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 3 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.
In the graph above, the height of bar A is _% of the height of bar B.

50%
100%
200%
400%
1000%

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Please answer the questions below about the graph above. The submit button will be enabled after 5 seconds.

Which bar is shorter?

A  
B

Please answer the following as accurately as possible with a quick visual judgment: The height of the smaller bar is _% of the height of the taller bar.

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Click Count: 0 clicks
Default Question Block

Please read the following instructions carefully:

For the next question, you will be watching a video to compare the sizes of bar A and bar B. At first, no bar will be on the screen. 4 seconds later, both bars will appear for .2 seconds. You will be answering a question about the size of the shorter bar relative to the size of the taller bar.

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 20 seconds to watch the video and also answer the question.

The submit button for this question will unlock after 10 seconds.

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Page Submit: 0 seconds
Click Count: 0 clicks
Please play the video above and answer the following questions:

Which bar was shorter?
A
B

The height of bar A is _% of the height of bar B.

The height of bar B is _% of the height of bar A.

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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, no bar will be on the screen. 4 seconds later, both bars will appear for .2 seconds. Similarly to before, you will be asked to compare the two values.

You will have 20 seconds to watch the video and also answer the question.

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Click Count: 0 clicks

Please play the video above and answer the questions below.

This section will automatically progress in 20 seconds.
What was smaller?

The unemployment rate for January 2009
The unemployment rate for January 2016

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

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

**Immigration Question**

For the next question, you will be watching a video to compare the level of unauthorized immigration to the United States in 2000 and the level of unauthorized immigration to the United States in 2015. At first, no bar will be on the screen. 4 seconds later, both bars will appear for .2 seconds. Similarly to before, you will be asked to compare the two values.

You will have 20 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
Please play the video above and answer the questions below.

This section will automatically progress in 20 seconds.

What was smaller?

The level of unauthorized immigration in 2000
The level of unauthorized immigration in 2015

The level of unauthorized immigration in 2015 was _% of the level of unauthorized immigration in 2000.

The level of unauthorized immigration in 2000 was _% of the level of unauthorized immigration in 2015.
samesex question

For the next question, you will be watching a video to compare the level of opposition to same-sex marriage in the United States in 2010 and the level of opposition to same-sex marriage in the United States in 2012. At first, no bar will be on the screen. 4 seconds later, both bars will appear for .2 seconds. Similarly to before, you will be asked to compare the two values.

You will have 20 seconds to watch the video and also answer the question.
Please play the video above and answer the questions below.

This section will automatically progress in 20 seconds.

What was smaller?

The level of opposition to same sex marriage in 2010
The level of opposition to same sex marriage in 2012

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

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

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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, no bar will be on the screen. 4 seconds later, both bars will appear for .2 seconds. Similarly to before, you will be asked to compare the two values.

You will have 20 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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Last Click: 0 seconds
Page Submit: 0 seconds
Click Count: 0 clicks

Please play the video above and answer the questions below.
This section will automatically progress in 20 seconds.

What was smaller?

The rate of violent crimes in the United States in 1993
The rate of violent crimes in the United States in 2015

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

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

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

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temperature question

For the next question, you will be watching a video to compare the global average temperature in January 2010 and the global average temperature in January 2016. At first, no bar will be on the screen. 4 seconds later, both bars will appear for .2 seconds. Similarly to before, you will be asked to compare the two values.

You will have 20 seconds to watch the video and also answer the question.
Please play the video above and answer the questions below.

This section will automatically progress in 20 seconds.

What was smaller?

The global average temperature in January 2010
The global average temperature in January 2016

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

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

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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.

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

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

○  ○  ○  ○  ○  ○  ○  ○
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?

<table>
<thead>
<tr>
<th></th>
<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>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></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>
<tbody>
<tr>
<td>During Barack Obama’s presidency, the nation’s economy improved.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>During Barack Obama’s presidency, the nation’s unemployment has decreased.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</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.
Immigration questionnaire

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

<table>
<thead>
<tr>
<th>Problem</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>O</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Statement</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>
<tbody>
<tr>
<td>There is more illegal immigration today than there was in 2000.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

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?
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?

I strongly believe they should be allowed to refuse
I moderately believe they should be allowed to refuse
I somewhat believe they should be allowed to refuse
I somewhat believe they should be required to provide services
I moderately believe they should be required to provide services
I strongly believe they should be required to provide services

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>
<tr>
<td>Gay and lesbian couples face more opposition in society today than they did 6 years ago.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

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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>Crime</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gun Violence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In the past 20 years, do you think that the crime rate in the country has decreased, increased, or stayed about the same?

Decreased
Increased
Stayed about the same
I don't know

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

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Please answer the following questions about your political beliefs.

1- Extremely Liberal
2- Slightly Liberal
3- Liberal
4- Moderate
5- Slightly Conservative
6- Conservative
7- Extremely Conservative

In general, do you consider yourself liberal or conservative?

○ ○ ○ ○ ○ ○ ○ ○ ○
<table>
<thead>
<tr>
<th>1 - Extremely Liberal</th>
<th>2 - Liberal</th>
<th>3 - Slightly 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>When it comes to SOCIAL policy, do you consider yourself liberal or conservative?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>When it comes to ECONOMIC policy, do you consider yourself liberal or conservative?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

Click to write the question text

<table>
<thead>
<tr>
<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>
<td>[ ]</td>
</tr>
<tr>
<td>To what extent do you support the Republican Party?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>To what extent do you support the Green Party?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>To what extent do you support the Tea Party?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

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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