Please read through the following Consent Form and then click "Next" at the bottom of this page to participate.
You are invited to participate in a research study that will ask about your opinions and attitudes. You must be at least 18 years of age to participate. Your participation will take less than 10 minutes. There are no risks associated with this study and your identity will be kept confidential.

**Participation**

If you decide to participate in this project, please understand your participation is voluntary and you may withdraw your consent or discontinue participation at any time without penalty. The alternative is not to participate. You have the right to refuse to answer particular questions. Your individual privacy will be maintained in all published and written data resulting from the study.

**Payment**

All participants will be paid within 7 days of completion of data collection.

**Contact Information**

If you have any questions, concerns or complaints about this research, its procedures, risks and benefits, contact the researcher, Woncheol Jeong at wonjeo@stanford.edu.

If you agree to participate in this research, please click to the next screen and complete the questionnaire.

**Default Question Block**

Please read the following instructions carefully:
For the next question, you will be watching a video to compare the sizes of a red bar and a blue bar. At first, only the red bar will be on the screen. 4 seconds later, the blue bar will appear for .2 seconds. You will be answering a question about the size of the blue bar relative to the size of the red bar.

The blue bar will not be aligned with the red bar. To give an example, in the picture below, the bottom of the red bar and the bottom of the blue bar are not aligned. In this example, the blue bar is 59% of the height of the red bar. If you wanted to give 63% as the answer, you would input "63".

You will never be paid based on accuracy, so please answer to the best of your ability. Also, please give the most precise answer you can; for example, it is unlikely that the relative size is exactly 75% or 50%.

You will have 15 seconds to watch the video and also answer the question.

These page timer metrics will not be displayed to the recipient.
First Click: 0 seconds
Last Click: 0 seconds
Page Submit: 0 seconds
Click Count: 0 clicks
Please play the video above and answer the following question:

The size of the blue bar was _% of the size of the red bar.

This question will automatically progress in 15 seconds.

Unemployment Question

For the next question, you will be watching a video to compare the unemployment rate in the United States in January 2009 and the unemployment rate in the United States in January 2016. At first, only the unemployment rate for January 2009 will be on the screen. 4 seconds later, the unemployment rate for January 2016 will appear for
You will be answering a question about the size of the blue bar relative to the size of the red bar.

You will have 15 seconds to watch the video and also answer the question.

The unemployment rate for January 2016 was _% of the unemployment rate for January 2009.

This question will automatically progress in 15 seconds.
Immigration Question

For the next question, you will be watching a video to compare the levels of unauthorized immigration to the United States in 2000 and unauthorized immigration to the United States in 2015. At first, only the unauthorized immigration to the United States in 2000 will be on the screen. 4 seconds later, the unauthorized immigration to the United States in 2015 will appear for .2 seconds. You will be answering a question about the size of the blue bar relative to the size of the red bar.

You will have 15 seconds to watch the video and also answer the question.

These page timer metrics will not be displayed to the recipient.

First Click: 0 seconds
Last Click: 0 seconds
Page Submit: 0 seconds
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The level of unauthorized immigration in 2015 was _% of the level of unauthorized immigration in 2000.

This question will automatically progress in 15 seconds.

For the next question, you will be watching a video to compare the levels of opposition to same-sex marriage in the United States in 2010 and opposition to same-sex marriage in the United States in 2012. At first, only the opposition to same-sex marriage in the United States in 2000 will be on the screen. 4 seconds later,
the opposition to same-sex marriage in the United States in 2012 will appear for .2 seconds. You will be answering a question about the size of the blue bar relative to the size of the red bar.

You will have 15 seconds to watch the video and also answer the question.

These page timer metrics will not be displayed to the recipient.
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Click Count: 0 clicks

Please play the video above and answer the following question:

The level of opposition to same sex marriage in 2012 was _% of the level of opposition to same sex marriage in 2010.

This question will automatically progress in 15 seconds.

These page timer metrics will not be displayed to the recipient.
crime question

For the next question, you will be watching a video to compare the rates of violent crimes in the United States in 1993 and violent crimes in the United States in 2015. At first, only the rate of violent crimes in the United States in 1993 will be on the screen. 4 seconds later, the rate of violent crimes in the United States in 2015 will appear for .2 seconds. You will be answering a question about the size of the blue bar relative to the size of the red bar.

You will have 15 seconds to watch the video and also answer the question.

These page timer metrics will not be displayed to the recipient.
First Click: 0 seconds
Last Click: 0 seconds
Page Submit: 0 seconds
Click Count: 0 clicks
Please play the video above and answer the following question:

The rate of violent crimes in 2015 was _% of the rate of violent crimes in 1993.

This question will automatically progress in 15 seconds.

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Last Click: 0 seconds
Page Submit: 0 seconds
Click Count: 0 clicks

temperature question

For the next question, you will be watching a video to compare the global average temperature in Celcius in January 2010 and the global average temperature in Celcius in January 2016. At first, only the global average temperature in Celcius in January 2010 will be on the screen. 4 seconds later, the global average temperature
in Celcius in January 2016 will appear for .2 seconds. You will be answering a question about the size of the blue bar relative to the size of the red bar.

You will have 15 seconds to watch the video and also answer the question.

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0.6

Please play the video above and answer the following question:

The global temperature in Celcius in January 2016 was _% of the global temperature in Celcius in January 2010.

This question will automatically progress in 15 seconds.

These page timer metrics will not be displayed to the recipient.
First Click: 0 seconds
In the following section of the survey, we will be asking you about your opinions and attitudes to various topics.

Each page will allow you to submit an answer after the timer finishes counting down, but the pages will not automatically progress.

**unemployment questionnaire**

Please answer the questions below.

<table>
<thead>
<tr>
<th>Much better</th>
<th>Moderately better</th>
<th>Slightly better</th>
<th>About the same</th>
<th>Slightly worse</th>
<th>Moderately worse</th>
<th>Much worse</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Would you say that as compared to one year ago, the nation's economy is now better, about the same, or worse?

What about 12 months from now? Compared to now, do you think the nation's economy will be better, about the same, or worse in 12 months?
Would you say that over the past year, the level of unemployment in the country has gotten better, stayed about the same, or gotten worse?

- Much better
- Moderately better
- Slightly better
- About the same
- Slightly worse
- Moderately worse
- Much worse

What do you think about the state of the economy these days in the United States?

<table>
<thead>
<tr>
<th>Very bad</th>
<th>Neither good nor bad</th>
<th>Very good</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
<td>1</td>
</tr>
</tbody>
</table>

Do you happen to know if the national unemployment rate as reported by the government is currently closer to 3%, 6%, 9%, or 12%?

- Closer to 3%
- Closer to 6%
- Closer to 9%
- Closer to 12%

In the past 5 years, have you personally been laid off from a job or experienced unemployment, or not?

- I have personally been laid off from a job or experienced unemployment in the past 5 years.
- I have not personally been laid off from a job or experienced unemployment in the past 5 years.

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Immigration questionnaire

How much of a problem do you think each of the following are in the country today?

<table>
<thead>
<tr>
<th></th>
<th>Not a problem at all</th>
<th>A small problem</th>
<th>A moderately big problem</th>
<th>A very big problem</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illegal immigration</td>
<td></td>
<td></td>
<td></td>
<td>〇</td>
</tr>
</tbody>
</table>

When people from other countries **legally** move to the United States to live and work, is this generally good for the U.S., generally bad for the U.S., or neither good nor bad?

- Extremely good
- Moderately good
- A little good
- Neither good nor bad
- A little bad
- Moderately bad
- Extremely bad

Do you agree strongly, agree somewhat, neither agree nor disagree, disagree somewhat, or disagree strongly with the following government policies toward unauthorized immigrants now living in the United States?

<table>
<thead>
<tr>
<th>Make all unauthorized immigrants felons and send them back to their home country.</th>
<th>Agree Strongly</th>
<th>Agree somewhat</th>
<th>Neither agree nor disagree</th>
<th>Disagree somewhat</th>
<th>Disagree strongly</th>
</tr>
</thead>
</table>
Have a guest worker program that allows unauthorized immigrants to remain in the United States in order to work, but only for a limited amount of time.

Allow unauthorized immigrants to remain in the United States and eventually qualify for U.S. citizenship, but only if they meet certain requirements like paying back taxes and fines, learning English, and passing background checks.

Allow unauthorized immigrants to remain in the United States and eventually qualify for U.S. citizenship, without penalties.

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samesex questionnaire

Do you think business owners who provide wedding-related services should be allowed to refuse services to same-sex couples if same-sex marriage violates their religious
beliefs, or do you think business owners should be required to provide services regardless of a couple's sexual orientation?

Should be allowed to refuse
Should be required to provide services

How strongly do you feel that way? Very strongly, moderately, or a little?

Very strongly
Moderately
A little

Do you agree strongly, agree somewhat, neither agree nor disagree, disagree somewhat, or disagree strongly with the following statements?

<table>
<thead>
<tr>
<th>Agree strongly</th>
<th>Agree somewhat</th>
<th>Neither agree nor disagree</th>
<th>Disagree somewhat</th>
<th>Disagree strongly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gay and lesbian couples should be allowed to legally marry.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Same sex marriage is against my religious beliefs.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

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crime questionnaire

How much of a problem do you think each of the following are in the country today?
Since 2008, do you think that crime in the country has gotten better, gotten worse, or stayed about the same?

Gotten better
Gotten worse
Stayed about the same
I don't know

Should federal spending on dealing with crime be increased, decreased, or kept the same?

<table>
<thead>
<tr>
<th>Statement 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increased a great deal</td>
</tr>
<tr>
<td>O</td>
</tr>
</tbody>
</table>

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20

temp questionnaire

You may have heard about the idea that the world's temperature may have been going up slowly over the past 100 years. What is your personal opinion on this? Do you think
this has probably been happening, or do you think it probably hasn't been happening?

Has probably been happening
Probably hasn't been happening

Assuming it's happening, if temperatures continue to go up in the future, would this be good, bad, or neither good nor bad?

Good
Bad
Neither good nor bad

Assuming it's happening, do you think a rise in the world's temperatures would be caused mostly by human activity, mostly by natural causes, or about equally by human activity and by natural causes?

Mostly by human activity
Mostly by natural causes
About equally by human activity and natural causes

Do you think the federal government should be doing more about rising temperatures, should be doing less, or is it currently doing the right amount?

<table>
<thead>
<tr>
<th>Answer</th>
<th>Should be doing a great deal more</th>
<th>Should be doing a moderate amount more</th>
<th>Should be doing a little more</th>
<th>Is doing the right amount</th>
<th>Should be doing a little less</th>
<th>Should be doing a moderate amount less</th>
<th>Should be doing a great deal less</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

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Please answer the following questions about your political beliefs.

<table>
<thead>
<tr>
<th></th>
<th>1- Extremely Liberal</th>
<th>2- Slightly Liberal</th>
<th>3- Liberal</th>
<th>4- Moderate</th>
<th>5- Slightly Conservative</th>
<th>6- Conservative</th>
<th>7- Extremely Conservative</th>
</tr>
</thead>
<tbody>
<tr>
<td>In general, do you</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>consider yourself</td>
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<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
<td>〇</td>
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<tr>
<td>liberal or conservative?</td>
<td></td>
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<tr>
<td>When it comes to</td>
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<td></td>
</tr>
<tr>
<td>SOCIAL policy, do you</td>
<td>〇</td>
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<td>〇</td>
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<tr>
<td>consider yourself</td>
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<tr>
<td>liberal or conservative?</td>
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<tr>
<td>When it comes to</td>
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<tr>
<td>ECONOMIC policy, do you</td>
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<tr>
<td>consider yourself</td>
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<td></td>
</tr>
<tr>
<td>liberal or conservative?</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Click to write the question text

<table>
<thead>
<tr>
<th></th>
<th>Not at all - 1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Great Deal - 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>To what extend do you support the Democratic Party?</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>To what extent do you support the Republican Party?</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>To what extent do you support the Green Party?</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
To what extent do you support the Tea Party?

Not at all - 1  2  3  4  Great Deal - 5

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Demographics

Please select which gender you most identify as.

Male
Female
Other (please specify)

Please select which race / ethnicity you most identify as.

White / Caucasian
Black / African-American
Latino / Hispanic
Asian / Asian-American
Other (please specify)

With what religion would you say you most closely identify?

Buddhist
Catholic
Hindu
Jewish
Muslim
Mormon
Protestant – Evangelical
Protestant – Mainline/non-Evangelical

[ ] Protestant – Other (please specify)

[ ] Christian – Other (please specify)

[ ] Other religion (please specify)

Atheist
None