Foresight-control

Consent Form for Participation in Research

IRB No: HS10-360 page 1
Approved: June 24, 2010
Expires: June 23, 2011
Modified: Version 1/2009

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Procedures

You will be given a questionnaire which concerns your scientific intuitions. We would like to ask you a number of questions about experiments that have recently been conducted or will be conducted in the near future.

Participant Requirements
Participation in this study is limited to individuals age 18 and older.

Risks
The risks and discomfort associated with participation in this study are no greater than those ordinarily encountered in daily life or during other online activities.

Benefits
There may be no personal benefit from your participation in the study but the knowledge received may be of value to humanity.

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agree that the data and information gathered during this study may be used by Carnegie Mellon and
published and/or disclosed by Carnegie Mellon to others outside of Carnegie Mellon. However, your
name, address, contact information and other direct personal identifiers in your consent form will not be
mentioned in any such publication or dissemination of the research data and/or results by Carnegie
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by mail, phone or e-mail in accordance with the contact information listed above.

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study, you should contact the Research Regulatory Compliance Office at Carnegie Mellon University.
Email: irb-review@andrew.cmu.edu . Phone: 412-268-1901 or 412-268-5460.

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I have read and understand the information above.

- ☐ Yes
- ☐ No

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- ☐ No

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Are you male or female?

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- ☐ Female

What is your current occupation?

How familiar are you with working on a computer?

Not at all familiar	Moderately familiar	Very familiar
☐	☐	☐

How often have you participated in conference calls?

- ☐ Never
- ☐ Less than Once a Month
- ☐ Once a Month
- ☐ 2-3 Times a Month
- ☐ Once a Week
- ☐ 2-3 Times a Week

- Daily

The first task requires you to read the email below and answer two questions.

Subject: Tomorrow's meeting

From: "Ginger Holmes" <gholmes@bru.edu>

Date: Wed, May 13, 2009 8:31 am

To: "Pat Jones" <patjones@bru.edu>

Priority: Normal

Pat,

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Date: Thursday, May 14

Time: 2:00 PM (EST)

Number: 1-800-555-1200

8533123 (passcode)

Thanks,

Ginger Holmes

Administrative Coordinator

Recruiting and Staffing

Baton Rouge University

www.bru.edu

Who is the email message sent to?

- ☐ Ginger Holmes
- ☐ John Stone
- ☐ Pat Jones
- ☐ Edward Downs
- ☐ Sadie Stinfeld

What department is holding the meeting prior to the conference call?

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- ☐ Orientation

Scientific Intuitions

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Virgin rat. Several researchers intend to perform the following experiment: They will inject blood from a mother rat into a virgin rat immediately after the mother rat has given birth. After the injection, the virgin rat will be placed in a cage with the newly born baby rats, after removal of the actual mother.

The possible outcomes are (a) the virgin rat exhibited maternal behavior or (b) the virgin rat failed to exhibit maternal behavior.

1a. What is the probability that the virgin rat will exhibit maternal behavior?

0	10	20	30	40	50	60	70	80	90	100	
(Must be a number between 0-100)											

Please explain why you think this might happen:

1b. What is the probability that the virgin rat will not exhibit maternal behavior?

	0	10	20	30	40	50	60	70	80	90	100	
(Must be a number between 0-100)												

Please explain why you think this might happen:

2. If the virgin rat exhibits maternal behavior, what is the probability that in a replication of this experiment with 10 additional virgin rats

(Note: These three probabilities should total 100%.)

- All will exhibit maternal behavior?

  0

- Some will exhibit maternal behavior?

  0

- None will exhibit maternal behavior?

  0

- Total

0

3. If the virgin rat fails to exhibit maternal behavior, what is the probability that in a replication of this experiment with 10 additional virgin rats.

(Note: These three probabilities should total 100%.)

- All will fail to exhibit maternal behavior?

  0

- Some will fail to exhibit maternal behavior?

  0

- None will fail to exhibit maternal behavior?

  0

- Total

  0

Study 2

Hurricane seeding. A team of government meteorologists recently seeded a tropical storm, which had reached hurricane status, with large quantities of silver-iodide crystals (the same type of crystals that are used to seed clouds in attempts to produce rain).

The possible outcomes were (a) the hurricane increased in intensity or (b) the hurricane decreased in intensity.

1a. What is the probability that the hurricane will increase in intensity?

	0	10	20	30	40	50	60	70	80	90	100	
(Must be a number between 0-100)												

Please explain why you think this might happen:

1b. What is the probability that the hurricane will decrease in intensity?

	0	10	20	30	40	50	60	70	80	90	100	
(Must be a number between 0-100)												

Please explain why you think this might happen:

2. If the hurricane increases in intensity, what is the probability that in a replication of this experiment with 10 additional hurricanes.

(Note: These three probabilities should total 100%.)

- All will increase in intensity?

  0

- Some will increase in intensity?

  0

- None will increase in intensity?

  0

- Total

  0

3. If the hurricane decreases in intensity, what is the probability that in a replication of this experiment with 10 additional hurricanes.

(Note: These three probabilities should total 100%.)

- All will decrease in intensity?

  0

- Some will decrease in intensity?

  0

- None will decrease in intensity?

  0

- Total

  0

Study 3

Gosling imprinting. A goose egg was placed in a soundproof, heated box from time of laying to time of cracking. Approximately 2 days before it cracked, the experimenter began intermittently to play sounds of ducks quacking into the box. On the day after birth, the gosling was placed on a smooth floor equidistant from a duck and a goose, each of which was in a wire cage. The gosling was observed for 2 minutes.

The possible outcomes were (a) the gosling approached the caged duck or (b) the gosling approached the caged goose.

1a. What is the probability that the gosling will approach the caged duck?

0 10 20 30 40 50 60 70 80 90 100

(Must be a number between 0-100)

Please explain why you think this might happen:

1b. What is the probability that the gosling will approach the caged goose?

0 10 20 30 40 50 60 70 80 90 100

(Must be a number between 0-100)

Please explain why you think this might happen:

2. If the gosling approaches the caged duck, what is the probability that in a replication of this experiment with 10 additional goslings.

(Note: These three probabilities should total 100%.)

- All will approach the caged duck?

  0

- Some will approach the caged duck?

  0

- None will approach the caged duck?

  0

- Total

  0

3. If the gosling approaches the caged goose, what is the probability that in a replication of this experiment with 10 additional goslings.

(Note: These three probabilities should total 100%.)

- All will approach the caged goose?

  0

- Some will approach the caged goose?

  0

- None will approach the caged goose?

  0

- Total

  0

Study 4

The Y test. In the pretest of an experiment that she intends to run in the future, an experimenter placed a 4-year-old child in front of an easel with a large Y on it, with a dot in the lower left-hand third of the letter. The child was then taken around to the back of the easel where he saw another Y. He was asked to draw a dot in the "same position" on that Y as the one he had just seen.

The possible outcomes were (a) the child placed a dot in Area A (the lower left-hand third), (b) the child placed a dot in Area B (the upper third), or (c) the child placed a dot in Area C (the lower-right hand third).

1a. What is the probability that the child will place a dot in Area A?

0 10 20 30 40 50 60 70 80 90 100

(Must be a number between 0-100)

Please explain why you think this might happen:

1b. What is the probability that the child will place a dot in Area B?

0 10 20 30 40 50 60 70 80 90 100

(Must be a number between 0-100)

Please explain why you think this might happen:

2. If the child places a dot in Area A, what is the probability that in a replication of this experiment with 10 additional children.

(Note: These three probabilities should total 100%.)

- All will place a dot in area A?

0

- Some will place a dot in area A?

0

- None will place a dot in area A?

0

- Total

0

3. If the child places a dot in Area B, what is the probability that in a replication of this experiment with 10 additional children.

(Note: These three probabilities should total 100%.)

- All will place a dot in Area B?

0

- Some will place a dot in Area B?

0

- None will place a dot in Area B?

0

- Total

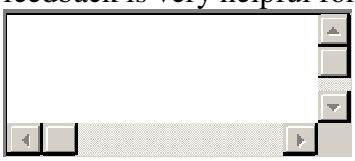
0

What is your age?

Are you male or female?

- ○ Male
- ○ Female

If you have any questions, comments, or concerns, please write them in the text box below. Your feedback is very helpful for us. Thank you.



Please copy and paste the following code into the Amazon Mturk textbox:
894172394851095619823754

Hindsight-Control-Outcome A

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research activity.

I have read and understand the information above.

- ☐ Yes
- ☐ No

I am age 18 or older.

- ☐ Yes
- ☐ No

I want to participate in this research and continue with the survey.

- ☐ Yes
- ☐ No

What is your age?

Are you male or female?

- ☐ Male
- ☐ Female

What is your current occupation?

How familiar are you with working on a computer?

Not at all familiar	Moderately familiar	Very familiar
○	○	○

How often have you participated in conference calls?

- ○ Never
- ○ Less than Once a Month
- ○ Once a Month
- ○ 2-3 Times a Month
- ○ Once a Week
- ○ 2-3 Times a Week
- ○ Daily

The first task requires you to read the email below and answer two questions.

Subject: Tomorrow's meeting

From: "Ginger Holmes" <gholmes@bru.edu>

Date: Wed, May 13, 2009 8:31 am

To: "Pat Jones" <patjones@bru.edu>

Priority: Normal

Pat,

Since Christi is out of town, the staff council meeting will be held via telephone tomorrow. We will discuss the proposed reorganization of the Human Resources department to better serve the faculty and staff at BRU. During this conference call, we will also discuss the decisions reached at the 11am meeting of the University Benefits department. It is critical that all attendees of the University Benefits department, especially those who attended the morning meeting, also attend

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Number: 1-800-555-1200

8533123 (passcode)

Thanks,

Ginger Holmes

Administrative Coordinator

Recruiting and Staffing

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Who is the email message sent to?

- ☐ Ginger Holmes
- ☐ John Stone
- ☐ Pat Jones
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Virgin rat. Several researchers intend to perform the following experiment: They will inject blood from a mother rat into a virgin rat immediately after the mother rat has given birth. After the injection, the virgin rat will be placed in a cage with the newly born baby rats, after removal of the actual mother.

The possible outcomes are (a) the virgin rat exhibited maternal behavior or (b) the virgin rat failed to exhibit maternal behavior.

Result: The virgin rat exhibited maternal behavior.

1. Please explain why you think this happened:

2. What is the probability that in a replication of this experiment with 10 additional virgin rats

(Note: These three probabilities should total 100%.)

- All will exhibit maternal behavior?

  0

- Some will exhibit maternal behavior?

  0

- None will exhibit maternal behavior?

  0

- Total

  0

Study 2

Hurricane seeding. A team of government meteorologists recently seeded a tropical storm, which had reached hurricane status, with large quantities of silver-iodide crystals (the same type of crystals that are used to seed clouds in attempts to produce rain).

The possible outcomes were (a) the hurricane increased in intensity or (b) the hurricane decreased in intensity.

Result: The hurricane increased in intensity.

1. Please explain why you think this happened:

2. What is the probability that in a replication of this experiment with 10 additional hurricanes.

(Note: These three probabilities should total 100%.)

- All will increase in intensity?

  0

- Some will increase in intensity?

  0

- None will increase in intensity?

  0

- Total

  0

Study 3

Gosling imprinting. A goose egg was placed in a soundproof, heated box from time of laying to time of cracking. Approximately 2 days before it cracked, the experimenter began intermittently to play sounds of ducks quacking into the box. On the day after birth, the gosling was placed on a smooth floor equidistant from a duck and a goose, each of which was in a wire cage. The gosling was observed for 2 minutes.

The possible outcomes were (a) the gosling approached the caged duck or (b) the gosling approached the caged goose.

Result: The gosling approached the caged duck.

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(Note: These three probabilities should total 100%.)

- All will approach the caged duck?

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The Y test. In the pretest of an experiment that she intends to run in the future, an experimenter placed a 4-year-old child in front of an easel with a large Y on it, with a dot in the lower left-hand third of the letter. The child was then taken around to the back of the easel where he saw another Y. He was asked to draw a dot in the "same position" on that Y as the one he had just seen.

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Result: The child placed a dot in Area A (the lower left-hand third).

Please explain why you think this happened:

2. What is the probability that in a replication of this experiment with 10 additional children.

(Note: These three probabilities should total 100%.)

- All will place a dot in area A?

  0

- Some will place a dot in area A?

  0

- None will place a dot in area A?

  0

- Total

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What is your age?

Are you male or female?

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☐	☐	☐

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The possible outcomes are (a) the virgin rat exhibited maternal behavior or (b) the virgin rat failed to exhibit maternal behavior.

Result: The virgin rat failed to exhibit maternal behavior.

1. Please explain why you think this happened:

2. What is the probability that in a replication of this experiment with 10 additional virgin rats

(Note: These three probabilities should total 100%.)

- All will fail to exhibit maternal behavior?

  0

- Some will fail to exhibit maternal behavior?

  0

- None will fail to exhibit maternal behavior?

  0

- Total

  0

Study 2

Hurricane seeding. A team of government meteorologists recently seeded a tropical storm, which had reached hurricane status, with large quantities of silver-iodide crystals (the same type of crystals that are used to seed clouds in attempts to produce rain).

The possible outcomes were (a) the hurricane increased in intensity or (b) the hurricane decreased in intensity.

Result: The hurricane decreased in intensity.

1. Please explain why you think this happened:

2. What is the probability that in a replication of this experiment with 10 additional hurricanes.

(Note: These three probabilities should total 100%.)

- All will decrease in intensity?

  0

- Some will decrease in intensity?

  0

- None will decrease in intensity?

  0

- Total

  0

Study 3

Gosling imprinting. A goose egg was placed in a soundproof, heated box from time of laying to time of cracking. Approximately 2 days before it cracked, the experimenter began intermittently to play sounds of ducks quacking into the box. On the day after birth, the

gosling was placed on a smooth floor equidistant from a duck and a goose, each of which was in a wire cage. The gosling was observed for 2 minutes.

The possible outcomes were (a) the gosling approached the caged duck or (b) the gosling approached the caged goose.

Result: The gosling approached the caged goose.

1. Please explain why you think this happened:

2. What is the probability that in a replication of this experiment with 10 additional goslings.

(Note: These three probabilities should total 100%.)

- All will approach the caged goose?

  0

- Some will approach the caged goose?

  0

- None will approach the caged goose?

  0

- Total

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The Y test. In the pretest of an experiment that she intends to run in the future, an experimenter placed a 4-year-old child in front of an easel with a large Y on it, with a dot in the lower left-hand third of the letter. The child was then taken around to the back of the easel where he saw another Y. He was asked to draw a dot in the "same position" on that Y as the one he had just seen.

The possible outcomes were (a) the child placed a dot in Area A (the lower left-hand third), (b) the child placed a dot in Area B (the upper third), or (c) the child placed a dot in Area C (the lower-right hand third).

Result: The child placed a dot in Area B (the upper third).

Please explain why you think this happened:

2. What is the probability that in a replication of this experiment with 10 additional children.

(Note: These three probabilities should total 100%.)

- All will place a dot in area B?

  0

- Some will place a dot in area B?

  0

- None will place a dot in area B?

  0

- Total

  0

What is your age?

Are you male or female?

- Male
- Female

If you have any questions, comments, or concerns, please write them in the text box below. Your feedback is very helpful for us. Thank you.

Please copy and paste the following number into the Amazon Mturk Textbox:
28913749127349817234

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