

Development of Research and Survey

Religion plays a large role in American politicians' campaigns. We have come to expect campaigners to make reference to their religious views and the media tends to emphasis religious differences in certain elections. Since religion is so much a part of a campaign, we were intrigued and wanted to discover whether a candidate's religion would be a deciding factor for students' votes. Likewise, we wished to explore if the ethnicity of a candidate would also play a role. In the last presidential election, the first non-Caucasian president, who campaigned with much student support, was elected. Holding all other variables constant, we wanted to see if knowing solely a candidate's religion or ethnicity would cause students to vote against said candidate. Upon beginning our project, we hypothesized that students who were more exposed to people of religions and ethnicities other than their own would be more likely to vote for presidential candidates of diverse religions or ethnicities. Since society generally expects young adults to have nondiscriminatory attitudes, we knew that there would be a potential cause for bias when asking students if they would vote against a candidate because of a particular religion or race.

Example Process

Research Question:

We are looking for evidence of a difference in distributions of perceived importance of religion to the typical American voter, between the groups of individuals for whom religion is relevant to voting decision and those for whom religion is not relevant to voting decision.

	Unlikely	Somewhat Unlikely	Irrelevant to my decision	Somewhat Likely	Likely
Atheist	0	0	0	0	0
atholic	0	\bigcirc	\bigcirc	0	0
ewish	0	\bigcirc	\bigcirc	0	0
ormon	0	\bigcirc	\bigcirc	0	\bigcirc
uslim	0	\bigcirc	\bigcirc	\odot	0
rotestant	0	0	0	\odot	\bigcirc

The figures above show the questions from the survey that were then used to address this research question.

Note: In the test below and in all tests referencing relevance, if responses across the religions were homogenous, we summarized the individual's total relevance of religion as 'irrelevant' whereas if there was a difference in response across the religions, we labeled the total relevance as 'relevant'.

Hypothesis Test: (Mann-Whitney nonparametric test)

- Assumptions: Two independent random variables, measurement scale is ratio H_0 : the distribution of perceived importance of religion to the typical American voter is the same between the "irrelevant" and "relevant" groups.
 - H_1 : the distribution of perceived importance of religion to the typical American voter is over lower values for those in the "irrelevant" group than for those in the "relevant" group.
- Test statistic: t = 3687 3.
- P-value = 0.0734 (after adjustment for ties) 4.

There is marginally significant evidence that the distribution for perceived importance 5. of religion to the typical American voter for those for those in the "irrelevant" group is lower than the distribution for perceived importance of religion to the typical American voter for those in the "relevant" group. The more striking visual difference in the plot below is due (in part) to the larger number of people who answered "relevant".



Additional comment:

Difference N between responses

Number of 69 responses

Cultural Exposure, Religion, and Voting Ideology Rachel Brion, Molly Dieterich, Caitlin Olig, Dr. Jessica Kraker University of Wisconsin - Eau Claire Independent Study: Survey Practicum



0	Religion	Ethnicity	
ifference	has a	has a	
	bigger	bigger	
	impact	impact	
)	41	33	



