# Study 1

## Instructions

Thank you for your interest in this survey! We are interested in how different people make estimates for different types of trivia questions. If you choose to participate, you will be asked to predict the final score of a few football games that will occur this Saturday, November 28. You do not have to know anything about football to participate. After the guessing task, you will be asked some anonymous demographic questions. This survey takes under 10 minutes, and MTurk participants who complete the survey and provide the code at the end will receive compensation as indicated in the HIT. To participate, please continue to the next page when the arrows appear. If you wish to quit, you may close your browser.

In the first section of the survey you will be asked to guess the outcome of a few football games. The most accurate participant will get an MTurk bonus of $5\*!

When they appear, click on the arrows to continue.

\*Winner will be notified after the games scores in the future are observed.

## Variables

*Variable names are in bold, explanations and question text are in regular font.*

For the Ohio State Buckeyes vs the Michigan Wolverines game, what will be the final score? (Enter your guess for each team below by typing in numbers)

**osu.predictions** Ohio State:

**um.predictions** University of Michigan:

**Team** Do you cheer for the Wolverines, the Buckeyes, or neither?

* Wolverines (0)
* Buckeyes (1)
* Neither (99)

# Study 2

## Instructions

Thank you for your interest in this survey, conducted by researchers at the University of Michigan (contact: cclabresearch [at] umich.edu). We are interested in how different people make estimates for different types of trivia or prediction questions. If you choose to participate, you will be given a set of trivia-like questions and asked to answer with your best guess. You will also be asked some anonymous demographic questions. This survey takes under 15 minutes, and MTurk participants who complete the survey and provide the code at the end will receive compensation.To thank you for doing your best, we'll enter the most accurate participants (top 10%) into a raffle to win $10. (The raffle will be conducted no later than March 20th). To participate, please continue to the next page. If you wish to quit, you may close your browser. (The "continue" arrows will appear below momentarily).

In the upcoming sections, you'll be asked to predict the future. Specifically, you'll be asked to guess about the percentage of votes that each candidate will get in a particular primary election. After each question, you'll see a text box where you can type in your guess. You can use whatever strategy you like to make your predictions, we just ask that you do your best! When you're ready, click the arrows to continue.

*These instructions correspond to different sets of questions, as is noted in the text:*

Make your best guess for the questions below about how the Republican candidates will fare in New Hampshire.

Make your best guess for the questions below about how the Democratic candidates will fare in New Hampshire.

Make your best guess for the questions below about how the Republican candidates will fare in Ohio.

Make your best guess for the questions below about how the Democratic candidates will fare in Ohio.

## Variables

*Variable names are in bold, explanations and question text are in regular font.*

**sex** Please indicate your gender

* female, male

**age\_c** Please indicate your age:

**edu** What is your highest educational attainment?

* Some high school (1)
* Completed high school (2)
* Some college or technical school (3)
* Completed college (4)
* Some post-graduate education (5)
* Post-graduate degree (MD, PhD, MS, etc.) (6)

**minority** Recoded from ethnicity question. 0 indicates Caucasian/White, 1 indicates non-White ethnicity

**religious** Recoded from religious affiliation question. 0 indicates “non-religious” response, 1 indicates a religion was chosen.

**political** Please indicate your political orientation:

* very liberal (1)
* liberal (2)
* slightly liberal (3)
* moderate (4)
* slightly conservative (5)
* conservative (6)
* very conservative (7)

**politID2** With which group do you most affiliate?

* Republican (1)
* Democrat (2)
* Libertarian (3)

For the variables below, the names reflect the candidate surnames and the states to which the questions referred to.

Example question:

What percentage of votes will Donald Trump receive in the New Hampshire primary election? (Answer must range between 0 and 100. Type in your number below, no % needed.)

**trumpNH**

**rubioNH**

**cruzNH**

**kasichNH**

**bushNH**

**sandersNH**

**clintonNH**

**malleyNH**

**trumpOH**

**rubioOH**

**cruzOH**

**kasichOH**

**bushOH**

**sandersOH**

**clintonOH**

**malleyOH**

For the items below (strategy1-strategy5), the responses correspond to this question:

Finally, please tell us a bit about your strategy as you answered the questions. How often did you use each strategy?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Never (1) | Sometimes (2) | About half the time (3) | Most of the time (4) | Always (5) |
| Random guessing (1) |  |  |  |  |  |
| Web searches for information (2) |  |  |  |  |  |
| Asking someone (3) |  |  |  |  |  |
| Reasoning a bit about the question (4) |  |  |  |  |  |
| Going with your gut/instinct (5) |  |  |  |  |  |

**strategy1**

**strategy2**

**strategy3**

**strategy4**

**strategy5**

# Study 3

## Instructions

Thank you for your interest in this survey, conducted by researchers at the University of Michigan (contact: cclabresearch [at] umich.edu). We are interested in how different people make estimates for different types of trivia questions. If you choose to participate, you will be given a set of trivia-like questions and asked to answer with your best guess. You will also be asked to indicate your opinion on a few different topics like the environment. You will be asked some anonymous demographic questions. This survey takes about 5-10 minutes, and MTurk participants who complete the survey and provide the code at the end will receive compensation. To participate, please continue to the next page. If you wish to quit, you may close your browser. (The "continue" arrows will appear below momentarily).

## Variables

*Variable names are in bold, explanations and question text are in regular font.*

**sex** Please indicate your gender

* Male (1)
* Female (2)

**ageC** Please indicate your age

**edu** What is your highest educational attainment?

* Some high school (1)
* Completed high school (2)
* Some college or technical school (3)
* Completed college (4)
* Some post-graduate education (5)
* Post-graduate degree (MD, PhD, MS, etc.) (6)

**minority** Recoded from ethnicity question. 0 indicates Caucasian/White, 1 indicates non-White ethnicity

**religious** Recoded from religious affiliation question. 0 indicates “non-religious” response, 1 indicates a religion was chosen.

**political** Please indicate your political orientation:

* very liberal (1)
* liberal (2)
* slightly liberal (3)
* moderate (4)
* slightly conservative (5)
* conservative (6)
* very conservative (7)

**q1**

What percentage of Americans favor forming a federal database to track gun sales? (Enter your guess by typing in numbers below.)

**q2**

What percentage of Americans are against the sale of assault-style weapons to the public? (Enter your guess by typing in numbers below.)

**q3**

What percentage of Americans favor building a fence along the entire Mexican border? (Enter your guess by typing in numbers below.)

**q4**

What percentage of Americans think the earth is getting warmer mostly because of human activity? (Enter your guess by typing in numbers below.)

**q5**

What percentage of Americans favor more offshore oil and gas drilling in the U.S.? (Enter your guess by typing in numbers below.)

**q6**

What percentage of Americans think abortion should be legal in all or most cases? (Enter your guess by typing in numbers below.)

**ethnicity** If you are an American citizen, permanent resident, or have a green card, what is your racial/ethnic background?  If you identify with more than one racial or ethnic group, please check all that apply.

* African American (1)
* White/Caucasian (2)
* American Indian (3)
* Asian American (4)
* Hispanic/Latino (5)
* Other (6)

The variables below correspond to these instructions and questions:

In this section, you will be asked to state the likelihood of each candidate obtaining their party's nomination in Iowa next February. Enter your guess, which should be a number between 0 (it's definitely not going to happen) to 100 (it's definitely going to happen).

**ptrump** What is the likelihood that Donald Trump will win the Republican presidential nomination in Iowa?

**pcruz** What is the likelihood that Ted Cruz will win the Republican presidential nomination in Iowa?

**pbush** What is the likelihood that Jeb Bush will win the Republican presidential nomination in Iowa?

**pcarson** What is the likelihood that Ben Carson will win the Republican presidential nomination in Iowa?

**pclinton** What is the likelihood that Hillary Clinton will win the democratic presidential nomination in Iowa?

**psanders** What is the likelihood that Bernie Sanders will win the democratic presidential nomination in Iowa?

**pmalley** What is the likelihood that Martin O'Malley will win the democratic presidential nomination in Iowa?

# Study 4

## Instructions

Thanks for your interest in this survey! The Judgment and Decision Making Lab at the University of Michigan is studying how people make predictions about future events.

**What**:  In this survey, you will make your best guess about the percentage of votes that Hillary Clinton and Donald Trump will win in 10 states in November's 2016 presidential election. You do not have to have any expertise in the subject, we just ask that you do your best.

**Duration**: The survey is short; there are 20 prediction questions and some demographic questions at the end.

**Compensation:** You will be compensated according to the information on MTurk. You will also get a $2 bonus if you are the most accurate participant.

If you consent to participate, click on the arrows to proceed to the questions.

In this first section, you will be asked 20 prediction questions. We will ask about a particular candidate and state, and your job is to guess what percentage of votes they will receive in that state in November's presidential election. You do not have to be an expert to take the survey, please just do your best! Click on the arrows to begin.

## Variables

*Variable names are in bold, explanations and question text are in regular font.*

**political** Please indicate your political orientation:

* very liberal (1)
* liberal (2)
* slightly liberal (3)
* moderate (4)
* slightly conservative (5)
* conservative (6)
* very conservative (7)

**partyID** With which group do you most affiliate?

* Republican (1)
* Democrat (2)
* Libertarian (3)
* None of the above (4)

**age** Your age (just type in numbers):

**sex** Your sex:

* Male (1)
* Female (2)

**edu** What is your highest educational attainment?

* Some high school (1)
* Completed high school (2)
* Some college or technical school (3)
* Completed college (4)
* Some post-graduate education (5)
* Post-graduate degree (MD, PhD, MS, etc.) (6)

**minority** Recoded from ethnicity question. 0 indicates Caucasian/White, 1 indicates non-White ethnicity

**religious** Recoded from religious affiliation question. 0 indicates “non-religious” response, 1 indicates a religion was chosen.

**t1**

What percentage of votes do you think **Donald Trump**will win in **Alabama**? *Simply type in a number, no % sign*

**t2**

What percentage of votes do you think **Donald Trump**will win in **Idaho**? *Simply type in a number, no % sign*

**t3**

What percentage of votes do you think **Donald Trump**will win in **Utah**? *Simply type in a number, no % sign*

**t4**

What percentage of votes do you think **Donald Trump**will win in **Wyoming**? *Simply type in a number, no % sign*

**t5**

What percentage of votes do you think **Donald Trump**will win in **Maryland**? *Simply type in a number, no % sign*

**t6**

What percentage of votes do you think **Donald Trump**will win in **New York**? *Simply type in a number, no % sign*

**t7**

What percentage of votes do you think **Donald Trump**will win in **Vermont**? *Simply type in a number, no % sign*

**t8**

What percentage of votes do you think **Donald Trump**will win in **New Jersey**? *Simply type in a number, no % sign*

**t9**

What percentage of votes do you think **Donald Trump**will win in **Ohio**? *Simply type in a number, no % sign*

**t10**

What percentage of votes do you think **Donald Trump**will win in **Florida**? *Simply type in a number, no % sign*

**c1**

What percentage of votes do you think **Hillary Clinton**will win in **Alabama**? *Simply type in a number, no % sign*

**c2**

What percentage of votes do you think **Hillary Clinton**will win in **Idaho**? *Simply type in a number, no % sign*

**c3**

What percentage of votes do you think **Hillary Clinton**will win in **Utah**? *Simply type in a number, no % sign*

**c4**

What percentage of votes do you think **Hillary Clinton**will win in **Wyoming**? *Simply type in a number, no % sign*

**c5**

What percentage of votes do you think **Hillary Clinton**will win in **Maryland**? *Simply type in a number, no % sign*

**c6**

What percentage of votes do you think **Hillary Clinton**will win in **New York**? *Simply type in a number, no % sign*

**c7**

What percentage of votes do you think **Hillary Clinton**will win in **Vermont**? *Simply type in a number, no % sign*

**c8**

What percentage of votes do you think **Hillary Clinton**will win in **New Jersey**? *Simply type in a number, no % sign*

**c9**

What percentage of votes do you think **Hillary Clinton**will win in **Ohio**? *Simply type in a number, no % sign*

**c10**

What percentage of votes do you think **Hillary Clinton**will win in **Florida**? *Simply type in a number, no % sign*

# Study 5

## Instructions

Thanks for your interest in this survey. We are asking people to guess the average interest in different types of books. This survey will most likely take under 10 minutes to complete.   
    
In a previous study, we asked 50 MTurkers to indicate their personal interest in 24 different books. You will be asked to guess the average interest for each of these 24 different books. If you are unfamiliar with a book, just give us your best guess based on the cover and the book information.    
    
You will then be asked for some anonymous demographic information before receiving your MTurk compensation code. Copy and paste that code into the MTurk window and submit it in order to receive compensation for this task.   
    
Click on the arrows to begin rating the books.

## Variables

**V1** This variable assigned a random code to people’s responses. Can be used as a unique “subject id” variable.

**X20i**

All Quiet on the Western Front, By Erich Maria Remarque

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X15i**

American Assassin, by Vince Flynn

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X56i**

Arthas, by Christie Golden

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X51i**

Beyond Black, by Hilary Mantel

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X38i**

City of Bones, by Cassandra Clare

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X21i**

Cryptonomicon, by Neal Stephenson

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X48i**

Freedom, by Jonathan Franzen

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X33i**

Harry Potter and the Sorcerer's Stone, by J.K. Rowling

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X39i**

Howl's Moving Castle, by Diana Wynne Jones

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X5i**

Jane Eyre, by Charlotte Bronte

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X50i**

Knife of Dreams, by Robert Jordan

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X25i**

Legends of the Fall, by Jim Harrison

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X23i**

Master and Commander, by Patrick O’Brian

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X14i**

My Sister's Keeper, by Jodi Picoult

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X10i**

Pride and Prejudice, by Jane Austen

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X52i**

Shalimar the Clown, by Salman Rushdie

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X31i**

The Bourne Identity, by Robert Ludlum

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X41i**

The Catcher in the Rye, by J.D. Salinger

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X46i**

The Da Vinci Code, by Dan Brown

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X13i**

The Devil Wears Prada, by Lauren Weisberger

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X29i**

The Great Gatsby, by F. Scott Fitzgerald

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X11i**

The Notebook, by Nicholas Sparks

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X12i**

The Sisterhood of the Traveling Pants, by Ann Brashares

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**X37i**

To Kill a Mockingbird, by Harper Lee

The average interest in this book was:   
*Click on the bar to respond. Click again to adjust your answer.*   
*Smaller values indicate lower interest, higher values indicate higher interest.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

**sex** Your sex:

* Male (1)
* Female (2)

**age** Your age (just type in the number):

**edu** What is your highest educational attainment?

* Some high school (1)
* Completed high school (2)
* Some college or technical school (3)
* Completed college (4)
* Some post-graduate education (5)
* Post-graduate degree (MD, PhD, MS, etc.) (6)

**minority** Recoded from ethnicity question. 0 indicates Caucasian/White, 1 indicates non-White ethnicity

**ethnicity** What is your racial/ethnic background?  If you identify with more than one racial or ethnic group, please check all that apply.

* African American (1)
* White/Caucasian, non-Hispanic (2)
* American Indian (3)
* East Asian (4)
* Hispanic/Latino (5)
* South Asian, Pacific Islander, or other Asian (6)
* Other (7)

# Study 6

## Instructions

Thank you for your interest in this survey, conducted by researchers at the University of Michigan (contact: cclabresearch [at] umich.edu). We are interested in how different people make estimates for different types of trivia questions. If you choose to participate, you will be given a set of trivia-like questions or prediction questions. Please answer with your best guess and feel free to draw upon any knowledge you have or other resources such as news reports. You will also be asked some anonymous demographic questions. Finally, we'll also ask about your thought process as you answered the questions. This survey takes about 15 minutes, but you may take more time if you wish. Just be sure to focus on the survey without leaving or interrupting the survey with other tasks. To participate, please continue to the next page. If you wish to quit, you may close your browser.(The "continue" arrows will appear below momentarily).

*Likelihood estimates portion*

In the next section, you will be asked to predict future events. Consider how likely the event is to occur between now and May 1, 2016. Then, type in a number between 0 and 100 that represents your likelihood estimate. For example, suppose the question asks, "Will the temperature in Florida exceed 110 degrees F?" Think about the likelihood of the temperature exceeding 110 degrees between now and May 1. If you think there's an 80% chance that the event will occur, type 80 into the box. If you think there's a 20% chance, just type in 20. There is no need to enter "%" or any words. The top 10% most accurate predictors will be entered into a raffle to win a $5 bonus. (Results will be analyzed by the end of June, 2016).

Please type in the likelihood of the events below occurring between now and May 1, 2016. Just type in the numbers, no need for % signs.

## Variables

**age\_c** Please indicate your age:

**sex** Please indicate your gender

* Male (1)
* Female (2)

**ethnicity** What is your racial/ethnic background?  If you identify with more than one racial or ethnic group, please check all that apply.

The original question had the following codes:

* African American (1)
* White/Caucasian, non-hispanic (2)
* American Indian (3)
* Asian (4)
* Hispanic/Latino (5)
* Other (6)

**minority** Recoded from ethnicity question. 0 indicates Caucasian/White, 1 indicates non-White ethnicity

**US** Did you grow up in the United States?

* Yes (1)
* No (2)

**religion** Please indicate your religious affiliation

Original question had the following codes:

* Catholic Christian (1)
* Hindu (2)
* Jewish (3)
* Muslim (4)
* Protestant Christian (5)
* Non-religious (6)
* Other (7)

**religious** Recoded from religious affiliation question. 0 indicates “non-religious” response, 1 indicates a religion was chosen.

**edu** What is your highest educational attainment?

* Some high school (1)
* Completed high school (2)
* Some college or technical school (3)
* Completed college (4)
* Some post-graduate education (5)
* Post-graduate degree (MD, PhD, MS, etc.) (6)

**political** Please indicate your political orientation:

* very liberal (1)
* liberal (2)
* slightly liberal (3)
* moderate (4)
* slightly conservative (5)
* conservative (6)
* very conservative (7)

**news** How often do you read, watch, or listen to the news?

* Once a month or less (1)
* Once a week (2)
* Most days (3)
* Several times a day (4)

**effort** Please indicate how hard you tried on the questions. Your response won't influence your chances in the raffle, so please be honest. Thanks!

* Didn't try at all (1)
* Tried slightly (2)
* Tried fairly hard (3)
* Tried very hard (4)

The “strategy” variables (strategy\_1-strategy\_5) refer to the question below

**strategy\_1**

**strategy\_2**

**strategy\_3**

**strategy\_4**

**strategy\_5**

Please tell us a bit about your strategy as you answered the questions. How often did you use each strategy?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Never (1) | Sometimes (2) | About half the time (3) | Most of the time (4) | Always (5) |
| Random guessing (1) |  |  |  |  |  |
| Web searches for information (2) |  |  |  |  |  |
| Asking someone (3) |  |  |  |  |  |
| Reasoning a bit about the question (4) |  |  |  |  |  |
| Going with your gut/instinct (5) |  |  |  |  |  |

**Q1** In the U.S., what's the likelihood that someone will be killed in terror-related activity?

**Q2** In the U.S., what is the likelihood of a mass shooting (4 or more people killed)?

**Q3** What is the likelihood that the president of Yale University will resign or otherwise officially leave his post?

**Q4** What is the likelihood of Captain America dying in the upcoming movie Captain America: Civil War?

**Q5** What is the likelihood that University of Kentucky will be the overall number 1 seed in 2016's March Madness?

**Q6** What is the likelihood of the U.S. or another nation confirming that North Korea has a plutonium bomb?

**Q7** What is the likelihood of Manchester City winning the Barclays Premier League?

**Q8** What is the likelihood of Brazil's waters being declared safe for the Olympics?

**Q9** What is the likelihood of a cure for Zika being discovered?

**Q10** What is the likelihood of Tesla unveiling the Model 3?

**Q11** What is the likelihood of  Joaquín “El Chapo” Guzmán being extradited to the U.S.?

**Q12** What is the likelihood of California legalizing the recreational use of marijuana?

**Q13** What is the likelihood of congress passing stricter federal gun control laws?

**Q14** What is the likelihood of  Kanye West and Kim Kardashian announcing a separation or divorce?

**Q15** What is the likelihood of Leonardo DiCaprio wining an Oscar?

**Q16** What is the likelihood of  "Inside Out" wining the Academy Award for best animated feature?

**Q17** What is the likelihood of Edward Snowden leaving Russia?

**Q18** What is the likelihood of  Ben Higgins, current star of The Bachelor, being engaged at the end of the season?

**Q19** What is the likelihood of any new Ebola cases being reported in the U.S.?

**Q20** What is the likelihood of Portland, OR, being completely submerged after an offshore earthquake in the Pacific Ocean?

**Q21** What is the likelihood of Germany's parliament passing stricter regulations on migrant privileges?

**Q22** What is the likelihood of  Brazil's president, Dilma Rousseff, being impeached?

**Q23** What is the likelihood of  Myanmar's ruling government signing a peace agreement with rebel groups?

**Q24** What is the likelihood of any armed skirmish (gunfire, missile launch, or explosive test) involving North Korea occuring?

**Q25** What is the likelihood of Saudi Arabia welcoming Iranian ambassadors back?

**Q26** What is the likelihood of Chinese official GDP growth exceeding 6.3% in the first quarter?

**Q27** What is the likelihood of a majority (at least 80%) of the Chibok schoolgirls who were kidnapped in Nigeria being rescued?

**Q28** What is the likelihood of Islamic State losing control of Raqqa?

**Q29** What is the likelihood of Russia attempting to annex any additional territory?

**Q30** What is the likelihood of  any country officially announcing that it is leaving the European Union?

**Q31** What is the likelihood of Raul Castro vacating office or otherwise becoming incapacitated?

**Q32** What is the likelihood of Chile experiencing an earthquake over 3.0 on the Richter scale?

**Q33** What is the likelihood of Bashar al-Assad re-locating to Russia?

**Q34** What is the likelihood of  a commercial civilian flight being shot down during an armed conflict?

**Q35** What is the likelihood of the value of the Canadian dollar rising to at least 90 cents per USD?

**Q36** What is the likelihood of a lethal confrontation between national military forces in the East China Sea?

**Q37** What is the likelihood of the value of BP stock passing $34 USD?

**Q38** What is the likelihood of the value of Logitech stock dipping below $12 USD?

**Q39** What is the likelihood of anyone surpassing Bill Gates on Forbes' ranking of the world's richest men?

**Q40** What is the likelihood of Malawi passing more permissive abortion legislation?

# Study 7

## Instructions

Thank you for your interest in this survey! Our research team is interested in studying how people make predictions. You do not have to be an expert on any particular topic to participate. Just make your best guess to answer the questions.

Overview: In the first part of this study, you will be shown multiple charts displaying stock prices of various stocks. You will be asked to predict the future value of the stock. In the second part of this study, you'll be asked about the likelihood of future events occurring. The events will cover many topics relating to world events, sports, and more.

Duration: This study will only take about 10-15 minutes to complete. If you don't have the time right now, just return to this page when you have about 15 minutes to devote to the study.

Compensation: There are two forms of compensation for this study.

1. First, a random drawing will take place after data collection is finished (estimated date: June 1).  If we recruit 100 participants by June, one person will be selected to win a $40 gift card to Amazon. If we are able to recruit at least 200 participants, four people will be selected to win $50 gift cards to Amazon. So, please consider helping us out by inviting a few friends to take the survey!

2. The most accurate respondent for the trivia prediction questions will win a $100 gift card to Amazon.

Winners will be contacted via e-mail when data collection for the study is completed. Each participant may be entered only once.

Privacy: We ask for anonymous demographic information during the study (age, sex, etc.), and at the end of the study, participants who wish to be considered for compensation (via raffle or accuracy prize) will be asked to provide their e-mail addresses. Contact information will not be used for any other purpose, and all data collected during the study will be hosted on password protected servers. Only the experimenter and trained assistants with approval will have access to the data.

Please contact cclabresearch at umich dot edu with any questions.

Survey link to share with friends:  https://umich.qualtrics.com/SE/?SID=SV\_b3oXuLwvndSpmMR

If you want to participate, please click on the blue arrows to continue!

*Olympics portion*

In this section you'll be asked to guess how many medals, total, different countries will win for certain events in the upcoming summer Olympics. You'll also be asked to guess how people from those countries might think about the question. Click on the arrows to continue.

*World events portion*

In the next section, you will be asked to make your best guess about the likelihood of different events occurring. You do not have to be an expert on any of these topics, just make your best guess. Click on the arrows to continue.

Make your best guess about the likelihood of the events below happening by July 1, 2016. Please enter your guess as any number between 0 (certainly will not happen) and 100 (certainly will happen). Do not enter any other text or symbol.

## Variables

**sex**

Please indicate your gender

* Male (1)
* Female (2)
* Other (3)

**agec**

Please indicate your age:

**edu**

What is your highest educational attainment?

* Some high school (1)
* Completed high school (2)
* Some college or technical school (3)
* Completed college (4)
* Some post-graduate education (5)
* Post-graduate degree (MD, PhD, MS, etc.) (6)

**religious**

Recoded from religious affiliation question. 0 indicates “non-religious” response, 1 indicates a religion was chosen.

**political**

Please indicate your political orientation. If you are unfamiliar with political identity in the United States, you may leave this question blank.

* very liberal (1)
* liberal (2)
* slightly liberal (3)
* moderate (4)
* slightly conservative (5)
* conservative (6)
* very conservative (7)

**news**

How often do you read, watch, or listen to the news?

* Once a month or less (1)
* Once a week (2)
* Most days (3)
* Several times a day (4)

**eastwest**

A created variable that indicates whether the participant is of East Asian or Western/Caucasian heritage.

**minority**

Recoded from ethnicity question. 0 indicates Caucasian/White, 1 indicates non-White ethnicity

**ethnicity** (original question coding)

What is your racial/ethnic background?  If you identify with more than one racial or ethnic group, please check all that apply.

* African American (1)
* White/Caucasian, non-hispanic (2)
* American Indian (3)
* East Asian (4)
* Hispanic/Latino (5)
* South Asian or Pacific Islander (6)
* Other (7)

**us**

Did you grow up in the United States?

* Yes (1)
* No (2)

**effort**

Please indicate how hard you tried on the questions in this survey. Your response won't influence your chances in the raffle, so please be honest. Thanks!

* Didn't try at all (1)
* Tried slightly (2)
* Tried fairly hard (3)
* Tried very hard (4)

The “strategy” variables refer to the question below

**strategy\_1**

**strategy\_2**

**strategy\_3**

**strategy\_4**

**strategy\_5**

Please tell us a bit about your strategy as you answered the questions. How often did you use each strategy?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Never (1) | Sometimes (2) | About half the time (3) | Most of the time (4) | Always (5) |
| Random guessing (1) |  |  |  |  |  |
| Web searches for information (2) |  |  |  |  |  |
| Asking someone (3) |  |  |  |  |  |
| Reasoning a bit about the question (4) |  |  |  |  |  |
| Going with your gut/instinct (5) |  |  |  |  |  |

**q1.0**

What is the likelihood that Chinese authorities will officially loosen new trade restrictions with North Korea?

**q2**

What is the likelihood that North Korea will attempt either a missile test or a bomb test?

**q3**

What is the likelihood that a second case of Zika will be confirmed in South Korea?

**q4**

What is the likelihood that the Argentine president will officially request dialogues with Britain about returning the Falkland Islands to Argentine control?

**q5**

What is the likelihood that "El Chapo" will be extradited to the U.S.?

**q6**

What is the likelihood that Brazilian President Dilma Rousseff will be impeached?

**q7**

What is the likelihood that officer Edward Nero will be found guilty of any of the charges brought against him in the Freddie Gray murder trials?

**q8**

What is the likelihood of Donald Trump winning the Republican nomination?

**q9**

What is the likelihood of congress passing stricter federal gun control laws?

**q10**

What is the likelihood of Kanye West and Kim Kardashian announcing a separation or divorce? (Did not show up in survey flow due to programming error)

**q11**

What is the likelihood of Edward Snowden leaving Russia?

**q12**

What is the likelihood of any new Ebola cases being reported in the U.S.?

**q13**

What is the likelihood of Myanmar's ruling government signing a peace agreement with rebel groups?

**q14**

What is the likelihood that the remaining un-identified suspect from the Brussels airport attack will be identified with certainty?

**q15**

What is the likelihood of Saudi Arabia welcoming Iranian ambassadors back?

**q16**

What is the likelihood of Islamic State losing control of Raqqa?

**q17**

What is the likelihood of Russia attempting to annex any additional territory?

**q18.0**

What is the likelihood of  any country officially announcing that it is leaving the European Union?

**q19**

What is the likelihood of Raul Castro vacating office or otherwise becoming incapacitated?

**q20**

What is the likelihood of Chile experiencing an earthquake over 3.0 on the Richter scale?

**q21**

What is the likelihood of Bashar al-Assad re-locating to Russia?

**q22**

What is the likelihood of  a commercial civilian flight being shot down during an armed conflict?

**q23**

What is the likelihood of the value of the Canadian dollar rising to at least 90 cents per USD?

**q24**

What is the likelihood of a lethal confrontation between national military forces in the East China Sea?

**q25**

What is the likelihood of anyone surpassing Bill Gates on Forbes' ranking of the world's richest men?

**japswim**

In the 2016 Olympics, how many medals will Japan win for swimming? (Type in your guess below.)

**japswimj**

What do you think will be the average guess of Japanese respondents?

**chinagym**

In the 2016 Olympics, how many medals will China win in gymnastics? (Type in your guess below.)

**chinagymc**

What do you think will be the average guess of Chinese respondents?

**koreafencing**

In the 2016 Olympics, how many medals will South Korea win in fencing? (Type in your guess below.)

**koreafencingk**

What do you think will be the average guess of Korean respondents?

**braziljudo**

In the 2016 Olympics, how many medals will Brazil win in judo? (Type in your guess below.)

**braziljudob**

What do you think will be the average guess of Brazilian respondents?

**mexicodive**

In the 2016 Olympics, how many medals will Mexico win in diving? (Type in your guess below.)

**mexicodivem**

What do you think will be the average guess of Mexican respondents?

**brazilswim**

In the 2016 Olympics, how many medals will Brazil win in swimming? (Type in your guess below.)

**brazilswimb**

What do you think will be the average guess of Brazilian respondents?

**usdive**

In the 2016 Olympics, how many medals will the U.S. win in diving? (Type in your guess below.)

**usdiveus**

What do you think will be the average guess of American respondents?

**usbasket**

In the 2016 Olympics, how many medals will the U.S. win in basketball? (Type in your guess below.)

**usbasketus**

What do you think will be the average guess of American respondents?

**ustaek**

In the 2016 Olympics, how many medals will the U.S. win in taekwondo? (Type in your guess below.)

**ustaekus**

What do you think will be the average guess of American respondents?

The questions below displayed visual trends of stock prices and participants clicked to create a point on the picture. That point indicated what they thought the value of the stock would be on that date.

Sample question text:

Click on where you predict this stock will be on June 19 2016.  Note: You might experience some problems with certain browsers. If you receive an error message, just try to answer the question again.

dollar1 = Google

dollar2 = Facebook

dollar3 = Amazon

dollar4 = Volkswagen

dollar5 = Toyota

dollar6 = Honda

dollar7 = Kroger

dollar8 = Costco

dollar9 = Whole Foods

dollar10 = Bed Bath & Beyond

dollar11 = Office Depot

dollar12 = Home Depot

dollar13 = Disney

dollar14 = Lionsgate

dollar15 = MGM Resorts International