Pre **For the items below, please rate them according to how strongly you agree (or disagree with them)**

Q146 Again, please answer the following questions by selecting the choice that best reflects how much **you** agree or disagree with the following statements.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Strongly disagree | Disagree | Somewhat disagree | Neither agree nor disagree | Somewhat agree | Agree | Strongly agree |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate () |  |
| Our government needs to implement Universal Health Care because basic population needs are not being met () |  |
| Capital Punishment (the Death Penalty) is necessary in America () |  |
| Slavery, forced labor and human trafficking are violations of human rights () |  |

End of Block: Cover Letter and Pretest

Start of Block: Ethical Standards of Judgement Questionnaire

UTIL Please answer the following questions by selecting the choice that best reflects **how much you agree or disagree with the following statements.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Strongly Disagree (1) | Disagree (2) | Neither Agree or Disagree (3) | Agree (4) | Strongly Agree (5) |
| When people disagree over ethical matters, I strive for workable compromises (1) |  |  |  |  |  |
| When thinking of ethical problems, I try to develop practical, workable alternatives (2) |  |  |  |  |  |
| It is of value to societies to be responsive and adapt to new conditions as the world changes (3) |  |  |  |  |  |
| Solutions to ethical problems usually are seen as some shade of grey (4) |  |  |  |  |  |
| When making an ethical decision, one should pay attention to others' needs, wants, and desires (5) |  |  |  |  |  |
| The purpose of the government should be to promote the best possible life for it's citizens (6) |  |  |  |  |  |

|  |  |
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| Page Break |  |

DEON Please answer the following questions by selecting the choice that best reflects **how much you agree or disagree with the following statements.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Strongly Disagree (1) | Disagree (2) | Neither Agree or Disagree (3) | Agree (4) | Strongly Agree (5) |
| Solutions to ethical problems are usually black and white (1) |  |  |  |  |  |
| A person's actions should be described in terms of being right or wrong (2) |  |  |  |  |  |
| A nation should pay the most attention to it's heritage, it's roots (3) |  |  |  |  |  |
| Societies should follow stable traditions and maintain a distinctive identity (4) |  |  |  |  |  |
| Uttering a falsehood is wrong because it wouldn't be right for anyone to lie (5) |  |  |  |  |  |
| Unethical behavior is best described as a violation of some principle of the law (6) |  |  |  |  |  |

End of Block: Ethical Standards of Judgement Questionnaire

Start of Block: Social Consensus - High

Int\_1 **[2018 Public Opinion Survey Estimation Exercise]**   In 2018, some research institutes jointly conducted a survey of American peoples' opinions about a variety of social and scientific issues, with a random sample of 2,325 ordinary American people. We would like you to try to estimate what public perception was for these issues in 2018.

|  |  |
| --- | --- |
| Page Break |  |

Post\_Intervention For the items below, please estimate what percentage of the general American public **(from the 2018 survey)** would **agree** on each of the following:

Post\_Int\_1 "Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Post\_Int\_2 "Our government needs to implement Universal Health Care because basic population needs are not being met"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Post\_Int\_3 "Capital Punishment (the Death Penalty) is necessary in America"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Post\_Int\_4 "Slavery, forced labor and human trafficking are violations of human rights"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

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| Page Break |  |

Q111 Thank you for estimating the percentage of the general American public **in 2018** that agreed with the previous four statements! We would like you to briefly review the **actual results** of the survey below and then answer a few more related questions.

Q112 **69%** of the American Public agrees that Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate a great deal.  
  
**83%** of the American Public agrees that the US government needs to implement Universal Health Care because basic population needs are not being met.  
  
**80%** of the American Public agrees that Capital Punishment (the Death Penalty) is necessary in the US.  
  
**99%** of the American Public agrees that slavery, forced labor, and human trafficking are violations of human rights.

Q114 Please answer the following questions by selecting the choice that best reflects **your level of surprise** at the results of the public survey

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Not Surprised (1) | Slightly Surprised (2) | Somewhat Surprised (3) | Surprised (4) | Very Surprised (5) |
| "Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate." (1) |  |  |  |  |  |
| "The US government needs to implement Universal Health Care because basic population needs are not being met." (2) |  |  |  |  |  |
| "Capital Punishment (the Death Penalty) is necessary in the US." (3) |  |  |  |  |  |
| "Slavery, forced labor, and human trafficking are violations of human rights." (4) |  |  |  |  |  |

|  |  |
| --- | --- |
| Page Break |  |

Q115 For the items below, please estimate what percentage of the **CURRENT**(that is, **2023**) general American public would **agree** on each of the following:

Q116 "Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q117 "Our government needs to implement Universal Health Care because basic population needs are not being met"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q118 "Capital Punishment (the Death Penalty) is necessary in America"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q119 "Slavery, forced labor and human trafficking are violations of human rights"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
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| Page Break |  |

Q120 Finally, we would like you to please rank **your own agreement** with the previously mentioned survey items.

Q121 Again, please answer the following questions by selecting the choice that best reflects how much **you** agree or disagree with the following statements.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Strongly disagree | Disagree | Somewhat disagree | Neither agree nor disagree | Somewhat agree | Agree | Strongly agree |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate () |  |
| Our government needs to implement Universal Health Care because basic population needs are not being met () |  |
| Capital Punishment (the Death Penalty) is necessary in America () |  |
| Slavery, forced labor and human trafficking are violations of human rights () |  |

|  |  |
| --- | --- |
| Page Break |  |

Q83 Now that you have completed the exercise, we would like to ask you some follow-up questions. Please complete the following items

Free\_Response\_P\_Int What are things you liked about the exercise you just completed?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Free\_Response\_N\_Int What are challenges you had with the exercise you just completed?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q25 Lastly, please answer the following demographic questions. You are free to skip any of these questions.

Q81 In politics people sometimes talk of ‘left’ and ‘right’. Where would you place **yourself** on a scale from 1 to 11 where 1 means extreme left and 11 means extreme right?

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | 3 (3) | 4 (4) | 5 (5) | 6 (6) | 7 (7) | 8 (8) | 9 (9) | 10 (10) | 11 (11) |  |
| Left |  |  |  |  |  |  |  |  |  |  |  | Right |

|  |
| --- |
|  |

Age\_Int What is your age?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gender\_Int To which gender identity do you most identify?

* Male (1)
* Female (2)
* Gender Variant/Non-conforming (3)

Race\_Int How would you best characterize your race/ethnicity? (check all that apply)

* Caucasian/White (1)
* African-American/Black (2)
* Asian/Pacific Islander (3)
* American Indian/Alaska Native (4)
* Hispanic/Latino(a) (5)
* Other (6)

School\_Year\_Int What is your year in school?

* Freshman (1)
* Sophmore (2)
* Junior (3)
* Senior (4)
* Other (5)

End of Block: Social Consensus - High

Start of Block: Social Consensus - Low

Q161 **[2018 Public Opinion Survey Estimation Exercise]**   In 2018, some research institutes jointly conducted a survey of American peoples' opinions about a variety of social and scientific issues, with a random sample of 2,325 ordinary American people. We would like you to try to estimate what public perception was for these issues in 2018.

|  |  |
| --- | --- |
| Page Break |  |

Q162 For the items below, please estimate what percentage of the general American public **(from the 2018 survey)** would **agree** on each of the following:

Q163 "Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q164 "Our government needs to implement Universal Health Care because basic population needs are not being met"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q165 "Capital Punishment (the Death Penalty) is necessary in America"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q166 "Slavery, forced labor and human trafficking are violations of human rights"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

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| --- | --- |
| Page Break |  |

Q167 Thank you for estimating the percentage of the general American public **in 2018** that agreed with the previous four statements! We would like you to briefly review the **actual results** of the survey below and then answer a few more related questions.

Q168 **29%** of the American Public agrees that Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate a great deal.  
  
**43%** of the American Public agrees that the US government needs to implement Universal Health Care because basic population needs are not being met.  
  
**40%** of the American Public agrees that Capital Punishment (the Death Penalty) is necessary in the US.  
  
**99%** of the American Public agrees that slavery, forced labor, and human trafficking are violations of human rights.

Q169 Please answer the following questions by selecting the choice that best reflects **your level of surprise** at the results of the public survey

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Not Surprised (1) | Slightly Surprised (2) | Somewhat Surprised (3) | Surprised (4) | Very Surprised (5) |
| "Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate." (1) |  |  |  |  |  |
| "The US government needs to implement Universal Health Care because basic population needs are not being met." (2) |  |  |  |  |  |
| "Capital Punishment (the Death Penalty) is necessary in the US." (3) |  |  |  |  |  |
| "Slavery, forced labor, and human trafficking are violations of human rights." (4) |  |  |  |  |  |

|  |  |
| --- | --- |
| Page Break |  |

Q170 For the items below, please estimate what percentage of the **CURRENT**(that is, **2023**) general American public would **agree** on each of the following:

Q171 "Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q172 "Our government needs to implement Universal Health Care because basic population needs are not being met"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q173 "Capital Punishment (the Death Penalty) is necessary in America"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| () |  |

Q174 "Slavery, forced labor and human trafficking are violations of human rights"

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
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| --- | --- |
| Page Break |  |

Q175 Finally, we would like you to please rank **your own agreement** with the previously mentioned survey items.

Q176 Again, please answer the following questions by selecting the choice that best reflects how much **you** agree or disagree with the following statements.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Strongly disagree | Disagree | Somewhat disagree | Neither agree nor disagree | Somewhat agree | Agree | Strongly agree |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

|  |  |
| --- | --- |
| Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate () |  |
| Our government needs to implement Universal Health Care because basic population needs are not being met () |  |
| Capital Punishment (the Death Penalty) is necessary in America () |  |
| Slavery, forced labor and human trafficking are violations of human rights () |  |

|  |  |
| --- | --- |
| Page Break |  |

Q177 Now that you have completed the exercise, we would like to ask you some follow-up questions. Please complete the following items

Q178 What are things you liked about the exercise you just completed?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Q179 What are challenges you had with the exercise you just completed?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Q180 Lastly, please answer the following demographic questions. You are free to skip any of these questions.

Q82 In politics people sometimes talk of ‘left’ and ‘right’. Where would you place **yourself** on a scale from 1 to 11 where 1 means extreme left and 11 means extreme right?

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | 3 (3) | 4 (4) | 5 (5) | 6 (6) | 7 (7) | 8 (8) | 9 (9) | 10 (10) | 11 (11) |  |
| Left |  |  |  |  |  |  |  |  |  |  |  | Right |

|  |
| --- |
|  |

Q181 What is your age?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q182 To which gender identity do you most identify?

* Male (1)
* Female (2)
* Gender Variant/Non-conforming (3)

Q183 How would you best characterize your race/ethnicity? (check all that apply)

* Caucasian/White (1)
* African-American/Black (2)
* Asian/Pacific Islander (3)
* American Indian/Alaska Native (4)
* Hispanic/Latino(a) (5)
* Other (6)

Q184 What is your year in school?

* Freshman (1)
* Sophmore (2)
* Junior (3)
* Senior (4)
* Other (5)

End of Block: Social Consensus - Low

Start of Block: Single Item Health Literacy Screener

SILS\_1 Please answer the following question by selecting the choice that best reflects **how good you are at doing the following task**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Never (1) | Occasionally (2) | Sometimes (3) | Often (4) | Always (5) |
| How confident are you filling out medical forms by yourself? (4) |  |  |  |  |  |

End of Block: Single Item Health Literacy Screener

Start of Block: Subjective Numeracy Block

SubjScaleIntro For each of the following questions, please choose the value that best reflects **how good you are at doing the following things**

SNS\_1 How good are you at working with fractions?

|  |  |  |
| --- | --- | --- |
|  | **Not at all good** | **Extremely good** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

|  |  |
| --- | --- |
| () |  |

SNS\_2 How good are you at working with percentages?

|  |  |  |
| --- | --- | --- |
|  | **Not at all good** | **Extremely good** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

|  |  |
| --- | --- |
| () |  |

SNS\_3 How good are you at calculating a 15% tip?

|  |  |  |
| --- | --- | --- |
|  | **Not at all good** | **Extremely good** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

|  |  |
| --- | --- |
| () |  |

SNS\_4 How good are you at figuring how much a shirt will cost if it is 25% off?

|  |  |  |
| --- | --- | --- |
|  | **Not at all good** | **Extremely good** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

|  |  |
| --- | --- |
| () |  |

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| Page Break |  |

SubjScaleIntro2 For each of the following questions, please choose the value that **best reflects your answer**

SNS\_5 When reading the newspaper, how **helpful** do you find tables and graphs that are parts of a story?

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|  | **Not at all helpful** | **Extremely helpful** |

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|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

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SNS\_6 When people tell you the chance of something happening, do you prefer that they use **words** ("it rarely happens") or **numbers** ("there's a 1% chance")?

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|  | **Always Prefer Words** | **Always Prefer Numbers** |

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|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

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SNS\_7 When you hear a weather forecast, do you prefer predictions using **percentages** (e.g., "there will be a 20% chance of rain today") or predictions using only **words** (e.g., "there is a small chance of rain today")?

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|  | **Always Prefer Percentages** | **Always Prefer Words** |

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|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

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SNS\_8 How **often** do you find numerical information to be useful?

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|  | **Never** | **Very Often** |

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|  | 1 | 2 | 3 | 4 | 4 | 5 | 6 |

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End of Block: Subjective Numeracy Block

Start of Block: Number Line Block

number\_intro For each of the following questions, please use your reasoning and give your **best possible answer**

NZ1\_A Please place each fractional number where you believe it should be on the number line (**0** to **1**)

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| --- | --- | --- |
|  | 0 | 1 |

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| --- | --- |
| 1/19 () |  |
| 1/7 () |  |
| 1/4 () |  |
| 3/8 () |  |
| 1/2 () |  |

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| --- | --- |
| Page Break |  |

NZ1\_B Please place each fractional number where you believe it should be on the number line (**0** to **1**)

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| --- | --- | --- |
|  | 0 | 1 |

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| --- | --- |
| 4/7 () |  |
| 2/3 () |  |
| 7/9 () |  |
| 5/6 () |  |
| 12/13 () |  |

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| Page Break |  |

NZ5\_A Please place each fractional number where you believe it should be on the number line (**0** to **5**)

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| --- | --- | --- |
|  | 0 | 5 |

|  |  |
| --- | --- |
| 1/19 () |  |
| 4/7 () |  |
| 7/5 () |  |
| 13/9 () |  |
| 8/3 () |  |

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NZ5\_B Please place each fractional number where you believe it should be on the number line (**0** to **5**)

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|  | 0 | 5 |

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| 11/4 () |  |
| 10/3 () |  |
| 7/2 () |  |
| 17/4 () |  |
| 9/2 () |  |

End of Block: Number Line Block

Start of Block: Debrief

Debrief     **Impact of Social Consensus on Support for Universal Health Care**   
- Debrief Dear Participant,  
During this study, you were asked to predict what public approval in 2018 was for several scientific and social issues, as well as to estimate what it would be in current (2023) times. Additionally, we asked you to rate your own level of agreement with the four aforementioned issues.  
You were told that the purpose of the research study was to examine how individual differences affect the accuracy of recollections.  
The actual purpose of the study was to investigate how various characteristics of social perception, as well as individual differences in people, could or would have a direct effect on support for Universal Health Care.   
We did not tell you everything at the beginning of the study because we were trying to directly determine if outside perception of greater social consensus would 'over-ride' individual preferences one way or another for greater support of Universal Health Care. To describe in a simple way, we thought that if we could get you to believe that the general public was in favor of something (which we did by giving you the false feedback) you may become more likely to favor it.  
If you have any concerns about your participation or the data you provided during the study, please discuss these concerns with us. We will be happy to provide you with any explanations or information to ease your concerns.  
  
Of note, the actual values from real, recent surveys, circa 2017-2019 are provided below for your edification.  
  
**49%** of the American Public agrees that Greenhouse gas emissions generated by human activity has and will continue to change Earth's climate a great deal.  
**63%** of the American Public agrees that the US government needs to implement Universal Health Care because basic population needs are not being met.  
**60%** of the American Public agrees that Capital Punishment (the Death Penalty) is necessary in the US.  
Additionally the question on "slavery, forced labor, and human trafficking are violations of human rights." was an entirely falsified question, placed at an obviously artificially high value to provide some calibration in social perception.  
Now that you have been told the true purpose of the study, you have the option to have your data removed from the study. Please let the researcher know if you do not want your data to be used in this research and it will be removed.  
  
 **The responses in this study cannot be linked to you.**   
We would like you to know that we really appreciate your time in helping with this research and are always happy to answer any questions that you might have about it. If you have any additional questions about the study, you can reach me by email at sxdff5@mail.missouri.edu. **Thank you, specifically**for your participation. Really, it helps out a ton!  
 - Sean Duan  
If you have questions about your rights as a research participant or want to report a complaint, please contact the Institutional Review Board at the University of Missouri at 573-882-3181, 310 Jesse Hall, Columbia, MO 65211, or at umcresearchcirb@missouri.edu

End of Block: Debrief

Start of Block: Rasch Numeracy Block

RaschIntro For each of the following questions, please use your reasoning and give your **best possible answer**

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RNS\_1 If it takes ﬁve machines 5 minutes to make ﬁve widgets, how long would it take 100 machines to make 100 widgets?

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RNS\_2 A bat and a ball cost $1.10 in total. The bat costs $1.00 more than the ball. How much does the ball cost?

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RNS\_3 In the ACME PUBLISHING SWEEPSTAKES, the chance of winning a car is 1 in 1000. What percent of tickets of ACME PUBLISHING SWEEPSTAKES win a car?

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RNS\_4 In the BIG BUCKS LOTTERY, the chances of winning a $10.00 prize are 1%. What is your best guess about how many people would win a $10.00 prize if 1000 people each buy a single ticket from BIG BUCKS?

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RNS\_5 Imagine that we roll a fair, six-sided die 1000 times. Out of 1000 rolls, how many times do you think the die would come up as an even number?

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RNS\_6 If the chance of getting a disease is 20 out of 100, this would be the same as having a \_\_\_\_\_% chance of getting the disease

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RNS\_7 If the chance of getting a disease is 10%, how many people would be expected to get the disease out of 1000?

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RNS\_8 Suppose you have a close friend who has a lump in her breast and must have a mammogram. Of 100 women like her, 10 of them actually have a malignant tumor and 90 of them do not.  
Of the 10 women who actually have a tumor, the mammogram indicates correctly that 9 of them have a tumor and indicates incorrectly that 1 of them does not.  
Of the 90 women who do not have a tumor, the mammogram indicates correctly that 81 of them do not have a tumor and indicates incorrectly that 9 of them do have a tumor.   
The following table summarizes the information provided. Imagine that your friend tests positive (as if she has a tumor). What is the likelihood that she actually has a tumor?

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RaschTable

End of Block: Rasch Numeracy Block