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 10 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 $0.50. 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 21, 2012 - June 20th, 2013

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 are you voting for in the upcoming election?

○ Obama

○ Romney

○ Other

○ Not voting

Who do you think will win the upcoming election?

○ Obama

○ Romney

○ Other

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. Please respond as **quickly** as possible.

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Math Estimates

In the upcoming presidential election, what percentage of the popular vote do you estimate Obama will get?

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What percentage of the popular vote do you estimate Romney will get?

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

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Condition A

A recent poll of residents of one U.S. county show that residents favor Obama over Romney 57%-35%. In a random sample of 523 residents of this county, how many do you estimate will vote for Obama?

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A recent poll of residents in a different U.S. county show that residents favor Romney over Obama 47%-43%. In a random sample of 549 residents of this county, how many do you estimate will vote for Romney?

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Condition B

A recent poll of residents of one U.S. county show that residents favor Romney over Obama 57%-35%. In a random sample of 523 residents of this county, how many do you estimate will vote for Romney?

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A recent poll of residents of a different U.S. county show that residents favor Obama over Romney 47%-43%. In a random sample of 549 residents of this county, how many do you estimate will vote 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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The image you will see on the next page is a picture of people at a **Romney** rally.

Timing

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Timing

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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 an **Obama** rally.

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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 are you about the possibility that your party will not be in power after the election?

Not At All Concerned			Somewhat Concerned			Very Concerned
○	○	○	○	○	○	○

How important is the outcome of this election to you?

Not At All Important			Somewhat Important			Very Important
○	○	○	○	○	○	○

How upset would you be if the other candidate 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:

[   ]