

Online Supporting Information: ANES Scales Often Don't Measure What You Think They Measure

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A Alternative methods to evaluate measurement equivalence

In this appendix, we compare and contrast the Rasch approach with alternative methods for evaluating and establishing measurement equivalence.

The method we describe, correcting DIF through resolution, is analogous to establishing partial invariance through confirmatory factor analysis (CFA). Despite this important similarity, CFA models differ in several ways from Rasch models. CFA assumes a linear relationship between the observed items and the latent variable, consistent with classical test theory. In the Rasch model, the items are related to the latent variable in non-linear specification which can better account for uneven spacing between observed categories. The default CFA model in most programs is a reparameterization of a two-parameter logistic (2-pl) IRT model (MacIntosh and Hashim, 2003; Takane and de Leeuw, 1987). In contrast to the 2-pl, the Rasch model exhibits an important property known as “specific objectivity.” With specific objectivity, the scores across items are sufficient statistics to estimate the person location parameters. And the scores across persons are sufficient to estimate the item locations. When the data approximately fit the model, these properties mean that comparisons between any two persons are independent of which items are selected from a class of items that are designed to measure the construct (Andrich, 2004). Likewise, comparisons of items are independent of which persons participated in the survey. Specific objectivity is absent from other IRT models, such as the two- or three-parameter logistic models, which are sample-dependent. Moreover, unlike the Rasch, these other IRT models may order the items inconsistently along the range of the latent continuum. This inconsistency occurs because each item response function takes on a different shape and the trace lines may cross at some point on the latent continuum, reversing the item order (Wilson, 2005).¹ Finally, compared

¹To mirror the Rasch model, practitioners can constrain multi-group CFA item discrimination parameters to be equal across items.

to more complex models like the 2-pl, Rasch models offer greater statistical power to detect DIF in small samples (Belzak, 2019).

Other methods exist for establishing measurement equivalence, but many of these approaches require action *before* data are collected. For instance, one might avoid many sources of measurement inequivalence by collecting objective measures rather than self-reports. This option is only possible when researchers anticipate the DIF in advance and have the resources to provide interviewers with sufficient training to accurately measure the traits of interest. Anchoring vignettes provide another alternative with many benefits (Bakker et al., 2014; King and Wand, 2007/ed; Wand, 2013), but they also require researchers to anticipate DIF prior to data collection so they can be included on the survey. Therefore, they cannot be used to correct DIF in data that have already been collected. Further, every item that might contain DIF across groups of interest requires the inclusion of additional vignettes. And hence this approach works best when researchers intend to measure only a single construct that can also be measured sufficiently well with a single item. But many constructs require multiple items to capture (Ansolabehere, Rodden and Snyder Jr, 2008), making anchoring vignettes less feasible when survey space is limited. Our suggested method provides an alternative approach that will be most useful when data have already been gathered or survey space is limited.

Other alternatives exist and still more will develop over time. For instance, Muthén and Asparouhov (2018) are developing a factor analysis method that “aligns” the measurement parameters in an attempt to maximize equivalence across groups. Likewise, Mokken (1971) provides an alternative, non-parametric scaling procedure, which has received several informative applications in the literature (e.g., Mondak and Anderson, 2004). This method yields ordinal-level scores rather than the interval-level measures from the Rasch. Interval-level measures are useful since researchers commonly use ANES scales to construct continuous variables for use in regression models. Moreover, interval-level measurement is required for

test equating ([Meijer, Sijtsma and Smid, 1990](#)), which provides the basis to correct scales when inequivalence arises. Reassuringly, Mokken scaling tends to yield similar conclusions to the Rasch model ([Molenaar, 1997](#)).

B Measurement

B1 Constructing the Scales

This appendix describes how the scales were constructed. Table B1 maps the scale item numbers we use throughout the manuscript to their corresponding variable names in the ANES data.² 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 Authoritarianism scale relies on four dichotomous items, asking respondents about their child-rearing preferences. Scholars have relied on the child-rearing scale to measure authoritarianism because, unlike alternative measures, its items are conceptually distinct from political preferences (Feldman and Stenner, 1997).

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

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.

4. Being considerate or **Well behaved**

Egalitarianism

The Egalitarianism scale was designed to measure the extent to which individuals value societal equality (Feldman, 1988). The 2012 version includes six five-point Likert-type items, while the 2016 version excludes two of these items (egal_toofar and egal_bigprob). We therefore examine a 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.
4. If people were treated more equally in this country we would have many fewer problems.

Limited Government

The Limited Government scale includes items intended to measure support for limiting government involvement in domestic affairs. Following previous work (Ansolabehere, Rodden and Snyder Jr, 2008; Feldman and Huddy, 2005), we rely on three dichotomous items. For each item, 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 Moral Traditionalism scale uses four five-point Likert-type items, intended to measure how opposed people are to changing moral standards. 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

The Negative Black Stereotypes scale uses two items, intended to measure explicit acceptance of derogatory African American stereotypes. The first item asks respondents to place African Americans on a seven-point scale ranging from *hard-working* to *lazy*. In 2012, the second item asks an analogous question ranging from *intelligent* to *unintelligent*. In 2016, these anchors are replaced with *peaceful* and *violent*. Since the items vary between years, we consider the 2016 analysis as exploratory.³ This measure is typically applied only to whites and thus we restrict its analysis to white, non-Hispanic respondents.

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)

Non-Voting Participation

The Non-Voting Participation battery includes seven dichotomous items asking whether respondents have participated in a variety of political acts, including attending political meetings, displaying political signs, and donating money to campaigns. Though researchers sometimes analyze these items individually, they are often combined into a single multi-item scale (e.g., [Dawkins, 2017](#); [Flavin and Griffin, 2009](#); [Valentino et al., 2011](#); [Walker, 2020](#)).

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.

³These same items are also used in the Ethnocentrism scale ([Kam and Kinder, 2012](#)). The Ethnocentrism scale is beyond the scope of our analysis because it relies on item transformations more complex than a simple average.

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 Racial Resentment scale includes four Likert-type items asking respondents whether they agree or disagree with statements about African Americans' place in society. As is typical (e.g., [Tesler, 2012](#); [Feldman and Huddy, 2005](#)), we restrict the analysis of the racial resentment scale to white, non-Hispanic respondents.

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.

TIPI

The Ten Item Personality Inventory (TIPI) relies on ten polytomous items to measure individual's personalities along five traits—two items per trait. Thus, the TIPI produces five two-item scales:

- **Agreeableness** is intended to measure how sympathetic and warm individuals tend to be in their social interactions.
- **Conscientiousness** is intended to measure how mindful, careful, and organized individuals tend to be.
- **Emotional Stability** is intended to measure how even-tempered individuals tend to be. In some research, this trait is reverse coded and labeled instead as *Neuroticism*.
- **Extraversion** is intended to measure how energetic and outgoing individuals tend to be.
- **Openness To Experiences** is intended to measure individuals' open-mindedness and their propensity to seek new challenges and ideas.

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).

TIPI: Agreeableness

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

TIPi: Conscientiousness

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

TIPi: Emotional Stability

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

TIPi: Extraversion

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

TIPi: Openness To Experiences

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

Wordsum

The Wordsum scale, originally developed for the General Social Survey, provides a vocabulary test intended to measure verbal skills, but is often used as a proxy for cognitive skills or general intelligence. Since 2012, the ANES has included the ten-item revised version developed by [Cor et al. \(2012\)](#). 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
4. set F
5. set G
6. set H
7. set J
8. set K
9. set L
10. set O

B2 Constructing the Grouping Variables

This appendix describes how the grouping variables were constructed. Table [B2](#) 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.⁴ The remaining columns display the values of the grouping variables used in our analysis.

⁴Before 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.

Table B1: 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 B2: 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_f_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			

C Anova Results

We test for differential item functioning (DIF) as follows, using R version 3.3.3 (R Core Team, 2017):

1. We estimate a Rasch model on the items, including as person weights the ANES Time Series Post-stratified full sample weight. We estimate the Rasch models via marginal maximum likelihood with the TAM 1.99993-0 package (Kiefer, Robitzsch and Wu, 2017). We use the standard Rasch (Equation 1) for scales with dichotomous items and the partial credit model (Equation 2) for scales with polytomous items. An alternative to the partial credit model is the rating scale model, which constrains the threshold estimates (F_j in Equation 2) to be equal across items. For each polytomous scale in each year, however, a likelihood ratio test suggests the partial credit model provides significant improvement in fit over the rating scale model. Before examining DIF, we also assess threshold disorder for the scales with polytomous items, as described in SI-D.
2. From the Rasch 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). We conclude that an item's DIF is statistically significant if its two-tailed Benjamini-Hochberg p-value is less than .05. 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. Note that the Benjamini-Hochberg correction may be overly conservative for small samples or when small amounts of DIF have important substantive implications (Belzak, 2019).

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 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. We estimate these group differences using linear regressions with Taylor series standard errors (DeBell, 2010), which we fit in R using the `svyglm` function from the survey package (Lumley, 2004, 2016).

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

Authoritarianism: Table C1 on page SI-16

Egalitarianism: Table C2 on page SI-18

Limited Government: Table C3 on page SI-20

Moral Traditionalism: Table C4 on page SI-22

Negative Black Stereotype: Table C5 on page SI-24

Non-voting Participation: Table C6 on page SI-24

Racial Resentment: Table C7 on page SI-29

TIPI: Agreeableness: Table C8 on page SI-31

TIPI: Conscientiousness: Table C9 on page SI-32

TIPI: Emotional Stability: Table C10 on page SI-33

TIPI: Extraversion: Table C11 on page SI-33

TIPI: Openness To Experiences: Table C12 on page SI-34

Wordsum: Table C13 on page SI-35

Table C1: 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	Age	4	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

Authoritarianism ANOVA results continued on next page

Table C1: ANOVA results for Authoritarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Authoritarianism ANOVA results continued on next page

Table C1: ANOVA results for Authoritarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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 C2: 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

Egalitarianism ANOVA results continued on next page

Table C2: ANOVA results for Egalitarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Egalitarianism ANOVA results continued on next page

Table C2: ANOVA results for Egalitarianism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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 C3: 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

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Table C3: ANOVA results for Limited Government scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Limited Government ANOVA results continued on next page

Table C3: ANOVA results for Limited Government scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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 C4: 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	2	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
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

Moral Traditionalism ANOVA results continued on next page

Table C4: ANOVA results for Moral Traditionalism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Moral Traditionalism ANOVA results continued on next page

Table C4: ANOVA results for Moral Traditionalism scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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 C5: 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
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 C6: 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

Non-Voting Participation ANOVA results continued on next page

Table C6: 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	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
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

Non-Voting Participation ANOVA results continued on next page

Table C6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Non-Voting Participation ANOVA results continued on next page

Table C6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Non-Voting Participation ANOVA results continued on next page

Table C6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Non-Voting Participation ANOVA results continued on next page

Table C6: ANOVA results for Non-Voting Participation scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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 C7: 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

Racial Resentment ANOVA results continued on next page

Table C7: ANOVA results for Racial Resentment scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Racial Resentment ANOVA results continued on next page

Table C7: ANOVA results for Racial Resentment scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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 C8: 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

TIPI: Agreeableness ANOVA results continued on next page

Table C8: ANOVA results for TIPI: Agreeableness scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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 C9: 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
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

TIPI: Conscientiousness ANOVA results continued on next page

Table C9: ANOVA results for TIPI: Conscientiousness scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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 C10: 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
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 C11: 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

TIPI: Extraversion ANOVA results continued on next page

Table C11: ANOVA results for TIPI: Extraversion scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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 C12: 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
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

TIPI: Openness To Experiences ANOVA results continued on next page

Table C12: ANOVA results for TIPI: Openness To Experiences scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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 C13: 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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

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Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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
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

Wordsum ANOVA results continued on next page

Table C13: ANOVA results for Wordsum scale

Year	Grouping Variable	Iteration	Item #	DF	Sum of Squares	Mean Square	F	BH p-value
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

D 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

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.

E Correlations between Off-the-Shelf and Corrected Scales

Figure E1: 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	
Income		.97		.96	.99	.89	.97	.96				.98		— Scales WITHOUT DIF
Party ID				.99			.98	.99		.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				

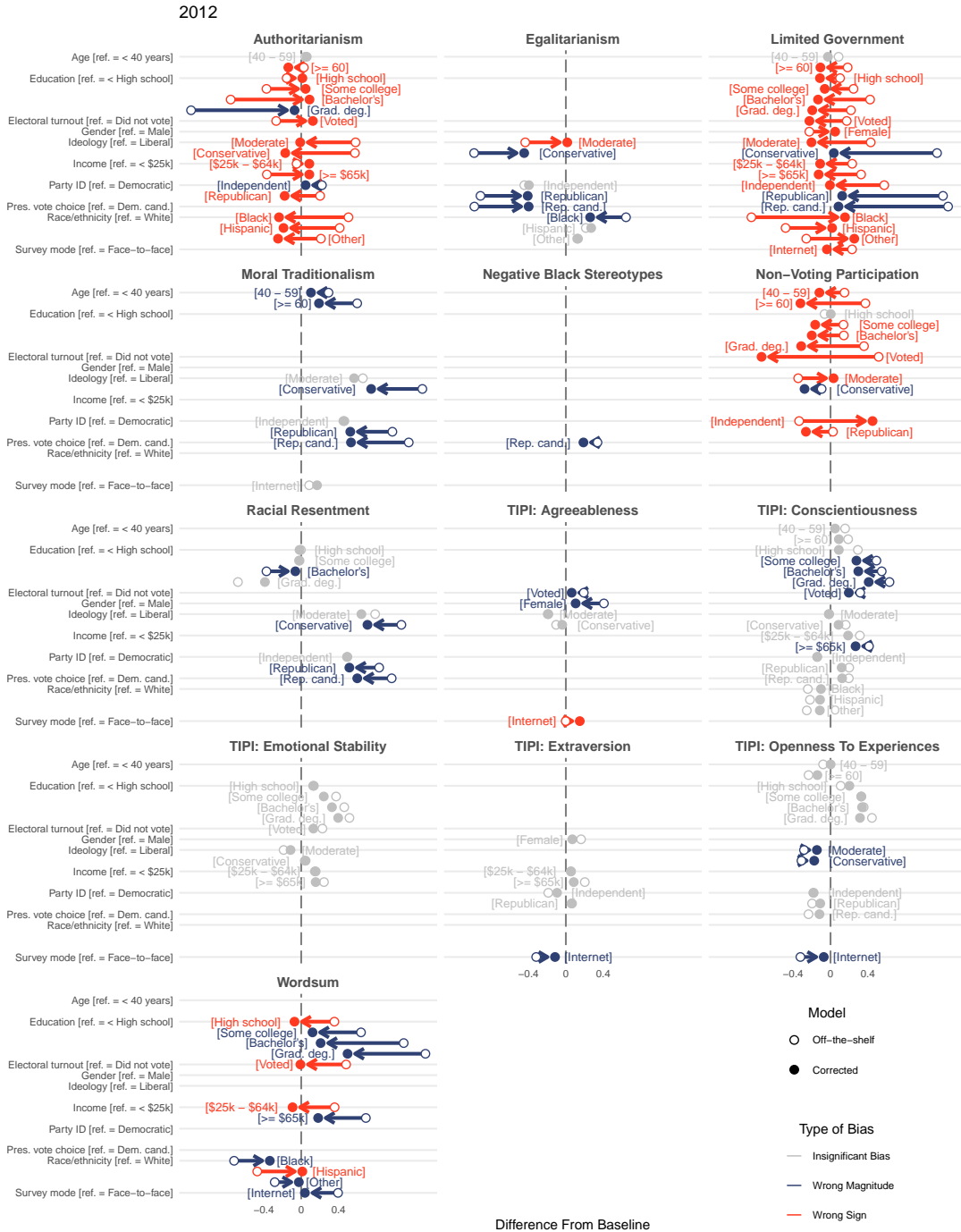
2016

	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

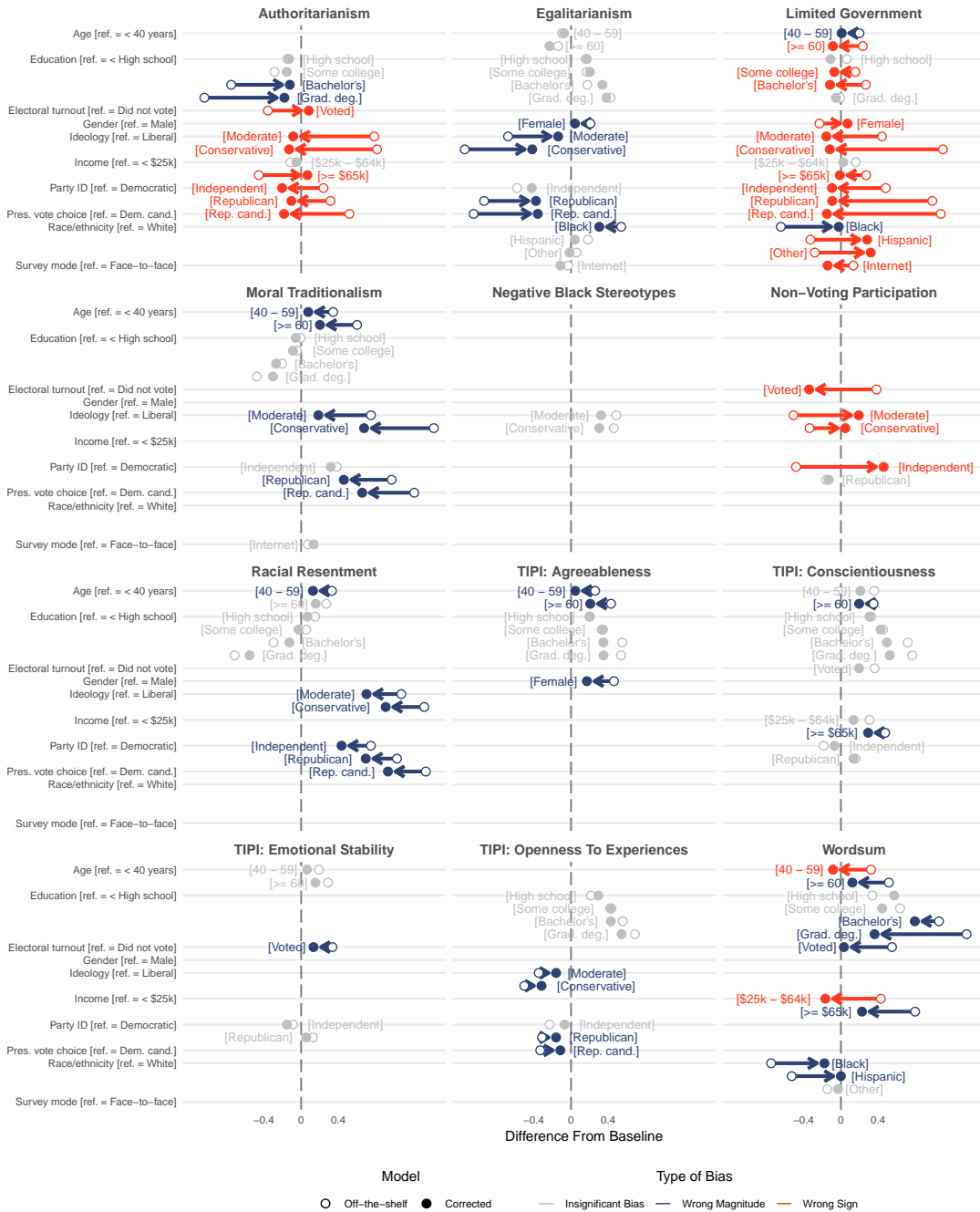
Note: The figure displays the correlation between the off-the-shelf scale and its corrected counterpart. The correlations are not shown if a valid correction was not possible. In cases where the off-the-shelf scale exhibits no DIF, it still differs from the corrected scale because it comes from a simple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

F Group Differences from Partially-corrected Scales

Figure F1: The off-the-shelf scales often suggest different substantive conclusions than do their partially-corrected counterparts.



2016

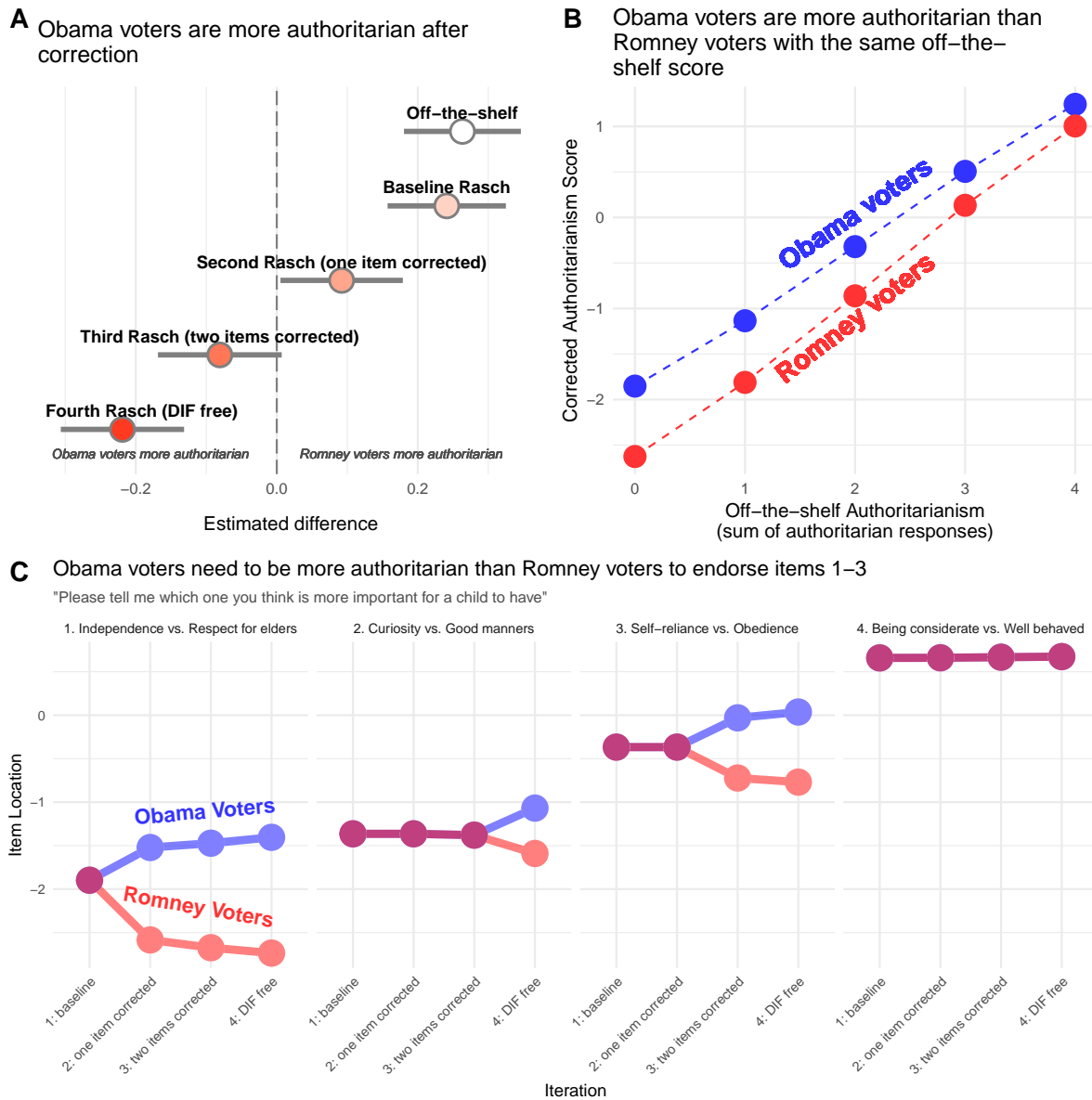


Note: This figure replicates the analysis from Figure 5 of the main text for scales and grouping variables for which all items exhibited DIF. The open circle displays the off-the-shelf scale's estimated difference between the focal and reference groups. The closed circle displays this difference for 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.

G Examining Authoritarianism and the 2012 Vote

Figure G1 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.

Figure G1: 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.

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