

Polarization and openness to others

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Pre-Analysis Plan – Additional Survey

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This document complements the existing pre-analysis plan and specifies the analysis for an additional survey that aims to measure correlates of previously used outcomes with other outcome measures. In this complementary study, we will recruit 100 participants from Prolific to answer a short survey that includes the following modules:

- Policy preferences, identical to the questions previously used in the main experimental survey
- Donation preferences
- Demographic questions, identical to the questions previously used in the main experimental survey

Policy Preferences Module (as per previously used survey):

We would now like to ask you your opinion about three policies. You can move the slider left or right depending on how close your opinion is to the wording provided above the values 0 and 10.

In most cases, abortion should be:

Illegal Legal

0 1 2 3 4 5 6 7 8 9 10



Current gun laws in the United States are

Too strict Too lenient

0 1 2 3 4 5 6 7 8 9 10



Legal immigrants in the United States today

Burden the country by taking jobs, health care and housing Strengthen the country through hard work and talent

0 1 2 3 4 5 6 7 8 9 10



Donation Allocation Module:

The donation allocation module will ask survey respondents how much they would like to allocate of \$30 endowment across six charities, two per policy area (one pro and one against). The sum of all donation amounts must be \$30, and the respondents won't have the option to keep any amount for themselves (unlike in a dictator game). The charities will be listed in a random order and will include a one-sentence brief description about their mission, and there will be a hyperlink in case respondents wish to visit their website prior to deciding. Due to Qualtrics programming limitations, we will not be able to see whether a respondent clicked on any link, but we make up for this by asking the respondents follow up questions. The chosen charities are purposefully neither the most well-known nor the largest in the country (e.g., we didn't include NRA) so to avoid recall or 'brand recognition' effects. The charities are roughly of the same size and outreach capacity.

The list below shows the selected charities, the associated brief description copy-pasted from the charity Mission as stated on their website, and the hyperlink to the charity webpage, in the same manner it will be shown in the survey to the respondents.

Q1 [this question will have a hidden timer]: *“You will now be asked to complete three decision-making tasks that involve real money. In each of these tasks, you will be asked to allocate \$30 USD between two charities. You are free to allocate the money as you prefer. At the end of the study, 10% of the completed surveys will be picked at random and, for each of these surveys, one of the allocation decision, also picked at random, will be implemented. That is, we will donate the money corresponding to the respondent’s choice to the charities involved in the decision. The funds for this part of the survey have been provided for the purpose of academic research.*

Please carefully read the brief description next to each charitable organization and indicate the amount of money that you would like us to donate to each of the following charities.

For each charity, you will be able to read the name, a short one-sentence description, and click on a link to their website in case you want to learn more about them.

[The three policy areas are displayed in random order, and the two charities within each policy group are also displayed in random order]

Please indicate how you would allocate \$30 between these two charities: (write any number between 0 and 30 next to each charity. The sum will have to add to 30).

National Abortion Federation is a [pro-abortion](#) charity whose mission is to support abortion providers in delivering patient-centered care. If interested, you can read more about this organization by clicking [here](#).

PROLIFE Across AMERICA is an [anti-abortion](#) non-profit organization dedicated to changing hearts and saving babies' lives. If interested, you can read more about this organization by clicking [here](#).

Total

Please indicate how you would allocate \$30 between these two charities: (write any number between 0 and 30 next to each charity. The sum will have to add to 30).

NumberUSA is an organization that advocates stricter immigration controls and lower the number of legal immigrants coming to the U.S. every year. If interested, you can read more about this organization by clicking [here](#).

The **American Immigration Council** is a pro-immigration organization dedicated to promoting policies that improve access to migration pathways for legal immigrants in the U.S. If interested, you can read more about this organization by clicking [here](#).

Total

Please indicate how you would allocate \$30 between these two charities: (write any number between 0 and 30 next to each charity. The sum will have to add to 30).

Second Amendment Foundation is a pro-gun ownership organization dedicated to promoting a better understanding about Constitutional heritage to privately own and possess firearms. If interested, you can read more about this organization by clicking [here](#).

Brady Campaign To Prevent Gun Violence is an organization that advocates for stricter gun control laws and against gun violence. If interested, you can read more about this organization by clicking [here](#).

Total

After deciding how much they would like to allocate the \$30 across the charities, participants will be asked the following additional questions.

Q2: *If interested, we will send you a copy of the donations made and let you know if your decision was among the ones picked at random. We will only send you one email with the results of the draw to your Prolific email address, and we will then permanently delete your email from our data. Would you like to receive an email about the outcome of the draw?*

- a. Yes
- b. No

Q3: *Look at the list of six charities below. Have you ever heard of them prior to this study? Remember that you weren't expected to know any of these organizations prior to this study. This question is purely for academic research purposes.*

- c. Scale question, for each charity, with options: “never heard before”, “Not sure / can't remember”, “Heard at least once before”, “I know the organization well”.

Q4: *In the previous question, did you click on any of the links to the webpages of any of the organizations? Remember, you weren't expected to, we are just asking you this question for academic research purposes.*

- d. Charity 1 – Yes, I clicked on the link and visited their website / No I didn't
- e. Charity 2 – etc.

Q5: *Looking at the list of charities again, can you indicate for each one if their mission can be defined as more pro or against [abortion/immigration/gun laws]?*

Outcome measures and analysis

We are primarily interested in the following outcomes:

Outcome	Measure/Unit	Analysis
Primary: Correlation between policy preferences and donation preferences	For each policy, correlation between 0 to 10 score from the policy preferences question and donation percentage out of \$100 endowment	Simple correlation score and visual plots with percentage donation (0 to 100) on the x-axis and policy view score (0 to 10) on the y-axis, for each of the three policies. We will also perform a t-test of the distribution of donation preferences for each policy for the subgroups of individuals pro or against each policy.

We will then replicate the correlation and t-test scores excluding the subset of respondents who display less attention or interest in the survey as follows:

- Respondents who erroneously recall at least 50% of the charities' missions
- Respondents who have no interest in the donation outcome
- Respondents who spent less than 5 seconds in the donation allocation module (measured via a hidden timer)

Appendix

We chose the following charities based on the following criteria:

- National coverage
- Between \$5 and \$10M in annual revenues
- At least 85% overall score from Charity Navigator as of December 2023
- At least 3 stars out of 4 as overall rating from Charity Navigator as of December 2023
- Name and website URL that is as self-explanatory as possible.

Charity name	Mission	Website	Charity navigator score
National Abortion Federation	The mission of the National Abortion Federation (NAF) is to unite, represent, serve, and support abortion providers in delivering patient-centered, evidence-based care. NAF is the professional association of abortion providers in North America.	https://prochoice.org/	96%
Prolife Across America	Prolife Across America is a non-profit, non-political organization dedicated to changing hearts and saving babies' lives. We are committed to bringing positive, persuasive messages, offering information and alternatives--including adoption--and post abortion assistance to those in need.	https://prolifeacrossamerica.org/	88%
NumberUSA	NumbersUSA is a non-profit, non-partisan immigration-reduction organization. We conduct research on the impacts of high numerical levels of immigration and educate the public, opinion leaders and policy makers on the results of those and other studies. Undergirding our work are beliefs in environmental sustainability, economic justice, the rule of law, and individual liberty, and opposition to federal immigration policies that threaten these values by forcing massive U.S. population growth.	https://www.numbersusa.org/	100%

<p>American Immigration Council</p>	<p>The American Immigration Council exists to promote the prosperity and cultural richness of our diverse nation by educating citizens about the enduring contributions of America's immigrants, standing up for sensible and humane immigration policies that reflect American values, insisting that our immigration laws be enacted and implemented in a way that honors fundamental constitutional and human rights, working tirelessly to achieve justice and fairness for immigrants under the law.</p>	<p>https://www.americanimmigrationcouncil.org/</p>	<p>97%</p>
<p>Second Amendment Foundation</p>	<p>The Second Amendment Foundation, founded in 1974 by Alan Gottlieb, is dedicated to promoting a better understanding about our Constitutional heritage to privately own and possess firearms. To that end, we carry on many educational and legal action programs designed to better inform the public about the gun control debate.</p>	<p>https://saf.org/</p>	<p>93%</p>
<p>Brady Campaign To Prevent Gun Violence</p>	<p>Brady Campaign To Prevent Gun Violence is an organization that advocates for stricter gun control laws and against gun violence.</p>	<p>https://www.bradyunited.org/</p>	<p>99%</p>