Trivia-Discrimination-Part-2-Distribution

Survey Flow

EmbeddedData
- recorderValue will be set from Panel or URL.
- imgcount = 589
- displayValue will be set from Panel or URL.

Standard: Introduction (5 Questions)
Standard: Setup (3 Questions)
Standard: Hidden Generator (1 Question)
Block: Required (1 Question)
Standard: Prediction (2 Questions)
Block: Truth (1 Question)
Standard: Extra (1 Question)
Standard: Final (1 Question)

EndSurvey: Advanced

Page Break

Start of Block: Introduction

Q45 Thank you for participating in this survey.

The survey has four parts. You will first answer some simple demographic questions. Then you will answer three sets of questions related to people's performance in math questions.

The survey will take approximately 20 minutes.

Page Break

Q28 Please enter your M-Turk ID:

_____

Q17 What is your gender?

- ○ Male (1)
- ○ Female (2)

Q18 What is your age?

_____

Q21 Please indicate the highest level of education you have completed.

- ○ Less than High School (1)
- ○ High School or equivalent (2)
- ○ Vocational/Technical School (2 year) (3)
- ○ Some College (4)
- ○ College Graduate (4 year) (5)
- ○ Master's Degree (MS) (6)
- ○ Doctoral Degree (PhD) (7)
- ○ Professional Degree (MD, JD, etc.) (8)
- ○ Other (9)

End of Block: Introduction

Start of Block: Setup

Setup
We recently paid many people to answer 50 math questions each. Here are some examples of the types of math questions we asked:

Question 1: What is the square root of 289?
Choices: 15, 17, 19, 21
Question 2: 4-8*9/2 = ?
Choices: -6, -12, -18, -32
Question 3: What is the reduced form of the fraction 70/42?
Choices: 5/3, 10/6, 7/5, 14/10
Question 4: x^5 * x^8 = ?
Choices: x^11, x^12, x^13, x^14
Question 5: What is the binary form of 7?
Choices: 100, 101, 110, 111
On average, participants answered 36.95 out of 50 questions correctly.

Today, you are going to be an employer. You will hire one of the people who answered our math questions. The person you hire will be given a bonus (the wage that you choose to pay them) and in return you will receive money based on how many of the math questions they

answered correctly.

Specifically, we are going to provide you with the profiles of 20 people (potential employees) who answered our math questions. For each of the 20 people that we present, you will indicate what is the highest wage (between 0 and 50 cents) you would be willing to pay that person. In return, you will be paid 1 cent for every question that the person you end up hiring answered correctly.

After you indicate the highest wage you would be willing to give to each employee, we will randomly draw a number between 0 and 50. If the wage you chose for the employee is equal to or higher than the randoly-drawn number, then that employee will receive the random number as a bonus, and you will receive a profit equal to the number of correct answers given by the individual minus the random number that was drawn. If the highest wage you were willing to pay the individual is lower than the random number, you will not hire the employee and neither you nor the employee will receive a bonus.

Let's walk through an example of how this works. Below is an example of a potential employee profile that you might see:

```
.div_crop {  width: 660px;  height: 330px;  overflow: hidden;  position: relative; }
.img_crop {  width: 1800px;  position: absolute;  max-width: none;  top: -165%; }
```

We will ask you the highest amount you would be willing to pay this employee. Let's imagine that you say you would be willing to pay this employee 40 cents.

We will then select a random number between 0 and 50. Let's say the randomly-selected number is 20. Because the highest wage you are willing to pay that person is more than 20, you will "hire" this person and they will receive 20 cents. You will then be paid based on the number of correct answers this person gave. If the person answered 30 questions correctly, you will be paid 10 cents (30-20). If the person answered 10 questions correctly, you will be paid -10 cents (10-20).

Imagine instead that the randomly-drawn number is 45. Then you will not "hire" the person and neither you nor the person will receive a bonus.

In today's task, you will actually only hire 1 person. After you decide the most you would be willing to pay to each of the 20 people we present, we will randomly select one profile to use as the actual hiring decision. We will then draw the random number between 0 and 50 and pay you the profit you've earned for that profile and pay the wage to the person whose profile you pick. We are going to automatically give you a $0.50 bonus in addition to what money you make with

your hiring decision (so that there is no way you end up owing us any money after doing this task).

Q32 Just to make sure you understand, imagine you saw a profile and entered **43** as the highest amount you would be willing to pay. Now imagine the random number generated was **18** and the individual answered **10** questions correctly.

- How many cents would you have to pay the individual? (4)
  _____

- How many cents would you be paid based on the individual's performance (before subtracting the wage you have to pay the individual)? (5)
  _____

Q40 Suppose instead that you had reported **15** as the highest wage you would pay, and everything else stayed the same:

- How many cents would you have to pay the individual? (4)
  _____

- How many cents would you be paid based on the individual's performance (before subtracting the wage you have to pay the individual)? (5)
  _____

End of Block: Setup

Start of Block: Hidden Generator

JS

Q41

End of Block: Hidden Generator

Start of Block: Required

JS *

R You have completed ${lm://Field/1} of 20 required profiles.

Please indicate the **highest wage** you would be willing to pay this employee in the text box below.

.div_crop { width: 660px; height: 330px; overflow: hidden; position: relative; }
.img_crop { width: 1800px; position: absolute; max-width: none; top: -165%; }

Enter the highest wage you would be willing to pay this individual (between 0 and 50 cents):

_____

End of Block: Required

Start of Block: Prediction

Q24

Thank you for completing part 2 of 4 of this survey. As promised, we will randomly select one profile and pay you your $0.50 bonus plus whatever money you make based on the hiring of the randomly-selected profile.

For the third part of this survey, please answer the six questions below. Please remember that people answered **36.95** questions correctly on average.

- On average, how many math questions out of 50 do you think **women** answered correctly? (1) _____
- On average, how many math questions out of 50 do you think **men** answered correctly? (14) _____
- On average, how many math questions out of 50 do you think **people from the United States** answered correctly? (20) _____
- On average, how many math questions out of 50 do you think **people from India** answered correctly? (3) _____
- On average, how many math questions out of 50 do you think **people below or at the age of 33** answered correctly? (4) _____
- On average, how many math questions out of 50 do you think **people above the age of 33** answered correctly? (5) _____

Q42

Thank you for completing part 2 of 4 of this survey. As promised, we will randomly select one profile and pay you your $0.50 bonus plus whatever money you make based on the hiring of the randomly-selected profile.

For the third part of this survey, please answer the six questions below. Please remember that people answered **36.95** questions correctly on average.

You have the chance to earn a significant bonus if you answer these questions correctly. We will randomly pick one question and pay you $5 minus your deviation from the correct answer. For example, if your answer for the randomly picked question is 40 and the truth is 37, then you will get a $2 bonus. You cannot receive a negative bonus. So, please answer the questions as

carefully as possible so that you can potentially win a large bonus.

On average, how many math questions out of 50 do you think **women** answered correctly? (1) _____

On average, how many math questions out of 50 do you think **men** answered correctly? (14) _____

On average, how many math questions out of 50 do you think **people from the United States** answered correctly? (20) _____

On average, how many math questions out of 50 do you think **people from India** answered correctly? (3) _____

On average, how many math questions out of 50 do you think **people below or at the age of 33** answered correctly? (4) _____

On average, how many math questions out of 50 do you think **people above the age of 33** answered correctly? (5) _____

End of Block: Prediction

Start of Block: Truth

JS

Please
Here are the correct answers for the 6 questions you have answered above. On average:
Women got **35.28** questions right. Men got **38.32** questions right. People from the U.S. got **37.14** questions right. People from India got **36.58** questions right. People below or at the age of 33 got **37.10** questions right. People above the age of 33 got **36.79** questions right.
Now that you have learned those facts, we would like you to work on 10 more profiles.

As before, after you finish working on those 10 additional profiles, we will randomly select one profile and randomly select a number between 0 and 50. If your highest wage is more than the randomly-selected number, we will pay you the profit you've earned for that profile as a bonus and pay the wage to the person who answered the math questions.

End of Block: Truth

Start of Block: Extra

Q28 You have completed ${lm://Field/1} of 10 additional profiles.

Please indicate the **highest wage** you would be willing to pay this employee in the text box below.

.div_crop { width: 660px; height: 330px; overflow: hidden; position: relative; }
.img_crop { width: 1800px; position: absolute; max-width: none; top: -165%; }

Enter the highest wage you would be willing to pay this individual (between 0 and 50 cents):

_____

End of Block: Extra

Start of Block: Final

Comment Thank you for your participation. We will calculate your bonus based on the rules specified in each part above, and pay the bonus to your account within a week.
If you have any additional comments about this survey, please provide them below. (Optional)

_____

End of Block: Final