

Instructions -- Please Read Carefully

You will be asked to answer questions about these instructions and you will not be able to proceed unless you answer all questions correctly!

If you do not fully understand the instructions, we cannot use your data in our study. Please email me (<mailto:ycliang@stanford.edu?Subject=MTurk%20Study>) if you feel you understood everything but the tests do not let you pass.

Overview:

This study has 2 parts. At the end of the study, the computer will randomly select one part. Then, within that part, the computer will randomly select one question. Your payment will depend on your answer to that question!

Therefore, **you should treat each question in each part as if it was the one that counts and determines your payment for the entire study** - because it may very well be! The study ends with a very short survey that you also need to complete to be paid any bonus payments.

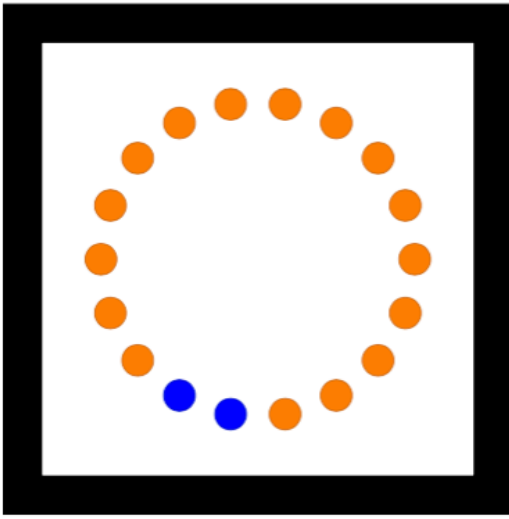
Part 1

Part 1 takes about 25 minutes and consists of a number of rounds. In each round, there are two boxes filled with colorful balls. **Each of the two boxes contains 18 balls**, but their color compositions are different. For example, Box A could contain 2 **blue** balls and 16 **orange** balls, and Box B could contain 6 **blue** balls and 12 **orange** ball. The composition of the boxes may change from round to round.

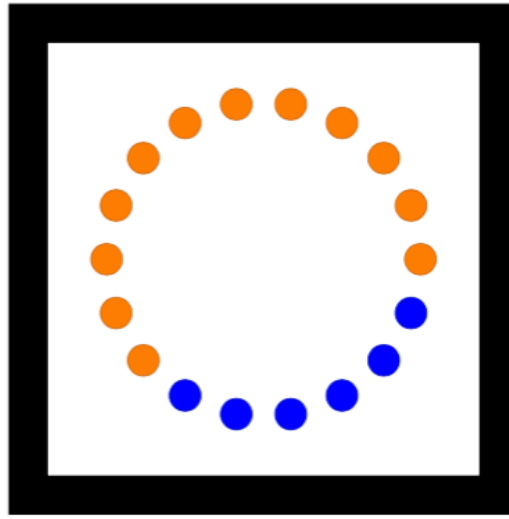
At the beginning of each round, the computer will select either Box A or Box B by tossing a fair coin. **Hence, each of the two boxes has 50% chance of being selected.**

Box A (Chance: 50%)

Box B (Chance: 50%)



blue balls: 2
orange balls: 16



blue balls: 6
orange balls: 12

One of the two boxes in the picture above has been selected by the computer.

Draw a ball from it!

We will NOT tell you which box was actually selected by the computer, but you will get a piece of information. By clicking the button Draw a ball from it!, the computer will randomly draw a ball from the selected box and show it to you. **Each ball in the box is equally likely to be drawn.** After the computer draws a ball, you may see the following message:

The ball drawn from the selected box is blue.



Now, your job is to answer the following question.

Now that you know the color of the ball, how likely do you think that the selected box in this round was Box A?

We understand that the question may sound a bit abstract, so you might find it helpful to think in the following way. Imagine that the computer repeats what it does many times. That is, given two boxes, the computer tosses a coin, selects a box, draws a ball from it (and puts it back), and with the two boxes staying the same, it tosses a coin again, selects a box again, draws a ball again... During the whole process of repetition, there may be multiple instances where you see a **blue** ball being drawn. **Among such instances**, what do you think is the proportion of times when the **blue** ball was actually drawn from Box A? This proportion should be your answer to the original question.

If a question is selected by computer for payment, then whether you will get your extra bonus of \$4.50 depends on your answer to that question. Our payment rule makes sure that **you are most likely to get the extra bonus when you give us your most accurate answer**. Think carefully and then type in the number that truly reflects your assessment. You should not rush the questions or randomly answer

something, as this will increase the chance of you not getting the extra bonus! If you would like to know the details of the payment rule, read the next screen. We will NOT quiz you on the information on the next screen.

We urge you to be **truthful** and **thoughtful** in answering the questions because **our research's quality depends on it!**

Part 2

Part 2 of the study takes about 10 minutes. In this part, you will be asked to make predictions about some events. Further instructions will follow after the first part of the study.

Survey

At the very end of the survey, we will ask you a few demographic questions. We thank you for answering these questions carefully and truthfully. You will **not** be paid any bonus unless you complete the survey.

Next

Debug info

Basic info	
ID in group	1
Group	1
Round number	1
Participant	P1
Participant label	
Session code	jcxajne1