

Supporting Information: ANES Scales Often Don't Measure What You Think They Measure – An ERPC2016 Analysis

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A Measurement

A.1 Constructing the Scales

This appendix describes how the scales were constructed. Table A1 maps the scale item numbers we use throughout the manuscript to their corresponding variable names in the ANES data.¹ Below, we describe how to recode the variables. For all items in all scales except Wordsum, we set don't know (DK) responses as missing and set the minimum value to zero.

Authoritarianism

The battery is introduced with the statement, “Although there are a number of qualities that people feel that children should have, every person thinks that some are more important than others. I am going to read you pairs of desirable qualities. Please tell me which one you think is more important for a child to have.” Each item includes two options, displayed below. Each item is recoded to equal one for respondents choosing the authoritarian option, marked in **bold**, and zero for respondents choosing the nonauthoritarian response.

1. Independence or **Respect for elders**
2. Curiosity or **Good manners**
3. **Obedience** or Self-reliance
4. Being considerate or **Well behaved**

Egalitarianism

2016 excludes two items from 2012 (egal_toofar and egal_bigprob) and we focus only on the scale constructed from the four common items. The response options for all items are Agree strongly, Agree somewhat, Neither agree nor disagree, Disagree somewhat, or Disagree strongly

1. Our society should do whatever is necessary to make sure that everyone has an equal opportunity to succeed.
2. This country would be better off if we worried less about how equal people are.
3. It is not really that big a problem if some people have more of a chance in life than others.

¹Before the data were made available, the 2016 ANES provided mnemonic variable names in their codebook. Rather than use mnemonic names, the current version of the 2016 ANES instead uses numeric names. As a result, the 2016 variable names do not match the names we specified in the preanalysis plan.

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4. If people were treated more equally in this country we would have many fewer problems.

Limited Government

Respondents are presented with two opposing alternatives and asked, “Which of the two statements comes closer to your view?” The items are recoded so that the alternative supporting a more limited role for government, marked in **bold** below, equals one and the other option equals zero. The alternatives for each item are:

1. **A. The main reason government has become bigger over the years is because it has gotten involved in things that people should do for themselves.** B. Government has become bigger because the problems we face have become bigger.
2. A. We need a strong government to handle today’s complex economic problems. **B. The free market can handle these problems without government being involved.**
3. **A. The less government, the better.** B. There are more things that government should be doing.

Moral Traditionalism

The response options for all items are Agree strongly, Agree somewhat, Neither agree nor disagree, Disagree somewhat, or Disagree strongly. We recoded the items so larger values indicate a stronger preference for moral traditionalism. The values range from 0 (Disagree strongly) to 4 (Agree strongly), except where marked as **reverse coded**, below. Reverse coded items range from 0 (Agree strongly) to 4 (Disagree strongly).

1. The world is always changing and we should adjust our view of moral behavior to those changes (**reverse coded**)
2. The newer lifestyles are contributing to the breakdown of our society.
3. We should be more tolerant of people who choose to live according to their own moral standards, even if they are very different from our own. (**reverse coded**)
4. This country would have many fewer problems if there were more emphasis on traditional family ties

Negative Black Stereotypes

Each item includes seven response options, anchored by two opposite traits. For each set of anchors, respondents are asked, “Where would you rate BLACKS in general on this scale?” The anchors are below. Note that the Item 1 anchors remained the same in both years, but the Item 2 anchors differed.

1. Hard-working/Lazy
2. Intelligent/Unintelligent (2012); Peaceful/Violent (2016)

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Non-Voting Participation

The battery is introduced with the following statement “We would like to find out about some of the things people do to help a party or a candidate win an election.” The response options for all items were Yes or No. We recode the items so that Yes = 1 and No = 0.

1. During the campaign, did you talk to any people and try to show them why they should vote for or against one of the parties or candidates?
2. Did you go to any political meetings, rallies, speeches, dinners, or things like that in support of a particular candidate?
3. Did you wear a campaign button, put a campaign sticker on your car, or place a sign in your window or in front of your house?
4. Did you do any (other) work for one of the parties or candidates?
5. Did you give money to an INDIVIDUAL CANDIDATE running for public office?
6. Did you give money to a POLITICAL PARTY during this election year?
7. Did you give any money to ANY OTHER GROUP that supported or opposed candidates?

Racial Resentment

The response options for all items are Agree strongly, Agree somewhat, Neither agree nor disagree, Disagree somewhat, or Disagree strongly. We recoded the items so larger values express stronger racial resentment. The values range from 0 (Disagree strongly) to 4 (Agree strongly), except where marked as **reverse code**, below. Reverse coded items range from 0 (Agree strongly) to 4 (Disagree strongly).

1. Irish, Italians, Jewish and many other minorities overcame prejudice and worked their way up. Blacks should do the same without any special favors.
2. Generations of slavery and discrimination have created conditions that make it difficult for blacks to work their way out of the lower class. (**reverse coded**)
3. Over the past few years, blacks have gotten less than they deserve. (**reverse coded**)
4. It’s really a matter of some people not trying hard enough; if blacks would only try harder they could be just as well off as whites.

TUPI

The TUPI includes ten items in total with two items per trait. The battery is introduced with the statement, “We’re interested in how you see yourself. Please mark how well the following pair of words describes you, even if one word describes you better than the other.” The word pairs for each trait are shown below. The response options for all items are Extremely poorly, Somewhat poorly, A little poorly, Neither poorly nor well, A little well, Somewhat well, or Extremely well. We recode the values range from 0 (Extremely poorly) to 6 (Extremely well), except where marked as **reverse coded**, below. Reverse coded items range from 0 (Extremely well) to 4 (Extremely poorly).

TUPI: Agreeableness

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1. critical, quarrelsome (**reverse coded**)
2. sympathetic, warm

TIP: Conscientiousness

1. dependable, self-disciplined
2. disorganized, careless (**reverse coded**)

TIP: Emotional Stability

1. anxious, easily upset (**reverse coded**)
2. calm, emotionally stable

TIP: Extraversion

1. extraverted, enthusiastic
2. reserved, quiet (**reverse coded**)

TIP: Openness To Experiences

1. open to new experiences, complex
2. conventional, uncreative (**reverse coded**)

Wordsum

The battery is introduced with the following text:

“We would like to know something about how people go about guessing words they do not know. We will list some words—you may know some of them, and you may not know quite a few of them. Select the word that comes closest to the meaning of the word in capital letters. For example, if the word in capital letters is BEAST, you would select ‘animal,’ since that word comes closer to BEAST than any of the other words. These words are difficult for almost everyone—just give your best guess if you are not sure of the answer. **SELECT ONE ANSWER FOR EACH QUESTION.** Please do not ask anyone for help or look up information to help you answer these questions — we want to learn how people answer on their own.”

Following [Cor et al. \(2012\)](#), each Wordsum item is coded 1 for correct responses and 0 for incorrect or DK responses. Individuals who did not respond to five or more Wordsum items will be coded missing for all Wordsum items. To maintain the integrity of the test, the ANES does not disclose the specific words used in the battery. Instead, the ANES refers to the words with the following labels, which correspond to the labels given by [Cor et al. \(2012\)](#):

1. set B
2. set D
3. set E

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4. set F
5. set G
6. set H
7. set J
8. set K
9. set L
10. set O

A.2 Constructing the Grouping Variables

This appendix describes how the grouping variables were constructed. Table [A2](#) displays the grouping variables used in the analyses. The first column corresponds to the label we use throughout the text. The second and third columns display the corresponding ANES variable names in the 2012 and 2016 data.² The remaining columns display the values of the grouping variables used in our analysis.

²Before the data were made available, the 2016 ANES provided mnemonic variable names in their codebook. Rather than use mnemonic names, the current version of the 2016 ANES instead uses numeric names. As a result, the 2016 variable names do not match the names we specified in the preanalysis plan.

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Table A1: The items used to construct the scales

Scale	Item #	2012 Name	2016 Name
Authoritarianism	1	auth_ind	V162239
	2	auth_cur	V162240
	3	auth_obed	V162241
	4	auth_consider	V162242
Egalitarianism	1	egal_equal	V162243
	2	egal_worryless	V162244
	3	egal_notbigprob	V162245
	4	egal_fewerprobs	V162246
Limited Government	1	govrole_big	V162183
	2	govrole_market	V162184
	3	govrole_lessmore	V162185
Moral Traditionalism	1	trad_adjust	V162207
	2	trad_lifestyle	V162208
	3	trad_tolerant	V162209
	4	trad_famval	V162210
Negative Black Stereotypes	1	styp_e_hwkblack	V162346
	2	styp_e_intblack	V162350
Non-Voting Participation	1	mobilpo_rmob	V162010
	2	mobilpo_rally	V162011
	3	mobilpo_sign	V162012
	4	mobilpo_otherwork	V162013
	5	mobilpo_ctbcand	V162014
	6	mobilpo_ctbpty	V162016
	7	mobilpo_ctboth	V162017
Racial Resentment	1	resent_workway	V162211
	2	resent_slavery	V162212
	3	resent_deserve	V162213
	4	resent_try	V162214
TIPI: Agreeableness	1	tipi_crit	V162334
	2	tipi_warm	V162339
TIPI: Conscientiousness	1	tipi_dep	V162335
	2	tipi_disorg	V162340
TIPI: Emotional Stability	1	tipi_anx	V162336
	2	tipi_calm	V162341
TIPI: Extraversion	1	tipi_extra	V162333
	2	tipi_resv	V162338
TIPI: Openness To Experiences	1	tipi_open	V162337
	2	tipi_conv	V162342
Wordsum	1	wordsum_setb	V161497
	2	wordsum_setd	V161498
	3	wordsum_sete	V161499
	4	wordsum_setf	V161500
	5	wordsum_setg	V161501
	6	wordsum_seth	V161502
	7	wordsum_setj	V161503
	8	wordsum_setk	V161504
	9	wordsum_setl	V161505
	10	wordsum_seto	V161506

Table A2: How the grouping variables were constructed

Grouping Variable	2012 Name	2016 Name	Reference Category	Category 2	Category 3	Category 4	Category 5
Age	dem_age_r_x	V161267	< 40 years	40 - 59	>= 60		
Education	dem_edugroup_x	V161270	< High school	High school	Some college	Bachelor's	Grad. deg.
Electoral turnout	rvote2012_x	V162031x	Did not vote	Voted			
Gender	gender_respondent_x	V161342	Male	Female			
Ideology	libcpre_self	V161126	Liberal	Moderate	Conservative		
Income	inc_incgroup_pre	V161361x	< \$25k	\$25k - \$64k	>= \$65k		
Party ID	pid_x	V161158x	Democratic	Independent	Republican		
Pres. vote choice	presvote2012_x	V162062x	Dem. cand.	Rep. cand.			
Race/ethnicity	dem_raceeth_x	V161310x	White	Black	Hispanic	Other	
Survey mode	mode	V160501	Face-to-face	Internet			

B Anova Results

We test for differential item functioning (DIF) as follows:

1. We estimate a Rasch model on the items, including as person weights the ANES Time Series Post-stratified full sample weight.
2. From the model, we extract the standardized item residuals. For each item, we run a one-way ANOVA of the residuals on the grouping variable. Like the Rasch model, we include as weights in the ANOVAs the ANES Time Series Post-stratified full sample weights.
3. We correct the resulting p-values for multiple comparisons using the Benjamini-Hochberg method ([Benjamini and Hochberg, 1995](#)). If no items receive a statistically significant F statistic in their ANOVA, we conclude that the scale does not exhibit significant DIF for that grouping variable and end the search for DIF for this scale-grouping variable combination. If one or more items receive a statistically significant F statistic, we proceed to the next step.
4. If one item receives a statistically significant F statistic, we conclude that this item exhibits DIF for that grouping variable. If two or more items receive statistically significant F statistics, we conclude that the item with the largest F statistic exhibits DIF.
5. We resolve the item identified in step (4) into two or more new items, based on the respondent's value of the grouping variable. If the grouping variable has only two values, the original item is split into two new items. Each new item contains only the responses from individuals with one value of the grouping variable, setting all others to missing. If the grouping variable has three or more values, we perform pairwise tests using Tukey's Honest Significant Difference procedure. When two values of the

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grouping variable receive a statistically significant difference from this test, we resolve them into new, separate items. In rare cases where the ANOVA provides a statistically significant F statistic but Tukey's Honest Significant Difference procedure does not, we conclude that the item does not exhibit statistically significant DIF.

6. We begin again at step (1). We repeat this process until no items exhibit DIF or no items remain to test (i.e., all items show DIF).
7. Since DIF should not be determined on the basis of statistical significance alone, we then estimate group differences from the off-the-shelf and corrected scales. When these conclusions differ both substantively and statistically, it suggests the off-the-shelf scale is invalid.

The tables below report the ANOVA results used to detect DIF. Each scale receives a separate table, which can be found here:

Authoritarianism: Table [B1](#) on page SI-8

Egalitarianism: Table [B2](#) on page SI-11

Limited Government: Table [B3](#) on page SI-13

Moral Traditionalism: Table [B4](#) on page SI-14

Negative Black Stereotype: Table [B5](#) on page SI-16

Non-voting Participation: Table [B6](#) on page SI-17

Racial Resentment: Table [B7](#) on page SI-22

TIPI: Agreeableness: Table [B8](#) on page SI-24

TIPI: Conscientiousness: Table [B9](#) on page SI-24

TIPI: Emotional Stability: Table [B10](#) on page SI-25

TIPI: Extraversion: Table [B11](#) on page SI-26

TIPI: Openness To Experiences: Table [B12](#) on page SI-26

Wordsum: Table [B13](#) on page SI-27

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Table B1: ANOVA results for Authoritarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	59.85	29.93	50.34	0.00
2012	Age	1	2	2	19.33	9.67	18.83	0.00
2012	Age	1	3	2	7.29	3.64	6.45	0.00
2012	Age	1	4	2	40.56	20.28	26.12	0.00
2012	Age	2	2	2	9.87	4.94	9.65	0.00
2012	Age	2	3	2	19.32	9.66	17.09	0.00
2012	Age	2	4	2	22.53	11.27	14.64	0.00
2012	Age	3	2	2	4.59	2.30	4.49	0.02
2012	Age	3	4	2	14.72	7.36	9.56	0.00
2012	Age	4	2	2	4.44	2.22	4.35	0.04
2012	Education	1	1	4	9.88	2.47	4.09	0.00
2012	Education	1	2	4	69.79	17.45	34.78	0.00
2012	Education	1	3	4	55.22	13.81	24.91	0.00
2012	Education	1	4	4	80.98	20.24	26.48	0.00
2012	Education	2	1	4	25.35	6.34	10.77	0.00
2012	Education	2	3	4	105.81	26.45	47.99	0.00
2012	Education	2	4	4	115.26	28.81	38.29	0.00
2012	Education	3	1	4	64.34	16.08	27.95	0.00
2012	Education	3	4	4	184.24	46.06	61.28	0.00
2012	Education	4	1	4	110.54	27.64	47.94	0.00
2012	Electoral turnout	1	1	1	4.27	4.27	7.07	0.01
2012	Electoral turnout	1	2	1	11.08	11.08	21.44	0.00
2012	Electoral turnout	1	3	1	1.67	1.67	2.94	0.09
2012	Electoral turnout	1	4	1	22.18	22.18	28.47	0.00
2012	Electoral turnout	2	1	1	0.85	0.85	1.42	0.23
2012	Electoral turnout	2	2	1	20.56	20.56	39.75	0.00
2012	Electoral turnout	2	3	1	9.32	9.32	16.52	0.00
2012	Electoral turnout	3	1	1	0.37	0.37	0.62	0.43
2012	Electoral turnout	3	3	1	22.39	22.39	39.60	0.00
2012	Electoral turnout	4	1	1	4.86	4.86	8.12	0.00
2012	Gender	1	1	1	0.01	0.01	0.02	0.89
2012	Gender	1	2	1	20.79	20.79	40.43	0.00
2012	Gender	1	3	1	1.18	1.18	2.09	0.20
2012	Gender	1	4	1	19.58	19.58	25.15	0.00
2012	Gender	2	1	1	1.54	1.54	2.55	0.11
2012	Gender	2	3	1	5.87	5.87	10.35	0.00
2012	Gender	2	4	1	9.89	9.89	12.74	0.00
2012	Gender	3	1	1	0.11	0.11	0.18	0.67
2012	Gender	3	3	1	1.17	1.17	2.07	0.30
2012	Ideology	1	1	2	38.98	19.49	31.95	0.00
2012	Ideology	1	2	2	29.45	14.72	27.43	0.00
2012	Ideology	1	3	2	53.83	26.92	47.60	0.00
2012	Ideology	1	4	2	7.47	3.73	4.71	0.01
2012	Ideology	2	1	2	69.18	34.59	55.74	0.00
2012	Ideology	2	2	2	49.04	24.52	45.78	0.00
2012	Ideology	2	4	2	4.36	2.18	2.79	0.06
2012	Ideology	3	2	2	92.01	46.01	85.50	0.00
2012	Ideology	3	4	2	14.07	7.04	9.07	0.00
2012	Ideology	4	4	2	55.78	27.89	35.92	0.00
2012	Income	1	1	2	0.75	0.37	0.61	0.54
2012	Income	1	2	2	5.70	2.85	5.43	0.01
2012	Income	1	3	2	13.70	6.85	12.09	0.00
2012	Income	1	4	2	25.86	12.93	16.56	0.00
2012	Income	2	1	2	2.08	1.04	1.70	0.18
2012	Income	2	2	2	9.46	4.73	9.04	0.00
2012	Income	2	3	2	29.78	14.89	26.36	0.00
2012	Income	3	1	2	9.76	4.88	7.99	0.00
2012	Income	3	2	2	23.10	11.55	22.05	0.00
2012	Income	4	1	2	25.57	12.79	20.80	0.00
2012	Party ID	1	1	2	49.65	24.83	41.68	0.00
2012	Party ID	1	2	2	1.39	0.70	1.34	0.26
2012	Party ID	1	3	2	21.07	10.53	18.70	0.00
2012	Party ID	1	4	2	40.71	20.36	26.25	0.00
2012	Party ID	2	2	2	3.92	1.96	3.78	0.02
2012	Party ID	2	3	2	39.54	19.77	34.97	0.00
2012	Party ID	2	4	2	27.20	13.60	17.65	0.00
2012	Party ID	3	2	2	13.11	6.56	12.68	0.00
2012	Party ID	3	4	2	10.42	5.21	6.77	0.00
2012	Party ID	4	4	2	10.33	5.17	6.70	0.00
2012	Party ID	5	4	2	15.29	7.65	9.90	0.00
2012	Pres. vote choice	1	1	1	54.85	54.85	97.34	0.00
2012	Pres. vote choice	1	2	1	0.09	0.09	0.17	0.68
2012	Pres. vote choice	1	3	1	20.16	20.16	38.14	0.00
2012	Pres. vote choice	1	4	1	28.89	28.89	40.79	0.00
2012	Pres. vote choice	2	2	1	5.74	5.74	11.06	0.00
2012	Pres. vote choice	2	3	1	39.26	39.26	74.36	0.00
2012	Pres. vote choice	2	4	1	14.67	14.67	20.83	0.00
2012	Pres. vote choice	3	2	1	20.82	20.82	40.10	0.00
2012	Pres. vote choice	3	4	1	1.85	1.85	2.63	0.11
2012	Pres. vote choice	4	4	1	0.14	0.14	0.19	0.66
2012	Race/ethnicity	1	1	3	24.01	8.00	13.32	0.00
2012	Race/ethnicity	1	2	3	19.42	6.47	12.58	0.00
2012	Race/ethnicity	1	3	3	21.37	7.12	12.68	0.00
2012	Race/ethnicity	1	4	3	66.18	22.06	28.60	0.00
2012	Race/ethnicity	2	1	3	11.23	3.74	6.33	0.00
2012	Race/ethnicity	2	2	3	40.95	13.65	26.67	0.00
2012	Race/ethnicity	2	3	3	53.59	17.86	31.89	0.00
2012	Race/ethnicity	3	1	3	3.87	1.29	2.21	0.11
2012	Race/ethnicity	3	2	3	72.99	24.33	47.34	0.00
2012	Race/ethnicity	4	1	3	16.56	5.52	9.40	0.00
2012	Survey mode	1	1	1	14.65	14.65	24.38	0.00
2012	Survey mode	1	2	1	0.61	0.61	1.17	0.37
2012	Survey mode	1	3	1	0.11	0.11	0.19	0.66
2012	Survey mode	1	4	1	5.01	5.01	6.42	0.02

Authoritarianism ANOVA results continued on next page

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Table B1: ANOVA results for Authoritarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Survey mode	2	2	1	2.78	2.78	5.36	0.06
2012	Survey mode	2	3	1	0.19	0.19	0.34	0.56
2012	Survey mode	2	4	1	2.48	2.48	3.19	0.11
2016	Age	1	1	2	50.23	25.12	40.23	0.00
2016	Age	1	2	2	3.36	1.68	3.10	0.06
2016	Age	1	3	2	0.34	0.17	0.28	0.76
2016	Age	1	4	2	17.74	8.87	12.03	0.00
2016	Age	2	2	2	10.65	5.32	9.82	0.00
2016	Age	2	3	2	4.71	2.36	3.93	0.03
2016	Age	2	4	2	7.13	3.56	4.88	0.02
2016	Age	3	3	2	7.38	3.69	6.16	0.01
2016	Age	3	4	2	5.31	2.66	3.64	0.05
2016	Age	4	4	2	2.09	1.05	1.44	0.46
2016	Age	5	4	2	0.77	0.38	0.52	0.89
2016	Education	1	1	4	5.99	1.50	2.38	0.05
2016	Education	1	2	4	40.37	10.09	19.20	0.00
2016	Education	1	3	4	33.51	8.38	14.09	0.00
2016	Education	1	4	4	40.99	10.25	14.07	0.00
2016	Education	2	1	4	19.30	4.82	7.80	0.00
2016	Education	2	3	4	61.51	15.38	25.90	0.00
2016	Education	2	4	4	58.17	14.54	20.11	0.00
2016	Education	3	1	4	46.03	11.51	18.95	0.00
2016	Education	3	4	4	101.78	25.44	35.17	0.00
2016	Education	4	1	4	87.69	21.92	35.93	0.00
2016	Electoral turnout	1	1	1	1.46	1.46	2.39	0.12
2016	Electoral turnout	1	2	1	5.58	5.58	10.41	0.00
2016	Electoral turnout	1	3	1	3.02	3.02	5.25	0.03
2016	Electoral turnout	1	4	1	7.25	7.25	10.24	0.00
2016	Electoral turnout	2	1	1	0.18	0.18	0.29	0.59
2016	Electoral turnout	2	3	1	6.07	6.07	10.57	0.00
2016	Electoral turnout	2	4	1	11.22	11.22	15.99	0.00
2016	Electoral turnout	3	1	1	0.51	0.51	0.83	0.36
2016	Electoral turnout	3	3	1	16.11	16.11	28.15	0.00
2016	Electoral turnout	4	1	1	5.45	5.45	8.88	0.00
2016	Gender	1	1	1	8.56	8.56	13.79	0.00
2016	Gender	1	2	1	0.31	0.31	0.57	0.45
2016	Gender	1	3	1	1.73	1.73	2.87	0.12
2016	Gender	1	4	1	17.87	17.87	24.35	0.00
2016	Gender	2	1	1	4.47	4.47	7.22	0.02
2016	Gender	2	2	1	0.15	0.15	0.28	0.89
2016	Gender	2	3	1	0.00	0.00	0.00	0.98
2016	Gender	3	2	1	0.09	0.09	0.17	0.68
2016	Gender	3	3	1	0.43	0.43	0.71	0.68
2016	Ideology	1	1	2	47.29	23.64	43.67	0.00
2016	Ideology	1	2	2	46.33	23.17	45.44	0.00
2016	Ideology	1	3	2	21.39	10.70	19.37	0.00
2016	Ideology	1	4	2	4.16	2.08	3.18	0.04
2016	Ideology	2	1	2	87.54	43.77	80.55	0.00
2016	Ideology	2	3	2	47.49	23.75	43.63	0.00
2016	Ideology	2	4	2	10.44	5.22	8.22	0.00
2016	Ideology	3	3	2	101.57	50.79	92.87	0.00
2016	Ideology	3	4	2	28.82	14.41	21.98	0.00
2016	Ideology	4	4	2	83.86	41.93	63.27	0.00
2016	Income	1	1	2	6.61	3.30	5.24	0.01
2016	Income	1	2	2	6.11	3.05	5.67	0.00
2016	Income	1	3	2	13.99	7.00	11.57	0.00
2016	Income	1	4	2	44.84	22.42	30.40	0.00
2016	Income	2	1	2	4.53	2.26	3.66	0.03
2016	Income	2	2	2	16.53	8.26	15.40	0.00
2016	Income	2	3	2	33.58	16.79	27.89	0.00
2016	Income	3	1	2	5.13	2.57	4.20	0.02
2016	Income	3	2	2	33.74	16.87	31.32	0.00
2016	Income	4	1	2	17.92	8.96	14.69	0.00
2016	Party ID	1	1	2	41.52	20.76	33.83	0.00
2016	Party ID	1	2	2	12.84	6.42	12.00	0.00
2016	Party ID	1	3	2	3.79	1.90	3.16	0.04
2016	Party ID	1	4	2	8.73	4.37	5.91	0.00
2016	Party ID	2	2	2	29.30	14.65	27.37	0.00
2016	Party ID	2	3	2	11.20	5.60	9.35	0.00
2016	Party ID	2	4	2	4.09	2.04	2.77	0.06
2016	Party ID	3	3	2	25.53	12.77	21.22	0.00
2016	Party ID	3	4	2	3.50	1.75	2.35	0.13
2016	Party ID	4	4	2	10.30	5.15	6.87	0.00
2016	Pres. vote choice	1	1	1	44.27	44.27	81.70	0.00
2016	Pres. vote choice	1	2	1	22.87	22.87	43.36	0.00
2016	Pres. vote choice	1	3	1	10.82	10.82	19.35	0.00
2016	Pres. vote choice	1	4	1	7.60	7.60	10.67	0.00
2016	Pres. vote choice	2	2	1	48.37	48.37	91.37	0.00
2016	Pres. vote choice	2	3	1	25.74	25.74	46.27	0.00
2016	Pres. vote choice	2	4	1	1.31	1.31	1.83	0.18
2016	Pres. vote choice	3	3	1	57.34	57.34	102.37	0.00
2016	Pres. vote choice	3	4	1	1.24	1.24	1.72	0.19
2016	Pres. vote choice	4	4	1	19.76	19.76	26.94	0.00
2016	Race/ethnicity	1	1	3	20.19	6.73	10.85	0.00
2016	Race/ethnicity	1	2	3	8.25	2.75	5.12	0.00
2016	Race/ethnicity	1	3	3	27.70	9.23	15.52	0.00
2016	Race/ethnicity	1	4	3	67.29	22.43	31.07	0.00
2016	Race/ethnicity	2	1	3	8.42	2.81	4.65	0.00
2016	Race/ethnicity	2	2	3	22.89	7.63	14.31	0.00
2016	Race/ethnicity	2	3	3	53.86	17.95	30.25	0.00
2016	Race/ethnicity	3	1	3	1.16	0.39	0.65	0.78
2016	Race/ethnicity	3	2	3	45.21	15.07	28.19	0.00
2016	Race/ethnicity	4	1	3	5.59	1.86	3.15	0.05
2016	Race/ethnicity	5	1	3	6.99	2.33	3.95	0.03

Authoritarianism ANOVA results continued on next page

Supporting Information

Table B1: ANOVA results for Authoritarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Survey mode	1	1	1	7.39	7.39	11.80	0.00
2016	Survey mode	1	2	1	0.80	0.80	1.49	0.22
2016	Survey mode	1	3	1	1.61	1.61	2.68	0.20
2016	Survey mode	1	4	1	1.32	1.32	1.78	0.22
2016	Survey mode	2	2	1	2.37	2.37	4.39	0.09
2016	Survey mode	2	3	1	0.56	0.56	0.93	0.33
2016	Survey mode	2	4	1	2.64	2.64	3.56	0.09

Table B2: ANOVA results for Egalitarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	40.59	20.29	28.69	0.00
2012	Age	1	2	2	24.31	12.16	17.07	0.00
2012	Age	1	3	2	35.86	17.93	24.89	0.00
2012	Age	1	4	2	17.89	8.94	11.76	0.00
2012	Age	2	2	2	10.92	5.46	7.66	0.00
2012	Age	2	3	2	31.88	15.94	22.07	0.00
2012	Age	2	4	2	25.52	12.76	16.75	0.00
2012	Age	3	2	2	19.08	9.54	13.36	0.00
2012	Age	3	4	2	13.86	6.93	9.08	0.00
2012	Age	4	4	2	4.70	2.35	3.08	0.06
2012	Education	1	1	4	42.56	10.64	15.01	0.00
2012	Education	1	2	4	53.89	13.47	19.05	0.00
2012	Education	1	3	4	73.05	18.26	25.46	0.00
2012	Education	1	4	4	85.65	21.41	28.89	0.00
2012	Education	2	1	4	87.03	21.76	30.46	0.00
2012	Education	2	2	4	22.15	5.54	7.78	0.00
2012	Education	2	3	4	33.22	8.31	11.52	0.00
2012	Education	3	2	4	6.21	1.55	2.17	0.15
2012	Education	3	3	4	11.76	2.94	4.06	0.01
2012	Education	4	2	4	6.65	1.66	2.33	0.27
2012	Electoral turnout	1	1	1	0.50	0.50	0.71	0.40
2012	Electoral turnout	1	2	1	4.48	4.48	6.25	0.02
2012	Electoral turnout	1	3	1	3.63	3.63	4.95	0.03
2012	Electoral turnout	1	4	1	10.95	10.95	14.33	0.00
2012	Electoral turnout	2	1	1	2.73	2.73	3.83	0.15
2012	Electoral turnout	2	2	1	1.53	1.53	2.13	0.22
2012	Electoral turnout	2	3	1	1.08	1.08	1.48	0.22
2012	Gender	1	1	1	0.01	0.01	0.01	0.91
2012	Gender	1	2	1	0.34	0.34	0.48	0.65
2012	Gender	1	3	1	10.40	10.40	14.26	0.00
2012	Gender	1	4	1	3.09	3.09	4.03	0.09
2012	Gender	2	1	1	0.76	0.76	1.06	0.44
2012	Gender	2	2	1	2.96	2.96	4.13	0.13
2012	Gender	2	4	1	0.46	0.46	0.60	0.44
2012	Ideology	1	1	2	15.23	7.62	10.58	0.00
2012	Ideology	1	2	2	82.11	41.06	60.09	0.00
2012	Ideology	1	3	2	1.68	0.84	1.16	0.31
2012	Ideology	1	4	2	32.82	16.41	22.24	0.00
2012	Ideology	2	1	2	0.45	0.23	0.32	0.73
2012	Ideology	2	3	2	14.56	7.28	10.08	0.00
2012	Ideology	2	4	2	75.16	37.58	50.93	0.00
2012	Ideology	3	1	2	20.92	10.46	14.87	0.00
2012	Ideology	3	3	2	55.78	27.89	39.03	0.00
2012	Ideology	4	1	2	64.43	32.22	46.00	0.00
2012	Income	1	1	2	7.53	3.77	5.29	0.01
2012	Income	1	2	2	7.19	3.59	5.12	0.01
2012	Income	1	3	2	11.08	5.54	7.62	0.00
2012	Income	1	4	2	37.91	18.96	25.21	0.00
2012	Income	2	1	2	23.13	11.56	16.23	0.00
2012	Income	2	2	2	0.59	0.30	0.42	0.66
2012	Income	2	3	2	1.15	0.57	0.79	0.66
2012	Income	3	2	2	1.97	0.98	1.39	0.37
2012	Income	3	3	2	1.42	0.71	0.97	0.38
2012	Party ID	1	1	2	0.19	0.09	0.13	0.88
2012	Party ID	1	2	2	56.31	28.16	39.79	0.00
2012	Party ID	1	3	2	3.60	1.80	2.46	0.11
2012	Party ID	1	4	2	23.44	11.72	15.34	0.00
2012	Party ID	2	1	2	10.85	5.42	7.90	0.00
2012	Party ID	2	3	2	7.22	3.61	5.03	0.01
2012	Party ID	2	4	2	76.75	38.38	51.60	0.00
2012	Party ID	3	1	2	62.28	31.14	46.60	0.00
2012	Party ID	3	3	2	52.31	26.15	37.28	0.00
2012	Party ID	4	3	2	165.35	82.68	120.16	0.00
2012	Pres. vote choice	1	1	1	2.01	2.01	2.86	0.12
2012	Pres. vote choice	1	2	1	88.08	88.08	133.50	0.00
2012	Pres. vote choice	1	3	1	1.58	1.58	2.21	0.14
2012	Pres. vote choice	1	4	1	13.25	13.25	17.57	0.00
2012	Pres. vote choice	2	1	1	5.91	5.91	8.71	0.00
2012	Pres. vote choice	2	3	1	11.18	11.18	15.86	0.00
2012	Pres. vote choice	2	4	1	67.68	67.68	92.02	0.00
2012	Pres. vote choice	3	1	1	51.44	51.44	78.18	0.00
2012	Pres. vote choice	3	3	1	71.08	71.08	103.83	0.00
2012	Pres. vote choice	4	1	1	150.49	150.49	232.71	0.00
2012	Race/ethnicity	1	1	3	11.18	3.73	5.22	0.00
2012	Race/ethnicity	1	2	3	11.15	3.72	5.19	0.00
2012	Race/ethnicity	1	3	3	23.15	7.72	10.59	0.00
2012	Race/ethnicity	1	4	3	21.88	7.29	9.54	0.00
2012	Race/ethnicity	2	1	3	7.19	2.40	3.35	0.03
2012	Race/ethnicity	2	2	3	7.96	2.65	3.70	0.03

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Supporting Information

Table B2: ANOVA results for Egalitarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Race/ethnicity	2	4	3	18.39	6.13	8.00	0.00
2012	Race/ethnicity	3	1	3	16.93	5.64	7.92	0.00
2012	Race/ethnicity	3	2	3	24.10	8.03	11.27	0.00
2012	Race/ethnicity	4	1	3	20.46	6.82	9.58	0.00
2012	Race/ethnicity	4	2	3	32.82	10.94	15.37	0.00
2012	Race/ethnicity	5	1	3	55.25	18.42	25.83	0.00
2012	Survey mode	1	1	1	56.47	56.47	80.24	0.00
2012	Survey mode	1	2	1	37.67	37.67	53.02	0.00
2012	Survey mode	1	3	1	5.98	5.98	8.18	0.00
2012	Survey mode	1	4	1	9.47	9.47	12.38	0.00
2012	Survey mode	2	2	1	10.94	10.94	15.39	0.00
2012	Survey mode	2	3	1	0.07	0.07	0.09	0.76
2012	Survey mode	2	4	1	34.19	34.19	44.69	0.00
2012	Survey mode	3	2	1	0.66	0.66	0.93	0.34
2012	Survey mode	3	3	1	6.43	6.43	8.78	0.01
2012	Survey mode	4	2	1	0.15	0.15	0.21	0.64
2016	Age	1	1	2	34.17	17.08	24.50	0.00
2016	Age	1	2	2	30.66	15.33	22.38	0.00
2016	Age	1	3	2	22.73	11.36	16.08	0.00
2016	Age	1	4	2	9.05	4.53	6.39	0.00
2016	Age	2	2	2	14.47	7.24	10.50	0.00
2016	Age	2	3	2	10.71	5.35	7.53	0.00
2016	Age	2	4	2	20.08	10.04	14.09	0.00
2016	Age	3	2	2	7.36	3.68	5.31	0.01
2016	Age	3	3	2	3.32	1.66	2.33	0.15
2016	Age	4	3	2	8.52	4.26	5.97	0.01
2016	Education	1	1	4	25.34	6.33	9.02	0.00
2016	Education	1	2	4	21.62	5.40	7.86	0.00
2016	Education	1	3	4	19.08	4.77	6.85	0.00
2016	Education	1	4	4	17.07	4.27	6.11	0.00
2016	Education	2	2	4	14.24	3.56	5.16	0.00
2016	Education	2	3	4	13.00	3.25	4.65	0.00
2016	Education	2	4	4	24.49	6.12	8.75	0.00
2016	Education	3	2	4	11.71	2.93	4.22	0.01
2016	Education	3	3	4	5.98	1.49	2.13	0.10
2016	Education	4	3	4	11.16	2.79	3.98	0.01
2016	Electoral turnout	1	1	1	5.25	5.25	7.67	0.02
2016	Electoral turnout	1	2	1	1.17	1.17	1.79	0.36
2016	Electoral turnout	1	3	1	0.34	0.34	0.49	0.49
2016	Electoral turnout	1	4	1	0.35	0.35	0.51	0.49
2016	Electoral turnout	2	2	1	0.11	0.11	0.16	0.69
2016	Electoral turnout	2	3	1	1.64	1.64	2.34	0.19
2016	Electoral turnout	2	4	1	1.67	1.67	2.40	0.19
2016	Gender	1	1	1	1.05	1.05	1.48	0.30
2016	Gender	1	2	1	5.12	5.12	7.47	0.01
2016	Gender	1	3	1	23.75	23.75	33.89	0.00
2016	Gender	1	4	1	0.27	0.27	0.38	0.54
2016	Gender	2	1	1	6.51	6.51	9.22	0.01
2016	Gender	2	2	1	0.20	0.20	0.30	0.59
2016	Gender	2	4	1	1.30	1.30	1.84	0.26
2016	Gender	3	2	1	0.31	0.31	0.45	0.50
2016	Gender	3	4	1	4.47	4.47	6.37	0.02
2016	Gender	4	2	1	3.22	3.22	4.72	0.03
2016	Ideology	1	1	2	1.13	0.57	0.83	0.44
2016	Ideology	1	2	2	55.93	27.96	46.36	0.00
2016	Ideology	1	3	2	6.68	3.34	5.02	0.01
2016	Ideology	1	4	2	18.08	9.04	13.69	0.00
2016	Ideology	2	1	2	12.59	6.30	9.22	0.00
2016	Ideology	2	3	2	26.84	13.42	20.53	0.00
2016	Ideology	2	4	2	56.56	28.28	43.46	0.00
2016	Ideology	3	1	2	45.99	22.99	34.32	0.00
2016	Ideology	3	3	2	72.01	36.01	57.00	0.00
2016	Ideology	4	1	2	116.97	58.49	85.74	0.00
2016	Income	1	1	2	9.95	4.97	7.10	0.00
2016	Income	1	2	2	0.62	0.31	0.45	0.64
2016	Income	1	3	2	27.81	13.91	19.67	0.00
2016	Income	1	4	2	16.65	8.32	11.90	0.00
2016	Income	2	1	2	4.22	2.11	3.01	0.07
2016	Income	2	2	2	5.57	2.79	4.03	0.04
2016	Income	2	4	2	7.31	3.66	5.22	0.02
2016	Income	3	1	2	8.06	4.03	5.74	0.01
2016	Income	3	2	2	1.22	0.61	0.88	0.41
2016	Income	4	2	2	0.19	0.10	0.14	0.87
2016	Party ID	1	1	2	1.20	0.60	0.84	0.43
2016	Party ID	1	2	2	54.56	27.28	40.31	0.00
2016	Party ID	1	3	2	5.01	2.51	3.55	0.04
2016	Party ID	1	4	2	37.96	18.98	27.41	0.00
2016	Party ID	2	1	2	3.78	1.89	2.76	0.07
2016	Party ID	2	3	2	3.61	1.81	2.61	0.07
2016	Party ID	2	4	2	86.08	43.04	63.34	0.00
2016	Party ID	3	1	2	36.47	18.23	27.47	0.00
2016	Party ID	3	3	2	41.34	20.67	30.71	0.00
2016	Party ID	4	1	2	93.70	46.85	71.81	0.00
2016	Pres. vote choice	1	1	1	0.99	0.99	1.58	0.21
2016	Pres. vote choice	1	2	1	65.67	65.67	111.24	0.00
2016	Pres. vote choice	1	3	1	3.57	3.57	5.27	0.03
2016	Pres. vote choice	1	4	1	46.37	46.37	72.43	0.00
2016	Pres. vote choice	2	1	1	3.74	3.74	6.11	0.02
2016	Pres. vote choice	2	3	1	3.85	3.85	5.77	0.02
2016	Pres. vote choice	2	4	1	110.50	110.50	173.68	0.00
2016	Pres. vote choice	3	1	1	39.10	39.10	66.59	0.00
2016	Pres. vote choice	3	3	1	50.31	50.31	78.59	0.00
2016	Pres. vote choice	4	1	1	102.75	102.75	172.86	0.00
2016	Race/ethnicity	1	1	3	0.43	0.14	0.20	0.90

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Supporting Information

Table B2: ANOVA results for Egalitarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Race/ethnicity	1	2	3	3.71	1.24	1.78	0.20
2016	Race/ethnicity	1	3	3	24.20	8.07	11.46	0.00
2016	Race/ethnicity	1	4	3	67.55	22.52	32.75	0.00
2016	Race/ethnicity	2	1	3	6.65	2.22	3.16	0.03
2016	Race/ethnicity	2	2	3	13.93	4.64	6.72	0.00
2016	Race/ethnicity	2	3	3	17.53	5.84	8.35	0.00
2016	Race/ethnicity	3	1	3	6.30	2.10	2.99	0.04
2016	Race/ethnicity	3	2	3	10.45	3.48	5.04	0.01
2016	Race/ethnicity	4	1	3	11.19	3.73	5.31	0.00
2016	Survey mode	1	1	1	30.76	30.76	43.99	0.00
2016	Survey mode	1	2	1	52.26	52.26	77.00	0.00
2016	Survey mode	1	3	1	7.21	7.21	10.22	0.00
2016	Survey mode	1	4	1	24.56	24.56	35.23	0.00
2016	Survey mode	2	1	1	11.84	11.84	16.83	0.00
2016	Survey mode	2	3	1	26.99	26.99	37.88	0.00
2016	Survey mode	2	4	1	6.84	6.84	9.73	0.00
2016	Survey mode	3	1	1	3.73	3.73	5.28	0.04
2016	Survey mode	3	4	1	0.90	0.90	1.27	0.26
2016	Survey mode	4	4	1	7.09	7.09	10.05	0.00

Table B3: ANOVA results for Limited Government scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	0.35	0.18	0.36	0.70
2012	Age	1	2	2	1.40	0.70	1.37	0.38
2012	Age	1	3	2	30.62	15.31	33.39	0.00
2012	Age	2	1	2	7.15	3.57	7.28	0.00
2012	Age	2	2	2	7.95	3.98	7.81	0.00
2012	Age	3	1	2	12.20	6.10	12.41	0.00
2012	Education	1	1	4	30.30	7.57	15.55	0.00
2012	Education	1	2	4	11.41	2.85	5.58	0.00
2012	Education	1	3	4	28.93	7.23	15.72	0.00
2012	Education	2	1	4	46.32	11.58	23.78	0.00
2012	Education	2	2	4	21.90	5.48	10.81	0.00
2012	Education	3	2	4	38.72	9.68	19.20	0.00
2012	Electoral turnout	1	1	1	7.60	7.60	15.47	0.00
2012	Electoral turnout	1	2	1	5.76	5.76	11.27	0.00
2012	Electoral turnout	1	3	1	29.73	29.73	64.71	0.00
2012	Electoral turnout	2	1	1	29.34	29.34	59.61	0.00
2012	Electoral turnout	2	2	1	0.00	0.00	0.00	0.97
2012	Electoral turnout	3	2	1	6.20	6.20	12.32	0.00
2012	Gender	1	1	1	4.01	4.01	8.14	0.00
2012	Gender	1	2	1	12.44	12.44	24.38	0.00
2012	Gender	1	3	1	18.18	18.18	39.41	0.00
2012	Gender	2	1	1	13.70	13.70	27.91	0.00
2012	Gender	2	2	1	25.56	25.56	50.21	0.00
2012	Gender	3	1	1	35.71	35.71	72.45	0.00
2012	Ideology	1	1	2	185.69	92.84	202.90	0.00
2012	Ideology	1	2	2	180.00	90.00	185.43	0.00
2012	Ideology	1	3	2	150.02	75.01	171.75	0.00
2012	Ideology	2	2	2	299.25	149.63	313.84	0.00
2012	Ideology	2	3	2	285.98	142.99	331.93	0.00
2012	Ideology	3	2	2	615.09	307.55	618.56	0.00
2012	Income	1	1	2	11.90	5.95	12.09	0.00
2012	Income	1	2	2	0.79	0.40	0.76	0.47
2012	Income	1	3	2	40.50	20.25	44.11	0.00
2012	Income	2	1	2	36.53	18.27	37.28	0.00
2012	Income	2	2	2	10.93	5.47	10.64	0.00
2012	Income	3	2	2	32.66	16.33	31.74	0.00
2012	Party ID	1	1	2	258.35	129.17	289.97	0.00
2012	Party ID	1	2	2	258.02	129.01	277.60	0.00
2012	Party ID	1	3	2	242.55	121.27	289.03	0.00
2012	Party ID	2	2	2	436.71	218.36	486.08	0.00
2012	Party ID	2	3	2	437.44	218.72	530.64	0.00
2012	Party ID	3	2	2	939.69	469.85	1006.61	0.00
2012	Pres. vote choice	1	1	1	239.59	239.59	605.68	0.00
2012	Pres. vote choice	1	2	1	248.91	248.91	620.90	0.00
2012	Pres. vote choice	1	3	1	226.10	226.10	587.27	0.00
2012	Pres. vote choice	2	1	1	410.07	410.07	1063.66	0.00
2012	Pres. vote choice	2	3	1	396.16	396.16	1044.59	0.00
2012	Pres. vote choice	3	3	1	919.54	919.54	2251.77	0.00
2012	Race/ethnicity	1	1	3	63.72	21.24	44.15	0.00
2012	Race/ethnicity	1	2	3	38.60	12.87	25.45	0.00
2012	Race/ethnicity	1	3	3	118.86	39.62	89.35	0.00
2012	Race/ethnicity	2	1	3	155.54	51.85	108.70	0.00
2012	Race/ethnicity	2	2	3	95.88	31.96	64.42	0.00
2012	Race/ethnicity	3	2	3	242.64	80.88	161.95	0.00
2012	Survey mode	1	1	1	23.68	23.68	48.48	0.00
2012	Survey mode	1	2	1	6.54	6.54	12.79	0.00
2012	Survey mode	1	3	1	5.21	5.21	11.23	0.00
2012	Survey mode	2	2	1	18.27	18.27	35.75	0.00
2012	Survey mode	2	3	1	17.67	17.67	38.18	0.00
2012	Survey mode	3	2	1	34.85	34.85	67.99	0.00
2016	Age	1	1	2	4.29	2.15	4.01	0.03
2016	Age	1	2	2	2.57	1.29	2.46	0.09
2016	Age	1	3	2	21.39	10.69	22.19	0.00
2016	Age	2	1	2	10.81	5.40	10.11	0.00
2016	Age	2	2	2	9.66	4.83	9.28	0.00
2016	Age	3	2	2	17.91	8.95	17.18	0.00
2016	Education	1	1	4	12.88	3.22	6.06	0.00

Limited Government ANOVA results continued on next page

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Table B3: ANOVA results for Limited Government scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Education	1	2	4	4.66	1.16	2.23	0.06
2016	Education	1	3	4	17.99	4.50	9.35	0.00
2016	Education	2	1	4	18.54	4.63	8.73	0.00
2016	Education	2	2	4	9.93	2.48	4.78	0.00
2016	Education	3	2	4	13.45	3.36	6.48	0.00
2016	Electoral turnout	1	1	1	0.09	0.09	0.18	0.67
2016	Electoral turnout	1	2	1	0.92	0.92	1.85	0.26
2016	Electoral turnout	1	3	1	1.49	1.49	3.19	0.22
2016	Gender	1	1	1	11.54	11.54	21.79	0.00
2016	Gender	1	2	1	1.28	1.28	2.47	0.12
2016	Gender	1	3	1	8.65	8.65	17.91	0.00
2016	Gender	2	2	1	5.26	5.26	10.16	0.00
2016	Gender	2	3	1	18.36	18.36	38.02	0.00
2016	Gender	3	2	1	18.76	18.76	36.20	0.00
2016	Ideology	1	1	2	116.47	58.24	129.27	0.00
2016	Ideology	1	2	2	45.30	22.65	47.34	0.00
2016	Ideology	1	3	2	108.43	54.22	131.68	0.00
2016	Ideology	2	1	2	211.72	105.86	236.47	0.00
2016	Ideology	2	2	2	103.78	51.89	110.52	0.00
2016	Ideology	3	2	2	270.27	135.13	274.90	0.00
2016	Income	1	1	2	6.54	3.27	6.10	0.00
2016	Income	1	2	2	1.54	0.77	1.47	0.23
2016	Income	1	3	2	16.18	8.09	16.76	0.00
2016	Income	2	1	2	12.70	6.35	11.85	0.00
2016	Income	2	2	2	7.09	3.55	6.84	0.00
2016	Income	3	2	2	13.86	6.93	13.40	0.00
2016	Party ID	1	1	2	109.32	54.66	108.68	0.00
2016	Party ID	1	2	2	48.92	24.46	48.06	0.00
2016	Party ID	1	3	2	164.45	82.22	187.19	0.00
2016	Party ID	2	1	2	237.98	118.99	238.00	0.00
2016	Party ID	2	2	2	133.76	66.88	136.73	0.00
2016	Party ID	3	2	2	328.05	164.02	329.18	0.00
2016	Pres. vote choice	1	1	1	153.29	153.29	356.42	0.00
2016	Pres. vote choice	1	2	1	41.81	41.81	92.28	0.00
2016	Pres. vote choice	1	3	1	126.92	126.92	325.80	0.00
2016	Pres. vote choice	2	2	1	103.88	103.88	241.09	0.00
2016	Pres. vote choice	2	3	1	246.15	246.15	643.05	0.00
2016	Pres. vote choice	3	2	1	302.10	302.10	679.43	0.00
2016	Race/ethnicity	1	1	3	21.16	7.05	13.35	0.00
2016	Race/ethnicity	1	2	3	10.06	3.35	6.46	0.00
2016	Race/ethnicity	1	3	3	61.80	20.60	44.01	0.00
2016	Race/ethnicity	2	1	3	62.18	20.73	39.26	0.00
2016	Race/ethnicity	2	2	3	24.69	8.23	16.13	0.00
2016	Race/ethnicity	3	2	3	61.60	20.53	40.15	0.00
2016	Survey mode	1	1	1	12.18	12.18	22.98	0.00
2016	Survey mode	1	2	1	0.60	0.60	1.15	0.28
2016	Survey mode	1	3	1	1.27	1.27	2.63	0.16
2016	Survey mode	2	2	1	0.43	0.43	0.83	0.36
2016	Survey mode	2	3	1	7.71	7.71	15.94	0.00
2016	Survey mode	3	2	1	3.42	3.42	6.56	0.01

Table B4: ANOVA results for Moral Traditionalism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	6.80	3.40	4.29	0.01
2012	Age	1	2	2	14.60	7.30	11.17	0.00
2012	Age	1	3	2	20.55	10.28	13.09	0.00
2012	Age	1	4	2	62.56	31.28	47.57	0.00
2012	Age	2	1	2	24.06	12.03	15.28	0.00
2012	Age	2	2	2	40.39	20.20	31.24	0.00
2012	Age	2	3	2	3.68	1.84	2.36	0.09
2012	Age	3	1	2	47.58	23.79	30.27	0.00
2012	Age	3	3	2	0.99	0.49	0.64	0.53
2012	Age	4	3	2	24.28	12.14	15.73	0.00
2012	Age	5	3	2	32.98	16.49	21.40	0.00
2012	Education	1	1	4	105.70	26.43	33.93	0.00
2012	Education	1	2	4	70.46	17.62	27.23	0.00
2012	Education	1	3	4	7.17	1.79	2.29	0.06
2012	Education	1	4	4	41.92	10.48	15.86	0.00
2012	Education	2	2	4	30.07	7.52	11.43	0.00
2012	Education	2	3	4	26.86	6.72	8.50	0.00
2012	Education	2	4	4	13.76	3.44	5.14	0.00
2012	Education	3	3	4	8.28	2.07	2.63	0.05
2012	Education	3	4	4	39.62	9.90	14.90	0.00
2012	Education	4	3	4	5.77	1.44	1.83	0.20
2012	Electoral turnout	1	1	1	24.97	24.97	31.49	0.00
2012	Electoral turnout	1	2	1	6.40	6.40	9.75	0.00
2012	Electoral turnout	1	3	1	0.09	0.09	0.12	0.76
2012	Electoral turnout	1	4	1	0.06	0.06	0.10	0.76
2012	Electoral turnout	2	2	1	0.43	0.43	0.65	0.42
2012	Electoral turnout	2	3	1	2.71	2.71	3.44	0.10
2012	Electoral turnout	2	4	1	4.04	4.04	6.05	0.04
2012	Electoral turnout	3	2	1	0.08	0.08	0.13	0.72
2012	Electoral turnout	3	3	1	4.79	4.79	6.11	0.03
2012	Electoral turnout	4	2	1	0.97	0.97	1.49	0.22
2012	Gender	1	1	1	23.74	23.74	29.97	0.00
2012	Gender	1	2	1	2.19	2.19	3.33	0.09
2012	Gender	1	3	1	24.34	24.34	31.09	0.00
2012	Gender	1	4	1	0.71	0.71	1.07	0.30
2012	Gender	2	1	1	12.66	12.66	15.97	0.00

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Table B4: ANOVA results for Moral Traditionalism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Gender	2	2	1	0.08	0.08	0.12	0.73
2012	Gender	2	4	1	3.94	3.94	5.89	0.02
2012	Gender	3	2	1	3.43	3.43	5.21	0.05
2012	Gender	3	4	1	0.26	0.26	0.39	0.53
2012	Gender	4	4	1	0.30	0.30	0.46	0.50
2012	Ideology	1	1	2	6.88	3.44	4.32	0.01
2012	Ideology	1	2	2	41.44	20.72	32.01	0.00
2012	Ideology	1	3	2	14.85	7.42	9.46	0.00
2012	Ideology	1	4	2	45.51	22.75	34.15	0.00
2012	Ideology	2	1	2	26.49	13.24	16.96	0.00
2012	Ideology	2	2	2	83.35	41.68	65.54	0.00
2012	Ideology	2	3	2	21.78	10.89	14.14	0.00
2012	Ideology	3	1	2	88.03	44.01	57.66	0.00
2012	Ideology	3	3	2	76.19	38.09	50.41	0.00
2012	Ideology	4	3	2	236.73	118.36	159.20	0.00
2012	Income	1	1	2	30.18	15.09	19.04	0.00
2012	Income	1	2	2	27.63	13.82	21.34	0.00
2012	Income	1	3	2	5.75	2.87	3.69	0.03
2012	Income	1	4	2	5.72	2.86	4.31	0.02
2012	Income	2	1	2	15.82	7.91	9.95	0.00
2012	Income	2	3	2	0.72	0.36	0.46	0.63
2012	Income	2	4	2	16.56	8.28	12.40	0.00
2012	Income	3	1	2	7.15	3.57	4.46	0.05
2012	Income	3	3	2	0.41	0.20	0.26	0.98
2012	Income	4	3	2	1.17	0.59	0.74	0.71
2012	Party ID	1	1	2	27.28	13.64	17.24	0.00
2012	Party ID	1	2	2	10.36	5.18	7.89	0.00
2012	Party ID	1	3	2	13.52	6.76	8.60	0.00
2012	Party ID	1	4	2	28.75	14.37	21.67	0.00
2012	Party ID	2	1	2	58.11	29.06	37.46	0.00
2012	Party ID	2	2	2	31.56	15.78	24.45	0.00
2012	Party ID	2	3	2	21.82	10.91	14.11	0.00
2012	Party ID	3	2	2	105.54	52.77	84.15	0.00
2012	Party ID	3	3	2	78.21	39.10	52.00	0.00
2012	Party ID	4	3	2	236.82	118.41	160.69	0.00
2012	Pres. vote choice	1	1	1	13.89	13.89	17.58	0.00
2012	Pres. vote choice	1	2	1	30.88	30.88	48.07	0.00
2012	Pres. vote choice	1	3	1	0.26	0.26	0.34	0.56
2012	Pres. vote choice	1	4	1	35.13	35.13	54.74	0.00
2012	Pres. vote choice	2	1	1	47.11	47.11	61.99	0.00
2012	Pres. vote choice	2	2	1	71.58	71.58	115.44	0.00
2012	Pres. vote choice	2	3	1	10.44	10.44	13.94	0.00
2012	Pres. vote choice	3	1	1	139.97	139.97	188.98	0.00
2012	Pres. vote choice	3	3	1	58.48	58.48	79.90	0.00
2012	Pres. vote choice	4	3	1	295.44	295.44	423.24	0.00
2012	Race/ethnicity	1	1	3	124.19	41.40	53.55	0.00
2012	Race/ethnicity	1	2	3	41.59	13.86	21.26	0.00
2012	Race/ethnicity	1	3	3	2.16	0.72	0.91	0.43
2012	Race/ethnicity	1	4	3	3.50	1.17	1.75	0.21
2012	Race/ethnicity	2	2	3	8.89	2.96	4.53	0.01
2012	Race/ethnicity	2	3	3	25.01	8.34	10.57	0.00
2012	Race/ethnicity	2	4	3	7.79	2.60	3.87	0.01
2012	Race/ethnicity	3	2	3	4.12	1.37	2.10	0.13
2012	Race/ethnicity	3	4	3	20.83	6.94	10.29	0.00
2012	Race/ethnicity	4	2	3	5.98	1.99	3.04	0.11
2012	Survey mode	1	1	1	45.75	45.75	58.06	0.00
2012	Survey mode	1	2	1	5.98	5.98	9.10	0.00
2012	Survey mode	1	3	1	45.53	45.53	58.45	0.00
2012	Survey mode	1	4	1	81.22	81.22	124.42	0.00
2012	Survey mode	2	1	1	15.74	15.74	19.77	0.00
2012	Survey mode	2	2	1	27.26	27.26	41.16	0.00
2012	Survey mode	2	3	1	18.46	18.46	23.49	0.00
2012	Survey mode	3	1	1	4.28	4.28	5.33	0.02
2012	Survey mode	3	3	1	6.57	6.57	8.30	0.01
2012	Survey mode	4	1	1	18.06	18.06	22.59	0.00
2016	Age	1	1	2	3.69	1.84	2.07	0.13
2016	Age	1	2	2	10.36	5.18	8.04	0.00
2016	Age	1	3	2	15.81	7.91	10.05	0.00
2016	Age	1	4	2	71.79	35.89	55.29	0.00
2016	Age	2	1	2	9.38	4.69	5.30	0.01
2016	Age	2	2	2	37.18	18.59	29.18	0.00
2016	Age	2	3	2	2.14	1.07	1.38	0.25
2016	Age	3	1	2	29.69	14.85	16.88	0.00
2016	Age	3	3	2	3.60	1.80	2.34	0.10
2016	Age	4	3	2	21.40	10.70	13.96	0.00
2016	Education	1	1	4	82.05	20.51	23.87	0.00
2016	Education	1	2	4	51.20	12.80	20.48	0.00
2016	Education	1	3	4	25.57	6.39	8.22	0.00
2016	Education	1	4	4	13.54	3.39	5.12	0.00
2016	Education	2	2	4	24.33	6.08	9.57	0.00
2016	Education	2	3	4	20.73	5.18	6.58	0.00
2016	Education	2	4	4	4.30	1.07	1.60	0.23
2016	Education	3	3	4	20.87	5.22	6.70	0.00
2016	Education	3	4	4	20.80	5.20	7.79	0.00
2016	Education	4	3	4	37.38	9.35	12.03	0.00
2016	Electoral turnout	1	1	1	9.85	9.85	11.35	0.00
2016	Electoral turnout	1	2	1	2.14	2.14	3.30	0.09
2016	Electoral turnout	1	3	1	3.74	3.74	4.89	0.05
2016	Electoral turnout	1	4	1	0.72	0.72	1.10	0.29
2016	Electoral turnout	2	2	1	0.23	0.23	0.35	0.55
2016	Electoral turnout	2	3	1	0.71	0.71	0.92	0.51
2016	Electoral turnout	2	4	1	2.93	2.93	4.46	0.10
2016	Gender	1	1	1	14.90	14.90	17.00	0.00
2016	Gender	1	2	1	1.28	1.28	2.01	0.16

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Supporting Information

Table B4: ANOVA results for Moral Traditionalism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Gender	1	3	1	5.87	5.87	7.53	0.01
2016	Gender	1	4	1	11.92	11.92	18.09	0.00
2016	Gender	2	1	1	7.06	7.06	8.08	0.01
2016	Gender	2	2	1	0.00	0.00	0.00	0.95
2016	Gender	2	3	1	11.65	11.65	14.92	0.00
2016	Gender	3	1	1	2.52	2.52	2.88	0.18
2016	Gender	3	2	1	1.10	1.10	1.72	0.19
2016	Ideology	1	1	2	19.39	9.70	11.52	0.00
2016	Ideology	1	2	2	69.47	34.74	57.99	0.00
2016	Ideology	1	3	2	1.55	0.77	1.06	0.35
2016	Ideology	1	4	2	43.74	21.87	34.90	0.00
2016	Ideology	2	1	2	17.01	8.50	10.57	0.00
2016	Ideology	2	3	2	13.09	6.55	9.42	0.00
2016	Ideology	2	4	2	102.21	51.10	83.97	0.00
2016	Ideology	3	1	2	80.96	40.48	51.64	0.00
2016	Ideology	3	3	2	60.07	30.04	44.41	0.00
2016	Ideology	4	3	2	169.85	84.92	127.81	0.00
2016	Income	1	1	2	26.49	13.25	15.04	0.00
2016	Income	1	2	2	16.26	8.13	12.71	0.00
2016	Income	1	3	2	3.91	1.96	2.47	0.11
2016	Income	1	4	2	2.62	1.31	1.97	0.14
2016	Income	2	2	2	6.34	3.17	4.93	0.03
2016	Income	2	3	2	1.68	0.84	1.06	0.46
2016	Income	2	4	2	4.85	2.43	3.62	0.05
2016	Income	3	3	2	2.84	1.42	1.80	0.33
2016	Income	3	4	2	2.85	1.42	2.13	0.33
2016	Party ID	1	1	2	4.72	2.36	2.69	0.09
2016	Party ID	1	2	2	22.85	11.42	18.06	0.00
2016	Party ID	1	3	2	1.67	0.84	1.07	0.34
2016	Party ID	1	4	2	45.68	22.84	35.01	0.00
2016	Party ID	2	1	2	26.00	13.00	15.18	0.00
2016	Party ID	2	2	2	52.36	26.18	42.48	0.00
2016	Party ID	2	3	2	4.61	2.30	3.02	0.07
2016	Party ID	3	1	2	80.48	40.24	48.04	0.00
2016	Party ID	3	3	2	31.32	15.66	21.05	0.00
2016	Party ID	4	3	2	140.91	70.45	97.13	0.00
2016	Pres. vote choice	1	1	1	0.00	0.00	0.00	0.97
2016	Pres. vote choice	1	2	1	33.64	33.64	53.85	0.00
2016	Pres. vote choice	1	3	1	1.21	1.21	1.64	0.27
2016	Pres. vote choice	1	4	1	50.30	50.30	82.07	0.00
2016	Pres. vote choice	2	1	1	10.56	10.56	13.07	0.00
2016	Pres. vote choice	2	2	1	78.83	78.83	131.47	0.00
2016	Pres. vote choice	2	3	1	14.69	14.69	20.69	0.00
2016	Pres. vote choice	3	1	1	65.46	65.46	83.56	0.00
2016	Pres. vote choice	3	3	1	63.99	63.99	91.66	0.00
2016	Pres. vote choice	4	1	1	195.30	195.30	259.95	0.00
2016	Race/ethnicity	1	1	3	32.50	10.83	12.40	0.00
2016	Race/ethnicity	1	2	3	5.67	1.89	2.95	0.03
2016	Race/ethnicity	1	3	3	23.24	7.75	9.94	0.00
2016	Race/ethnicity	1	4	3	20.43	6.81	10.32	0.00
2016	Race/ethnicity	2	2	3	0.67	0.22	0.35	0.79
2016	Race/ethnicity	2	3	3	14.71	4.90	6.32	0.00
2016	Race/ethnicity	2	4	3	34.09	11.36	17.16	0.00
2016	Race/ethnicity	3	2	3	1.34	0.45	0.69	0.56
2016	Race/ethnicity	3	3	3	7.97	2.66	3.42	0.07
2016	Survey mode	1	1	1	16.09	16.09	18.37	0.00
2016	Survey mode	1	2	1	10.17	10.17	15.94	0.00
2016	Survey mode	1	3	1	44.29	44.29	57.29	0.00
2016	Survey mode	1	4	1	40.99	40.99	62.77	0.00
2016	Survey mode	2	1	1	4.51	4.51	5.11	0.02
2016	Survey mode	2	2	1	25.05	25.05	39.07	0.00
2016	Survey mode	2	3	1	25.25	25.25	32.53	0.00
2016	Survey mode	3	1	1	0.07	0.07	0.07	0.79
2016	Survey mode	3	3	1	11.35	11.35	14.54	0.00
2016	Survey mode	4	1	1	5.46	5.46	6.18	0.01

Table B5: ANOVA results for Negative Black Stereotypes scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	2.19	1.09	2.01	0.13
2012	Age	1	2	2	4.10	2.05	3.44	0.06
2012	Education	1	1	4	1.68	0.42	0.77	0.65
2012	Education	1	2	4	1.49	0.37	0.62	0.65
2012	Electoral turnout	1	1	1	3.02	3.02	5.52	0.02
2012	Electoral turnout	1	2	1	4.99	4.99	8.35	0.01
2012	Electoral turnout	2	1	1	1.37	1.37	2.50	0.11
2012	Gender	1	1	1	0.35	0.35	0.63	0.84
2012	Gender	1	2	1	0.02	0.02	0.04	0.84
2012	Ideology	1	1	2	19.55	9.77	18.38	0.00
2012	Ideology	1	2	2	19.29	9.64	16.52	0.00
2012	Ideology	2	2	2	2.25	1.12	1.94	0.14
2012	Income	1	1	2	0.60	0.30	0.57	0.71
2012	Income	1	2	2	0.39	0.19	0.34	0.71
2012	Party ID	1	1	2	19.53	9.77	18.05	0.00
2012	Party ID	1	2	2	19.30	9.65	16.27	0.00
2012	Party ID	2	2	2	2.73	1.37	2.31	0.20
2012	Pres. vote choice	1	1	1	15.01	15.01	30.74	0.00
2012	Pres. vote choice	1	2	1	15.57	15.57	29.22	0.00
2012	Pres. vote choice	2	2	1	3.94	3.94	7.09	0.01
2012	Survey mode	1	1	1	0.56	0.56	1.02	0.31

Negative Black Stereotypes ANOVA results continued on next page

Supporting Information

Table B5: ANOVA results for Negative Black Stereotypes scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Survey mode	1	2	1	0.69	0.69	1.15	0.31
2016	Age	1	1	2	5.88	2.94	6.28	0.00
2016	Age	1	2	2	9.10	4.55	9.51	0.00
2016	Age	2	1	2	2.28	1.14	2.44	0.18
2016	Education	1	1	4	1.09	0.27	0.58	0.67
2016	Education	1	2	4	3.29	0.82	1.72	0.28
2016	Electoral turnout	1	1	1	1.74	1.74	3.81	0.05
2016	Electoral turnout	1	2	1	4.82	4.82	10.38	0.00
2016	Electoral turnout	2	1	1	1.14	1.14	2.56	0.11
2016	Gender	1	1	1	2.32	2.32	4.98	0.05
2016	Gender	1	2	1	0.87	0.87	1.82	0.18
2016	Ideology	1	1	2	7.07	3.54	8.41	0.00
2016	Ideology	1	2	2	2.68	1.34	3.07	0.05
2016	Ideology	2	2	2	5.97	2.98	6.74	0.00
2016	Income	1	1	2	2.59	1.30	2.76	0.06
2016	Income	1	2	2	2.68	1.34	2.79	0.06
2016	Party ID	1	1	2	1.87	0.94	2.01	0.27
2016	Party ID	1	2	2	0.43	0.22	0.45	0.64
2016	Pres. vote choice	1	1	1	1.02	1.02	2.26	0.27
2016	Pres. vote choice	1	2	1	0.13	0.13	0.28	0.60
2016	Survey mode	1	1	1	0.18	0.18	0.39	0.79
2016	Survey mode	1	2	1	0.03	0.03	0.07	0.79

Table B6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	8.91	4.46	6.03	0.00
2012	Age	1	2	2	1.66	0.83	3.39	0.04
2012	Age	1	3	2	3.14	1.57	3.89	0.03
2012	Age	1	4	2	0.37	0.18	0.93	0.39
2012	Age	1	5	2	21.28	10.64	43.69	0.00
2012	Age	1	6	2	9.92	4.96	27.39	0.00
2012	Age	1	7	2	5.08	2.54	7.30	0.00
2012	Age	2	1	2	21.82	10.91	14.87	0.00
2012	Age	2	2	2	1.15	0.58	2.35	0.14
2012	Age	2	3	2	0.38	0.19	0.48	0.62
2012	Age	2	4	2	0.46	0.23	1.16	0.38
2012	Age	2	6	2	16.64	8.32	44.65	0.00
2012	Age	2	7	2	4.05	2.02	5.86	0.01
2012	Age	3	1	2	35.69	17.85	24.31	0.00
2012	Age	3	2	2	2.13	1.07	4.31	0.02
2012	Age	3	3	2	1.33	0.67	1.67	0.19
2012	Age	3	4	2	1.37	0.68	3.41	0.04
2012	Age	3	7	2	4.01	2.01	5.82	0.01
2012	Age	4	2	2	5.36	2.68	10.68	0.00
2012	Age	4	3	2	11.07	5.53	13.78	0.00
2012	Age	4	4	2	3.61	1.80	8.78	0.00
2012	Age	4	7	2	6.26	3.13	8.99	0.00
2012	Age	5	2	2	7.78	3.89	15.33	0.00
2012	Age	5	4	2	4.97	2.48	11.92	0.00
2012	Age	5	7	2	6.31	3.15	9.13	0.00
2012	Age	6	4	2	6.97	3.49	16.44	0.00
2012	Age	6	7	2	6.79	3.40	9.84	0.00
2012	Age	7	7	2	7.84	3.92	11.34	0.00
2012	Education	1	1	4	5.06	1.27	1.71	0.20
2012	Education	1	2	4	2.03	0.51	2.11	0.13
2012	Education	1	3	4	16.81	4.20	10.45	0.00
2012	Education	1	4	4	0.85	0.21	1.08	0.36
2012	Education	1	5	4	30.89	7.72	32.37	0.00
2012	Education	1	6	4	4.94	1.23	6.83	0.00
2012	Education	1	7	4	2.15	0.54	1.57	0.21
2012	Education	2	1	4	13.90	3.48	4.72	0.00
2012	Education	2	2	4	5.62	1.41	5.78	0.00
2012	Education	2	3	4	7.32	1.83	4.61	0.00
2012	Education	2	4	4	1.15	0.29	1.47	0.24
2012	Education	2	6	4	11.05	2.76	14.97	0.00
2012	Education	2	7	4	2.93	0.73	2.11	0.11
2012	Education	3	1	4	20.91	5.23	7.12	0.00
2012	Education	3	2	4	9.33	2.33	9.47	0.00
2012	Education	3	3	4	4.18	1.04	2.65	0.06
2012	Education	3	4	4	1.83	0.46	2.33	0.09
2012	Education	3	7	4	4.28	1.07	3.06	0.04
2012	Education	4	1	4	27.14	6.78	9.23	0.00
2012	Education	4	3	4	2.79	0.70	1.77	0.30
2012	Education	4	4	4	2.68	0.67	3.39	0.03
2012	Education	4	7	4	5.91	1.48	4.19	0.01
2012	Education	5	3	4	4.33	1.08	2.74	0.09
2012	Education	5	4	4	5.65	1.41	7.06	0.00
2012	Education	5	7	4	10.61	2.65	7.28	0.00
2012	Education	6	3	4	6.07	1.52	3.84	0.02
2012	Education	6	4	4	6.95	1.74	8.60	0.00
2012	Education	7	3	4	9.98	2.50	6.29	0.00
2012	Electoral turnout	1	1	1	63.90	63.90	87.62	0.00
2012	Electoral turnout	1	2	1	0.08	0.08	0.34	0.78
2012	Electoral turnout	1	3	1	0.16	0.16	0.39	0.78
2012	Electoral turnout	1	4	1	0.01	0.01	0.04	0.84
2012	Electoral turnout	1	5	1	7.45	7.45	30.38	0.00
2012	Electoral turnout	1	6	1	0.93	0.93	5.09	0.06
2012	Electoral turnout	1	7	1	0.05	0.05	0.15	0.82
2012	Electoral turnout	2	2	1	4.23	4.23	17.38	0.00
2012	Electoral turnout	2	3	1	18.62	18.62	45.64	0.00

Non-Voting Participation ANOVA results continued on next page

Supporting Information

Table B6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Electoral turnout	2	4	1	1.85	1.85	9.36	0.00
2012	Electoral turnout	2	5	1	31.94	31.94	129.51	0.00
2012	Electoral turnout	2	6	1	9.67	9.67	52.66	0.00
2012	Electoral turnout	2	7	1	1.75	1.75	5.02	0.03
2012	Electoral turnout	3	2	1	9.05	9.05	36.58	0.00
2012	Electoral turnout	3	3	1	37.75	37.75	92.12	0.00
2012	Electoral turnout	3	4	1	4.23	4.23	21.06	0.00
2012	Electoral turnout	3	6	1	17.70	17.70	94.90	0.00
2012	Electoral turnout	3	7	1	4.79	4.79	13.60	0.00
2012	Electoral turnout	4	2	1	13.82	13.82	55.15	0.00
2012	Electoral turnout	4	3	1	55.25	55.25	134.44	0.00
2012	Electoral turnout	4	4	1	6.71	6.71	32.91	0.00
2012	Electoral turnout	4	7	1	8.04	8.04	22.65	0.00
2012	Electoral turnout	5	2	1	27.12	27.12	104.39	0.00
2012	Electoral turnout	5	4	1	13.52	13.52	64.05	0.00
2012	Electoral turnout	5	7	1	17.20	17.20	46.96	0.00
2012	Electoral turnout	6	4	1	19.53	19.53	90.30	0.00
2012	Electoral turnout	6	7	1	25.22	25.22	67.68	0.00
2012	Electoral turnout	7	7	1	34.32	34.32	90.45	0.00
2012	Gender	1	1	1	3.89	3.89	5.26	0.08
2012	Gender	1	2	1	0.82	0.82	3.35	0.16
2012	Gender	1	3	1	0.96	0.96	2.37	0.22
2012	Gender	1	4	1	0.01	0.01	0.07	0.87
2012	Gender	1	5	1	0.37	0.37	1.52	0.30
2012	Gender	1	6	1	0.00	0.00	0.03	0.87
2012	Gender	1	7	1	7.73	7.73	22.47	0.00
2012	Gender	2	1	1	5.59	5.59	7.55	0.04
2012	Gender	2	2	1	0.34	0.34	1.41	0.45
2012	Gender	2	3	1	0.32	0.32	0.79	0.45
2012	Gender	2	4	1	0.02	0.02	0.10	0.75
2012	Gender	2	5	1	0.90	0.90	3.67	0.17
2012	Gender	2	6	1	0.16	0.16	0.86	0.45
2012	Gender	3	2	1	0.04	0.04	0.16	0.69
2012	Gender	3	3	1	0.07	0.07	0.17	0.69
2012	Gender	3	4	1	0.18	0.18	0.90	0.57
2012	Gender	3	5	1	2.46	2.46	9.98	0.01
2012	Gender	3	6	1	0.72	0.72	3.92	0.12
2012	Gender	4	2	1	0.00	0.00	0.01	0.93
2012	Gender	4	3	1	0.46	0.46	1.13	0.38
2012	Gender	4	4	1	0.35	0.35	1.82	0.35
2012	Gender	4	6	1	1.22	1.22	6.70	0.04
2012	Gender	5	2	1	0.06	0.06	0.23	0.63
2012	Gender	5	3	1	0.98	0.98	2.43	0.18
2012	Gender	5	4	1	0.55	0.55	2.83	0.18
2012	Ideology	1	1	2	40.23	20.12	26.53	0.00
2012	Ideology	1	2	2	0.62	0.31	1.19	0.31
2012	Ideology	1	3	2	4.12	2.06	4.83	0.01
2012	Ideology	1	4	2	0.74	0.37	1.79	0.19
2012	Ideology	1	5	2	8.82	4.41	17.25	0.00
2012	Ideology	1	6	2	3.13	1.57	8.11	0.00
2012	Ideology	1	7	2	1.51	0.76	2.14	0.17
2012	Ideology	2	2	2	0.11	0.05	0.21	0.81
2012	Ideology	2	3	2	0.56	0.28	0.66	0.73
2012	Ideology	2	4	2	0.20	0.10	0.47	0.73
2012	Ideology	2	5	2	8.50	4.25	16.79	0.00
2012	Ideology	2	6	2	5.21	2.61	13.40	0.00
2012	Ideology	2	7	2	4.55	2.27	6.34	0.00
2012	Ideology	3	2	2	0.50	0.25	0.96	0.38
2012	Ideology	3	3	2	1.03	0.51	1.20	0.35
2012	Ideology	3	4	2	0.59	0.29	1.38	0.35
2012	Ideology	3	6	2	7.83	3.91	19.86	0.00
2012	Ideology	3	7	2	5.63	2.82	7.80	0.00
2012	Ideology	4	2	2	1.46	0.73	2.75	0.09
2012	Ideology	4	3	2	2.90	1.45	3.40	0.08
2012	Ideology	4	4	2	1.33	0.67	3.09	0.08
2012	Ideology	4	7	2	7.20	3.60	9.84	0.00
2012	Ideology	5	2	2	2.65	1.33	5.00	0.01
2012	Ideology	5	3	2	6.04	3.02	7.07	0.00
2012	Ideology	5	4	2	2.27	1.13	5.26	0.01
2012	Ideology	5	7	2	8.00	4.00	10.98	0.00
2012	Ideology	6	2	2	3.43	1.71	6.43	0.00
2012	Ideology	6	3	2	7.96	3.98	9.29	0.00
2012	Ideology	6	4	2	2.59	1.30	5.99	0.01
2012	Ideology	7	2	2	4.89	2.45	9.07	0.00
2012	Ideology	7	4	2	3.50	1.75	7.99	0.00
2012	Ideology	8	4	2	4.89	2.45	10.93	0.00
2012	Income	1	1	2	9.09	4.55	6.20	0.00
2012	Income	1	2	2	2.71	1.36	5.69	0.00
2012	Income	1	3	2	16.91	8.46	20.65	0.00
2012	Income	1	4	2	2.54	1.27	6.41	0.00
2012	Income	1	5	2	18.24	9.12	37.14	0.00
2012	Income	1	6	2	4.61	2.31	12.53	0.00
2012	Income	1	7	2	4.13	2.07	5.75	0.00
2012	Income	2	1	2	18.25	9.13	12.46	0.00
2012	Income	2	2	2	2.80	1.40	5.84	0.00
2012	Income	2	3	2	8.08	4.04	9.96	0.00
2012	Income	2	4	2	1.10	0.55	2.85	0.07
2012	Income	2	6	2	8.99	4.50	23.98	0.00
2012	Income	2	7	2	7.11	3.55	9.58	0.00
2012	Income	3	1	2	25.98	12.99	17.66	0.00
2012	Income	3	2	2	3.67	1.84	7.61	0.00
2012	Income	3	3	2	4.26	2.13	5.28	0.01
2012	Income	3	4	2	0.45	0.23	1.19	0.35
2012	Income	3	7	2	9.96	4.98	13.18	0.00
2012	Income	4	2	2	4.93	2.46	10.03	0.00

Non-Voting Participation ANOVA results continued on next page

Supporting Information

Table B6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Income	4	3	2	0.04	0.02	0.04	0.97
2012	Income	4	4	2	0.01	0.01	0.03	0.97
2012	Income	4	7	2	15.97	7.99	19.90	0.00
2012	Income	5	2	2	6.25	3.13	12.59	0.00
2012	Income	5	3	2	0.25	0.13	0.31	0.73
2012	Income	5	4	2	0.13	0.06	0.33	0.73
2012	Income	6	3	2	0.94	0.47	1.16	0.39
2012	Income	6	4	2	0.35	0.17	0.90	0.41
2012	Income	7	3	2	1.27	0.64	1.57	0.28
2012	Income	7	4	2	0.43	0.21	1.11	0.33
2012	Income	8	3	2	1.83	0.91	2.25	0.23
2012	Income	8	4	2	0.57	0.29	1.49	0.23
2012	Party ID	1	1	2	72.86	36.43	50.01	0.00
2012	Party ID	1	2	2	1.25	0.63	2.57	0.08
2012	Party ID	1	3	2	10.40	5.20	12.86	0.00
2012	Party ID	1	4	2	2.20	1.10	5.71	0.00
2012	Party ID	1	5	2	2.99	1.49	6.08	0.00
2012	Party ID	1	6	2	1.30	0.65	3.55	0.03
2012	Party ID	1	7	2	4.45	2.23	6.44	0.00
2012	Party ID	2	2	2	0.82	0.41	1.71	0.22
2012	Party ID	2	3	2	14.63	7.32	18.01	0.00
2012	Party ID	2	4	2	0.09	0.05	0.24	0.79
2012	Party ID	2	5	2	8.80	4.40	18.06	0.00
2012	Party ID	2	6	2	5.48	2.74	14.94	0.00
2012	Party ID	2	7	2	7.86	3.93	11.46	0.00
2012	Party ID	3	2	2	1.28	0.64	2.69	0.10
2012	Party ID	3	3	2	21.74	10.87	26.69	0.00
2012	Party ID	3	4	2	0.02	0.01	0.04	0.96
2012	Party ID	3	6	2	8.14	4.07	22.05	0.00
2012	Party ID	3	7	2	8.26	4.13	12.06	0.00
2012	Party ID	4	2	2	3.69	1.84	7.79	0.00
2012	Party ID	4	4	2	0.66	0.33	1.74	0.26
2012	Party ID	4	6	2	15.01	7.50	40.23	0.00
2012	Party ID	4	7	2	10.13	5.07	14.78	0.00
2012	Party ID	5	2	2	7.38	3.69	15.51	0.00
2012	Party ID	5	4	2	2.19	1.09	5.75	0.01
2012	Party ID	5	7	2	13.12	6.56	19.02	0.00
2012	Party ID	6	2	2	9.10	4.55	19.03	0.00
2012	Party ID	6	4	2	2.67	1.33	6.98	0.00
2012	Party ID	7	4	2	3.86	1.93	10.07	0.00
2012	Pres. vote choice	1	1	1	47.66	47.66	59.84	0.00
2012	Pres. vote choice	1	2	1	0.39	0.39	1.37	0.24
2012	Pres. vote choice	1	3	1	9.04	9.04	20.05	0.00
2012	Pres. vote choice	1	4	1	2.37	2.37	10.36	0.00
2012	Pres. vote choice	1	5	1	2.56	2.56	8.81	0.00
2012	Pres. vote choice	1	6	1	0.44	0.44	2.02	0.18
2012	Pres. vote choice	1	7	1	5.16	5.16	13.54	0.00
2012	Pres. vote choice	2	2	1	0.23	0.23	0.80	0.45
2012	Pres. vote choice	2	3	1	0.47	0.47	1.03	0.45
2012	Pres. vote choice	2	4	1	0.56	0.56	2.35	0.38
2012	Pres. vote choice	2	5	1	0.01	0.01	0.04	0.84
2012	Pres. vote choice	2	6	1	0.35	0.35	1.60	0.41
2012	Pres. vote choice	2	7	1	10.72	10.72	26.57	0.00
2012	Pres. vote choice	3	2	1	0.72	0.72	2.47	0.29
2012	Pres. vote choice	3	3	1	0.03	0.03	0.07	0.79
2012	Pres. vote choice	3	4	1	0.21	0.21	0.88	0.44
2012	Pres. vote choice	3	5	1	0.27	0.27	0.93	0.44
2012	Pres. vote choice	3	6	1	0.95	0.95	4.29	0.19
2012	Race/ethnicity	1	1	3	8.96	2.99	4.07	0.02
2012	Race/ethnicity	1	2	3	1.29	0.43	1.80	0.17
2012	Race/ethnicity	1	3	3	39.87	13.29	33.33	0.00
2012	Race/ethnicity	1	4	3	1.23	0.41	2.13	0.14
2012	Race/ethnicity	1	5	3	1.52	0.51	2.07	0.14
2012	Race/ethnicity	1	6	3	0.76	0.25	1.38	0.25
2012	Race/ethnicity	1	7	3	12.35	4.12	12.17	0.00
2012	Race/ethnicity	2	1	3	3.14	1.05	1.43	0.23
2012	Race/ethnicity	2	2	3	5.42	1.81	7.43	0.00
2012	Race/ethnicity	2	4	3	2.16	0.72	3.76	0.02
2012	Race/ethnicity	2	5	3	2.26	0.75	3.08	0.04
2012	Race/ethnicity	2	6	3	3.72	1.24	6.79	0.00
2012	Race/ethnicity	2	7	3	8.16	2.72	8.34	0.00
2012	Race/ethnicity	3	1	3	3.91	1.30	1.77	0.17
2012	Race/ethnicity	3	2	3	4.33	1.44	5.95	0.00
2012	Race/ethnicity	3	4	3	1.40	0.47	2.44	0.09
2012	Race/ethnicity	3	5	3	1.82	0.61	2.48	0.09
2012	Race/ethnicity	3	6	3	3.18	1.06	5.81	0.00
2012	Race/ethnicity	4	1	3	4.28	1.43	1.95	0.17
2012	Race/ethnicity	4	4	3	1.93	0.64	3.35	0.04
2012	Race/ethnicity	4	5	3	2.54	0.85	3.46	0.04
2012	Race/ethnicity	4	6	3	4.41	1.47	8.03	0.00
2012	Race/ethnicity	5	1	3	5.58	1.86	2.54	0.13
2012	Race/ethnicity	5	4	3	2.75	0.92	4.75	0.01
2012	Race/ethnicity	5	5	3	3.86	1.29	5.26	0.01
2012	Race/ethnicity	6	1	3	6.81	2.27	3.11	0.10
2012	Race/ethnicity	6	4	3	3.46	1.15	5.96	0.00
2012	Race/ethnicity	7	1	3	8.81	2.94	4.01	0.06
2012	Survey mode	1	1	1	0.44	0.44	0.60	0.68
2012	Survey mode	1	2	1	0.12	0.12	0.49	0.68
2012	Survey mode	1	3	1	0.82	0.82	2.01	0.55
2012	Survey mode	1	4	1	0.00	0.00	0.00	0.95
2012	Survey mode	1	5	1	0.33	0.33	1.36	0.57
2012	Survey mode	1	6	1	1.69	1.69	9.27	0.02
2012	Survey mode	1	7	1	0.04	0.04	0.11	0.87

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Table B6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Survey mode	2	1	1	0.07	0.07	0.10	0.83
2012	Survey mode	2	2	1	0.01	0.01	0.05	0.83
2012	Survey mode	2	3	1	1.60	1.60	3.95	0.24
2012	Survey mode	2	4	1	0.04	0.04	0.22	0.83
2012	Survey mode	2	5	1	0.76	0.76	3.08	0.24
2012	Survey mode	2	7	1	0.17	0.17	0.50	0.83
2016	Age	1	1	2	1.59	0.79	0.85	0.43
2016	Age	1	2	2	8.58	4.29	12.87	0.00
2016	Age	1	3	2	6.09	3.05	7.84	0.00
2016	Age	1	4	2	0.64	0.32	1.77	0.24
2016	Age	1	5	2	18.34	9.17	38.83	0.00
2016	Age	1	6	2	12.49	6.25	29.65	0.00
2016	Age	1	7	2	0.55	0.28	0.94	0.43
2016	Age	2	1	2	3.33	1.67	1.78	0.24
2016	Age	2	2	2	4.47	2.24	6.82	0.00
2016	Age	2	3	2	2.40	1.20	3.11	0.10
2016	Age	2	4	2	0.28	0.14	0.77	0.54
2016	Age	2	6	2	20.25	10.12	46.40	0.00
2016	Age	2	7	2	0.27	0.13	0.46	0.63
2016	Age	3	1	2	9.06	4.53	4.80	0.06
2016	Age	3	2	2	2.08	1.04	3.20	0.14
2016	Age	3	3	2	1.91	0.95	2.47	0.15
2016	Age	3	4	2	0.55	0.28	1.53	0.22
2016	Age	3	7	2	1.04	0.52	1.76	0.20
2016	Education	1	1	4	13.84	3.46	3.70	0.01
2016	Education	1	2	4	1.67	0.42	1.23	0.34
2016	Education	1	3	4	14.27	3.57	9.34	0.00
2016	Education	1	4	4	0.98	0.24	1.39	0.33
2016	Education	1	5	4	12.50	3.13	13.27	0.00
2016	Education	1	6	4	0.88	0.22	1.04	0.38
2016	Education	1	7	4	12.03	3.01	10.33	0.00
2016	Education	2	1	4	20.83	5.21	5.57	0.00
2016	Education	2	2	4	2.04	0.51	1.50	0.23
2016	Education	2	3	4	8.11	2.03	5.39	0.00
2016	Education	2	4	4	1.41	0.35	1.97	0.15
2016	Education	2	6	4	2.39	0.60	2.79	0.05
2016	Education	2	7	4	16.66	4.17	13.76	0.00
2016	Education	3	1	4	23.66	5.91	6.33	0.00
2016	Education	3	2	4	2.00	0.50	1.47	0.24
2016	Education	3	3	4	6.02	1.50	4.01	0.01
2016	Education	3	4	4	2.21	0.55	3.06	0.03
2016	Education	3	6	4	4.64	1.16	5.38	0.00
2016	Education	4	2	4	4.18	1.05	3.03	0.04
2016	Education	4	3	4	3.04	0.76	2.03	0.11
2016	Education	4	4	4	3.19	0.80	4.26	0.01
2016	Education	4	6	4	7.49	1.87	8.61	0.00
2016	Education	5	2	4	6.28	1.57	4.53	0.00
2016	Education	5	3	4	2.50	0.63	1.67	0.23
2016	Education	5	4	4	4.61	1.15	6.05	0.00
2016	Education	6	2	4	6.32	1.58	4.55	0.00
2016	Education	6	3	4	3.14	0.79	2.10	0.13
2016	Education	6	4	4	5.08	1.27	6.72	0.00
2016	Education	7	2	4	8.12	2.03	5.81	0.00
2016	Education	7	3	4	4.01	1.00	2.67	0.06
2016	Education	8	3	4	4.74	1.19	3.15	0.05
2016	Education	9	3	4	5.09	1.27	3.37	0.04
2016	Education	10	3	4	5.43	1.36	3.58	0.06
2016	Electoral turnout	1	1	1	21.47	21.47	23.61	0.00
2016	Electoral turnout	1	2	1	1.28	1.28	3.57	0.10
2016	Electoral turnout	1	3	1	0.08	0.08	0.20	0.66
2016	Electoral turnout	1	4	1	1.34	1.34	7.10	0.03
2016	Electoral turnout	1	5	1	1.10	1.10	4.25	0.09
2016	Electoral turnout	1	6	1	0.60	0.60	2.66	0.14
2016	Electoral turnout	1	7	1	0.49	0.49	1.58	0.24
2016	Electoral turnout	2	2	1	0.01	0.01	0.04	0.84
2016	Electoral turnout	2	3	1	1.52	1.52	3.79	0.08
2016	Electoral turnout	2	4	1	0.37	0.37	1.94	0.20
2016	Electoral turnout	2	5	1	5.34	5.34	20.49	0.00
2016	Electoral turnout	2	6	1	2.90	2.90	12.69	0.00
2016	Electoral turnout	2	7	1	1.66	1.66	5.26	0.04
2016	Electoral turnout	3	2	1	0.21	0.21	0.57	0.55
2016	Electoral turnout	3	3	1	4.02	4.02	9.92	0.00
2016	Electoral turnout	3	4	1	0.07	0.07	0.37	0.55
2016	Electoral turnout	3	6	1	4.79	4.79	20.65	0.00
2016	Electoral turnout	3	7	1	2.61	2.61	8.08	0.01
2016	Electoral turnout	4	2	1	0.94	0.94	2.54	0.15
2016	Electoral turnout	4	3	1	7.20	7.20	17.64	0.00
2016	Electoral turnout	4	4	1	0.00	0.00	0.02	0.88
2016	Electoral turnout	4	7	1	3.70	3.70	11.25	0.00
2016	Electoral turnout	5	2	1	2.62	2.62	7.02	0.01
2016	Electoral turnout	5	4	1	0.20	0.20	1.05	0.31
2016	Electoral turnout	5	7	1	5.33	5.33	15.82	0.00
2016	Electoral turnout	6	2	1	4.33	4.33	11.51	0.00
2016	Electoral turnout	6	4	1	0.57	0.57	2.98	0.08
2016	Electoral turnout	7	4	1	0.94	0.94	4.80	0.03
2016	Gender	1	1	1	0.17	0.17	0.19	0.77
2016	Gender	1	2	1	0.03	0.03	0.09	0.77
2016	Gender	1	3	1	0.81	0.81	2.13	0.34
2016	Gender	1	4	1	0.09	0.09	0.52	0.77
2016	Gender	1	5	1	0.04	0.04	0.16	0.77
2016	Gender	1	6	1	0.52	0.52	2.44	0.34
2016	Gender	1	7	1	1.34	1.34	4.56	0.23
2016	Ideology	1	1	2	14.03	7.02	7.28	0.00
2016	Ideology	1	2	2	0.00	0.00	0.00	1.00
2016	Ideology	1	3	2	3.42	1.71	4.69	0.02

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Table B6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Ideology	1	4	2	0.70	0.35	1.76	0.20
2016	Ideology	1	5	2	4.16	2.08	7.85	0.00
2016	Ideology	1	6	2	1.60	0.80	3.38	0.05
2016	Ideology	1	7	2	5.50	2.75	8.53	0.00
2016	Ideology	2	1	2	16.43	8.21	8.63	0.00
2016	Ideology	2	2	2	0.21	0.10	0.30	0.74
2016	Ideology	2	3	2	2.38	1.19	3.27	0.09
2016	Ideology	2	4	2	1.02	0.51	2.52	0.14
2016	Ideology	2	5	2	6.00	3.00	11.27	0.00
2016	Ideology	2	6	2	0.96	0.48	2.04	0.18
2016	Ideology	3	1	2	23.45	11.73	12.78	0.00
2016	Ideology	3	2	2	1.40	0.70	2.04	0.18
2016	Ideology	3	3	2	1.55	0.78	2.14	0.18
2016	Ideology	3	4	2	1.75	0.87	4.32	0.05
2016	Ideology	3	6	2	0.71	0.36	1.51	0.26
2016	Ideology	4	2	2	4.05	2.03	5.66	0.01
2016	Ideology	4	3	2	1.22	0.61	1.67	0.19
2016	Ideology	4	4	2	2.42	1.21	5.91	0.01
2016	Ideology	4	6	2	2.65	1.33	5.55	0.01
2016	Ideology	5	2	2	4.48	2.24	6.23	0.01
2016	Ideology	5	3	2	1.06	0.53	1.45	0.23
2016	Ideology	5	4	2	2.28	1.14	5.57	0.01
2016	Ideology	5	6	2	3.62	1.81	7.54	0.00
2016	Ideology	6	2	2	6.40	3.20	8.74	0.00
2016	Ideology	6	3	2	2.14	1.07	2.90	0.07
2016	Ideology	6	4	2	2.74	1.37	6.59	0.00
2016	Ideology	7	3	2	4.54	2.27	6.13	0.01
2016	Ideology	7	4	2	4.11	2.06	9.83	0.00
2016	Ideology	8	3	2	7.45	3.72	9.98	0.00
2016	Income	1	1	2	11.52	5.76	6.19	0.00
2016	Income	1	2	2	1.54	0.77	2.38	0.11
2016	Income	1	3	2	13.16	6.58	17.05	0.00
2016	Income	1	4	2	0.24	0.12	0.68	0.50
2016	Income	1	5	2	2.95	1.47	6.15	0.00
2016	Income	1	6	2	1.24	0.62	2.91	0.08
2016	Income	1	7	2	4.40	2.20	7.46	0.00
2016	Income	2	1	2	8.32	4.16	4.41	0.04
2016	Income	2	2	2	1.41	0.70	2.18	0.23
2016	Income	2	4	2	0.57	0.29	1.61	0.23
2016	Income	2	5	2	0.96	0.48	2.03	0.23
2016	Income	2	6	2	0.74	0.37	1.75	0.23
2016	Income	2	7	2	2.65	1.32	4.55	0.04
2016	Income	3	1	2	9.35	4.67	4.96	0.05
2016	Income	3	2	2	1.37	0.68	2.12	0.21
2016	Income	3	4	2	0.34	0.17	0.96	0.45
2016	Income	3	5	2	1.67	0.83	3.50	0.11
2016	Income	3	6	2	0.91	0.45	2.12	0.21
2016	Income	4	2	2	0.72	0.36	1.11	0.47
2016	Income	4	4	2	0.07	0.03	0.19	0.82
2016	Income	4	5	2	3.70	1.85	7.75	0.00
2016	Income	4	6	2	0.70	0.35	1.64	0.45
2016	Income	5	2	2	0.70	0.35	1.07	0.48
2016	Income	5	4	2	0.00	0.00	0.00	1.00
2016	Income	5	6	2	0.99	0.50	2.33	0.17
2016	Party ID	1	1	2	24.17	12.08	12.99	0.00
2016	Party ID	1	2	2	0.32	0.16	0.47	0.73
2016	Party ID	1	3	2	0.06	0.03	0.08	0.92
2016	Party ID	1	4	2	0.53	0.26	1.48	0.43
2016	Party ID	1	5	2	1.32	0.66	2.74	0.23
2016	Party ID	1	6	2	0.49	0.24	1.15	0.44
2016	Party ID	1	7	2	0.83	0.41	1.41	0.43
2016	Party ID	2	2	2	1.43	0.71	2.06	0.18
2016	Party ID	2	3	2	3.51	1.76	4.55	0.02
2016	Party ID	2	4	2	0.00	0.00	0.01	0.99
2016	Party ID	2	5	2	6.14	3.07	12.75	0.00
2016	Party ID	2	6	2	2.96	1.48	6.94	0.00
2016	Party ID	2	7	2	2.74	1.37	4.65	0.02
2016	Party ID	3	2	2	2.57	1.28	3.69	0.04
2016	Party ID	3	3	2	6.05	3.03	7.82	0.00
2016	Party ID	3	4	2	0.09	0.04	0.24	0.79
2016	Party ID	3	6	2	4.40	2.20	10.26	0.00
2016	Party ID	3	7	2	3.67	1.83	6.18	0.00
2016	Party ID	4	2	2	3.88	1.94	5.57	0.01
2016	Party ID	4	3	2	8.73	4.36	11.25	0.00
2016	Party ID	4	4	2	0.29	0.14	0.81	0.52
2016	Party ID	4	7	2	4.65	2.33	7.77	0.00
2016	Party ID	5	2	2	6.62	3.31	9.38	0.00
2016	Party ID	5	4	2	0.83	0.41	2.30	0.18
2016	Party ID	5	7	2	6.47	3.23	10.64	0.00
2016	Party ID	6	2	2	9.75	4.87	13.70	0.00
2016	Party ID	6	4	2	1.65	0.82	4.55	0.04
2016	Party ID	7	4	2	2.90	1.45	7.91	0.00
2016	Pres. vote choice	1	1	1	0.21	0.21	0.22	0.88
2016	Pres. vote choice	1	2	1	0.01	0.01	0.02	0.90
2016	Pres. vote choice	1	3	1	0.06	0.06	0.15	0.88
2016	Pres. vote choice	1	4	1	0.02	0.02	0.10	0.88
2016	Pres. vote choice	1	5	1	1.77	1.77	6.17	0.09
2016	Pres. vote choice	1	6	1	0.28	0.28	1.05	0.71
2016	Pres. vote choice	1	7	1	0.47	0.47	1.27	0.71
2016	Race/ethnicity	1	1	3	2.45	0.82	0.87	0.45
2016	Race/ethnicity	1	2	3	1.06	0.35	1.04	0.45
2016	Race/ethnicity	1	3	3	2.40	0.80	2.08	0.30
2016	Race/ethnicity	1	4	3	0.49	0.16	0.92	0.45
2016	Race/ethnicity	1	5	3	1.43	0.48	1.99	0.30

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Table B6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Race/ethnicity	1	6	3	0.71	0.24	1.11	0.45
2016	Race/ethnicity	1	7	3	1.67	0.56	1.90	0.30
2016	Survey mode	1	1	1	15.60	15.60	16.76	0.00
2016	Survey mode	1	2	1	0.00	0.00	0.00	0.95
2016	Survey mode	1	3	1	2.62	2.62	6.86	0.02
2016	Survey mode	1	4	1	0.08	0.08	0.46	0.58
2016	Survey mode	1	5	1	0.80	0.80	3.33	0.10
2016	Survey mode	1	6	1	3.62	3.62	17.23	0.00
2016	Survey mode	1	7	1	1.68	1.68	5.75	0.03
2016	Survey mode	2	1	1	12.12	12.12	13.05	0.00
2016	Survey mode	2	2	1	0.07	0.07	0.21	0.77
2016	Survey mode	2	3	1	1.52	1.52	3.99	0.07
2016	Survey mode	2	4	1	0.01	0.01	0.06	0.81
2016	Survey mode	2	5	1	1.51	1.51	6.31	0.02
2016	Survey mode	2	7	1	2.39	2.39	8.12	0.01
2016	Survey mode	3	2	1	0.10	0.10	0.30	0.58
2016	Survey mode	3	3	1	4.49	4.49	11.79	0.00
2016	Survey mode	3	4	1	0.18	0.18	0.99	0.42
2016	Survey mode	3	5	1	0.22	0.22	0.92	0.42
2016	Survey mode	3	7	1	1.34	1.34	4.56	0.08
2016	Survey mode	4	2	1	0.91	0.91	2.65	0.21
2016	Survey mode	4	4	1	0.60	0.60	3.33	0.21
2016	Survey mode	4	5	1	0.07	0.07	0.29	0.59
2016	Survey mode	4	7	1	0.47	0.47	1.62	0.27

Table B7: ANOVA results for Racial Resentment scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	31.06	15.53	20.01	0.00
2012	Age	1	2	2	43.49	21.75	26.55	0.00
2012	Age	1	3	2	16.17	8.08	9.90	0.00
2012	Age	1	4	2	28.91	14.45	16.37	0.00
2012	Age	2	1	2	13.17	6.59	8.46	0.00
2012	Age	2	3	2	22.81	11.41	13.90	0.00
2012	Age	2	4	2	25.85	12.92	14.57	0.00
2012	Age	3	1	2	7.12	3.56	4.57	0.02
2012	Age	3	3	2	19.91	9.95	12.10	0.00
2012	Age	4	1	2	5.27	2.64	3.39	0.08
2012	Education	1	1	4	18.13	4.53	5.80	0.00
2012	Education	1	2	4	1.89	0.47	0.56	0.69
2012	Education	1	3	4	15.72	3.93	4.79	0.00
2012	Education	1	4	4	54.70	13.67	15.60	0.00
2012	Education	2	1	4	38.85	9.71	12.55	0.00
2012	Education	2	2	4	4.82	1.21	1.45	0.21
2012	Education	2	3	4	7.99	2.00	2.44	0.07
2012	Education	3	2	4	23.53	5.88	7.11	0.00
2012	Education	3	3	4	12.01	3.00	3.69	0.02
2012	Education	4	3	4	37.09	9.27	11.41	0.00
2012	Electoral turnout	1	1	1	0.09	0.09	0.12	0.94
2012	Electoral turnout	1	2	1	0.01	0.01	0.01	0.94
2012	Electoral turnout	1	3	1	21.45	21.45	26.24	0.00
2012	Electoral turnout	1	4	1	42.10	42.10	47.82	0.00
2012	Electoral turnout	2	1	1	2.91	2.91	3.69	0.05
2012	Electoral turnout	2	2	1	4.81	4.81	5.73	0.03
2012	Electoral turnout	2	3	1	7.00	7.00	8.55	0.01
2012	Electoral turnout	3	1	1	0.60	0.60	0.76	0.38
2012	Electoral turnout	3	2	1	1.30	1.30	1.55	0.38
2012	Gender	1	1	1	0.05	0.05	0.06	0.80
2012	Gender	1	2	1	6.62	6.62	7.94	0.01
2012	Gender	1	3	1	1.27	1.27	1.54	0.29
2012	Gender	1	4	1	28.06	28.06	31.71	0.00
2012	Gender	2	1	1	2.05	2.05	2.61	0.32
2012	Gender	2	2	1	0.49	0.49	0.59	0.58
2012	Gender	2	3	1	0.25	0.25	0.31	0.58
2012	Ideology	1	1	2	50.97	25.49	35.36	0.00
2012	Ideology	1	2	2	11.70	5.85	7.37	0.00
2012	Ideology	1	3	2	13.83	6.91	8.87	0.00
2012	Ideology	1	4	2	8.04	4.02	4.89	0.01
2012	Ideology	2	2	2	23.76	11.88	15.09	0.00
2012	Ideology	2	3	2	31.74	15.87	20.47	0.00
2012	Ideology	2	4	2	22.89	11.44	13.97	0.00
2012	Ideology	3	2	2	38.15	19.08	24.52	0.00
2012	Ideology	3	4	2	41.36	20.68	25.50	0.00
2012	Ideology	4	2	2	105.06	52.53	67.09	0.00
2012	Income	1	1	2	11.98	5.99	7.71	0.00
2012	Income	1	2	2	17.96	8.98	10.96	0.00
2012	Income	1	3	2	22.77	11.38	14.23	0.00
2012	Income	1	4	2	43.11	21.56	24.88	0.00
2012	Income	2	1	2	20.06	10.03	12.84	0.00
2012	Income	2	2	2	11.46	5.73	6.95	0.00
2012	Income	2	3	2	8.75	4.38	5.45	0.00
2012	Income	3	2	2	2.56	1.28	1.54	0.21
2012	Income	3	3	2	12.65	6.33	7.82	0.00
2012	Income	4	2	2	0.52	0.26	0.31	0.73
2012	Party ID	1	1	2	29.46	14.73	18.95	0.00
2012	Party ID	1	2	2	5.95	2.97	3.56	0.04
2012	Party ID	1	3	2	17.59	8.79	10.74	0.00
2012	Party ID	1	4	2	4.18	2.09	2.34	0.10
2012	Party ID	2	2	2	17.36	8.68	10.53	0.00
2012	Party ID	2	3	2	35.32	17.66	21.85	0.00
2012	Party ID	2	4	2	8.64	4.32	4.90	0.01

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Table B7: ANOVA results for Racial Resentment scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Party ID	3	2	2	48.09	24.04	29.63	0.00
2012	Party ID	3	4	2	28.55	14.27	16.45	0.00
2012	Party ID	4	4	2	107.62	53.81	63.14	0.00
2012	Pres. vote choice	1	1	1	39.93	39.93	52.67	0.00
2012	Pres. vote choice	1	2	1	1.68	1.68	2.00	0.16
2012	Pres. vote choice	1	3	1	10.59	10.59	13.48	0.00
2012	Pres. vote choice	1	4	1	3.56	3.56	4.14	0.06
2012	Pres. vote choice	2	2	1	15.59	15.59	19.11	0.00
2012	Pres. vote choice	2	3	1	31.06	31.06	40.31	0.00
2012	Pres. vote choice	2	4	1	19.87	19.87	23.72	0.00
2012	Pres. vote choice	3	2	1	47.98	47.98	61.19	0.00
2012	Pres. vote choice	3	4	1	54.21	54.21	67.27	0.00
2012	Pres. vote choice	4	2	1	151.68	151.68	194.38	0.00
2012	Survey mode	1	1	1	19.25	19.25	24.69	0.00
2012	Survey mode	1	2	1	37.07	37.07	44.97	0.00
2012	Survey mode	1	3	1	0.66	0.66	0.80	0.37
2012	Survey mode	1	4	1	1.46	1.46	1.64	0.27
2012	Survey mode	2	1	1	4.04	4.04	5.16	0.03
2012	Survey mode	2	3	1	9.66	9.66	11.67	0.00
2012	Survey mode	2	4	1	1.39	1.39	1.55	0.21
2012	Survey mode	3	1	1	0.50	0.50	0.64	0.42
2012	Survey mode	3	4	1	5.57	5.57	6.19	0.03
2012	Survey mode	4	1	1	0.74	0.74	0.93	0.33
2016	Age	1	1	2	30.39	15.20	23.62	0.00
2016	Age	1	2	2	11.25	5.62	8.25	0.00
2016	Age	1	3	2	6.12	3.06	4.92	0.01
2016	Age	1	4	2	6.15	3.08	4.12	0.02
2016	Age	2	2	2	6.63	3.32	4.88	0.01
2016	Age	2	3	2	10.35	5.17	8.35	0.00
2016	Age	2	4	2	7.31	3.66	4.89	0.01
2016	Age	3	2	2	9.93	4.97	7.32	0.00
2016	Age	3	4	2	9.26	4.63	6.21	0.00
2016	Age	4	4	2	7.63	3.81	5.13	0.01
2016	Age	5	4	2	7.26	3.63	4.89	0.02
2016	Education	1	1	4	23.00	5.75	8.98	0.00
2016	Education	1	2	4	6.57	1.64	2.42	0.05
2016	Education	1	3	4	7.06	1.77	2.84	0.03
2016	Education	1	4	4	25.81	6.45	8.79	0.00
2016	Education	2	2	4	10.61	2.65	3.95	0.01
2016	Education	2	3	4	4.48	1.12	1.82	0.12
2016	Education	2	4	4	41.49	10.37	14.23	0.00
2016	Education	3	2	4	29.43	7.36	11.04	0.00
2016	Education	3	3	4	9.91	2.48	4.08	0.01
2016	Education	4	3	4	32.37	8.09	13.42	0.00
2016	Electoral turnout	1	1	1	1.68	1.68	2.76	0.39
2016	Electoral turnout	1	2	1	0.49	0.49	0.73	0.41
2016	Electoral turnout	1	3	1	0.41	0.41	0.68	0.41
2016	Electoral turnout	1	4	1	0.75	0.75	1.06	0.41
2016	Gender	1	1	1	0.77	0.77	1.19	0.55
2016	Gender	1	2	1	0.02	0.02	0.03	0.87
2016	Gender	1	3	1	0.40	0.40	0.64	0.57
2016	Gender	1	4	1	3.23	3.23	4.35	0.15
2016	Ideology	1	1	2	40.04	20.02	34.18	0.00
2016	Ideology	1	2	2	4.01	2.00	3.17	0.04
2016	Ideology	1	3	2	16.61	8.31	14.39	0.00
2016	Ideology	1	4	2	16.03	8.02	12.34	0.00
2016	Ideology	2	2	2	15.86	7.93	12.87	0.00
2016	Ideology	2	3	2	37.61	18.80	33.33	0.00
2016	Ideology	2	4	2	34.70	17.35	27.30	0.00
2016	Ideology	3	2	2	45.56	22.78	38.53	0.00
2016	Ideology	3	4	2	74.83	37.42	61.10	0.00
2016	Ideology	4	2	2	154.58	77.29	131.58	0.00
2016	Income	1	1	2	13.58	6.79	10.47	0.00
2016	Income	1	2	2	6.45	3.22	4.76	0.01
2016	Income	1	3	2	1.79	0.90	1.45	0.24
2016	Income	1	4	2	14.31	7.15	9.67	0.00
2016	Income	2	2	2	3.01	1.50	2.22	0.14
2016	Income	2	3	2	0.14	0.07	0.11	0.89
2016	Income	2	4	2	23.69	11.85	15.98	0.00
2016	Income	3	2	2	3.20	1.60	2.35	0.14
2016	Income	3	3	2	2.77	1.39	2.23	0.14
2016	Party ID	1	1	2	33.37	16.68	26.33	0.00
2016	Party ID	1	2	2	4.27	2.14	3.16	0.04
2016	Party ID	1	3	2	11.48	5.74	9.33	0.00
2016	Party ID	1	4	2	9.02	4.51	6.11	0.00
2016	Party ID	2	2	2	16.29	8.14	12.35	0.00
2016	Party ID	2	3	2	27.31	13.66	22.72	0.00
2016	Party ID	2	4	2	23.71	11.85	16.45	0.00
2016	Party ID	3	2	2	40.75	20.37	31.73	0.00
2016	Party ID	3	4	2	52.61	26.31	37.43	0.00
2016	Party ID	4	2	2	132.61	66.31	106.84	0.00
2016	Pres. vote choice	1	1	1	39.94	39.94	68.05	0.00
2016	Pres. vote choice	1	2	1	4.52	4.52	7.03	0.01
2016	Pres. vote choice	1	3	1	13.86	13.86	22.79	0.00
2016	Pres. vote choice	1	4	1	18.60	18.60	27.19	0.00
2016	Pres. vote choice	2	2	1	18.72	18.72	30.27	0.00
2016	Pres. vote choice	2	3	1	33.92	33.92	57.79	0.00
2016	Pres. vote choice	2	4	1	41.78	41.78	62.87	0.00
2016	Pres. vote choice	3	2	1	50.42	50.42	82.46	0.00
2016	Pres. vote choice	3	3	1	72.59	72.59	123.98	0.00
2016	Pres. vote choice	4	2	1	187.70	187.70	339.00	0.00
2016	Survey mode	1	1	1	2.11	2.11	3.27	0.09
2016	Survey mode	1	2	1	18.03	18.03	26.83	0.00
2016	Survey mode	1	3	1	1.52	1.52	2.45	0.12
2016	Survey mode	1	4	1	6.30	6.30	8.53	0.01

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Table B7: ANOVA results for Racial Resentment scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Survey mode	2	1	1	0.00	0.00	0.00	0.98
2016	Survey mode	2	3	1	7.04	7.04	11.33	0.00
2016	Survey mode	2	4	1	1.05	1.05	1.43	0.35
2016	Survey mode	3	1	1	1.07	1.07	1.65	0.40
2016	Survey mode	3	4	1	0.01	0.01	0.01	0.93

Table B8: ANOVA results for TIPI: Agreeableness scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	1.35	0.67	1.74	0.35
2012	Age	1	2	2	0.64	0.32	0.71	0.49
2012	Education	1	1	4	12.74	3.18	8.29	0.00
2012	Education	1	2	4	8.77	2.19	4.91	0.00
2012	Education	2	2	4	1.22	0.31	0.68	0.66
2012	Electoral turnout	1	1	1	4.08	4.08	10.60	0.00
2012	Electoral turnout	1	2	1	0.50	0.50	1.11	0.29
2012	Electoral turnout	2	2	1	2.14	2.14	4.79	0.03
2012	Gender	1	1	1	8.89	8.89	23.12	0.00
2012	Gender	1	2	1	78.93	78.93	181.99	0.00
2012	Gender	2	1	1	21.01	21.01	55.49	0.00
2012	Ideology	1	1	2	9.19	4.59	12.07	0.00
2012	Ideology	1	2	2	12.22	6.11	13.79	0.00
2012	Ideology	2	1	2	3.30	1.65	4.34	0.03
2012	Income	1	1	2	10.84	5.42	14.25	0.00
2012	Income	1	2	2	14.62	7.31	16.61	0.00
2012	Income	2	1	2	2.67	1.33	3.51	0.06
2012	Party ID	1	1	2	9.51	4.76	12.36	0.00
2012	Party ID	1	2	2	20.28	10.14	22.79	0.00
2012	Party ID	2	1	2	1.30	0.65	1.69	0.19
2012	Pres. vote choice	1	1	1	7.26	7.26	20.21	0.00
2012	Pres. vote choice	1	2	1	14.49	14.49	35.02	0.00
2012	Pres. vote choice	2	1	1	0.67	0.67	1.60	0.21
2012	Race/ethnicity	1	1	3	15.32	5.11	13.30	0.00
2012	Race/ethnicity	1	2	3	14.59	4.86	10.90	0.00
2012	Race/ethnicity	2	2	3	2.20	0.73	1.64	0.18
2012	Survey mode	1	1	1	46.89	46.89	124.16	0.00
2012	Survey mode	1	2	1	62.30	62.30	142.64	0.00
2012	Survey mode	2	1	1	10.98	10.98	29.07	0.00
2016	Age	1	1	2	6.55	3.27	8.20	0.00
2016	Age	1	2	2	0.62	0.31	0.72	0.49
2016	Age	2	2	2	15.33	7.66	17.63	0.00
2016	Education	1	1	4	10.27	2.57	6.52	0.00
2016	Education	1	2	4	0.86	0.22	0.50	0.73
2016	Education	2	2	4	10.53	2.63	6.15	0.00
2016	Electoral turnout	1	1	1	0.01	0.01	0.01	0.90
2016	Electoral turnout	1	2	1	1.90	1.90	4.52	0.07
2016	Gender	1	1	1	0.01	0.01	0.03	0.87
2016	Gender	1	2	1	32.41	32.41	76.71	0.00
2016	Gender	2	1	1	30.71	30.71	78.48	0.00
2016	Ideology	1	1	2	3.76	1.88	4.99	0.01
2016	Ideology	1	2	2	7.65	3.83	9.44	0.00
2016	Ideology	2	1	2	1.03	0.51	1.38	0.25
2016	Income	1	1	2	4.45	2.23	5.59	0.01
2016	Income	1	2	2	0.94	0.47	1.08	0.34
2016	Income	2	2	2	1.03	0.51	1.18	0.43
2016	Party ID	1	1	2	7.97	3.98	10.08	0.00
2016	Party ID	1	2	2	14.48	7.24	16.97	0.00
2016	Party ID	2	1	2	1.72	0.86	2.17	0.23
2016	Pres. vote choice	1	1	1	5.72	5.72	15.20	0.00
2016	Pres. vote choice	1	2	1	11.87	11.87	29.84	0.00
2016	Pres. vote choice	2	1	1	1.23	1.23	3.30	0.07
2016	Race/ethnicity	1	1	3	11.82	3.94	9.99	0.00
2016	Race/ethnicity	1	2	3	5.69	1.90	4.42	0.00
2016	Race/ethnicity	2	2	3	3.80	1.27	2.95	0.03
2016	Survey mode	1	1	1	9.56	9.56	24.22	0.00
2016	Survey mode	1	2	1	15.19	15.19	35.64	0.00
2016	Survey mode	2	1	1	1.47	1.47	3.72	0.05

Table B9: ANOVA results for TIPI: Conscientiousness scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	12.07	6.04	12.09	0.00
2012	Age	1	2	2	1.77	0.88	2.35	0.10
2012	Age	2	2	2	4.50	2.25	6.03	0.00
2012	Education	1	1	4	7.37	1.84	3.71	0.01
2012	Education	1	2	4	6.52	1.63	4.39	0.00
2012	Education	2	1	4	27.30	6.83	13.80	0.00
2012	Electoral turnout	1	1	1	6.80	6.80	13.63	0.00
2012	Electoral turnout	1	2	1	0.80	0.80	2.14	0.14
2012	Electoral turnout	2	2	1	16.31	16.31	44.04	0.00
2012	Gender	1	1	1	1.16	1.16	2.32	0.14
2012	Gender	1	2	1	0.81	0.81	2.17	0.14
2012	Ideology	1	1	2	6.18	3.09	6.25	0.00
2012	Ideology	1	2	2	0.22	0.11	0.30	0.74
2012	Ideology	2	2	2	5.83	2.92	7.80	0.00

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Table B9: ANOVA results for TIPI: Conscientiousness scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Income	1	1	2	6.49	3.24	6.55	0.00
2012	Income	1	2	2	1.18	0.59	1.59	0.20
2012	Income	2	2	2	20.16	10.08	27.51	0.00
2012	Party ID	1	1	2	5.80	2.90	5.81	0.01
2012	Party ID	1	2	2	0.99	0.49	1.32	0.27
2012	Party ID	2	2	2	12.41	6.20	16.69	0.00
2012	Pres. vote choice	1	1	1	3.26	3.26	7.14	0.02
2012	Pres. vote choice	1	2	1	0.02	0.02	0.05	0.83
2012	Pres. vote choice	2	2	1	4.96	4.96	14.39	0.00
2012	Race/ethnicity	1	1	3	2.69	0.90	1.79	0.15
2012	Race/ethnicity	1	2	3	4.33	1.44	3.85	0.02
2012	Race/ethnicity	2	1	3	8.10	2.70	5.43	0.00
2012	Survey mode	1	1	1	30.05	30.05	60.85	0.00
2012	Survey mode	1	2	1	15.55	15.55	41.78	0.00
2012	Survey mode	2	2	1	0.13	0.13	0.35	0.56
2016	Age	1	1	2	10.30	5.15	11.20	0.00
2016	Age	1	2	2	1.92	0.96	2.34	0.10
2016	Age	2	2	2	21.78	10.89	27.15	0.00
2016	Education	1	1	4	4.55	1.14	2.49	0.04
2016	Education	1	2	4	6.04	1.51	3.75	0.01
2016	Education	2	1	4	25.15	6.29	13.95	0.00
2016	Electoral turnout	1	1	1	3.22	3.22	7.28	0.01
2016	Electoral turnout	1	2	1	0.03	0.03	0.08	0.78
2016	Electoral turnout	2	2	1	8.20	8.20	21.52	0.00
2016	Gender	1	1	1	0.85	0.85	1.85	0.17
2016	Gender	1	2	1	1.28	1.28	3.16	0.15
2016	Ideology	1	1	2	2.30	1.15	2.76	0.13
2016	Ideology	1	2	2	0.99	0.49	1.35	0.26
2016	Income	1	1	2	0.84	0.42	0.91	0.40
2016	Income	1	2	2	3.98	1.99	4.88	0.02
2016	Income	2	1	2	12.19	6.10	13.31	0.00
2016	Party ID	1	1	2	4.43	2.22	4.85	0.02
2016	Party ID	1	2	2	0.29	0.14	0.36	0.70
2016	Party ID	2	2	2	3.66	1.83	4.55	0.02
2016	Pres. vote choice	1	1	1	1.21	1.21	2.82	0.19
2016	Pres. vote choice	1	2	1	0.00	0.00	0.01	0.91
2016	Race/ethnicity	1	1	3	1.23	0.41	0.89	0.44
2016	Race/ethnicity	1	2	3	4.31	1.44	3.55	0.03
2016	Survey mode	1	1	1	19.65	19.65	43.28	0.00
2016	Survey mode	1	2	1	16.31	16.31	40.64	0.00
2016	Survey mode	2	2	1	0.48	0.48	1.19	0.28

Table B10: ANOVA results for TIPI: Emotional Stability scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	2.22	1.11	2.45	0.15
2012	Age	1	2	2	2.07	1.03	1.91	0.15
2012	Education	1	1	4	7.95	1.99	4.44	0.00
2012	Education	1	2	4	1.80	0.45	0.84	0.50
2012	Education	2	2	4	27.85	6.96	13.00	0.00
2012	Electoral turnout	1	1	1	4.06	4.06	8.98	0.01
2012	Electoral turnout	1	2	1	0.24	0.24	0.44	0.51
2012	Electoral turnout	2	2	1	9.10	9.10	16.92	0.00
2012	Gender	1	1	1	8.97	8.97	19.86	0.00
2012	Gender	1	2	1	4.71	4.71	8.73	0.00
2012	Gender	2	2	1	1.38	1.38	2.56	0.11
2012	Ideology	1	1	2	1.36	0.68	1.57	0.21
2012	Ideology	1	2	2	4.50	2.25	4.29	0.03
2012	Ideology	2	1	2	9.16	4.58	10.11	0.00
2012	Income	1	1	2	5.65	2.83	6.41	0.00
2012	Income	1	2	2	1.44	0.72	1.35	0.26
2012	Income	2	2	2	4.82	2.41	4.46	0.02
2012	Party ID	1	1	2	4.50	2.25	4.97	0.01
2012	Party ID	1	2	2	1.74	0.87	1.60	0.20
2012	Party ID	2	2	2	2.83	1.42	2.62	0.15
2012	Pres. vote choice	1	1	1	2.03	2.03	4.88	0.05
2012	Pres. vote choice	1	2	1	1.65	1.65	3.31	0.07
2012	Race/ethnicity	1	1	3	4.00	1.33	2.95	0.03
2012	Race/ethnicity	1	2	3	5.04	1.68	3.11	0.03
2012	Race/ethnicity	2	1	3	1.07	0.36	0.79	0.98
2012	Survey mode	1	1	1	25.62	25.62	57.14	0.00
2012	Survey mode	1	2	1	42.15	42.15	79.04	0.00
2012	Survey mode	2	1	1	0.32	0.32	0.71	0.40
2016	Age	1	1	2	2.01	1.01	2.13	0.12
2016	Age	1	2	2	13.44	6.72	12.39	0.00
2016	Age	2	1	2	5.78	2.89	6.23	0.00
2016	Education	1	1	4	1.39	0.35	0.74	0.56
2016	Education	1	2	4	7.89	1.97	3.65	0.01
2016	Electoral turnout	1	1	1	3.04	3.04	6.77	0.01
2016	Electoral turnout	1	2	1	12.50	12.50	24.12	0.00
2016	Electoral turnout	2	1	1	4.09	4.09	9.12	0.00
2016	Gender	1	1	1	9.48	9.48	20.46	0.00
2016	Gender	1	2	1	6.67	6.67	12.41	0.00
2016	Gender	2	2	1	0.02	0.02	0.03	0.86
2016	Ideology	1	1	2	2.81	1.40	3.40	0.03
2016	Ideology	1	2	2	4.43	2.22	4.50	0.02
2016	Ideology	2	1	2	2.13	1.07	2.50	0.16
2016	Income	1	1	2	5.44	2.72	5.82	0.01
2016	Income	1	2	2	0.83	0.42	0.77	0.46
2016	Income	2	2	2	3.85	1.92	3.54	0.06

TIPI: Emotional Stability ANOVA results continued on next page

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Table B10: ANOVA results for TIPI: Emotional Stability scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Party ID	1	1	2	8.03	4.02	8.66	0.00
2016	Party ID	1	2	2	8.09	4.05	7.53	0.00
2016	Party ID	2	2	2	4.14	2.07	3.84	0.04
2016	Pres. vote choice	1	1	1	1.92	1.92	4.49	0.07
2016	Pres. vote choice	1	2	1	0.48	0.48	0.98	0.32
2016	Race/ethnicity	1	1	3	1.98	0.66	1.42	0.24
2016	Race/ethnicity	1	2	3	7.19	2.40	4.45	0.01
2016	Race/ethnicity	2	1	3	0.81	0.27	0.58	0.94
2016	Survey mode	1	1	1	16.61	16.61	35.93	0.00
2016	Survey mode	1	2	1	16.93	16.93	31.58	0.00
2016	Survey mode	2	2	1	1.26	1.26	2.33	0.13

Table B11: ANOVA results for TIPI: Extraversion scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	8.64	4.32	8.02	0.00
2012	Age	1	2	2	9.65	4.82	9.92	0.00
2012	Age	2	1	2	0.83	0.42	0.77	0.46
2012	Education	1	1	4	4.04	1.01	1.87	0.22
2012	Education	1	2	4	1.84	0.46	0.95	0.44
2012	Electoral turnout	1	1	1	1.42	1.42	2.64	0.21
2012	Electoral turnout	1	2	1	0.30	0.30	0.62	0.43
2012	Gender	1	1	1	12.60	12.60	23.47	0.00
2012	Gender	1	2	1	2.68	2.68	5.51	0.02
2012	Gender	2	2	1	2.18	2.18	4.50	0.03
2012	Ideology	1	1	2	6.28	3.14	5.88	0.01
2012	Ideology	1	2	2	4.05	2.02	4.21	0.01
2012	Ideology	2	2	2	0.47	0.23	0.48	0.62
2012	Income	1	1	2	3.64	1.82	3.43	0.03
2012	Income	1	2	2	11.56	5.78	12.12	0.00
2012	Income	2	1	2	6.87	3.44	6.34	0.00
2012	Party ID	1	1	2	4.93	2.47	4.57	0.02
2012	Party ID	1	2	2	2.58	1.29	2.65	0.07
2012	Party ID	2	2	2	6.78	3.39	6.99	0.00
2012	Pres. vote choice	1	1	1	1.49	1.49	2.99	0.08
2012	Pres. vote choice	1	2	1	3.32	3.32	7.39	0.01
2012	Pres. vote choice	2	1	1	0.13	0.13	0.25	0.62
2012	Race/ethnicity	1	1	3	19.35	6.45	12.02	0.00
2012	Race/ethnicity	1	2	3	23.62	7.87	16.30	0.00
2012	Race/ethnicity	2	1	3	3.25	1.08	2.00	0.17
2012	Survey mode	1	1	1	46.76	46.76	88.14	0.00
2012	Survey mode	1	2	1	10.20	10.20	21.06	0.00
2012	Survey mode	2	2	1	9.75	9.75	20.27	0.00
2016	Age	1	1	2	16.15	8.07	14.85	0.00
2016	Age	1	2	2	12.91	6.45	13.16	0.00
2016	Age	2	2	2	0.79	0.40	0.81	0.86
2016	Education	1	1	4	5.65	1.41	2.61	0.07
2016	Education	1	2	4	0.87	0.22	0.44	0.78
2016	Electoral turnout	1	1	1	8.62	8.62	16.89	0.00
2016	Electoral turnout	1	2	1	6.29	6.29	13.80	0.00
2016	Electoral turnout	2	2	1	1.07	1.07	2.27	0.13
2016	Gender	1	1	1	2.43	2.43	4.49	0.07
2016	Gender	1	2	1	0.03	0.03	0.07	0.79
2016	Ideology	1	1	2	3.76	1.88	3.92	0.02
2016	Ideology	1	2	2	3.23	1.61	3.77	0.02
2016	Ideology	2	2	2	0.49	0.25	0.54	0.88
2016	Income	1	1	2	0.89	0.44	0.82	0.74
2016	Income	1	2	2	0.30	0.15	0.30	0.74
2016	Party ID	1	1	2	5.07	2.54	4.70	0.02
2016	Party ID	1	2	2	0.75	0.38	0.78	0.46
2016	Party ID	2	2	2	0.63	0.32	0.65	0.53
2016	Pres. vote choice	1	1	1	0.02	0.02	0.04	0.85
2016	Pres. vote choice	1	2	1	0.05	0.05	0.11	0.85
2016	Race/ethnicity	1	1	3	15.94	5.31	9.86	0.00
2016	Race/ethnicity	1	2	3	21.74	7.25	14.99	0.00
2016	Race/ethnicity	2	1	3	1.06	0.35	0.65	0.58
2016	Survey mode	1	1	1	16.33	16.33	30.39	0.00
2016	Survey mode	1	2	1	6.63	6.63	13.62	0.00
2016	Survey mode	2	2	1	0.00	0.00	0.00	0.99

Table B12: ANOVA results for TIPI: Openness To Experiences scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	5.25	2.63	4.88	0.02
2012	Age	1	2	2	1.54	0.77	1.62	0.20
2012	Age	2	2	2	4.57	2.29	4.82	0.02
2012	Education	1	1	4	19.19	4.80	9.02	0.00
2012	Education	1	2	4	9.42	2.35	4.99	0.00
2012	Education	2	2	4	9.60	2.40	5.10	0.00
2012	Electoral turnout	1	1	1	0.39	0.39	0.72	0.79
2012	Electoral turnout	1	2	1	0.01	0.01	0.03	0.87
2012	Gender	1	1	1	0.86	0.86	1.59	0.41
2012	Gender	1	2	1	0.18	0.18	0.38	0.54
2012	Ideology	1	1	2	7.92	3.96	7.42	0.00
2012	Ideology	1	2	2	0.91	0.45	0.96	0.38

TIPI: Openness To Experiences ANOVA results continued on next page

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Table B12: ANOVA results for TIPI: Openness To Experiences scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Ideology	2	2	2	15.31	7.65	16.07	0.00
2012	Income	1	1	2	0.25	0.13	0.23	0.89
2012	Income	1	2	2	0.11	0.06	0.12	0.89
2012	Party ID	1	1	2	5.96	2.98	5.54	0.01
2012	Party ID	1	2	2	1.01	0.51	1.06	0.35
2012	Party ID	2	2	2	6.35	3.17	6.67	0.00
2012	Pres. vote choice	1	1	1	7.54	7.54	15.03	0.00
2012	Pres. vote choice	1	2	1	0.05	0.05	0.11	0.73
2012	Pres. vote choice	2	2	1	8.75	8.75	19.10	0.00
2012	Race/ethnicity	1	1	3	22.36	7.45	13.95	0.00
2012	Race/ethnicity	1	2	3	13.92	4.64	9.78	0.00
2012	Race/ethnicity	2	2	3	0.99	0.33	0.69	0.56
2012	Survey mode	1	1	1	73.14	73.14	139.39	0.00
2012	Survey mode	1	2	1	24.47	24.47	51.83	0.00
2012	Survey mode	2	2	1	6.61	6.61	14.16	0.00
2016	Age	1	1	2	0.61	0.30	0.57	0.57
2016	Age	1	2	2	6.28	3.14	6.56	0.00
2016	Age	2	1	2	3.87	1.93	3.66	0.05
2016	Education	1	1	4	17.15	4.29	8.22	0.00
2016	Education	1	2	4	6.11	1.53	3.24	0.01
2016	Education	2	2	4	14.65	3.66	7.87	0.00
2016	Electoral turnout	1	1	1	2.31	2.31	4.42	0.05
2016	Electoral turnout	1	2	1	1.85	1.85	3.96	0.05
2016	Electoral turnout	2	2	1	0.01	0.01	0.01	0.91
2016	Gender	1	1	1	0.52	0.52	0.98	0.32
2016	Gender	1	2	1	1.92	1.92	4.03	0.09
2016	Ideology	1	1	2	13.20	6.60	14.17	0.00
2016	Ideology	1	2	2	0.25	0.13	0.29	0.74
2016	Ideology	2	2	2	17.66	8.83	20.49	0.00
2016	Income	1	1	2	0.95	0.48	0.89	0.82
2016	Income	1	2	2	0.06	0.03	0.06	0.94
2016	Party ID	1	1	2	12.43	6.22	11.88	0.00
2016	Party ID	1	2	2	0.73	0.37	0.77	0.46
2016	Party ID	2	2	2	10.05	5.03	10.72	0.00
2016	Pres. vote choice	1	1	1	20.62	20.62	39.71	0.00
2016	Pres. vote choice	1	2	1	2.84	2.84	6.01	0.01
2016	Pres. vote choice	2	2	1	6.22	6.22	16.03	0.00
2016	Race/ethnicity	1	1	3	10.16	3.39	6.43	0.00
2016	Race/ethnicity	1	2	3	8.36	2.79	5.87	0.00
2016	Race/ethnicity	2	2	3	2.56	0.85	1.80	0.29
2016	Survey mode	1	1	1	15.18	15.18	28.99	0.00
2016	Survey mode	1	2	1	9.05	9.05	19.14	0.00
2016	Survey mode	2	2	1	0.01	0.01	0.02	0.89

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	1	1	2	7.46	3.73	5.67	0.01
2012	Age	1	2	2	1.82	0.91	1.97	0.15
2012	Age	1	3	2	3.73	1.86	2.79	0.08
2012	Age	1	4	2	3.27	1.64	3.72	0.03
2012	Age	1	5	2	53.81	26.90	22.93	0.00
2012	Age	1	6	2	29.72	14.86	14.29	0.00
2012	Age	1	7	2	55.91	27.95	33.48	0.00
2012	Age	1	8	2	1.07	0.53	0.76	0.47
2012	Age	1	9	2	86.56	43.28	60.03	0.00
2012	Age	1	10	2	15.00	7.50	8.90	0.00
2012	Age	2	1	2	9.90	4.95	7.54	0.00
2012	Age	2	2	2	0.95	0.47	1.04	0.37
2012	Age	2	3	2	4.53	2.27	3.40	0.06
2012	Age	2	4	2	1.46	0.73	1.67	0.23
2012	Age	2	5	2	72.32	36.16	30.74	0.00
2012	Age	2	6	2	38.95	19.47	18.76	0.00
2012	Age	2	7	2	40.13	20.06	24.12	0.00
2012	Age	2	8	2	2.36	1.18	1.68	0.23
2012	Age	2	10	2	6.36	3.18	3.78	0.05
2012	Age	3	1	2	10.51	5.26	8.16	0.00
2012	Age	3	2	2	0.40	0.20	0.44	0.64
2012	Age	3	3	2	4.81	2.40	3.62	0.05
2012	Age	3	4	2	1.36	0.68	1.57	0.27
2012	Age	3	6	2	61.93	30.96	29.77	0.00
2012	Age	3	7	2	22.30	11.15	13.48	0.00
2012	Age	3	8	2	4.97	2.48	3.54	0.05
2012	Age	3	10	2	1.21	0.61	0.72	0.55
2012	Age	4	1	2	10.27	5.14	8.08	0.00
2012	Age	4	2	2	0.14	0.07	0.15	0.86
2012	Age	4	3	2	5.08	2.54	3.82	0.04
2012	Age	4	4	2	2.32	1.16	2.65	0.09
2012	Age	4	7	2	10.04	5.02	6.08	0.01
2012	Age	4	8	2	8.88	4.44	6.33	0.01
2012	Age	4	10	2	1.04	0.52	0.62	0.61
2012	Age	5	1	2	9.72	4.86	7.66	0.00
2012	Age	5	2	2	0.11	0.06	0.12	0.88
2012	Age	5	3	2	4.88	2.44	3.67	0.05
2012	Age	5	4	2	3.02	1.51	3.45	0.05
2012	Age	5	7	2	9.02	4.51	5.45	0.01
2012	Age	5	8	2	9.78	4.89	6.97	0.00
2012	Age	5	10	2	2.10	1.05	1.25	0.33
2012	Age	6	2	2	0.51	0.25	0.57	0.57
2012	Age	6	3	2	7.33	3.66	5.51	0.02
2012	Age	6	4	2	2.92	1.46	3.33	0.06

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Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Age	6	7	2	6.63	3.31	4.01	0.05
2012	Age	6	8	2	13.09	6.54	9.34	0.00
2012	Age	6	10	2	2.16	1.08	1.29	0.32
2012	Age	7	2	2	1.00	0.50	1.11	0.33
2012	Age	7	3	2	10.12	5.06	7.60	0.00
2012	Age	7	4	2	3.10	1.55	3.53	0.08
2012	Age	7	7	2	4.12	2.06	2.49	0.15
2012	Age	7	10	2	2.98	1.49	1.77	0.19
2012	Age	8	2	2	1.89	0.94	2.09	0.16
2012	Age	8	4	2	3.59	1.80	4.10	0.07
2012	Age	8	7	2	2.27	1.14	1.37	0.29
2012	Age	8	10	2	4.66	2.33	2.77	0.16
2012	Age	9	2	2	2.74	1.37	3.03	0.11
2012	Age	9	4	2	3.79	1.90	4.36	0.06
2012	Age	9	7	2	1.44	0.72	0.87	0.49
2012	Age	9	10	2	6.75	3.37	4.01	0.06
2012	Education	1	1	4	9.60	2.40	3.65	0.01
2012	Education	1	2	4	9.00	2.25	4.92	0.00
2012	Education	1	3	4	71.97	17.99	27.33	0.00
2012	Education	1	4	4	3.16	0.79	1.80	0.14
2012	Education	1	5	4	74.28	18.57	16.01	0.00
2012	Education	1	6	4	4.11	1.03	0.98	0.42
2012	Education	1	7	4	39.69	9.92	11.83	0.00
2012	Education	1	8	4	6.68	1.67	2.38	0.06
2012	Education	1	9	4	11.74	2.94	3.99	0.01
2012	Education	1	10	4	123.70	30.92	37.53	0.00
2012	Education	2	1	4	9.83	2.46	3.80	0.01
2012	Education	2	2	4	10.35	2.59	5.76	0.00
2012	Education	2	3	4	88.76	22.19	33.61	0.00
2012	Education	2	4	4	5.73	1.43	3.31	0.02
2012	Education	2	5	4	58.90	14.73	12.92	0.00
2012	Education	2	6	4	5.28	1.32	1.28	0.33
2012	Education	2	7	4	65.84	16.46	19.81	0.00
2012	Education	2	8	4	3.67	0.92	1.32	0.33
2012	Education	2	9	4	20.81	5.20	7.12	0.00
2012	Education	3	1	4	12.38	3.10	4.82	0.00
2012	Education	3	2	4	17.35	4.34	9.61	0.00
2012	Education	3	4	4	10.77	2.69	6.21	0.00
2012	Education	3	5	4	39.01	9.75	8.69	0.00
2012	Education	3	6	4	7.08	1.77	1.73	0.17
2012	Education	3	7	4	77.49	19.37	23.43	0.00
2012	Education	3	8	4	2.85	0.71	1.03	0.39
2012	Education	3	9	4	23.89	5.97	8.21	0.00
2012	Education	4	1	4	16.15	4.04	6.36	0.00
2012	Education	4	2	4	19.87	4.97	11.19	0.00
2012	Education	4	4	4	13.84	3.46	8.13	0.00
2012	Education	4	5	4	39.68	9.92	8.94	0.00
2012	Education	4	6	4	17.60	4.40	4.36	0.00
2012	Education	4	8	4	6.42	1.60	2.33	0.07
2012	Education	4	9	4	37.81	9.45	13.01	0.00
2012	Education	5	1	4	19.55	4.89	7.71	0.00
2012	Education	5	2	4	21.57	5.39	12.20	0.00
2012	Education	5	4	4	16.49	4.12	9.70	0.00
2012	Education	5	5	4	46.90	11.73	10.66	0.00
2012	Education	5	6	4	27.45	6.86	6.86	0.00
2012	Education	5	8	4	11.95	2.99	4.35	0.00
2012	Education	6	1	4	23.68	5.92	9.34	0.00
2012	Education	6	4	4	20.72	5.18	12.15	0.00
2012	Education	6	5	4	41.42	10.35	9.46	0.00
2012	Education	6	6	4	30.14	7.54	7.61	0.00
2012	Education	6	8	4	13.48	3.37	4.92	0.00
2012	Education	7	1	4	28.70	7.18	11.32	0.00
2012	Education	7	5	4	37.40	9.35	8.65	0.00
2012	Education	7	6	4	37.37	9.34	9.52	0.00
2012	Education	7	8	4	19.11	4.78	6.98	0.00
2012	Education	8	5	4	37.43	9.36	8.71	0.00
2012	Education	8	6	4	45.79	11.45	11.74	0.00
2012	Education	8	8	4	25.81	6.45	9.44	0.00
2012	Education	9	5	4	35.66	8.92	8.30	0.00
2012	Education	9	6	4	48.39	12.10	12.41	0.00
2012	Education	9	8	4	28.17	7.04	10.31	0.00
2012	Education	10	5	4	60.50	15.13	14.16	0.00
2012	Education	10	8	4	48.80	12.20	17.80	0.00
2012	Education	11	5	4	87.15	21.79	20.52	0.00
2012	Electoral turnout	1	1	1	3.60	3.60	5.55	0.05
2012	Electoral turnout	1	2	1	0.66	0.66	1.42	0.33
2012	Electoral turnout	1	3	1	8.19	8.19	12.59	0.00
2012	Electoral turnout	1	4	1	0.15	0.15	0.35	0.55
2012	Electoral turnout	1	5	1	0.72	0.72	0.62	0.48
2012	Electoral turnout	1	6	1	0.92	0.92	0.88	0.44
2012	Electoral turnout	1	7	1	3.67	3.67	4.42	0.07
2012	Electoral turnout	1	8	1	14.52	14.52	20.79	0.00
2012	Electoral turnout	1	9	1	2.14	2.14	2.95	0.14
2012	Electoral turnout	1	10	1	15.77	15.77	18.89	0.00
2012	Electoral turnout	2	1	1	2.61	2.61	4.02	0.13
2012	Electoral turnout	2	2	1	1.06	1.06	2.27	0.24
2012	Electoral turnout	2	3	1	6.24	6.24	9.59	0.01
2012	Electoral turnout	2	4	1	0.38	0.38	0.89	0.45
2012	Electoral turnout	2	5	1	0.19	0.19	0.16	0.69
2012	Electoral turnout	2	6	1	0.33	0.33	0.32	0.65
2012	Electoral turnout	2	7	1	2.41	2.41	2.90	0.20
2012	Electoral turnout	2	9	1	1.08	1.08	1.49	0.33
2012	Electoral turnout	2	10	1	12.53	12.53	14.99	0.00
2012	Electoral turnout	3	1	1	4.18	4.18	6.47	0.04
2012	Electoral turnout	3	2	1	0.50	0.50	1.07	0.34

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Electoral turnout	3	3	1	9.49	9.49	14.59	0.00
2012	Electoral turnout	3	4	1	0.08	0.08	0.19	0.67
2012	Electoral turnout	3	5	1	1.40	1.40	1.19	0.34
2012	Electoral turnout	3	6	1	1.61	1.61	1.55	0.34
2012	Electoral turnout	3	7	1	4.98	4.98	5.99	0.04
2012	Electoral turnout	3	9	1	3.05	3.05	4.20	0.08
2012	Electoral turnout	4	1	1	6.27	6.27	9.72	0.01
2012	Electoral turnout	4	2	1	0.11	0.11	0.24	0.73
2012	Electoral turnout	4	4	1	0.01	0.01	0.03	0.85
2012	Electoral turnout	4	5	1	3.17	3.17	2.70	0.14
2012	Electoral turnout	4	6	1	3.28	3.28	3.15	0.13
2012	Electoral turnout	4	7	1	7.41	7.41	8.91	0.01
2012	Electoral turnout	4	9	1	5.63	5.63	7.76	0.01
2012	Electoral turnout	5	2	1	0.01	0.01	0.03	0.87
2012	Electoral turnout	5	4	1	0.36	0.36	0.85	0.43
2012	Electoral turnout	5	5	1	5.71	5.71	4.86	0.04
2012	Electoral turnout	5	6	1	5.62	5.62	5.43	0.04
2012	Electoral turnout	5	7	1	10.19	10.19	12.24	0.00
2012	Electoral turnout	5	9	1	9.14	9.14	12.62	0.00
2012	Electoral turnout	6	2	1	0.30	0.30	0.66	0.42
2012	Electoral turnout	6	4	1	1.13	1.13	2.67	0.13
2012	Electoral turnout	6	5	1	10.54	10.54	8.97	0.00
2012	Electoral turnout	6	6	1	10.00	10.00	9.68	0.00
2012	Electoral turnout	6	7	1	15.60	15.60	18.72	0.00
2012	Electoral turnout	7	2	1	0.99	0.99	2.18	0.14
2012	Electoral turnout	7	4	1	2.34	2.34	5.56	0.02
2012	Electoral turnout	7	5	1	19.42	19.42	16.52	0.00
2012	Electoral turnout	7	6	1	18.21	18.21	17.63	0.00
2012	Electoral turnout	8	2	1	2.85	2.85	6.25	0.01
2012	Electoral turnout	8	4	1	5.07	5.07	12.05	0.00
2012	Electoral turnout	8	5	1	39.37	39.37	33.59	0.00
2012	Electoral turnout	9	2	1	7.46	7.46	16.22	0.00
2012	Electoral turnout	9	4	1	11.10	11.10	26.32	0.00
2012	Electoral turnout	10	2	1	12.55	12.55	27.20	0.00
2012	Gender	1	1	1	2.49	2.49	3.80	0.06
2012	Gender	1	2	1	0.08	0.08	0.16	0.69
2012	Gender	1	3	1	5.46	5.46	8.16	0.01
2012	Gender	1	4	1	2.31	2.31	5.26	0.04
2012	Gender	1	5	1	26.35	26.35	22.46	0.00
2012	Gender	1	6	1	27.05	27.05	25.84	0.00
2012	Gender	1	7	1	8.00	8.00	9.51	0.01
2012	Gender	1	8	1	1.48	1.48	2.11	0.16
2012	Gender	1	9	1	55.87	55.87	76.85	0.00
2012	Gender	1	10	1	3.50	3.50	4.14	0.06
2012	Gender	2	1	1	0.91	0.91	1.38	0.26
2012	Gender	2	2	1	0.60	0.60	1.30	0.26
2012	Gender	2	3	1	2.22	2.22	3.31	0.09
2012	Gender	2	4	1	4.23	4.23	9.55	0.00
2012	Gender	2	5	1	16.19	16.19	13.78	0.00
2012	Gender	2	6	1	17.48	17.48	16.67	0.00
2012	Gender	2	7	1	14.83	14.83	17.56	0.00
2012	Gender	2	8	1	5.05	5.05	7.19	0.01
2012	Gender	2	10	1	8.79	8.79	10.38	0.00
2012	Gender	3	1	1	0.48	0.48	0.73	0.39
2012	Gender	3	2	1	0.92	0.92	2.00	0.19
2012	Gender	3	3	1	1.28	1.28	1.91	0.19
2012	Gender	3	4	1	5.09	5.09	11.42	0.00
2012	Gender	3	5	1	11.33	11.33	9.64	0.00
2012	Gender	3	6	1	12.55	12.55	11.97	0.00
2012	Gender	3	8	1	7.48	7.48	10.63	0.00
2012	Gender	3	10	1	12.39	12.39	14.62	0.00
2012	Gender	4	1	1	0.16	0.16	0.25	0.62
2012	Gender	4	2	1	1.40	1.40	3.03	0.11
2012	Gender	4	3	1	0.54	0.54	0.81	0.43
2012	Gender	4	4	1	6.22	6.22	13.89	0.00
2012	Gender	4	5	1	7.82	7.82	6.65	0.02
2012	Gender	4	6	1	9.07	9.07	8.65	0.01
2012	Gender	4	8	1	10.45	10.45	14.83	0.00
2012	Gender	5	1	1	0.01	0.01	0.01	0.92
2012	Gender	5	2	1	2.08	2.08	4.48	0.06
2012	Gender	5	3	1	0.09	0.09	0.13	0.86
2012	Gender	5	4	1	7.68	7.68	17.05	0.00
2012	Gender	5	5	1	4.87	4.87	4.14	0.06
2012	Gender	5	6	1	6.10	6.10	5.81	0.05
2012	Gender	6	1	1	0.03	0.03	0.05	0.99
2012	Gender	6	2	1	2.82	2.82	6.05	0.07
2012	Gender	6	3	1	0.00	0.00	0.00	0.99
2012	Gender	6	5	1	3.39	3.39	2.88	0.15
2012	Gender	6	6	1	4.62	4.62	4.39	0.09
2012	Ideology	1	1	2	0.55	0.28	0.42	0.66
2012	Ideology	1	2	2	0.52	0.26	0.58	0.62
2012	Ideology	1	3	2	4.87	2.43	3.65	0.04
2012	Ideology	1	4	2	2.75	1.37	4.02	0.04
2012	Ideology	1	5	2	4.56	2.28	1.92	0.18
2012	Ideology	1	6	2	5.06	2.53	2.44	0.12
2012	Ideology	1	7	2	29.83	14.91	17.89	0.00
2012	Ideology	1	8	2	14.11	7.06	10.05	0.00
2012	Ideology	1	9	2	5.76	2.88	3.91	0.04
2012	Ideology	1	10	2	37.34	18.67	23.11	0.00
2012	Ideology	2	1	2	1.45	0.73	1.09	0.47
2012	Ideology	2	2	2	0.21	0.10	0.23	0.80
2012	Ideology	2	3	2	8.47	4.23	6.35	0.00
2012	Ideology	2	4	2	4.31	2.16	6.27	0.00
2012	Ideology	2	5	2	2.44	1.22	1.03	0.47
2012	Ideology	2	6	2	1.79	0.89	0.86	0.47

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Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Ideology	2	7	2	37.49	18.74	22.43	0.00
2012	Ideology	2	8	2	10.36	5.18	7.41	0.00
2012	Ideology	2	9	2	9.86	4.93	6.70	0.00
2012	Ideology	3	1	2	2.83	1.42	2.11	0.20
2012	Ideology	3	2	2	0.36	0.18	0.40	0.76
2012	Ideology	3	3	2	12.15	6.08	9.10	0.00
2012	Ideology	3	4	2	5.64	2.82	8.16	0.00
2012	Ideology	3	5	2	0.61	0.31	0.26	0.77
2012	Ideology	3	6	2	1.30	0.65	0.62	0.69
2012	Ideology	3	8	2	11.63	5.82	8.34	0.00
2012	Ideology	3	9	2	13.14	6.57	8.93	0.00
2012	Ideology	4	1	2	4.05	2.03	3.01	0.11
2012	Ideology	4	2	2	0.49	0.25	0.54	0.58
2012	Ideology	4	4	2	7.30	3.65	10.53	0.00
2012	Ideology	4	5	2	1.33	0.67	0.56	0.58
2012	Ideology	4	6	2	1.22	0.61	0.59	0.58
2012	Ideology	4	8	2	10.85	5.43	7.79	0.00
2012	Ideology	4	9	2	17.09	8.55	11.60	0.00
2012	Ideology	5	1	2	5.92	2.96	4.41	0.04
2012	Ideology	5	2	2	0.87	0.43	0.97	0.43
2012	Ideology	5	4	2	9.43	4.71	13.60	0.00
2012	Ideology	5	5	2	3.62	1.81	1.51	0.33
2012	Ideology	5	6	2	2.10	1.05	1.01	0.43
2012	Ideology	5	8	2	10.58	5.29	7.62	0.00
2012	Ideology	6	1	2	7.84	3.92	5.84	0.01
2012	Ideology	6	2	2	1.48	0.74	1.65	0.28
2012	Ideology	6	5	2	5.84	2.92	2.42	0.27
2012	Ideology	6	6	2	3.23	1.61	1.55	0.28
2012	Ideology	6	8	2	11.01	5.50	7.93	0.00
2012	Ideology	7	1	2	9.24	4.62	6.92	0.01
2012	Ideology	7	2	2	2.08	1.04	2.34	0.17
2012	Ideology	7	5	2	6.92	3.46	2.85	0.17
2012	Ideology	7	6	2	5.44	2.72	2.60	0.17
2012	Ideology	8	2	2	2.48	1.24	2.83	0.13
2012	Ideology	8	5	2	8.54	4.27	3.49	0.13
2012	Ideology	8	6	2	6.41	3.21	3.05	0.13
2012	Income	1	1	2	8.67	4.34	6.68	0.00
2012	Income	1	2	2	6.82	3.41	8.08	0.00
2012	Income	1	3	2	15.61	7.81	11.72	0.00
2012	Income	1	4	2	12.44	6.22	14.61	0.00
2012	Income	1	5	2	11.82	5.91	5.06	0.01
2012	Income	1	6	2	1.84	0.92	0.91	0.45
2012	Income	1	7	2	12.47	6.23	7.36	0.00
2012	Income	1	8	2	5.84	2.92	4.20	0.02
2012	Income	1	9	2	0.97	0.48	0.66	0.52
2012	Income	1	10	2	22.19	11.09	13.29	0.00
2012	Income	2	1	2	12.02	6.01	9.29	0.00
2012	Income	2	2	2	9.68	4.84	11.49	0.00
2012	Income	2	3	2	18.77	9.38	14.17	0.00
2012	Income	2	5	2	8.04	4.02	3.45	0.05
2012	Income	2	6	2	2.59	1.29	1.28	0.35
2012	Income	2	7	2	15.30	7.65	9.01	0.00
2012	Income	2	8	2	3.44	1.72	2.49	0.12
2012	Income	2	9	2	0.23	0.11	0.16	0.85
2012	Income	2	10	2	24.90	12.45	14.96	0.00
2012	Income	3	1	2	14.37	7.18	11.13	0.00
2012	Income	3	2	2	11.21	5.60	13.32	0.00
2012	Income	3	3	2	25.12	12.56	18.91	0.00
2012	Income	3	5	2	7.52	3.76	3.24	0.08
2012	Income	3	6	2	2.17	1.09	1.07	0.49
2012	Income	3	7	2	22.01	11.01	12.98	0.00
2012	Income	3	8	2	2.23	1.11	1.62	0.33
2012	Income	3	9	2	0.24	0.12	0.16	0.85
2012	Income	4	1	2	17.08	8.54	13.24	0.00
2012	Income	4	2	2	13.17	6.58	15.62	0.00
2012	Income	4	5	2	8.21	4.10	3.55	0.07
2012	Income	4	6	2	3.01	1.51	1.49	0.32
2012	Income	4	7	2	27.26	13.63	16.05	0.00
2012	Income	4	8	2	2.29	1.14	1.67	0.32
2012	Income	4	9	2	1.38	0.69	0.96	0.39
2012	Income	5	1	2	21.18	10.59	16.58	0.00
2012	Income	5	2	2	15.69	7.85	18.71	0.00
2012	Income	5	5	2	9.16	4.58	3.98	0.05
2012	Income	5	6	2	7.56	3.78	3.76	0.05
2012	Income	5	8	2	2.81	1.40	2.05	0.16
2012	Income	5	9	2	4.14	2.07	2.88	0.09
2012	Income	6	1	2	26.80	13.40	21.04	0.00
2012	Income	6	5	2	8.61	4.31	3.73	0.04
2012	Income	6	6	2	10.77	5.38	5.32	0.02
2012	Income	6	8	2	2.97	1.49	2.18	0.13
2012	Income	6	9	2	6.54	3.27	4.56	0.02
2012	Income	7	5	2	9.28	4.64	3.99	0.03
2012	Income	7	6	2	16.03	8.01	7.84	0.00
2012	Income	7	8	2	4.47	2.24	3.29	0.06
2012	Income	7	9	2	11.19	5.60	7.81	0.00
2012	Income	8	5	2	8.90	4.45	3.82	0.04
2012	Income	8	6	2	18.65	9.32	9.10	0.00
2012	Income	8	8	2	5.05	2.52	3.72	0.04
2012	Income	8	9	2	13.37	6.68	9.33	0.00
2012	Income	9	5	2	9.13	4.56	3.92	0.03
2012	Income	9	6	2	23.40	11.70	11.41	0.00
2012	Income	9	8	2	6.46	3.23	4.76	0.02
2012	Income	9	9	2	17.01	8.50	11.87	0.00
2012	Income	10	5	2	14.29	7.14	6.13	0.01
2012	Income	10	6	2	33.59	16.79	16.31	0.00

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Income	10	8	2	11.90	5.95	8.80	0.00
2012	Income	11	5	2	27.33	13.66	11.69	0.00
2012	Income	11	8	2	22.22	11.11	16.44	0.00
2012	Income	12	5	2	45.97	22.99	19.50	0.00
2012	Party ID	1	1	2	7.25	3.63	5.54	0.01
2012	Party ID	1	2	2	0.60	0.30	0.66	0.65
2012	Party ID	1	3	2	22.33	11.17	16.74	0.00
2012	Party ID	1	4	2	8.61	4.30	9.80	0.00
2012	Party ID	1	5	2	25.86	12.93	11.01	0.00
2012	Party ID	1	6	2	1.11	0.55	0.53	0.66
2012	Party ID	1	7	2	1.33	0.67	0.79	0.65
2012	Party ID	1	8	2	2.47	1.24	1.76	0.29
2012	Party ID	1	9	2	0.15	0.08	0.10	0.90
2012	Party ID	1	10	2	7.54	3.77	4.47	0.02
2012	Party ID	2	1	2	7.23	3.62	5.52	0.01
2012	Party ID	2	2	2	0.25	0.13	0.27	0.76
2012	Party ID	2	4	2	8.35	4.17	9.51	0.00
2012	Party ID	2	5	2	24.96	12.48	10.62	0.00
2012	Party ID	2	6	2	1.21	0.60	0.57	0.63
2012	Party ID	2	7	2	1.98	0.99	1.18	0.51
2012	Party ID	2	8	2	1.10	0.55	0.78	0.63
2012	Party ID	2	9	2	0.91	0.46	0.62	0.63
2012	Party ID	2	10	2	8.64	4.32	5.12	0.01
2012	Party ID	3	1	2	6.34	3.17	4.85	0.04
2012	Party ID	3	2	2	0.19	0.09	0.20	0.82
2012	Party ID	3	4	2	7.62	3.81	8.66	0.00
2012	Party ID	3	6	2	2.26	1.13	1.07	0.49
2012	Party ID	3	7	2	2.91	1.46	1.73	0.36
2012	Party ID	3	8	2	1.82	0.91	1.29	0.46
2012	Party ID	3	9	2	0.64	0.32	0.44	0.72
2012	Party ID	3	10	2	6.47	3.24	3.83	0.07
2012	Party ID	4	1	2	8.07	4.04	6.17	0.02
2012	Party ID	4	2	2	0.39	0.19	0.42	0.66
2012	Party ID	4	6	2	1.42	0.71	0.67	0.57
2012	Party ID	4	7	2	2.29	1.14	1.36	0.51
2012	Party ID	4	8	2	1.02	0.51	0.72	0.57
2012	Party ID	4	9	2	0.99	0.49	0.67	0.57
2012	Party ID	4	10	2	8.87	4.43	5.24	0.03
2012	Party ID	5	2	2	0.71	0.36	0.77	0.66
2012	Party ID	5	6	2	0.89	0.45	0.42	0.68
2012	Party ID	5	7	2	1.88	0.94	1.13	0.66
2012	Party ID	5	8	2	0.54	0.27	0.39	0.68
2012	Party ID	5	9	2	1.58	0.79	1.08	0.66
2012	Party ID	5	10	2	11.36	5.68	6.71	0.01
2012	Party ID	6	2	2	1.22	0.61	1.32	0.79
2012	Party ID	6	6	2	0.52	0.26	0.25	0.79
2012	Party ID	6	7	2	1.53	0.76	0.92	0.79
2012	Party ID	6	8	2	0.33	0.17	0.24	0.79
2012	Party ID	6	9	2	3.16	1.58	2.16	0.79
2012	Pres. vote choice	1	1	1	1.92	1.92	3.04	0.20
2012	Pres. vote choice	1	2	1	0.81	0.81	1.78	0.31
2012	Pres. vote choice	1	3	1	1.02	1.02	1.77	0.31
2012	Pres. vote choice	1	4	1	8.04	8.04	18.86	0.00
2012	Pres. vote choice	1	5	1	10.56	10.56	9.98	0.01
2012	Pres. vote choice	1	6	1	0.01	0.01	0.01	0.92
2012	Pres. vote choice	1	7	1	5.99	5.99	7.44	0.02
2012	Pres. vote choice	1	8	1	0.25	0.25	0.38	0.67
2012	Pres. vote choice	1	9	1	0.18	0.18	0.27	0.67
2012	Pres. vote choice	1	10	1	0.69	0.69	0.90	0.49
2012	Pres. vote choice	2	1	1	2.93	2.93	4.70	0.09
2012	Pres. vote choice	2	2	1	1.44	1.44	3.22	0.16
2012	Pres. vote choice	2	3	1	0.41	0.41	0.71	0.51
2012	Pres. vote choice	2	5	1	8.13	8.13	7.75	0.05
2012	Pres. vote choice	2	6	1	0.06	0.06	0.07	0.87
2012	Pres. vote choice	2	7	1	4.62	4.62	5.79	0.07
2012	Pres. vote choice	2	8	1	0.02	0.02	0.03	0.87
2012	Pres. vote choice	2	9	1	0.70	0.70	1.05	0.46
2012	Pres. vote choice	2	10	1	1.59	1.59	2.08	0.27
2012	Pres. vote choice	3	1	1	2.53	2.53	4.02	0.18
2012	Pres. vote choice	3	2	1	1.23	1.23	2.71	0.27
2012	Pres. vote choice	3	3	1	0.66	0.66	1.15	0.45
2012	Pres. vote choice	3	6	1	0.01	0.01	0.01	0.94
2012	Pres. vote choice	3	7	1	6.13	6.13	7.64	0.05
2012	Pres. vote choice	3	8	1	0.14	0.14	0.22	0.73
2012	Pres. vote choice	3	9	1	0.34	0.34	0.51	0.63
2012	Pres. vote choice	3	10	1	0.97	0.97	1.26	0.45
2012	Pres. vote choice	4	1	1	2.08	2.08	3.35	0.43
2012	Pres. vote choice	4	2	1	1.01	1.01	2.24	0.43
2012	Pres. vote choice	4	3	1	1.00	1.00	1.77	0.43
2012	Pres. vote choice	4	6	1	0.19	0.19	0.21	0.70
2012	Pres. vote choice	4	8	1	0.41	0.41	0.63	0.61
2012	Pres. vote choice	4	9	1	0.10	0.10	0.15	0.70
2012	Pres. vote choice	4	10	1	0.47	0.47	0.61	0.61
2012	Race/ethnicity	1	1	3	11.09	3.70	5.63	0.00
2012	Race/ethnicity	1	2	3	5.35	1.78	3.88	0.01
2012	Race/ethnicity	1	3	3	198.35	66.12	103.77	0.00
2012	Race/ethnicity	1	4	3	11.10	3.70	8.42	0.00
2012	Race/ethnicity	1	5	3	26.47	8.82	7.51	0.00
2012	Race/ethnicity	1	6	3	10.01	3.34	3.17	0.03
2012	Race/ethnicity	1	7	3	5.24	1.75	2.07	0.10
2012	Race/ethnicity	1	8	3	33.60	11.20	16.07	0.00
2012	Race/ethnicity	1	9	3	19.55	6.52	8.90	0.00
2012	Race/ethnicity	1	10	3	5.30	1.77	2.09	0.10
2012	Race/ethnicity	2	1	3	20.21	6.74	10.13	0.00

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Race/ethnicity	2	2	3	7.35	2.45	5.27	0.00
2012	Race/ethnicity	2	4	3	7.44	2.48	5.63	0.00
2012	Race/ethnicity	2	5	3	15.99	5.33	4.48	0.01
2012	Race/ethnicity	2	6	3	10.33	3.44	3.25	0.03
2012	Race/ethnicity	2	7	3	2.47	0.82	0.97	0.45
2012	Race/ethnicity	2	8	3	20.33	6.78	9.71	0.00
2012	Race/ethnicity	2	9	3	25.20	8.40	11.37	0.00
2012	Race/ethnicity	2	10	3	2.86	0.95	1.12	0.42
2012	Race/ethnicity	3	1	3	23.28	7.76	11.73	0.00
2012	Race/ethnicity	3	2	3	9.72	3.24	6.96	0.00
2012	Race/ethnicity	3	4	3	10.32	3.44	7.83	0.00
2012	Race/ethnicity	3	5	3	10.23	3.41	2.88	0.07
2012	Race/ethnicity	3	6	3	8.75	2.92	2.77	0.07
2012	Race/ethnicity	3	7	3	3.17	1.06	1.25	0.32
2012	Race/ethnicity	3	8	3	24.83	8.28	11.89	0.00
2012	Race/ethnicity	3	10	3	5.78	1.93	2.27	0.10
2012	Race/ethnicity	4	1	3	22.64	7.55	11.49	0.00
2012	Race/ethnicity	4	2	3	10.70	3.57	7.69	0.00
2012	Race/ethnicity	4	4	3	13.70	4.57	10.40	0.00
2012	Race/ethnicity	4	5	3	9.45	3.15	2.68	0.10
2012	Race/ethnicity	4	6	3	6.81	2.27	2.16	0.17
2012	Race/ethnicity	4	7	3	4.90	1.63	1.94	0.19
2012	Race/ethnicity	4	10	3	9.91	3.30	3.90	0.02
2012	Race/ethnicity	5	2	3	13.42	4.47	9.59	0.00
2012	Race/ethnicity	5	4	3	14.39	4.80	10.89	0.00
2012	Race/ethnicity	5	5	3	6.68	2.23	1.89	0.20
2012	Race/ethnicity	5	6	3	8.29	2.76	2.63	0.13
2012	Race/ethnicity	5	7	3	5.33	1.78	2.11	0.18
2012	Race/ethnicity	5	10	3	10.94	3.65	4.31	0.02
2012	Race/ethnicity	6	2	3	17.70	5.90	12.61	0.00
2012	Race/ethnicity	6	5	3	5.66	1.89	1.62	0.22
2012	Race/ethnicity	6	6	3	8.68	2.89	2.77	0.11
2012	Race/ethnicity	6	7	3	7.83	2.61	3.10	0.09
2012	Race/ethnicity	6	10	3	16.32	5.44	6.45	0.00
2012	Race/ethnicity	7	5	3	6.74	2.25	1.93	0.18
2012	Race/ethnicity	7	6	3	11.38	3.79	3.61	0.05
2012	Race/ethnicity	7	7	3	10.85	3.62	4.28	0.03
2012	Race/ethnicity	7	10	3	21.38	7.13	8.48	0.00
2012	Race/ethnicity	8	5	3	8.50	2.83	2.45	0.10
2012	Race/ethnicity	8	6	3	15.67	5.22	4.99	0.01
2012	Race/ethnicity	8	7	3	17.66	5.89	6.98	0.00
2012	Race/ethnicity	9	5	3	13.20	4.40	3.81	0.03
2012	Race/ethnicity	9	6	3	23.37	7.79	7.46	0.00
2012	Race/ethnicity	10	5	3	22.49	7.50	6.51	0.00
2012	Race/ethnicity	11	5	3	26.99	9.00	7.81	0.00
2012	Race/ethnicity	12	5	3	40.08	13.36	11.66	0.00
2012	Survey mode	1	1	1	24.77	24.77	38.04	0.00
2012	Survey mode	1	2	1	0.06	0.06	0.13	0.85
2012	Survey mode	1	3	1	0.00	0.00	0.00	0.98
2012	Survey mode	1	4	1	1.82	1.82	4.15	0.10
2012	Survey mode	1	5	1	0.10	0.10	0.09	0.85
2012	Survey mode	1	6	1	2.55	2.55	2.42	0.24
2012	Survey mode	1	7	1	0.97	0.97	1.15	0.47
2012	Survey mode	1	8	1	0.11	0.11	0.16	0.85
2012	Survey mode	1	9	1	24.62	24.62	33.62	0.00
2012	Survey mode	1	10	1	8.83	8.83	10.47	0.00
2012	Survey mode	2	2	1	0.32	0.32	0.70	0.52
2012	Survey mode	2	3	1	0.14	0.14	0.21	0.64
2012	Survey mode	2	4	1	2.90	2.90	6.59	0.03
2012	Survey mode	2	5	1	0.54	0.54	0.46	0.56
2012	Survey mode	2	6	1	3.77	3.77	3.58	0.13
2012	Survey mode	2	7	1	1.70	1.70	2.03	0.28
2012	Survey mode	2	8	1	0.54	0.54	0.76	0.52
2012	Survey mode	2	9	1	28.99	28.99	39.53	0.00
2012	Survey mode	2	10	1	6.43	6.43	7.65	0.03
2012	Survey mode	3	2	1	1.03	1.03	2.25	0.15
2012	Survey mode	3	3	1	1.25	1.25	1.87	0.17
2012	Survey mode	3	4	1	4.80	4.80	10.89	0.01
2012	Survey mode	3	5	1	2.87	2.87	2.44	0.15
2012	Survey mode	3	6	1	7.86	7.86	7.49	0.02
2012	Survey mode	3	7	1	4.74	4.74	5.67	0.05
2012	Survey mode	3	8	1	2.62	2.62	3.74	0.11
2012	Survey mode	3	10	1	2.50	2.50	2.98	0.13
2012	Survey mode	4	2	1	1.48	1.48	3.22	0.10
2012	Survey mode	4	3	1	1.85	1.85	2.77	0.11
2012	Survey mode	4	5	1	3.79	3.79	3.22	0.10
2012	Survey mode	4	6	1	9.09	9.09	8.66	0.02
2012	Survey mode	4	7	1	5.63	5.63	6.76	0.03
2012	Survey mode	4	8	1	3.45	3.45	4.93	0.06
2012	Survey mode	4	10	1	1.73	1.73	2.07	0.15
2012	Survey mode	5	2	1	2.04	2.04	4.46	0.04
2012	Survey mode	5	3	1	3.01	3.01	4.53	0.04
2012	Survey mode	5	5	1	6.95	6.95	5.92	0.03
2012	Survey mode	5	7	1	9.19	9.19	11.04	0.01
2012	Survey mode	5	8	1	5.56	5.56	7.96	0.01
2012	Survey mode	5	10	1	0.54	0.54	0.64	0.42
2012	Survey mode	6	2	1	3.06	3.06	6.66	0.01
2012	Survey mode	6	3	1	5.25	5.25	7.93	0.01
2012	Survey mode	6	5	1	12.98	12.98	11.07	0.00
2012	Survey mode	6	8	1	9.51	9.51	13.65	0.00
2012	Survey mode	6	10	1	0.01	0.01	0.01	0.91
2012	Survey mode	7	2	1	4.79	4.79	10.41	0.00

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2012	Survey mode	7	3	1	9.00	9.00	13.61	0.00
2012	Survey mode	7	5	1	20.67	20.67	17.64	0.00
2012	Survey mode	7	10	1	1.05	1.05	1.26	0.26
2012	Survey mode	8	2	1	7.41	7.41	15.99	0.00
2012	Survey mode	8	3	1	15.33	15.33	23.25	0.00
2012	Survey mode	8	10	1	5.64	5.64	6.78	0.01
2012	Survey mode	9	2	1	12.05	12.05	25.73	0.00
2012	Survey mode	9	10	1	14.07	14.07	16.95	0.00
2012	Survey mode	10	10	1	22.17	22.17	26.73	0.00
2016	Age	1	1	2	8.89	4.45	8.86	0.00
2016	Age	1	2	2	0.13	0.07	0.13	0.88
2016	Age	1	3	2	0.81	0.41	0.63	0.60
2016	Age	1	4	2	0.52	0.26	0.62	0.60
2016	Age	1	5	2	11.27	5.63	4.32	0.03
2016	Age	1	6	2	15.86	7.93	8.61	0.00
2016	Age	1	7	2	85.71	42.85	49.63	0.00
2016	Age	1	8	2	1.14	0.57	0.79	0.60
2016	Age	1	9	2	97.52	48.76	70.24	0.00
2016	Age	1	10	2	3.20	1.60	1.81	0.27
2016	Age	2	1	2	14.73	7.36	14.49	0.00
2016	Age	2	2	2	0.16	0.08	0.16	0.85
2016	Age	2	3	2	3.41	1.71	2.66	0.10
2016	Age	2	4	2	0.88	0.44	1.06	0.43
2016	Age	2	5	2	23.22	11.61	8.88	0.00
2016	Age	2	6	2	19.54	9.77	10.62	0.00
2016	Age	2	7	2	64.88	32.44	37.91	0.00
2016	Age	2	8	2	4.77	2.39	3.31	0.06
2016	Age	2	10	2	0.44	0.22	0.25	0.85
2016	Age	3	1	2	11.38	5.69	11.21	0.00
2016	Age	3	2	2	0.00	0.00	0.00	1.00
2016	Age	3	3	2	1.34	0.67	1.03	0.40
2016	Age	3	4	2	1.04	0.52	1.24	0.40
2016	Age	3	5	2	12.12	6.06	4.59	0.03
2016	Age	3	6	2	9.32	4.66	5.03	0.03
2016	Age	3	8	2	1.56	0.78	1.08	0.40
2016	Age	3	10	2	3.28	1.64	1.84	0.29
2016	Age	4	2	2	0.15	0.08	0.15	0.86
2016	Age	4	3	2	2.68	1.34	2.07	0.27
2016	Age	4	4	2	1.44	0.72	1.71	0.27
2016	Age	4	5	2	16.26	8.13	6.17	0.02
2016	Age	4	6	2	10.34	5.17	5.60	0.02
2016	Age	4	8	2	3.17	1.59	2.21	0.27
2016	Age	4	10	2	2.45	1.22	1.38	0.32
2016	Age	5	2	2	0.47	0.24	0.48	0.62
2016	Age	5	3	2	5.02	2.51	3.88	0.06
2016	Age	5	4	2	2.02	1.01	2.40	0.20
2016	Age	5	6	2	14.63	7.31	7.96	0.00
2016	Age	5	8	2	6.70	3.35	4.67	0.04
2016	Age	5	10	2	2.27	1.13	1.28	0.42
2016	Age	6	2	2	0.74	0.37	0.75	0.48
2016	Age	6	3	2	6.80	3.40	5.25	0.02
2016	Age	6	4	2	1.99	0.99	2.37	0.21
2016	Age	6	8	2	9.43	4.72	6.54	0.01
2016	Age	6	10	2	1.30	0.65	0.73	0.48
2016	Age	7	2	2	1.37	0.68	1.39	0.31
2016	Age	7	3	2	9.96	4.98	7.67	0.00
2016	Age	7	4	2	2.98	1.49	3.55	0.09
2016	Age	7	10	2	3.07	1.53	1.73	0.27
2016	Age	8	2	2	2.46	1.23	2.51	0.15
2016	Age	8	4	2	4.64	2.32	5.50	0.04
2016	Age	8	10	2	6.18	3.09	3.48	0.07
2016	Age	9	2	2	3.64	1.82	3.71	0.06
2016	Age	9	10	2	9.24	4.62	5.21	0.05
2016	Age	10	2	2	4.61	2.31	4.72	0.04
2016	Age	10	10	2	13.74	6.87	7.73	0.00
2016	Age	11	2	2	7.62	3.81	7.71	0.00
2016	Education	1	1	4	9.86	2.46	4.98	0.00
2016	Education	1	2	4	2.68	0.67	1.41	0.23
2016	Education	1	3	4	22.75	5.69	9.06	0.00
2016	Education	1	4	4	13.84	3.46	8.42	0.00
2016	Education	1	5	4	36.38	9.10	7.08	0.00
2016	Education	1	6	4	5.81	1.45	1.57	0.20
2016	Education	1	7	4	24.12	6.03	6.88	0.00
2016	Education	1	8	4	15.33	3.83	5.37	0.00
2016	Education	1	9	4	7.62	1.90	2.67	0.04
2016	Education	1	10	4	41.35	10.34	11.89	0.00
2016	Education	2	1	4	11.60	2.90	5.91	0.00
2016	Education	2	2	4	2.25	0.56	1.19	0.38
2016	Education	2	3	4	28.41	7.10	11.31	0.00
2016	Education	2	4	4	16.14	4.04	9.77	0.00
2016	Education	2	5	4	39.96	9.99	7.86	0.00
2016	Education	2	6	4	9.06	2.27	2.47	0.06
2016	Education	2	7	4	34.38	8.59	9.86	0.00
2016	Education	2	8	4	9.37	2.34	3.32	0.02
2016	Education	2	9	4	7.90	1.97	2.79	0.04
2016	Education	3	1	4	15.59	3.90	7.95	0.00
2016	Education	3	2	4	2.53	0.63	1.35	0.30
2016	Education	3	4	4	20.07	5.02	12.07	0.00
2016	Education	3	5	4	37.77	9.44	7.48	0.00
2016	Education	3	6	4	10.31	2.58	2.82	0.04
2016	Education	3	7	4	39.68	9.92	11.43	0.00
2016	Education	3	8	4	6.04	1.51	2.15	0.11
2016	Education	3	9	4	7.83	1.96	2.78	0.04
2016	Education	4	1	4	19.99	5.00	10.18	0.00

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Education	4	2	4	3.34	0.84	1.79	0.18
2016	Education	4	5	4	36.05	9.01	7.14	0.00
2016	Education	4	6	4	11.67	2.92	3.20	0.03
2016	Education	4	7	4	43.72	10.93	12.65	0.00
2016	Education	4	8	4	4.36	1.09	1.56	0.24
2016	Education	4	9	4	8.51	2.13	3.02	0.03
2016	Education	5	1	4	22.97	5.74	11.74	0.00
2016	Education	5	2	4	3.43	0.86	1.83	0.22
2016	Education	5	5	4	48.45	12.11	9.66	0.00
2016	Education	5	6	4	21.08	5.27	5.82	0.00
2016	Education	5	8	4	1.52	0.38	0.55	0.70
2016	Education	5	9	4	14.12	3.53	5.03	0.00
2016	Education	6	2	4	5.44	1.36	2.89	0.05
2016	Education	6	5	4	50.62	12.65	10.08	0.00
2016	Education	6	6	4	25.82	6.46	7.12	0.00
2016	Education	6	8	4	1.74	0.43	0.63	0.64
2016	Education	6	9	4	17.86	4.47	6.35	0.00
2016	Education	7	2	4	5.55	1.39	2.90	0.06
2016	Education	7	6	4	39.60	9.90	10.92	0.00
2016	Education	7	8	4	1.28	0.32	0.47	0.76
2016	Education	7	9	4	26.12	6.53	9.27	0.00
2016	Education	8	2	4	6.95	1.74	3.56	0.03
2016	Education	8	8	4	4.32	1.08	1.57	0.28
2016	Education	8	9	4	41.32	10.33	14.61	0.00
2016	Education	9	2	4	9.21	2.30	4.63	0.00
2016	Education	9	8	4	11.66	2.91	4.25	0.01
2016	Education	10	2	4	9.26	2.32	4.67	0.01
2016	Education	10	8	4	12.56	3.14	4.59	0.01
2016	Education	11	2	4	9.38	2.34	4.73	0.00
2016	Education	11	8	4	13.94	3.48	5.09	0.00
2016	Education	12	2	4	10.89	2.72	5.50	0.00
2016	Education	12	8	4	19.34	4.84	7.07	0.00
2016	Education	13	2	4	11.20	2.80	5.65	0.00
2016	Education	13	8	4	21.32	5.33	7.79	0.00
2016	Education	14	2	4	11.58	2.89	5.84	0.00
2016	Education	14	8	4	23.28	5.82	8.54	0.00
2016	Education	15	2	4	16.38	4.10	8.07	0.00
2016	Education	16	2	4	17.92	4.48	8.77	0.00
2016	Electoral turnout	1	1	1	3.10	3.10	6.82	0.03
2016	Electoral turnout	1	2	1	0.00	0.00	0.00	0.96
2016	Electoral turnout	1	3	1	2.34	2.34	3.90	0.08
2016	Electoral turnout	1	4	1	0.76	0.76	1.96	0.20
2016	Electoral turnout	1	5	1	19.14	19.14	15.48	0.00
2016	Electoral turnout	1	6	1	4.56	4.56	5.14	0.05
2016	Electoral turnout	1	7	1	0.16	0.16	0.19	0.74
2016	Electoral turnout	1	8	1	1.44	1.44	2.07	0.20
2016	Electoral turnout	1	9	1	10.58	10.58	15.89	0.00
2016	Electoral turnout	1	10	1	5.32	5.32	6.19	0.03
2016	Electoral turnout	2	1	1	4.37	4.37	9.58	0.01
2016	Electoral turnout	2	2	1	0.06	0.06	0.13	0.81
2016	Electoral turnout	2	3	1	3.73	3.73	6.22	0.02
2016	Electoral turnout	2	4	1	1.28	1.28	3.31	0.10
2016	Electoral turnout	2	5	1	14.33	14.33	11.60	0.01
2016	Electoral turnout	2	6	1	6.84	6.84	7.70	0.01
2016	Electoral turnout	2	7	1	0.01	0.01	0.01	0.90
2016	Electoral turnout	2	8	1	0.50	0.50	0.72	0.51
2016	Electoral turnout	2	10	1	8.14	8.14	9.47	0.01
2016	Electoral turnout	3	1	1	3.84	3.84	8.36	0.02
2016	Electoral turnout	3	2	1	0.03	0.03	0.06	0.85
2016	Electoral turnout	3	3	1	3.06	3.06	5.09	0.05
2016	Electoral turnout	3	4	1	1.07	1.07	2.74	0.16
2016	Electoral turnout	3	6	1	5.50	5.50	6.15	0.04
2016	Electoral turnout	3	7	1	0.03	0.03	0.04	0.85
2016	Electoral turnout	3	8	1	0.90	0.90	1.30	0.34
2016	Electoral turnout	3	10	1	6.59	6.59	7.65	0.02
2016	Electoral turnout	4	2	1	0.18	0.18	0.39	0.62
2016	Electoral turnout	4	3	1	4.41	4.41	7.36	0.02
2016	Electoral turnout	4	4	1	1.79	1.79	4.63	0.06
2016	Electoral turnout	4	6	1	6.89	6.89	7.68	0.02
2016	Electoral turnout	4	7	1	0.02	0.02	0.02	0.88
2016	Electoral turnout	4	8	1	0.32	0.32	0.46	0.62
2016	Electoral turnout	4	10	1	8.78	8.78	10.18	0.01
2016	Electoral turnout	5	2	1	0.48	0.48	1.04	0.46
2016	Electoral turnout	5	3	1	6.72	6.72	11.30	0.00
2016	Electoral turnout	5	4	1	2.77	2.77	7.23	0.01
2016	Electoral turnout	5	6	1	10.27	10.27	11.42	0.00
2016	Electoral turnout	5	7	1	0.58	0.58	0.66	0.50
2016	Electoral turnout	5	8	1	0.00	0.00	0.00	0.96
2016	Electoral turnout	6	2	1	0.86	0.86	1.85	0.22
2016	Electoral turnout	6	3	1	9.32	9.32	15.78	0.00
2016	Electoral turnout	6	4	1	3.81	3.81	9.95	0.00
2016	Electoral turnout	6	7	1	2.25	2.25	2.58	0.18
2016	Electoral turnout	6	8	1	0.40	0.40	0.58	0.45
2016	Electoral turnout	7	2	1	1.93	1.93	4.20	0.05
2016	Electoral turnout	7	4	1	6.31	6.31	16.51	0.00
2016	Electoral turnout	7	7	1	5.14	5.14	5.86	0.03
2016	Electoral turnout	7	8	1	2.10	2.10	3.07	0.08
2016	Electoral turnout	8	2	1	3.49	3.49	7.69	0.01
2016	Electoral turnout	8	7	1	8.32	8.32	9.42	0.01
2016	Electoral turnout	8	8	1	4.65	4.65	6.82	0.01
2016	Electoral turnout	9	2	1	5.09	5.09	11.32	0.00
2016	Electoral turnout	9	8	1	9.21	9.21	13.56	0.00
2016	Electoral turnout	10	2	1	8.68	8.68	19.39	0.00
2016	Gender	1	1	1	3.98	3.98	8.00	0.02
2016	Gender	1	2	1	0.58	0.58	1.18	0.46

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Gender	1	3	1	0.14	0.14	0.23	0.67
2016	Gender	1	4	1	0.68	0.68	1.62	0.41
2016	Gender	1	5	1	0.23	0.23	0.18	0.67
2016	Gender	1	6	1	2.82	2.82	3.05	0.27
2016	Gender	1	7	1	0.57	0.57	0.64	0.53
2016	Gender	1	8	1	1.70	1.70	2.37	0.31
2016	Gender	1	9	1	9.23	9.23	12.93	0.00
2016	Gender	1	10	1	0.80	0.80	0.92	0.48
2016	Gender	2	1	1	2.96	2.96	5.97	0.13
2016	Gender	2	2	1	0.32	0.32	0.66	0.47
2016	Gender	2	3	1	0.54	0.54	0.87	0.45
2016	Gender	2	4	1	1.10	1.10	2.62	0.38
2016	Gender	2	5	1	0.00	0.00	0.00	0.98
2016	Gender	2	6	1	1.43	1.43	1.55	0.38
2016	Gender	2	7	1	1.55	1.55	1.75	0.38
2016	Gender	2	8	1	0.72	0.72	1.01	0.45
2016	Gender	2	10	1	1.92	1.92	2.19	0.38
2016	Ideology	1	1	2	1.57	0.79	1.97	0.20
2016	Ideology	1	2	2	0.79	0.40	1.11	0.41
2016	Ideology	1	3	2	4.83	2.41	4.16	0.04
2016	Ideology	1	4	2	0.21	0.10	0.33	0.80
2016	Ideology	1	5	2	4.92	2.46	2.34	0.16
2016	Ideology	1	6	2	6.41	3.20	3.98	0.04
2016	Ideology	1	7	2	35.54	17.77	20.84	0.00
2016	Ideology	1	8	2	0.15	0.07	0.12	0.89
2016	Ideology	1	9	2	4.93	2.47	3.93	0.04
2016	Ideology	1	10	2	7.19	3.59	4.80	0.04
2016	Ideology	2	1	2	0.89	0.44	1.12	0.41
2016	Ideology	2	2	2	0.89	0.44	1.25	0.41
2016	Ideology	2	3	2	4.75	2.38	4.13	0.05
2016	Ideology	2	4	2	0.04	0.02	0.07	0.94
2016	Ideology	2	5	2	4.94	2.47	2.35	0.24
2016	Ideology	2	6	2	13.19	6.60	8.19	0.00
2016	Ideology	2	8	2	1.37	0.69	1.12	0.41
2016	Ideology	2	9	2	2.56	1.28	2.05	0.26
2016	Ideology	2	10	2	10.40	5.20	6.96	0.00
2016	Ideology	3	1	2	0.59	0.30	0.75	0.59
2016	Ideology	3	2	2	1.04	0.52	1.44	0.40
2016	Ideology	3	3	2	5.11	2.56	4.44	0.06
2016	Ideology	3	4	2	0.04	0.02	0.07	0.94
2016	Ideology	3	5	2	6.89	3.45	3.26	0.13
2016	Ideology	3	8	2	3.09	1.55	2.53	0.20
2016	Ideology	3	9	2	1.77	0.88	1.42	0.40
2016	Ideology	3	10	2	13.77	6.89	9.18	0.00
2016	Ideology	4	1	2	0.25	0.13	0.32	0.74
2016	Ideology	4	2	2	0.85	0.42	1.17	0.52
2016	Ideology	4	3	2	6.92	3.46	6.05	0.02
2016	Ideology	4	4	2	0.20	0.10	0.31	0.74
2016	Ideology	4	5	2	5.84	2.92	2.73	0.16
2016	Ideology	4	8	2	4.21	2.10	3.47	0.10
2016	Ideology	4	9	2	3.02	1.51	2.43	0.18
2016	Ideology	5	1	2	0.06	0.03	0.08	0.99
2016	Ideology	5	2	2	0.72	0.36	1.01	0.64
2016	Ideology	5	4	2	0.46	0.23	0.73	0.69
2016	Ideology	5	5	2	5.50	2.75	2.55	0.20
2016	Ideology	5	8	2	5.42	2.71	4.48	0.11
2016	Ideology	5	9	2	4.29	2.14	3.45	0.11
2016	Income	1	1	2	9.62	4.81	9.69	0.00
2016	Income	1	2	2	0.00	0.00	0.00	1.00
2016	Income	1	3	2	12.83	6.42	9.98	0.00
2016	Income	1	4	2	13.31	6.65	16.53	0.00
2016	Income	1	5	2	23.59	11.79	9.13	0.00
2016	Income	1	6	2	4.03	2.02	2.16	0.16
2016	Income	1	7	2	1.58	0.79	0.89	0.50
2016	Income	1	8	2	7.42	3.71	5.14	0.01
2016	Income	1	9	2	1.14	0.57	0.79	0.50
2016	Income	1	10	2	4.23	2.12	2.40	0.15
2016	Income	2	1	2	12.23	6.12	12.34	0.00
2016	Income	2	2	2	0.24	0.12	0.25	0.78
2016	Income	2	3	2	16.57	8.28	12.91	0.00
2016	Income	2	5	2	18.69	9.34	7.35	0.00
2016	Income	2	6	2	3.19	1.60	1.72	0.22
2016	Income	2	7	2	1.94	0.97	1.11	0.37
2016	Income	2	8	2	7.03	3.52	4.90	0.02
2016	Income	2	9	2	2.58	1.29	1.80	0.22
2016	Income	2	10	2	7.12	3.56	4.05	0.03
2016	Income	3	1	2	15.47	7.74	15.61	0.00
2016	Income	3	2	2	0.81	0.40	0.82	0.44
2016	Income	3	5	2	14.48	7.24	5.76	0.01
2016	Income	3	6	2	2.74	1.37	1.48	0.25
2016	Income	3	7	2	2.92	1.46	1.68	0.23
2016	Income	3	8	2	7.29	3.64	5.10	0.02
2016	Income	3	9	2	4.97	2.48	3.50	0.06
2016	Income	3	10	2	11.09	5.55	6.33	0.01
2016	Income	4	2	2	1.88	0.94	1.90	0.15
2016	Income	4	5	2	12.48	6.24	5.02	0.02
2016	Income	4	6	2	3.63	1.81	1.97	0.15
2016	Income	4	7	2	5.03	2.52	2.95	0.07
2016	Income	4	8	2	6.96	3.48	4.90	0.02
2016	Income	4	9	2	8.26	4.13	5.86	0.01
2016	Income	4	10	2	15.86	7.93	9.11	0.00
2016	Income	5	2	2	3.34	1.67	3.37	0.05
2016	Income	5	5	2	9.57	4.78	3.88	0.04
2016	Income	5	6	2	5.02	2.51	2.75	0.07
2016	Income	5	7	2	8.71	4.36	5.13	0.02

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Income	5	8	2	9.59	4.79	6.77	0.01
2016	Income	5	9	2	14.21	7.10	10.10	0.00
2016	Income	6	2	2	5.15	2.57	5.17	0.02
2016	Income	6	5	2	8.51	4.26	3.48	0.05
2016	Income	6	6	2	7.74	3.87	4.25	0.03
2016	Income	6	7	2	13.67	6.83	8.09	0.00
2016	Income	6	8	2	13.52	6.76	9.57	0.00
2016	Income	7	2	2	5.93	2.96	5.93	0.01
2016	Income	7	5	2	6.21	3.10	2.54	0.12
2016	Income	7	6	2	7.40	3.70	4.06	0.05
2016	Income	7	7	2	14.39	7.19	8.51	0.00
2016	Income	8	2	2	8.47	4.23	8.42	0.00
2016	Income	8	5	2	7.92	3.96	3.26	0.09
2016	Income	8	6	2	13.56	6.78	7.47	0.00
2016	Income	9	2	2	11.40	5.70	11.27	0.00
2016	Income	9	5	2	12.27	6.13	5.07	0.02
2016	Income	9	6	2	20.36	10.18	11.23	0.00
2016	Income	10	5	2	17.01	8.51	7.06	0.00
2016	Income	10	6	2	26.36	13.18	14.47	0.00
2016	Income	11	5	2	32.57	16.28	13.54	0.00
2016	Party ID	1	1	2	3.34	1.67	3.40	0.06
2016	Party ID	1	2	2	1.47	0.73	1.55	0.24
2016	Party ID	1	3	2	4.35	2.18	3.43	0.06
2016	Party ID	1	4	2	4.90	2.45	5.91	0.01
2016	Party ID	1	5	2	8.41	4.21	3.46	0.06
2016	Party ID	1	6	2	1.91	0.96	1.04	0.36
2016	Party ID	1	7	2	11.22	5.61	6.50	0.01
2016	Party ID	1	8	2	4.08	2.04	2.85	0.08
2016	Party ID	1	9	2	3.64	1.82	2.56	0.10
2016	Party ID	1	10	2	12.16	6.08	6.98	0.01
2016	Party ID	2	1	2	3.39	1.70	3.45	0.08
2016	Party ID	2	2	2	1.09	0.54	1.15	0.35
2016	Party ID	2	3	2	3.33	1.66	2.63	0.14
2016	Party ID	2	4	2	6.14	3.07	7.39	0.00
2016	Party ID	2	5	2	9.11	4.55	3.75	0.08
2016	Party ID	2	6	2	1.58	0.79	0.85	0.43
2016	Party ID	2	7	2	13.48	6.74	7.81	0.00
2016	Party ID	2	8	2	3.10	1.55	2.17	0.16
2016	Party ID	2	9	2	2.57	1.28	1.81	0.21
2016	Party ID	3	1	2	2.71	1.35	2.75	0.16
2016	Party ID	3	2	2	1.16	0.58	1.21	0.34
2016	Party ID	3	3	2	2.27	1.14	1.80	0.24
2016	Party ID	3	4	2	6.41	3.20	7.69	0.00
2016	Party ID	3	5	2	13.48	6.74	5.53	0.02
2016	Party ID	3	6	2	3.40	1.70	1.83	0.24
2016	Party ID	3	8	2	1.69	0.84	1.18	0.34
2016	Party ID	3	9	2	1.22	0.61	0.86	0.42
2016	Party ID	4	1	2	2.97	1.48	3.01	0.15
2016	Party ID	4	2	2	0.82	0.41	0.86	0.53
2016	Party ID	4	3	2	1.62	0.81	1.28	0.46
2016	Party ID	4	5	2	14.67	7.33	6.01	0.02
2016	Party ID	4	6	2	3.64	1.82	1.97	0.28
2016	Party ID	4	8	2	1.32	0.66	0.92	0.53
2016	Party ID	4	9	2	0.86	0.43	0.60	0.58
2016	Party ID	5	1	2	2.57	1.29	2.60	0.19
2016	Party ID	5	2	2	0.94	0.47	0.97	0.75
2016	Party ID	5	3	2	1.01	0.51	0.80	0.75
2016	Party ID	5	6	2	5.98	2.99	3.23	0.19
2016	Party ID	5	8	2	0.60	0.30	0.42	0.91
2016	Party ID	5	9	2	0.26	0.13	0.18	0.93
2016	Pres. vote choice	1	1	1	1.69	1.69	4.23	0.07
2016	Pres. vote choice	1	2	1	0.23	0.23	0.51	0.53
2016	Pres. vote choice	1	3	1	0.96	0.96	1.66	0.25
2016	Pres. vote choice	1	4	1	2.29	2.29	6.31	0.06
2016	Pres. vote choice	1	5	1	5.27	5.27	4.98	0.06
2016	Pres. vote choice	1	6	1	2.65	2.65	2.92	0.13
2016	Pres. vote choice	1	7	1	7.30	7.30	8.65	0.03
2016	Pres. vote choice	1	8	1	2.71	2.71	4.08	0.07
2016	Pres. vote choice	1	9	1	0.00	0.00	0.00	0.98
2016	Pres. vote choice	1	10	1	4.20	4.20	5.27	0.06
2016	Pres. vote choice	2	1	1	1.17	1.17	2.92	0.16
2016	Pres. vote choice	2	2	1	0.40	0.40	0.88	0.43
2016	Pres. vote choice	2	3	1	0.45	0.45	0.77	0.43
2016	Pres. vote choice	2	4	1	1.79	1.79	4.94	0.06
2016	Pres. vote choice	2	5	1	8.53	8.53	8.05	0.02
2016	Pres. vote choice	2	6	1	5.01	5.01	5.52	0.06
2016	Pres. vote choice	2	8	1	1.46	1.46	2.20	0.21
2016	Pres. vote choice	2	9	1	0.25	0.25	0.40	0.53
2016	Pres. vote choice	2	10	1	6.47	6.47	8.10	0.02
2016	Pres. vote choice	3	1	1	0.79	0.79	1.97	0.32
2016	Pres. vote choice	3	2	1	0.60	0.60	1.31	0.33
2016	Pres. vote choice	3	3	1	0.17	0.17	0.29	0.59
2016	Pres. vote choice	3	4	1	1.38	1.38	3.81	0.14
2016	Pres. vote choice	3	5	1	10.82	10.82	10.07	0.01
2016	Pres. vote choice	3	6	1	6.71	6.71	7.30	0.03
2016	Pres. vote choice	3	8	1	0.76	0.76	1.16	0.33
2016	Pres. vote choice	3	9	1	0.69	0.69	1.11	0.33
2016	Pres. vote choice	4	1	1	0.41	0.41	0.98	0.45
2016	Pres. vote choice	4	2	1	0.95	0.95	1.94	0.29
2016	Pres. vote choice	4	3	1	0.00	0.00	0.01	0.94
2016	Pres. vote choice	4	4	1	0.98	0.98	2.63	0.24
2016	Pres. vote choice	4	6	1	10.69	10.69	11.44	0.01
2016	Pres. vote choice	4	8	1	0.15	0.15	0.23	0.74
2016	Pres. vote choice	4	9	1	1.85	1.85	2.94	0.24
2016	Pres. vote choice	5	1	1	0.10	0.10	0.25	0.74

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Supporting Information

Table B13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
2016	Pres. vote choice	5	2	1	1.42	1.42	2.86	0.27
2016	Pres. vote choice	5	3	1	0.16	0.16	0.28	0.74
2016	Pres. vote choice	5	4	1	0.53	0.53	1.45	0.46
2016	Pres. vote choice	5	8	1	0.07	0.07	0.11	0.74
2016	Pres. vote choice	5	9	1	4.24	4.24	6.76	0.06
2016	Race/ethnicity	1	1	3	32.89	10.96	22.79	0.00
2016	Race/ethnicity	1	2	3	2.10	0.70	1.44	0.26
2016	Race/ethnicity	1	3	3	93.12	31.04	50.75	0.00
2016	Race/ethnicity	1	4	3	25.29	8.43	20.57	0.00
2016	Race/ethnicity	1	5	3	21.21	7.07	5.49	0.00
2016	Race/ethnicity	1	6	3	5.45	1.82	1.97	0.17
2016	Race/ethnicity	1	7	3	3.80	1.27	1.44	0.26
2016	Race/ethnicity	1	8	3	15.33	5.11	7.15	0.00
2016	Race/ethnicity	1	9	3	5.34	1.78	2.50	0.10
2016	Race/ethnicity	1	10	3	1.46	0.49	0.55	0.65
2016	Race/ethnicity	2	1	3	41.09	13.70	28.08	0.00
2016	Race/ethnicity	2	2	3	1.84	0.61	1.25	0.32
2016	Race/ethnicity	2	4	3	21.58	7.19	17.60	0.00
2016	Race/ethnicity	2	5	3	13.87	4.62	3.58	0.03
2016	Race/ethnicity	2	6	3	5.27	1.76	1.90	0.25
2016	Race/ethnicity	2	7	3	3.99	1.33	1.50	0.26
2016	Race/ethnicity	2	8	3	10.37	3.46	4.84	0.01
2016	Race/ethnicity	2	9	3	3.35	1.12	1.57	0.26
2016	Race/ethnicity	2	10	3	4.20	1.40	1.59	0.26
2016	Race/ethnicity	3	2	3	3.97	1.32	2.71	0.09
2016	Race/ethnicity	3	4	3	26.99	9.00	21.89	0.00
2016	Race/ethnicity	3	5	3	7.57	2.52	1.96	0.17
2016	Race/ethnicity	3	6	3	5.84	1.95	2.11	0.16
2016	Race/ethnicity	3	7	3	3.32	1.11	1.26	0.36
2016	Race/ethnicity	3	8	3	13.66	4.55	6.41	0.00
2016	Race/ethnicity	3	9	3	5.80	1.93	2.73	0.09
2016	Race/ethnicity	3	10	3	8.48	2.83	3.22	0.07
2016	Race/ethnicity	4	2	3	6.93	2.31	4.73	0.01
2016	Race/ethnicity	4	5	3	4.50	1.50	1.16	0.54
2016	Race/ethnicity	4	6	3	5.66	1.89	2.04	0.21
2016	Race/ethnicity	4	7	3	2.06	0.69	0.79	0.71
2016	Race/ethnicity	4	8	3	20.78	6.93	9.79	0.00
2016	Race/ethnicity	4	9	3	9.95	3.32	4.69	0.01
2016	Race/ethnicity	4	10	3	12.12	4.04	4.64	0.01
2016	Race/ethnicity	5	2	3	9.51	3.17	6.47	0.00
2016	Race/ethnicity	5	5	3	4.18	1.39	1.08	0.59
2016	Race/ethnicity	5	6	3	6.98	2.33	2.51	0.14
2016	Race/ethnicity	5	7	3	2.13	0.71	0.82	0.69
2016	Race/ethnicity	5	9	3	15.49	5.16	7.30	0.00
2016	Race/ethnicity	5	10	3	16.71	5.57	6.42	0.00
2016	Race/ethnicity	6	2	3	11.78	3.93	7.98	0.00
2016	Race/ethnicity	6	5	3	5.14	1.71	1.34	0.41
2016	Race/ethnicity	6	6	3	8.85	2.95	3.18	0.08
2016	Race/ethnicity	6	7	3	3.26	1.09	1.27	0.41
2016	Race/ethnicity	6	10	3	21.67	7.22	8.34	0.00
2016	Race/ethnicity	7	2	3	16.03	5.34	10.76	0.00
2016	Race/ethnicity	7	5	3	4.80	1.60	1.25	0.53
2016	Race/ethnicity	7	6	3	13.41	4.47	4.82	0.01
2016	Race/ethnicity	7	7	3	6.89	2.30	2.69	0.10
2016	Race/ethnicity	8	5	3	6.05	2.02	1.55	0.40
2016	Race/ethnicity	8	6	3	16.70	5.57	5.96	0.01
2016	Race/ethnicity	8	7	3	10.12	3.37	3.96	0.03
2016	Race/ethnicity	9	5	3	5.66	1.89	1.46	0.54
2016	Race/ethnicity	9	6	3	17.50	5.83	6.24	0.00
2016	Race/ethnicity	9	7	3	11.23	3.74	4.39	0.02
2016	Race/ethnicity	10	5	3	6.03	2.01	1.55	0.58
2016	Race/ethnicity	10	6	3	19.01	6.34	6.77	0.00
2016	Race/ethnicity	10	7	3	13.07	4.36	5.11	0.01
2016	Race/ethnicity	11	5	3	10.36	3.45	2.66	0.30
2016	Race/ethnicity	11	7	3	20.00	6.67	7.83	0.00
2016	Race/ethnicity	12	5	3	20.70	6.90	5.32	0.02
2016	Survey mode	1	1	1	0.97	0.97	1.95	0.32
2016	Survey mode	1	2	1	0.38	0.38	0.79	0.42
2016	Survey mode	1	3	1	1.97	1.97	3.11	0.19
2016	Survey mode	1	4	1	4.27	4.27	10.30	0.01
2016	Survey mode	1	5	1	5.22	5.22	4.06	0.19
2016	Survey mode	1	6	1	0.77	0.77	0.83	0.42
2016	Survey mode	1	7	1	0.01	0.01	0.01	0.92
2016	Survey mode	1	8	1	0.59	0.59	0.82	0.42
2016	Survey mode	1	9	1	1.18	1.18	1.66	0.33
2016	Survey mode	1	10	1	2.77	2.77	3.17	0.19
2016	Survey mode	2	1	1	0.54	0.54	1.10	0.33
2016	Survey mode	2	2	1	0.70	0.70	1.44	0.32
2016	Survey mode	2	3	1	2.79	2.79	4.40	0.32
2016	Survey mode	2	5	1	3.88	3.88	3.04	0.32
2016	Survey mode	2	6	1	1.21	1.21	1.31	0.32
2016	Survey mode	2	7	1	0.11	0.11	0.12	0.72
2016	Survey mode	2	8	1	1.08	1.08	1.51	0.32
2016	Survey mode	2	9	1	1.81	1.81	2.54	0.32
2016	Survey mode	2	10	1	1.90	1.90	2.17	0.32

C Examining Threshold Disorder

The best practice for scales with polytomous items is to first examine threshold disorder before examining measurement equivalence. Thus, for scales with polytomous items (Egalitarianism, Racial Resentment, Negative Black Stereotypes, Moral Traditionalism, and all five TIPI scales), we examine the thresholds of the partial credit model. We denote a threshold as disordered if its value is statistically significantly less than a previous threshold where statistical significance is tested with a Z test. By this metric, the following scales exhibited threshold disorder in 2012: Moral Traditionalism, Racial Resentment, TIPI Agreeableness, TIPI Conscientiousness, TIPI Emotional Stability, TIPI Openness To Experiences, and TIPI Extraversion. In 2016, all of these scales again exhibited threshold disorder as well as Egalitarianism.

For items showing threshold disorder, we combine the two categories that the threshold divides into a single value. As an exception to this procedure, when the threshold borders a neutral value that is explicitly defined as fitting “neither” of the endpoints, we instead combine the non-neutral value with the next most extreme value (e.g., if category 3 is neutral and the threshold separating 2 and 3 exhibits disorder, we combine categories 1 and 2). We make this exception because “neither” values have an explicit, qualitatively different meaning than other values. For instance, the TIPI scales ask how well a particular set of characteristics such as “extraverted, enthusiastic” describe the respondent, with endpoint anchor values of “extremely poorly” and “extremely well.” The neutral point explicitly indicates that the characteristics describe the respondent “Neither poorly nor well” and this qualitative difference in meaning makes this value inappropriate for combining with adjacent categories. If more than one threshold exhibits disorder, we first combine the categories for the threshold with the largest disorder (i.e., furthest below the previous threshold). After combining categories, we repeat the process, running a new model and again examining

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disorder. We continue to repeat, stopping when no disorder remains or no more values can be combined.

Accepting these recodes is justified only when it improves the fit of the data to the model or improves the reliability. For any set of items, many different coding schemes are possible and some may improve fit while harming reliability while others do the opposite. For our purposes, the preregistration required an objective decision rule. Such a decision rule removes researcher degrees of freedom ([Simmons, Nelson and Simonsohn, 2011](#)), decreasing the potential for researchers to cherry-pick favorable results. Therefore, we chose to rely on the recoded items if and only if they improved over the original items in terms of person separation (i.e. greater separation than the model estimated on the original, un-recoded items) and either improved item infit standard deviation or outfit standard deviation (i.e. lower infit/outfit standard deviation than the model run on the original, un-recoded items). By this criterion, the recoded items never improve over the originals and therefore we always rely on the original coding scheme. We must emphasize, however, that researchers should choose their own decision rule that is most appropriate for their context. Researchers with interest in a particular scale should consider the many different measures of both fit and reliability, weighing the importance of each for their purposes.

D Correlations between Off-the-Shelf and Corrected Scales

Figure D1: Strong correlations between the off-the-shelf scales and the corrected scales

2012

	Authoritarianism	Egalitarianism	Limited Government	Moral Traditionalism	Negative Black Stereotypes	Non-Voting Participation	Racial Resentment	TIP: Agreeableness	TIP: Conscientiousness	TIP: Emotional Stability	TIP: Extraversion	TIP: Openness To Experiences	Wordsum	
Age		.98			.99		.98	.98		.99	.99		.99	— Scales w/ DIF
Education		.98		.97	.99			.98			.99			
Electoral turnout		.98		.98	.99		.98				.99	.98		— Could NOT be CORRECTED
Gender	.97	.98		.98	.99	.99	.98		.98	.99		.98	1.00	
Ideology					.98						.97		.97	— Scales WITHOUT DIF
Income		.97		.96	.99	.89	.97	.96				.98		
Party ID					.99			.98		.99			1.00	
Pres. vote choice	.84					.86		.93		.99	.92		.98	
Race/ethnicity				.97		.98		.98		.98	.99	.98		
Survey mode	.96	.98			.99	.99	.98		.97	.99				

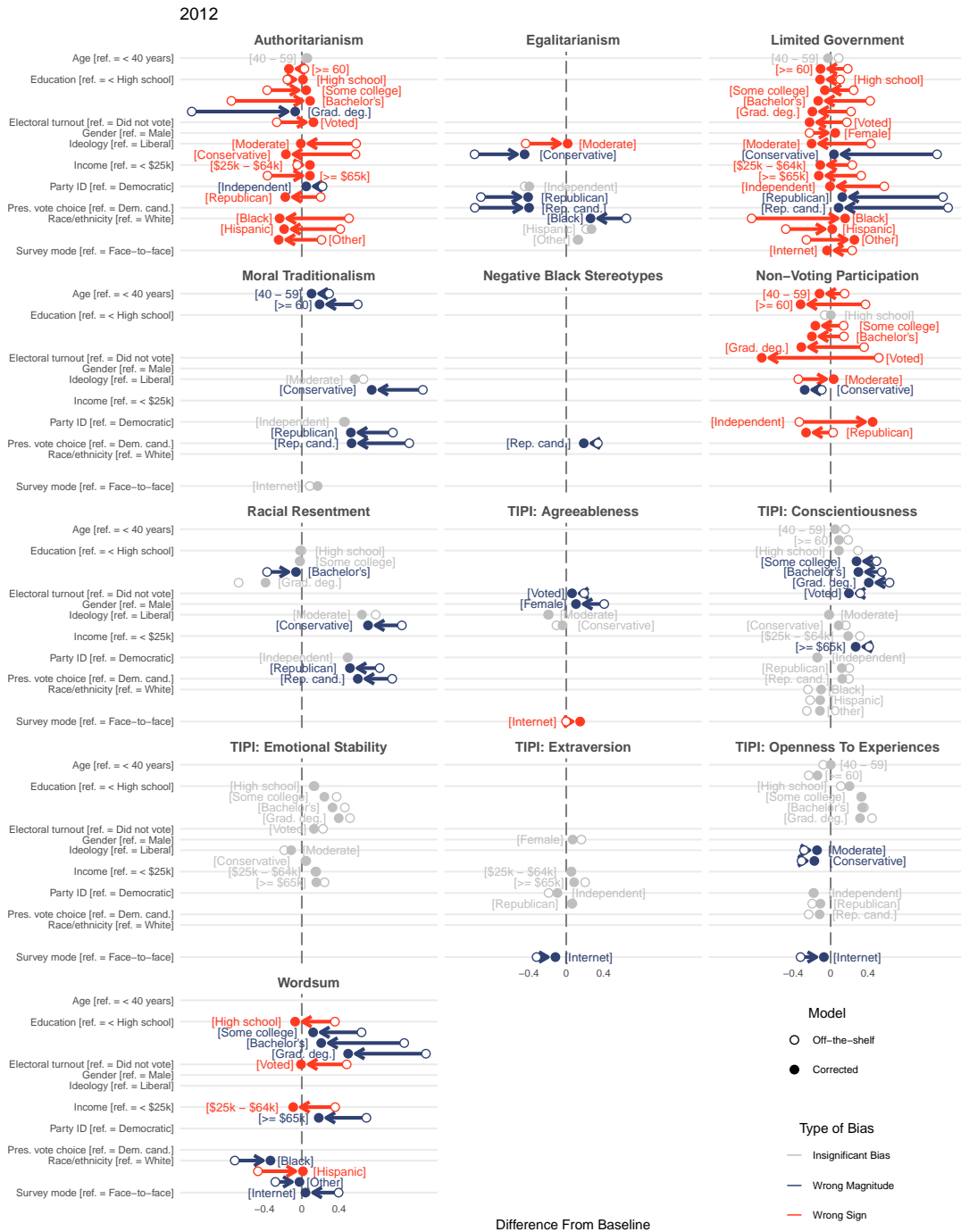
2016

	Authoritarianism	Egalitarianism	Limited Government	Moral Traditionalism	Negative Black Stereotypes	Non-Voting Participation	Racial Resentment	TIP: Agreeableness	TIP: Conscientiousness	TIP: Emotional Stability	TIP: Extraversion	TIP: Openness To Experiences	Wordsum
Age	.94				.99	.97					.98	.98	
Education					.99	.94				.99	.99		
Electoral turnout		.98	1.00	.98	.98		.99	.99			.97	.96	
Gender	.97			.99	.99	.98	.99		.98	.99	.99	.98	1.00
Ideology								.94	.98	.95	.95		.97
Income		.98		.98	.99	.94	.98	.98		.98	.99	.98	
Party ID					.99			.99			.99		1.00
Pres. vote choice					.99	.98		.92	.98	.99	.99		.96
Race/ethnicity	.93			.99		.98		.99	.98	.99	.98	.98	
Survey mode	.97				.99	.98	.99	.99	.98	.99	.99	.98	1.00

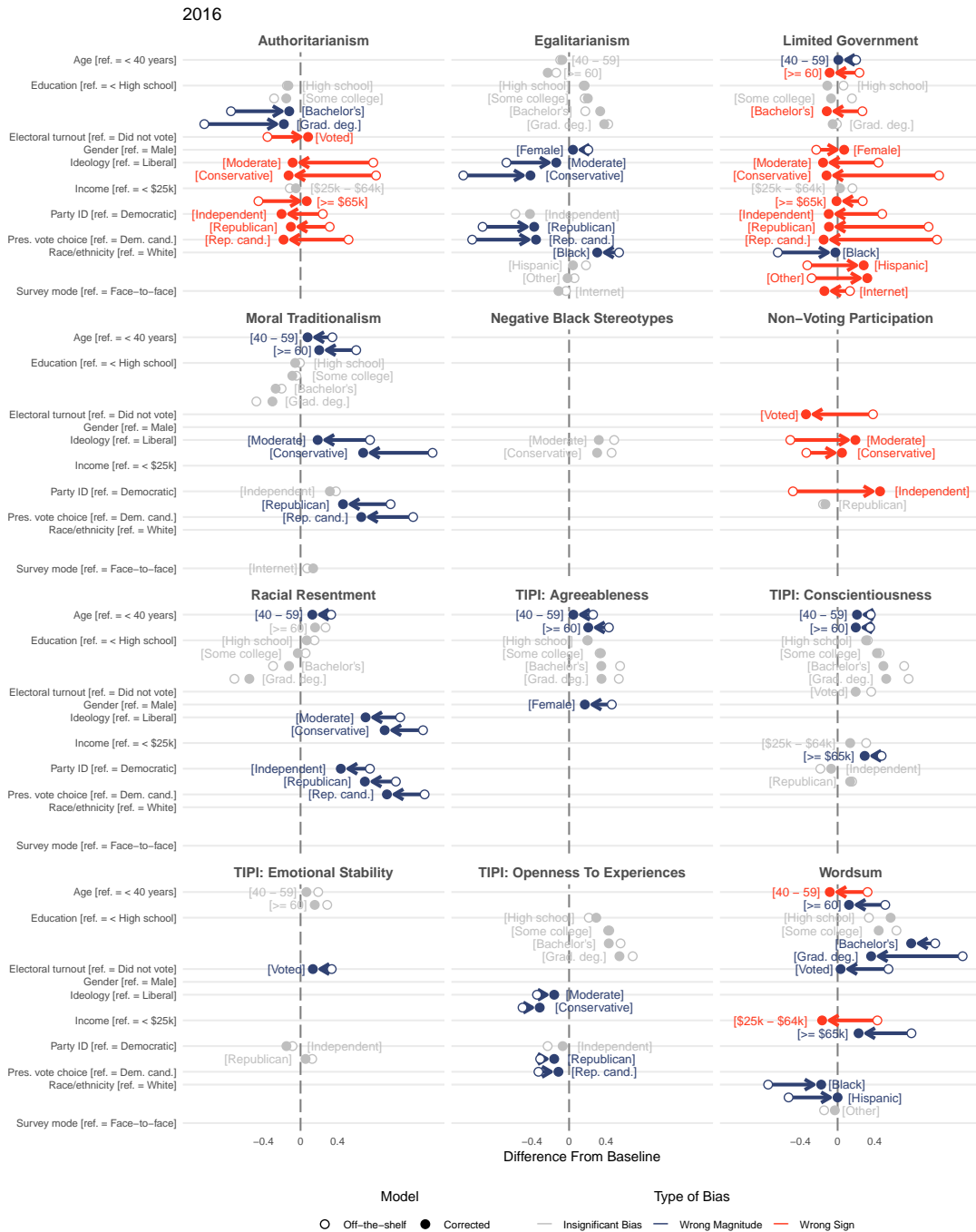
Note: The figure displays the correlation between the off-the-shelf scale and its corrected counterpart. The correlations are not shown if a valid correction was not possible. In cases where the off-the-shelf scale exhibits no DIF, it still differs from the corrected scale because it comes from a simple average while the corrected estimates allow item locations to vary.

E Group Differences from Partially-corrected Scales

Figure E1: The off-the-shelf scales often suggest different substantive conclusions than do their partially-corrected counterparts.



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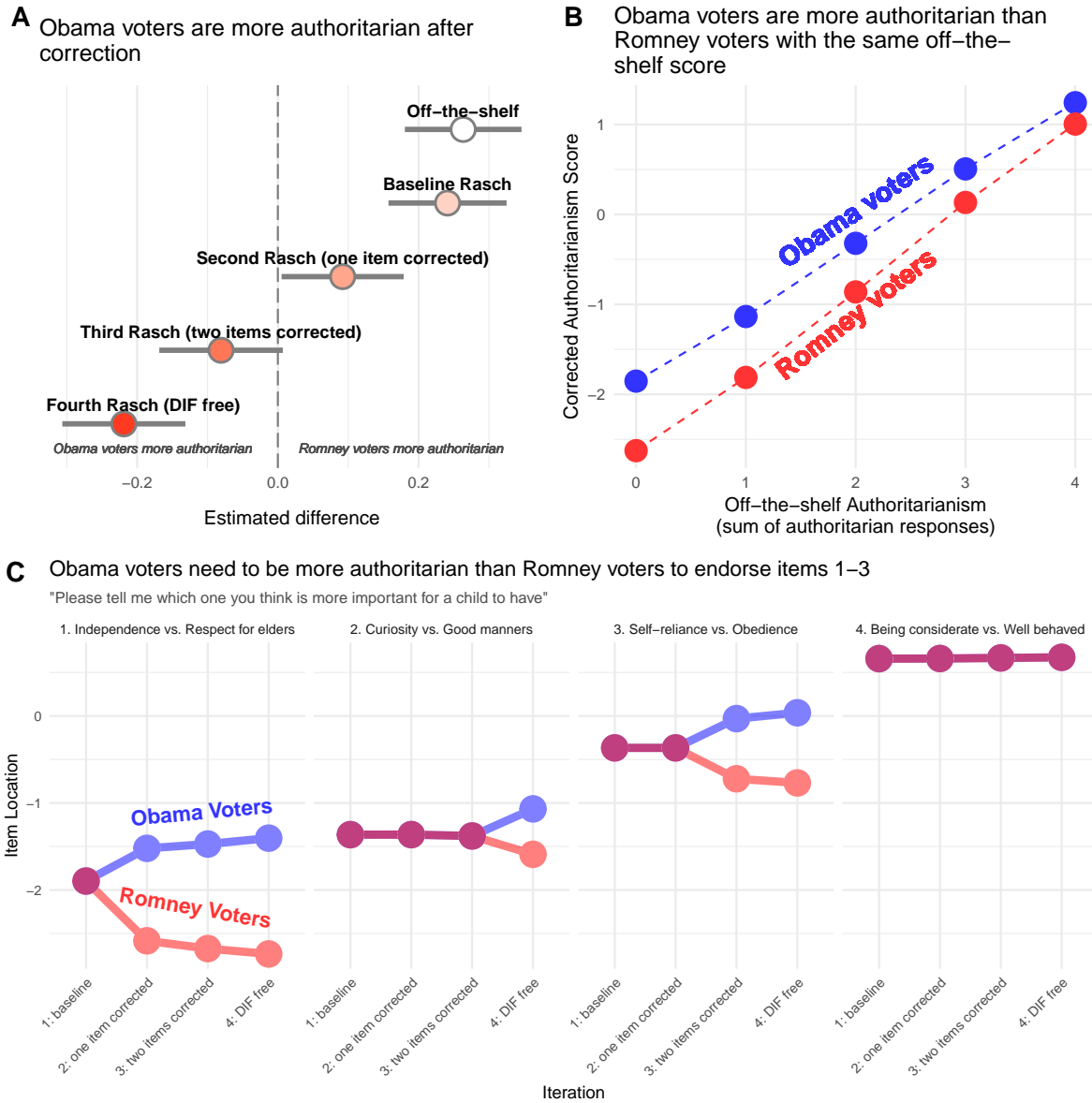
Note: This figure replicates the analysis from Figure 6 of the main text for scales and grouping variables for which all items exhibited DIF. The open circle displays the off-the-shelf scale's estimated difference between the focal and reference groups. The closed circle displays this difference for the partially-corrected scale. An arrow indicates a statistically significant difference between these estimates. The scales are only partially corrected because all items show DIF and one DIF-free item is needed as an anchor. Thus a partially-corrected scale improves over the off-the-shelf scale by removing DIF from all but the last item to show DIF in the iterative tests. We use this item because it retains the smallest amount of DIF. Since this anchor item still exhibits DIF, however, these estimates still may be biased by inequivalence. For this reason, this analysis is not part of the preanalysis plan and results from both years should be interpreted only as exploratory.

F Examining Authoritarianism and the 2012 Vote

Figure F1 examines why the relationship between authoritarianism and vote choice in 2012 reverses after DIF has been corrected. **Panel A** shows how the estimated difference between Romney and Obama voters changes after each iteration in the DIF correction. The off-the-shelf scale suggests Romney voters are more authoritarian. As DIF is removed, this relationship reverses. **Panel B** shows the expected value of the latent trait from the corrected scale that corresponds to off-the-shelf scores of 0, 1, 2, 3, and 4. At every level of off-the-shelf authoritarianism, Obama voters tend to have higher values of the latent trait than Romney voters. For instance, to be expected to endorse one (and only one) authoritarian item, Romney voters must average only -1.8 on the latent trait, compared to -1.1 for Obama voters—corresponding to almost a standard deviation difference in the latent trait. This panel demonstrates a lack of measurement equivalence: Romney voters are expected to receive a different score on the off-the-shelf scale than Obama voters with the same level of the latent trait. Since Romney voters receive higher off-the-shelf scores than equally authoritarian Obama voters, the off-the-shelf scale will overestimate the difference between Romney and Obama voters. **Panel C** shows each item’s estimated location for each iteration in the model. Obama voters need greater levels of authoritarianism to receive the same off-the-shelf score because the DIF pushes in the same direction for each item. Item 1 has the largest DIF: Obama voters find it much more difficult than equally authoritarian Romney voters to choose “Respect for elders” over “Independence.” Similar, but weaker differences emerge for items 2 and 3. Since Romney voters find it easier to endorse these items than comparable Obama voters, the off-the-shelf scale will artificially inflate Romney voters’ authoritarianism relative to Obama voters’. Since the DIF pushes in the same direction for each item, the coefficients in Panel A trend in the same direction as DIF is successively removed.

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Figure F1: The estimated relationship between authoritarianism and vote choice in 2012 reverses after correction.



Note: **Panel A** shows how the estimated difference between Romney and Obama voters changes after each iteration in the DIF correction. **Panel B** shows the expected value of the latent trait from the corrected scale needed to provide 0, 1, 2, 3, or 4 authoritarian responses on the off-the-shelf scale. **Panel C** shows each item's estimated location for each iteration in the model.

G Supporting Information References

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