			0.035***
			(0.012)
Instance7			0.025*
			(0.013)
Instance51			0.024*
			(0.012)
Instance52			0.033***
			(0.012)
seniority	0.002**	0.0003	0.002
	(0.001)	(0.001)	(0.001)
Contribution_minus	-0.0001***		-0.0001***
	(0.00001)		(0.00001)
Contribution_plus	0.001***		0.001***
	(0.0001)		(0.0001)
Dmajority		0.029***	
		(0.009)	
genderM	-0.026***	-0.026***	-0.025***
	(0.009)	(0.009)	(0.009)
pro_env_dummy	-0.007	-0.026	-0.007
	(0.009)	(0.017)	(0.009)
Contribution_plus_log		0.014***	
		(0.005)	
Contribution_minus_log		-0.013***	
		(0.003)	
anti_env_dummy	-0.023*	0.026	-0.021
	(0.013)	(0.019)	(0.013)
Constant		0.198	
		(0.767)	
Observations	1,901	1,901	1,901
R^2	0.895	0.913	0.089
Adjusted R^2	0.894	0.912	0.080
Residual Std. Error		0.148 (df = 1883)	
F Statistic	1,465.286*** (df = 11; 1886)	1,157.610*** (df = 17; 1883)	10.226*** (df = 18; 1881)

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

Figure 5: the LPM models with geographical and year fixed effects

| | Vote | |
	(1)	(2)
district	0.001[*]	0.001[**]
	(0.0004)	(0.0004)
birthday	0.001[*]	0.001[*]
	(0.0004)	(0.0004)
nominate_dim1	-0.123[***]	-0.141[***]
	(0.028)	(0.029)
nominate_dim2	-0.074[***]	-0.070[***]
	(0.022)	(0.021)
GeographicalNE	0.073[***]	0.073[***]
	(0.011)	(0.011)
GeographicalSO	0.004	0.009
	(0.009)	(0.009)
GeographicalWE	0.016	0.019[*]
	(0.011)	(0.011)
partyR	-0.911[***]	
	(0.008)	
Instance4		0.010
		(0.012)
Instance6		0.035[***]
		(0.012)
Instance7		0.025[*]
		(0.013)
Instance51		0.024[*]
		(0.012)
Instance52		0.033[***]
		(0.012)
seniority	0.001	0.002
	(0.001)	(0.001)
genderM	-0.025[***]	-0.025[***]
	(0.009)	(0.009)
Contribution_minus		-0.0001[***]
		(0.00001)
Contribution_plus		0.001[***]
		(0.0001)
pro_env_dummy	0.007	-0.007
	(0.008)	(0.009)
anti_env_dummy	-0.028[**]	-0.021
	(0.013)	(0.013)
Observations	1,901	1,901
R^2	0.906	0.089
Adjusted R^2	0.905	0.080
F Statistic	1,514.624[***] (df = 12; 1883)	10.226[***] (df = 18; 1881)

| | * | ** | *** |

Figure 6: the LPM models with party and year FEs