

Consent

Purpose of Study: We are running this study to learn about how adults keep track of quantities and what influences these understandings.

Description of the Study Procedures: This study takes place over one session to be conducted online through this website, with each session lasting no more than 7 minutes. If you agree to participate, you will be asked to look at pictures and answer questions. You may choose to end the session at any time.

Risks/Discomforts of Being in the Study: There are no expected risks of participating in the study. There may be unknown risks.

Benefits of Being in the Study: There are no direct benefits to you for participating in the study, although your participation will benefit science.

Payments: In compensation for participating, you will receive \$0.35. You will receive payment for participating in the experiment regardless of whether you choose to complete the study. Payment will be received through Amazon Mechanical Turk.

Confidentiality: The answers you provide for the study will be kept private and confidential. The researchers will never receive your names or any other identifying information.

Voluntary Participation/Withdrawal: You are free to withdraw at any time, for whatever reason. There is no penalty or loss of benefits for not taking part or for stopping your participation.

Contacts and Questions: If you have any questions, you may also contact the Principal Investigator for this study, Dr. Sara Cordes, at cordess@bc.edu or 617-552-4112. If you have any questions about your rights as a research subject, you may contact: Director, Office for Research Protections, Boston College at (617) 552-4778, or irb@bc.edu.

Statement of Consent: I have read the contents of this consent form and have been encouraged to ask questions. I have received answers to my questions. I give my consent to participate in this study

The Boston College IRB has approved this protocol from June 20, 2013 - June 19th, 2014

Do you voluntarily consent to participate in this study?

Yes

No

Voting Questions

What political party do you belong to?

Republican

Democrat

Independent

Other

None

What political party do you normally vote for?

Republican

Democrat

Independent

Other

None

Who did you vote for in the 2012 U.S. presidential election?

Obama

Romney

Other

Did not vote

Instructions

For the following questions, you will be asked to **estimate** your answers. Please give your best guess. We are not looking for complete accuracy, but rather for an estimation. *Do not use a calculator and do not look up answers.* Please respond as **quickly** as possible.

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Math Estimates

In the 2012 presidential election, what percentage of the popular vote do you estimate Obama received?

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What percentage of the popular vote do you estimate Romney received?

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Based on the percentages you provided, in a random sample of 673 American citizens, how many people do you estimate voted for Obama?

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Condition A

A poll of residents of one U.S. county showed that residents favored Obama over Romney 57%-35% before the election. In a random sample of 523 residents of this county, how many do you estimate voted for Obama?

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A poll of residents in a different U.S. county showed that residents favored Romney over Obama 47%-43% before the election. In a random sample of 549 residents of this county, how many do you estimate voted for Romney?

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Condition B

A poll of residents of one U.S. county showed that residents favored Romney over Obama 57%-35% before the election. In a random sample of 523 residents of this county, how many do you estimate voted for Romney?

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A poll of residents of a different U.S. county showed that residents favored Obama over Romney 47%-43% before the election. In a random sample of 549 residents of this county, how many do you estimate voted for Obama?

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Instructions

For the next part of this survey, you will see photographs of crowds of people. Please try your best to **estimate (but do not count)** the number of people you see in each picture. Each picture will only be presented for a *short period of time*, so *pay close attention* or you may miss the pictures.

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Rallies

The image you will see on the next page is a picture of people at an **Obama** rally.

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Approximately how many people were in the picture?

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Click Count: 0 clicks

The image you will see on the next page is a picture of people at a **Romney** rally.

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Approximately how many people were in the picture?

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Click Count: 0 clicks

The image you will see on the next page is a picture of people at an **Obama** rally.

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Click Count: *0 clicks*



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Approximately how many people were in the picture?

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The image you will see on the next page is a picture of people at a **Romney** rally.

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Approximately how many people were in the picture?

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Survey Questions

How closely do you follow politics?

Not At All

Somewhat

Very Closely

How much do you like Obama?

Not At All

Somewhat

Very Much

How strongly do you agree with Obama's political positions?

Not At All

Somewhat

Very Strongly

How much do you like Romney?

Not At All

Somewhat

Very Much

How strongly do you agree with Romney's political positions?

Not At All

Somewhat

Very Strongly

How much do you agree with this statement: The United States is geographically north of Central America.

Not At All

Somewhat

Very Strongly

How concerned were you about the possibility that your party would not be in power after the 2012 election?

Not At All
Concerned

Somewhat
Concerned

Very
Concerned

How important was the outcome of this election to you?

Not At All
Important

Somewhat
Important

Very
Important

How upset were you that Obama won the election?

Not at all
upset

Somewhat
Upset

Very Upset

How upset would you have been if Romney had won the election?

Not at all
upset

Somewhat
Upset

Very Upset

What is the highest level of education you have completed?

Less than High School

High School / GED

Some College

2-year College Degree

4-year College Degree

Masters Degree

Doctoral Degree

Professional Degree (JD, MD)

How old are you?

Politically, are you:

Very
Conservative

Very Liberal

What is your gender?

Male

Female

Other

Do you have any comments for us? Also, please let us know if the pictures did not display or if there were any other problems with the study.

Please paste your MTurk Worker ID below:

Powered by Qualtrics

