

Appendix A: Question Wording

Question wording for whether the respondent voted is as follows: “Did you vote in the local election last Tuesday in [CITY], with answers of No, Yes, Don’t Know, and Refused. Coded such that 0= Did not vote, 1=Voted.

Question wording for campaign civility is as follows: “Thinking about the [CITY] election, how much time would you say the candidates spent criticizing their opponent? Was it?”. Answer range from A Great Deal of Time, Some of the Time, Not Much, Not at All. Respondents can also respond Don’t Know/Refuse. Coded 1-4, with higher values representing greater perceived criticism.

Question wording for campaign satisfaction is as follows: “In general, are you very satisfied, fairly satisfied, not very satisfied, or not at all satisfied with the way most candidates have conducted their campaigns in the local election last Tuesday in [CITY]?”. Answer range from Very Satisfied, Fairly Satisfied, Not Very Satisfied, Not at All Satisfied. Respondents can also respond Don’t Know/Refuse. Coded 1-4, and, for continuity with the other measures of (in)civility, this variable was re-coded so that higher values represent more *dissatisfaction*.

Question wording for campaign negativity is as follows: “Do you believe the campaigns this year were more negative, less negative, or about the same compared to other recent political contests?”, with answers More, Less, and About the Same. Follow up questions asked “Was it a lot more negative, or just a little more negative?” and “Was it a lot less negative, or a just a little less negative?”. Respondents can also respond Don’t Know/Refuse. Because few respondents reported the election being a lot less(more) negative, answers were coded into a single variable ranging from Less Negative, About the Same, More Negative, with greater values representing greater perceived negativity. Results are robust to using the five-point version that results from distinguishing between those who saw elections are somewhat and a lot less(more) negative. Results available upon request.

Question wording for campaign mobilization is as follows: “During the recent local election, did a candidate or anyone from a local city campaign contact you to persuade you how to vote either by phone, mail, in person or over the Internet?”. Respondents can answer Yes or No, or volunteer Don’t Know/Refusal. Coded so that 0=Not contacted, 1=Contacted.

Appendix B: Robustness Checks and Additional Tables/Figures

Table (B1) Robustness Checks: Varying Ages and RCV Self-Reported Turnout Effects

	(1)	(2)	(3)	(4)	(5)	(6)
Young Defined as:	<25	<30	<35	<39	<45	Continuous
	b/se	b/se	b/se	b/se	b/se	b/se
Voted						
RCV	0.250 (0.224)	0.161 (0.219)	0.155 (0.218)	0.017 (0.221)	-0.034 (0.241)	0.964** (0.422)
Age Group	-1.709*** (0.226)	-1.394*** (0.175)	-1.334*** (0.136)	-1.309*** (0.148)	-1.275*** (0.127)	0.107*** (0.009)
RCV x Age Group	0.272 (0.359)	0.583*** (0.214)	0.445* (0.230)	0.648** (0.260)	0.575* (0.305)	-0.015** (0.007)
Age Squared						-0.001*** (0.000)
Education	0.203*** (0.055)	0.252*** (0.058)	0.282*** (0.055)	0.294*** (0.053)	0.295*** (0.055)	0.274*** (0.053)
Female	0.098 (0.092)	0.091 (0.094)	0.087 (0.107)	0.114 (0.106)	0.120 (0.103)	0.096 (0.103)
Income	0.033 (0.028)	0.028 (0.029)	0.033 (0.032)	0.049 (0.030)	0.069** (0.030)	0.043 (0.032)
Employed	-0.106 (0.139)	-0.081 (0.129)	-0.061 (0.144)	-0.105 (0.145)	-0.081 (0.135)	0.038 (0.142)
Black	-0.011 (0.174)	-0.045 (0.156)	-0.041 (0.156)	-0.067 (0.160)	-0.011 (0.163)	0.018 (0.160)
Asian	-0.413*** (0.152)	-0.339** (0.148)	-0.338** (0.153)	-0.350** (0.148)	-0.349** (0.136)	-0.209 (0.155)
Other	-0.496* (0.264)	-0.394 (0.252)	-0.330 (0.230)	-0.367* (0.222)	-0.302 (0.207)	-0.271 (0.252)
Hispanic	-0.293 (0.293)	-0.256 (0.285)	-0.244 (0.295)	-0.253 (0.288)	-0.237 (0.283)	-0.123 (0.309)
Democrat	0.132 (0.109)	0.154 (0.107)	0.177 (0.109)	0.141 (0.111)	0.112 (0.114)	0.117 (0.108)
Republican	0.052 (0.195)	0.151 (0.213)	0.120 (0.209)	0.117 (0.212)	0.104 (0.207)	0.055 (0.202)
Political Interest	1.357*** (0.112)	1.378*** (0.120)	1.305*** (0.113)	1.312*** (0.108)	1.290*** (0.113)	1.218*** (0.110)
Constant	-0.532** (0.227)	-0.561** (0.218)	-0.507** (0.216)	-0.460** (0.225)	-0.413 (0.252)	-4.350*** (0.323)
Observations	4731	4731	4731	4731	4731	4731

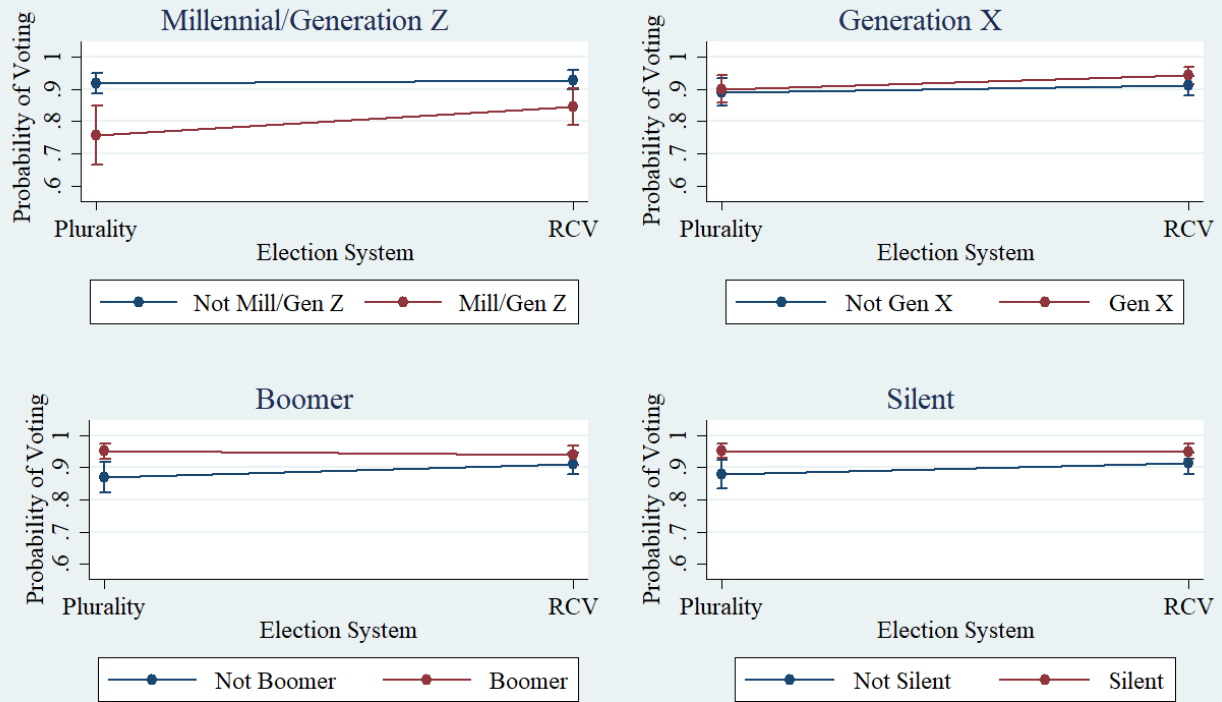
Logistic regression with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year fixed effects included.

Table (B2) Robustness Checks: Varying Generations and Self-Reported RCV Turnout Effects

	(1) Millennials/Gen Z b/se	(2) Gen X b/se	(3) Boomer b/se	(4) Silent b/se
Voted				
RCV	0.155 (0.218)	0.277 (0.215)	0.433* (0.249)	0.377 (0.237)
Generation	-1.334*** (0.136)	0.133 (0.136)	0.914*** (0.106)	1.059*** (0.233)
RCV x Generation	0.445* (0.230)	0.211 (0.210)	-0.537** (0.265)	-0.518* (0.307)
Education	0.282*** (0.055)	0.254*** (0.053)	0.267*** (0.053)	0.257*** (0.052)
Female	0.087 (0.107)	0.119 (0.102)	0.137 (0.098)	0.108 (0.106)
Income	0.033 (0.032)	0.052* (0.031)	0.056** (0.028)	0.078*** (0.029)
Employed	-0.061 (0.144)	-0.258* (0.140)	-0.213 (0.143)	-0.165 (0.140)
Black	-0.041 (0.156)	-0.132 (0.165)	-0.082 (0.161)	-0.080 (0.160)
Asian	-0.338** (0.153)	-0.541*** (0.136)	-0.459*** (0.131)	-0.489*** (0.131)
Other	-0.330 (0.230)	-0.509** (0.211)	-0.432** (0.204)	-0.440** (0.216)
Hispanic	-0.244 (0.295)	-0.453* (0.265)	-0.395 (0.260)	-0.381 (0.263)
Democrat	0.177 (0.109)	0.170 (0.115)	0.126 (0.112)	0.147 (0.114)
Republican	0.120 (0.209)	0.194 (0.211)	0.171 (0.209)	0.157 (0.212)
Political Interest	1.305*** (0.113)	1.496*** (0.120)	1.438*** (0.112)	1.443*** (0.121)
Constant	-0.507** (0.216)	-0.963*** (0.231)	-1.179*** (0.224)	-1.210*** (0.228)
Observations	4731	4731	4731	4731

Logistic regression with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year fixed effects employed.

The Effect of RCV on Generational Voting Behavior



RCV=Ranked-choice voting. Logistic regression coefficients calculated with all other variables held at their mean or respective values. Millennial and Generation Z combined due to low number of Generation Z in sample. Robust and clustered(city) standard errors employed. * 0.1 ** 0.05 ***0.01

Figure (B1) Robustness Checks: Varying Generations and RCV Turnout Effects-Point Estimates derived from Table B2.

Table (B3.1) Full Table: Age, Election Type, and Self-Reported Turnout: The Roles of Civility and Contact (1/2)

	(1) Base Model	(2) Predicting Criticism	(3) Predicting Turnout Controlling for Perceived Criticism	(4) Predicting Perceived Dissatisfaction	(5) Predicting Turnout Controlling for Perceived Dissatisfaction
	b/se	b/se	b/se	b/se	b/se
main					
RCV	0.155 (0.218)	-0.431 (0.275)	0.245 (0.220)	-0.066 (0.333)	0.096 (0.217)
Younger	-1.334*** (0.136)	0.192 (0.135)	-1.323*** (0.151)	-0.178 (0.184)	-1.332*** (0.135)
RCV x Younger	0.445* (0.230)	0.224 (0.143)	0.503** (0.235)	0.281 (0.262)	0.487** (0.211)
Criticism of Other Candidates			0.134** (0.067)		
Satisfaction of Campaign					-0.195*** (0.069)
Education	0.282*** (0.055)	0.068* (0.038)	0.276*** (0.072)	-0.031 (0.068)	0.293*** (0.062)
Female	0.087 (0.107)	0.022 (0.074)	0.091 (0.098)	0.045 (0.070)	0.127 (0.115)
Income	0.033 (0.032)	-0.001 (0.026)	0.028 (0.042)	0.002 (0.024)	0.019 (0.035)
Employed	-0.061 (0.144)	0.288*** (0.099)	-0.042 (0.150)	-0.042 (0.082)	-0.062 (0.139)
Black	-0.041 (0.156)	0.392*** (0.127)	-0.075 (0.142)	0.165 (0.160)	-0.025 (0.151)
Asian	-0.338** (0.153)	0.456** (0.194)	-0.476** (0.196)	-0.318* (0.171)	-0.453*** (0.171)
Other	-0.330 (0.230)	0.701*** (0.237)	-0.492** (0.232)	0.565* (0.295)	-0.356* (0.208)
Hispanic	-0.244 (0.295)	0.329** (0.144)	-0.287 (0.292)	0.076 (0.186)	-0.271 (0.280)
Democrat	0.177 (0.109)	-0.125 (0.087)	0.197 (0.134)	-0.507*** (0.085)	0.125 (0.127)
Republican	0.120 (0.209)	0.389* (0.223)	0.081 (0.187)	0.328** (0.136)	0.123 (0.231)
Political Interest	1.305*** (0.113)	0.323* (0.177)	1.189*** (0.142)	-0.047 (0.114)	1.256*** (0.117)

Constant	-0.507** (0.216)		-0.635** (0.289)		0.095 (0.325)
Constant		-0.655*		-1.444***	
Cut 1		(0.376)		(0.501)	
Constant		0.490		1.070**	
Cut 2		(0.361)		(0.507)	
Constant		2.058***		2.623***	
Cut 3		(0.489)		(0.581)	
Observations	4731	4338	4338	4505	4505

Logistic (models 1, 3, and 5) and ordered logistic regression (models 2 and 4) with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year/Survey fixed effects employed.

Table (B3.2) Full Table: Age, Election Type, and Self-Reported Turnout: The Roles of Civility and Contact (2/2)

	(1) Base Model	(2) Predicting Perceived Negativity	(3) Predicting Turnout Controlling for Perceived Negativity	(4) Predicting Mobilization	(5) Predicting Turnout Controlling for Mobilization
	b/se	b/se	b/se	b/se	b/se
main					
RCV	0.155 (0.218)	-1.040*** (0.339)	0.111 (0.203)	0.076 (0.237)	0.117 (0.190)
Younger	-1.334*** (0.136)	-0.367** (0.164)	-1.352*** (0.139)	-0.773*** (0.182)	-1.246*** (0.153)
RCV x Younger	0.445* (0.230)	0.708*** (0.207)	0.473** (0.237)	0.555** (0.243)	0.370 (0.237)
Campaign Negativity			-0.184 (0.150)		
Contacted					0.939*** (0.154)
Education	0.282*** (0.055)	-0.070 (0.070)	0.280*** (0.058)	0.293*** (0.063)	0.228*** (0.063)
Female	0.087 (0.107)	-0.047 (0.078)	0.085 (0.107)	0.253** (0.101)	0.062 (0.115)
Income	0.033 (0.032)	-0.025 (0.022)	0.033 (0.032)	0.087*** (0.019)	0.020 (0.032)
Employed	-0.061 (0.144)	0.074 (0.064)	-0.061 (0.144)	-0.003 (0.101)	-0.078 (0.150)
Black	-0.041 (0.156)	-0.022 (0.151)	-0.042 (0.155)	-0.405 (0.272)	0.053 (0.166)
Asian	-0.338** (0.153)	0.272 (0.209)	-0.320** (0.157)	-0.437* (0.239)	-0.258 (0.171)
Other	-0.330 (0.230)	0.577* (0.310)	-0.289 (0.232)	-0.297 (0.337)	-0.271 (0.252)
Hispanic	-0.244 (0.295)	0.324* (0.185)	-0.222 (0.288)	0.157 (0.265)	-0.298 (0.262)
Democrat	0.177 (0.109)	-0.233*** (0.070)	0.164 (0.109)	0.150 (0.113)	0.165 (0.102)
Republican	0.120 (0.209)	0.237 (0.212)	0.138 (0.206)	-0.138 (0.124)	0.164 (0.195)
Political Interest	1.305*** (0.113)	-0.023 (0.119)	1.308*** (0.113)	0.518*** (0.079)	1.228*** (0.110)
Constant	-0.507** (0.216)		-0.149 (0.416)	-0.798*** (0.247)	-0.822*** (0.194)

Constant		-1.558***			
Cut 1		(0.282)			
Constant		1.749***			
Cut 2		(0.326)			
Constant					
Cut 3					
Observations	4731	4731	4731	4689	4689

Logistic (models 1, 3, 4, and 5) and ordered logistic regression (model 2) with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year/Survey fixed effects employed.

Table (B4) Robustness Check: Age, Election Type, and Self-Reported Turnout- Controlling for Civility and Candidate Contact

	(1)	(2)	(3)	(4)	(5)	(6)
	Base Model	Controlling for Perceived Criticism	Controlling for Perceived Dissatisfaction	Controlling for Perceived Negativity	Controlling for Perceived Mobilization	Controlling for All
	b/se	b/se	b/se	b/se	b/se	b/se
Voted						
RCV	0.181 (0.222)	0.221 (0.215)	0.160 (0.228)	0.163 (0.208)	0.165 (0.191)	0.175 (0.183)
Younger	-1.325*** (0.157)	-1.343*** (0.151)	-1.350*** (0.163)	-1.332*** (0.160)	-1.247*** (0.181)	-1.306*** (0.180)
RCV x Younger	0.482** (0.239)	0.472** (0.238)	0.535** (0.253)	0.491** (0.245)	0.379 (0.234)	0.430* (0.249)
Criticism		0.163** (0.066)				0.200*** (0.063)
Dissatisfaction			-0.224*** (0.071)			-0.236*** (0.081)
Negativity				-0.075 (0.159)		-0.083 (0.152)
Mobilized					0.941*** (0.172)	0.938*** (0.178)
Education	0.291*** (0.080)	0.288*** (0.080)	0.283*** (0.079)	0.289*** (0.080)	0.239*** (0.086)	0.226*** (0.086)
Female	0.153 (0.107)	0.153 (0.105)	0.150 (0.109)	0.150 (0.108)	0.092 (0.113)	0.088 (0.112)
Income	0.030 (0.043)	0.029 (0.043)	0.029 (0.044)	0.030 (0.043)	0.010 (0.042)	0.009 (0.042)
Employed	-0.026 (0.149)	-0.060 (0.148)	-0.039 (0.151)	-0.026 (0.150)	-0.037 (0.155)	-0.085 (0.157)
Black	-0.047 (0.132)	-0.080 (0.129)	-0.042 (0.133)	-0.048 (0.133)	0.044 (0.151)	0.008 (0.148)
Asian	-0.541*** (0.208)	-0.575*** (0.209)	-0.563*** (0.215)	-0.532** (0.216)	-0.449** (0.225)	-0.508** (0.244)
Other	-0.468** (0.205)	-0.532** (0.209)	-0.403** (0.203)	-0.451** (0.204)	-0.400* (0.232)	-0.403 (0.248)
Hispanic	-0.265 (0.293)	-0.293 (0.291)	-0.260 (0.290)	-0.256 (0.291)	-0.322 (0.271)	-0.335 (0.263)
Democrat	0.185 (0.145)	0.210 (0.143)	0.135 (0.153)	0.179 (0.141)	0.149 (0.142)	0.117 (0.149)
Republican	0.147 (0.220)	0.116 (0.216)	0.172 (0.212)	0.155 (0.220)	0.176 (0.218)	0.170 (0.203)
Political Interest	1.179*** (0.144)	1.164*** (0.141)	1.182*** (0.147)	1.180*** (0.144)	1.123*** (0.144)	1.109*** (0.140)
Constant	-0.335	-0.703**	0.187	-0.191	-0.636***	-0.382

	(0.205)	(0.282)	(0.331)	(0.398)	(0.197)	(0.435)
Observations	4154	4154	4154	4154	4154	4154

Logistic regression with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year fixed effects included.

Table (B5) Robustness Check: Youth Subsample for Age, Election Type, and Self-Reported Turnout- Controlling for Civility and Candidate Contact

	(1) Base Model b/se	(2) Controllin g for Perceived Criticism b/se	(3) Controlling for Perceived Dissatisfaction b/se	(4) Controlling for Perceived Negativity b/se	(5) Controlling for Perceived Mobilization b/se	(6) Controlling for All b/se
Voted						
RCV	0.623* (0.321)	0.667** (0.318)	0.638** (0.325)	0.637** (0.314)	0.505* (0.297)	0.582** (0.296)
Criticism		0.222 (0.143)				0.274** (0.120)
Dissatisfaction			-0.101 (0.129)			-0.110 (0.125)
Negativity				0.138 (0.206)		0.116 (0.205)
Mobilized					0.809*** (0.233)	0.847*** (0.233)
Education	0.271* (0.149)	0.272* (0.150)	0.263* (0.152)	0.271* (0.149)	0.219 (0.162)	0.206 (0.166)
Female	0.363* (0.214)	0.357* (0.215)	0.362* (0.216)	0.374* (0.222)	0.337 (0.207)	0.335 (0.218)
Income	0.065 (0.063)	0.057 (0.062)	0.062 (0.063)	0.063 (0.062)	0.041 (0.063)	0.028 (0.060)
Employed	0.117 (0.379)	0.006 (0.370)	0.098 (0.387)	0.107 (0.381)	0.131 (0.391)	-0.031 (0.398)
Black	0.204 (0.291)	0.154 (0.273)	0.191 (0.301)	0.223 (0.289)	0.269 (0.313)	0.200 (0.295)
Asian	-0.443 (0.398)	-0.523 (0.405)	-0.448 (0.398)	-0.464 (0.404)	-0.324 (0.389)	-0.447 (0.411)
Other	-0.938** (0.462)	-1.055** (0.495)	-0.907* (0.480)	-0.982** (0.443)	-0.909* (0.498)	-1.072** (0.546)
Hispanic	-0.369 (0.432)	-0.444 (0.434)	-0.363 (0.431)	-0.396 (0.428)	-0.470 (0.396)	-0.590 (0.389)
Democrat	0.286 (0.274)	0.361 (0.260)	0.258 (0.286)	0.305 (0.264)	0.233 (0.267)	0.304 (0.262)
Republican	0.374 (0.534)	0.389 (0.538)	0.380 (0.524)	0.373 (0.536)	0.431 (0.518)	0.463 (0.509)
Political Interest	1.123*** (0.233)	1.112*** (0.241)	1.120*** (0.239)	1.114*** (0.236)	1.083*** (0.241)	1.055*** (0.256)
Constant	-2.056*** (0.468)	-2.530*** (0.661)	-1.788*** (0.630)	-2.295*** (0.626)	-2.207*** (0.495)	-2.703*** (0.786)
Observations	406	406	406	406	406	406

Logistic regression with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year fixed effects included.

Differences in Perceived Campaign Negativity Across Age and Election Type

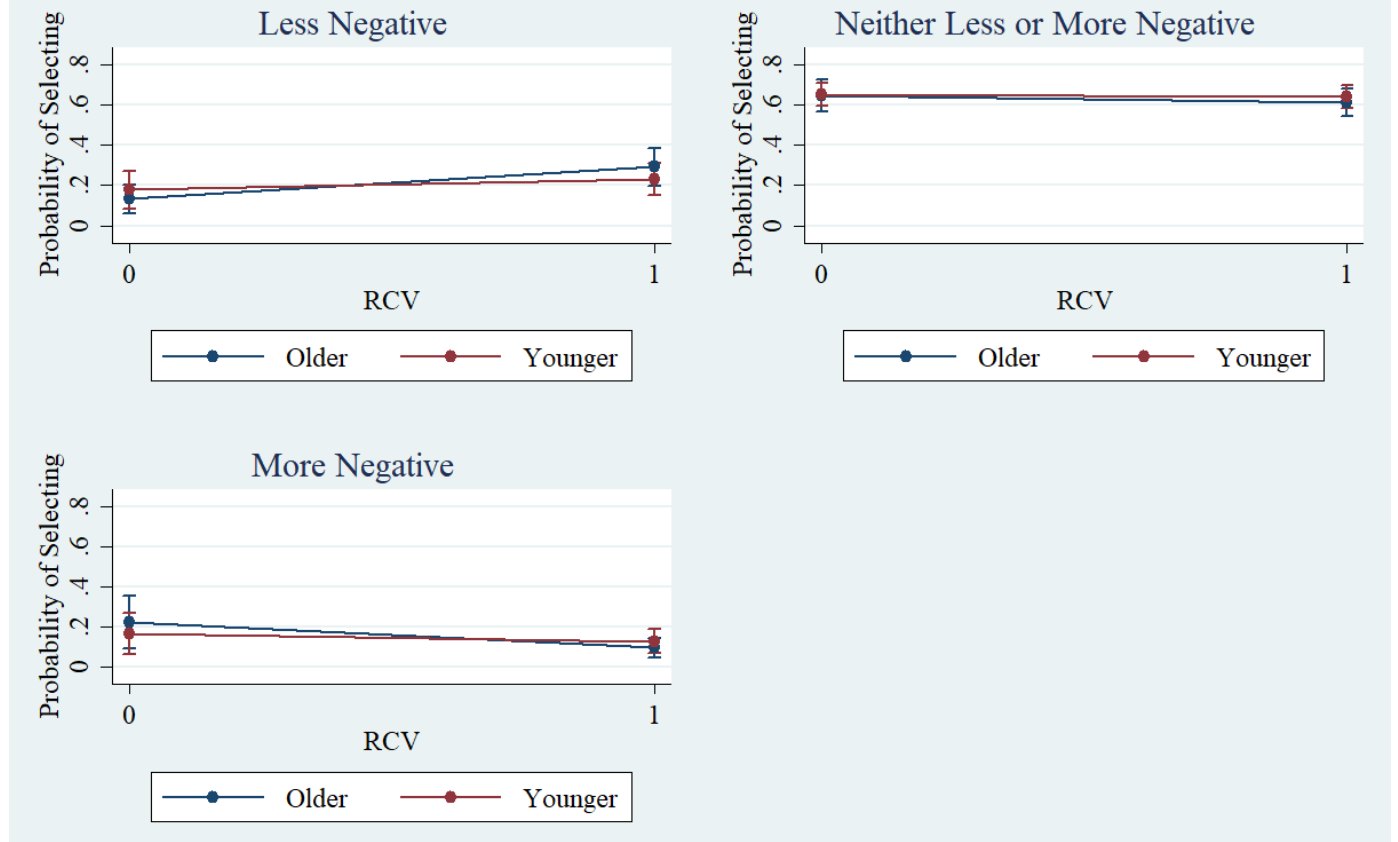


Figure (B2) Additional Figure: Differences in Perceived campaign Negativity Across Age and Election Type

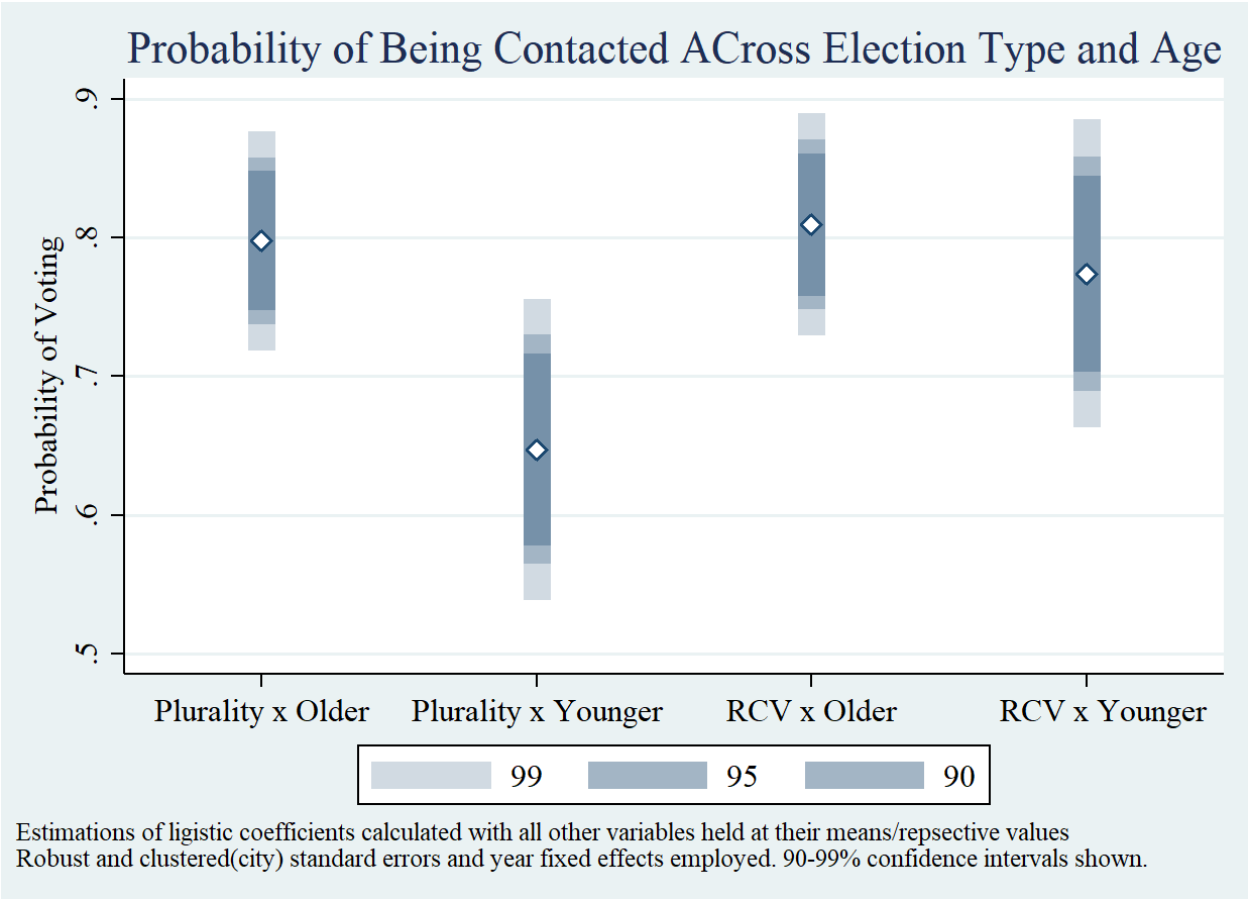


Figure (B3) Additional Figure: Probability of Being Contacted Across Election Type and Age

Table (B6) Robustness Check: Non-Parametric Mediation Analyses (Imai et al., 2011)

Mediator	Average Mediating Effect	% of Total Effect of RCV
Candidate-to-Candidate Criticism	0.002	2.12
Candidate Satisfaction	-0.002	-3.09
Campaign Negativity	-0.005	-6.87
Candidate Contact	-0.028*	12.47

RCV= Ranked-choice voting. *0.05. The above table shows the amount and percentage of the effect of RCV that is mediated by campaign civility and contact.

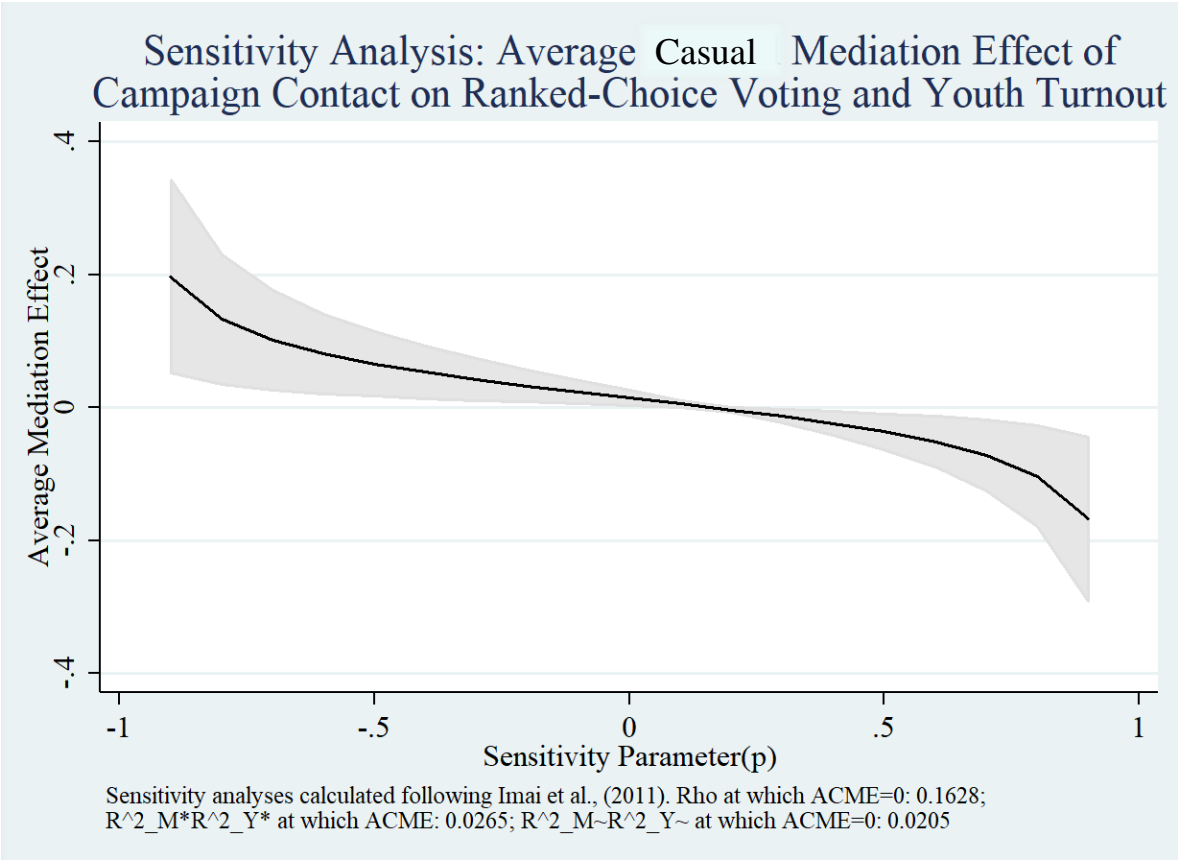


Figure (B4) Robustness Checks: Sensitivity Analysis: Average Casual Mediation Effect of " Campaign Contact on Ranked-Choice Voting and Youth Turnout (Youth Subsample)

Table (B7.1) Youth Subsample, Election Type, and Self-Reported Turnout: The Roles of Civility and Contact (1/2)

	(1) Base Model	(2) Predicting Perceived Criticism	(3) Predicting Turnout Controlling for Perceived Criticism	(4) Predicting Perceived Dissatisfaction	(5) Predicting Turnout Controlling for Perceived Dissatisfaction
	b/se	b/se	b/se	b/se	b/se
main					
RCV	0.604** (0.291)	-0.169 (0.275)	0.736** (0.306)	0.282 (0.351)	0.545* (0.279)
Criticism of Other Candidates			0.228 (0.144)		
Satisfaction of Campaign					0.010 (0.141)
Female	0.190 (0.184)	0.130 (0.211)	0.218 (0.195)	0.066 (0.240)	0.252 (0.199)
Income	0.055 (0.049)	0.063 (0.049)	0.047 (0.060)	-0.071** (0.033)	0.045 (0.050)
Employed	0.136 (0.363)	1.085*** (0.274)	0.046 (0.362)	-0.459* (0.275)	0.112 (0.374)
Black	0.086 (0.291)	0.661 (0.435)	0.093 (0.263)	-0.183 (0.371)	0.193 (0.293)
Asian	-0.290 (0.323)	0.956*** (0.301)	-0.455 (0.395)	-0.201 (0.297)	-0.364 (0.324)
Other	-0.852 (0.555)	1.082** (0.472)	-1.117** (0.529)	0.703 (0.499)	-0.866* (0.508)
Hispanic	-0.295 (0.407)	0.883*** (0.278)	-0.480 (0.425)	0.024 (0.325)	-0.341 (0.376)
Democrat	0.275 (0.237)	-0.461* (0.253)	0.351 (0.255)	-0.644** (0.297)	0.242 (0.269)
Republican	0.309 (0.537)	0.047 (0.501)	0.321 (0.480)	0.287 (0.543)	0.260 (0.559)
Political Interest	1.320*** (0.238)	0.377 (0.278)	1.153*** (0.267)	-0.163 (0.327)	1.185*** (0.207)
year=2014	1.303*** (0.275)	-1.487*** (0.243)	1.324*** (0.322)	0.291 (0.373)	1.216*** (0.259)
Constant	-2.041*** (0.579)		-2.373*** (0.709)		-1.976*** (0.686)
Constant		0.153		-2.627***	
Cut1		(0.651)		(0.762)	
Constant		1.332**		0.043	
Cut2		(0.673)		(0.730)	

Constant		3.073***		1.581*	
Cut3		(0.792)		(0.813)	
Observations	473	427	427	440	440

Logistic (models 1, 3, and 5) and ordered logistic regression (models 2 and 4) with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year/Survey fixed effects employed.

Table (B7.2) Youth Subsample, Election Type, and Self-Reported Turnout: The Roles of Civility and Contact (2/2)

	(1) Base Model	(2) Predicting Perceived Negativity	(3) Predicting Turnout Controlling for Perceived Negativity	(4) Predicting Mobilization	(5) Predicting Turnout Controlling for Mobilization
	b/se	b/se	b/se	b/se	b/se
main					
RCV	0.604** (0.291)	-0.316 (0.326)	0.595** (0.286)	0.699** (0.338)	0.474* (0.266)
Campaign Negativity			-0.143 (0.242)		
Mobilized					0.962*** (0.226)
Education	0.195 (0.162)	0.023 (0.130)	0.198 (0.160)	0.298** (0.137)	0.152 (0.181)
Female	0.190 (0.184)	-0.305 (0.189)	0.180 (0.190)	0.130 (0.207)	0.204 (0.183)
Income	0.055 (0.049)	0.041 (0.066)	0.058 (0.048)	0.147** (0.058)	0.030 (0.051)
Employed	0.136 (0.363)	0.193 (0.252)	0.141 (0.364)	0.007 (0.271)	0.142 (0.396)
Black	0.086 (0.291)	-0.437 (0.286)	0.075 (0.293)	-0.535 (0.591)	0.288 (0.290)
Asian	-0.290 (0.323)	0.474 (0.319)	-0.274 (0.323)	-0.726 (0.452)	-0.119 (0.299)
Other	-0.852 (0.555)	1.257* (0.762)	-0.811 (0.545)	-0.471 (0.592)	-0.795 (0.571)
Hispanic	-0.295 (0.407)	1.085*** (0.347)	-0.265 (0.392)	0.434 (0.439)	-0.372 (0.369)
Democrat	0.275 (0.237)	-0.507** (0.226)	0.255 (0.229)	0.228 (0.218)	0.253 (0.223)
Republican	0.309 (0.537)	-0.026 (0.238)	0.309 (0.537)	-0.450 (0.414)	0.463 (0.496)
Political Interest	1.320*** (0.238)	0.307 (0.303)	1.331*** (0.246)	0.575*** (0.203)	1.247*** (0.239)
year=2014	1.303*** (0.275)	0.719* (0.387)	1.328*** (0.275)	0.551 (0.341)	1.233*** (0.275)
Constant	-2.041*** (0.579)		-1.796** (0.803)	-1.888*** (0.587)	-2.314*** (0.540)
Constant Cut1		-0.999* (0.531)			
Constant Cut2		3.008*** (0.674)			

Observations	473	473	473	469	469
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Logistic (models 1, 3, 4, and 5) and ordered logistic regression (model 2) with robust and clustered(city) standard errors. * 0.1 ** 0.05 ***0.01. Year/Survey fixed effects employed.

Table (B8) Robustness Check: Youth Subsample, Non-Parametric Mediation Analyses (Imai et al., 2011)

Mediator	Average Mediating Effect	% of Total Effect of RCV
Perceived Candidate-to-Candidate Criticism	0.005	3.32
Perceived Candidate Satisfaction	0.001	0.03
Perceived Campaign Negativity	0.003	2.00
Candidate Contact	0.032*	25.71

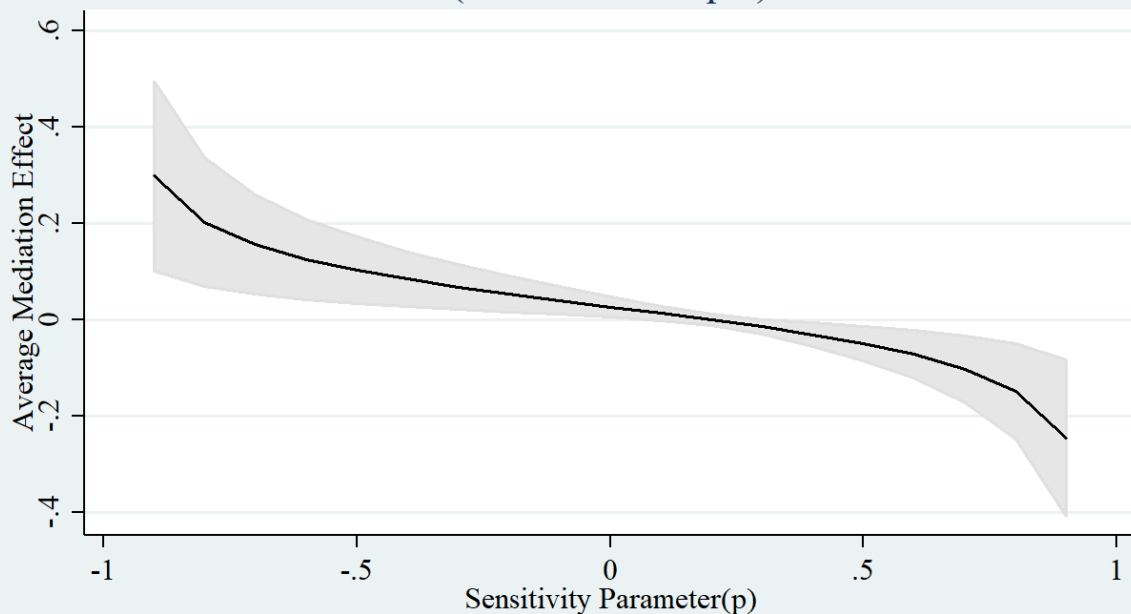
RCV= Ranked-choice voting. *0.05. The above table shows the amount and percentage of the effect of RCV that is mediated by campaign civility and contact. Only respondents under the age of 35 included in analyses.

Table (B9) Predicted Probability of Reporting Having Voted While Controlling for Campaign Effects

Base Model			
	Plurality	RCV	Difference
Young	78.91 (70.34, 87.47)	87.61 (81.85, 93.28)	8.70
Old	93.10 (90.45, 95.75)	94.16 (91.48, 96.83)	1.06
Difference	-14.19	-6.55	
Criticism Model			
	Plurality	RCV	Difference
Young	77.28 (69.40, 85.16)	86.78 (80.67, 92.88)	9.50
Old	92.49 (90.05, 94.96)	93.86 (91.16, 96.57)	1.37
Difference	-15.21	-7.08	
Satisfaction Model			
	Plurality	RCV	Difference
Young	79.78 (71.27, 88.29)	88.48 (83.10, 93.85)	8.70
Old	93.57 (90.84, 96.30)	94.45 (91.85, 97.06)	0.88
Difference	-13.79	-5.97	
Campaign Negativity Model			
	Plurality	RCV	Difference
Young	78.85 (70.08, 87.62)	87.47 (81.81, 93.13)	8.62
Old	93.11 (90.42, 95.80)	94.07 (91.34, 96.80)	0.96
Difference	-14.26	-6.60	
Mobilization Model			
	Plurality	RCV	Difference
Young	83.94 (76.75, 91.12)	89.86 (85.09, 94.63)	5.92
Old	94.64 (92.77, 96.51)	95.41 (93.36, 97.46)	0.77
Difference	-10.70	-5.55	
Combined Model			
	Plurality	RCV	Difference
Young	81.78 (72.26, 91.31)	88.87 (82.57, 95.17)	7.09
Old	94.04 (91.01, 97.06)	94.93 (92.06, 97.80)	0.89
Difference	-12.26	-6.06	

Bolded coefficients significant at the p<.10 level or greater

Sensitivity Analysis: Average Casual Mediation Effect of Campaign Contact on Ranked-Choice Voting and Youth Turnout (Youth Subsample)



Sensitivity analyses calculated following Imai et al., (2011). Rho at which ACME=0: 0.1908; $R^2_M \cdot R^2_{Y^*}$ at which ACME: 0.0364; $R^2_M \sim R^2_{Y^*}$ at which ACME=0: 0.0263. Youth subsample only.

Figure (B5) Robustness Checks: Sensitivity Analysis: Average Casual Mediation Effect of " Campaign Contact on Ranked-Choice Voting and Youth Turnout (Youth Subsample)

Appendix C: Summary Statistics

Table (C1) Summary Statistics

Variable	Obs.	Mean	Std. Dev.	Min.	Max.
Self-Reported Voted	4,731	0.833	0.373	0	1
RCV City	4,731	0.526	0.499	0	1
Age	4,731	59.488	18.033	18	99
Age Squared	4,731	3863.979	2197.224	324	9801
Young	4,731	0.100	0.300	0	1
Education	4,731	2.657	1.035	1	4
Female	4,731	0.547	0.498	0	1
Income	4,731	5.250	2.330	0	9
Employed	4,731	0.525	0.499	0	1
Black	4,731	0.111	0.314	0	1
Asian	4,731	0.043	0.205	0	1
Other	4,731	0.037	0.193	0	1
Hispanic	4,731	0.097	0.297	0	1
Democrat	4,731	0.586	0.493	0	1
Republican	4,731	0.1330	0.340	0	1
Political Interest	4,731	0.567	0.495	0	1
Perceived Campaign Criticism	4,338	2.001	1.041	1	4
Perceived Campaign Dissatisfaction	4,505	2.168	0.842	1	4
Perceived Campaign Negativity	4,731	1.864	0.633	1	3
Contacted	4,689	0.741	0.438	0	1

Table (C2) Summary Statistics by Group

Variable (Range)	Full Sample	Plurality	RCV	Mill/Gen Z	Gen X	Boomer	Silent
Self-Reported Voted (0-1)	0.833	0.815	0.849	0.575	0.808	0.879	0.881
RCV City (0-1)	0.526	0.000	1.000	0.495	0.521	0.531	0.535
Age (18-99)	59.488	59.132	59.809	27.839	44.575	60.537	82.109
Age Squared (324-9801)	3,863.979	3,838.282	3,887.107	794.389	2,006.670	3,689.164	6,821.194
Young (0-1)	0.100	0.107	0.094	1.000	0.000	0.000	0.000
Education (1-4)	2.657	2.514	2.786	2.611	2.795	2.719	2.467
Female (0-1)	0.547	0.528	0.563	0.493	0.522	0.526	0.607
Income (0-9)	5.250	5.146	5.345	4.953	6.111	5.534	4.246
Employed (0-1)	0.525	0.538	0.513	0.698	0.628	0.526	0.375
Black (0-1)	0.111	0.104	0.116	0.104	0.114	0.112	0.107
Asian (0-1)	0.043	0.045	0.043	0.129	0.065	0.027	0.021
Other (0-1)	0.037	0.032	0.045	0.070	0.053	0.029	0.029
Hispanic (0-1)	0.097	0.133	0.065	0.199	0.112	0.078	0.072
Democrat (0-1)	0.586	0.528	0.638	0.584	0.557	0.606	0.581
Republican (0-1)	0.133	0.181	0.090	0.097	0.136	0.122	0.158
Political Interest (0-1)	0.567	0.579	0.557	0.309	0.507	0.602	0.653
Candidate Criticism (1-4)	2.001	2.177	1.836	2.061	1.975	2.008	2.004
Campaign Dissatisfaction (1-4)	2.168	2.193	2.145	2.170	2.190	2.170	2.142
Campaign Negativity (1-3)	1.864	2.025	1.718	1.856	1.820	1.830	1.950
Contacted by Candidate (0-1)	0.741	0.717	0.763	0.603	0.748	0.793	0.705

RCV=Ranked-choice voting. Mill/Gen Z=Millennials and generation Z (below 35), Gen X=Generation X (35-51), Boomer= Baby Boomer Generation (52-69), Silent=Silent Generation (70+). Education, income, candidate criticism, and campaign negativity all coded so greater values represent more of that measure (i.e., higher levels of education, higher levels of perceived criticism).

RCV	Geographic Area Name	Median Age	% VAP	% Asian	% Black	% White	% Hispanic	Total Population	Median income
Plurality	Berkeley, California	31.7	87.4	20.5	8.8	60.2	9.9	116774	61960
Plurality	Alameda, California	42.5	79.1	30.5	8.6	46	10.7	76413	75212
RCV	Cambridge, Massachusetts	30.7	88	15	11.1	66.3	9.2	107276	75137
Plurality	Lowell, Massachusetts	32.4	76.3	20.5	6.5	56	20.8	108868	42270
Plurality	Worcester, Massachusetts	32.7	77.8	6.3	14	70.8	22.2	182538	45011
RCV	Minneapolis, Minnesota	32.1	80.4	6.2	18.1	64.2	9.7	400079	50563
Plurality	Boston, Massachusetts	31.7	83.4	9	24.1	52.9	18.8	644710	53583
Plurality	Seattle, Washington	36.1	84.6	14.1	7.4	70.6	6.4	624681	70172
Plurality	Tulsa, Oklahoma	34.7	75.7	2.7	15.1	65.5	14.8	398724	41495
RCV	Oakland, California	36	79.5	16.2	25.4	39.3	26.6	406228	54394
Plurality	Anaheim, California	33.8	74.8	15.9	2.8	71.6	51.8	345015	57550
Plurality	Santa Ana, California	30.2	71.6	10.2	1.1	44.2	77.6	334241	47914
Plurality	Santa Clara, California	34.3	79.3	44.4	4.1	40.9	15.6	120250	95415
Plurality	Stockton, California	32.3	71.8	21.5	10.9	42.2	43.6	298115	42114
RCV	San Francisco, California	38.7	86.6	33.5	5.7	48.5	15.3	837442	77485
Plurality	San Jose, California	36	76	33.2	3.2	43	33.5	998514	80977
RCV	San Leandro, California	41.3	79.8	32.3	13.6	43.7	26.1	87967	63803
Plurality	Richmond, California	35.5	76.9	14.2	20.9	41.4	40.2	107580	54638
Plurality	St. Paul, Minnesota	31.2	74.3	16.7	16.1	58.8	9.6	294873	49469
Plurality	Cedar Rapids, Iowa	36.4	77.5	1.5	7.8	86.1	4.3	128422	49809

Plurality	Des Moines, Iowa	32.8	75	4.4	11	77.8	13.3	207293	45110
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