**Q1: Keep track of your "score" for 5-10 games. By score, I mean 1) whether you were better off with your choice, and 2) how many out of 100 people were better off?. Write down how you fared, and how 100 additional participants fared.**

Trial 1: Drug. Yes, I was better off with my choice. 55/100 were better off with the drug

Trial 2: Drug. No, I was not better off with my choice. 36/100 were better off with the drug

Trial 3: Placebo. Yes, I was better off with my choice. 12/100 were better off with the drug

Trial 4: Drug. No, I was not better off with my choice. 73/100 were better off with the drug

Trial 5: Drug. No, I was not better off with my choice. 47/100 were better off with the drug

Trial 6: Drug. Yes, I was better off with my choice. 90/100 were better off with the drug

Trial 7: Drug. No, I was not better off with my choice. 64/100 were better off with the drug

Trial 8: Drug. No, I was not better off with my choice. 53/100 were better off with the drug

Trial 9: Placebo. Yes, I was better off with my choice. 20/100 were better off with the drug

Trial 10: Placebo. Yes, I was better off with my choice. 23/100 were better off with the drug

**(5/10)**

**Q1 (contd.) Summaries of lists of numbers: Mean**

Trial 1: Placebo. Yes, I was better off with my choice. 2/100 were better off with the drug

Trial 2: Drug. Yes, I was better off with my choice. 44/100 were better off with the drug

Trial 3: Placebo. No, I was not better off with my choice. 40/100 were better off with the drug

Trial 4: Placebo. Yes, I was better off with my choice. 22/100 were better off with the drug

Trial 5: Placebo. No, I was not better off with my choice. 15/100 were better off with the drug

Trial 6: Drug. Yes, I was better off with my choice. 66/100 were better off with the drug

Trial 7: Placebo. Yes, I was better off with my choice. 13/100 were better off with the drug

Trial 8: Drug. Yes, I was better off with my choice. 97/100 were better off with the drug

Trial 9: Drug. Yes, I was better off with my choice. 88/100 were better off with the drug

Trial 10: Drug. Yes, I was better off with my choice. 73/100 were better off with the drug

**(8/10)**

**Q1 (contd.) Summaries of lists of numbers: Median**

Trial 1: Placebo. Yes, I was better off with my choice. 34/100 were better off with the drug

Trial 2: Drug. Yes, I was better off with my choice. 51/100 were better off with the drug

Trial 3: Placebo. No, I was better not off with my choice. 32/100 were better off with the drug

Trial 4: Placebo. No, I was not better off with my choice. 49/100 were better off with the drug

Trial 5: Drug. Yes, I was better off with my choice. 72/100 were better off with the drug

Trial 6: Placebo. Yes, I was better off with my choice. 1/100 were better off with the drug

Trial 7: Drug. Yes, I was better off with my choice. 88/100 were better off with the drug

Trial 8: Drug. Yes, I was better off with my choice. 77/100 were better off with the drug

Trial 9: Placebo. No, I was not better off with my choice. 28/100 were better off with the drug

Trial 10: Placebo. Yes, I was better off with my choice. 0/100 were better off with the drug

**(7/10)**

**Q1 (contd.) Summaries of lists of numbers: Percentile Range**

Trial 1: Drug. Yes, I was better off with my choice. 80/100 were better off with the drug

Trial 2: Placebo. Yes, I was better off with my choice. 5/100 were better off with the drug

Trial 3: Drug. Yes, I was better off with my choice. 67/100 were better off with the drug

Trial 4: Drug. No, I was not better off with my choice. 70/100 were better off with the drug

Trial 5: Drug. Yes, I was better off with my choice. 89/100 were better off with the drug

Trial 6: Drug. Yes, I was better off with my choice. 69/100 were better off with the drug

Trial 7: Drug. Yes, I was better off with my choice. 79/100 were better off with the drug

Trial 8: Placebo. Yes, I was better off with my choice. 26/100 were better off with the drug

Trial 9: Drug. Yes, I was better off with my choice. 85/100 were better off with the drug

Trial 10: Drug. Yes, I was better off with my choice. 40/100 were better off with the drug

**(9/10)**

**Q2**: **Would you rather look at the whole distribution, the mean, the median, or the percentile range to make your decision?**

**Percentile Range.** Making the decision based on looking at the “percentile range” resulted in me being better off with my decisions.

**Q1 (contd.) Summaries of lists of numbers: Bar Graphs**

Trial 1: Drug. Yes, I was better off with my choice. 67/100 were better off with the drug

Trial 2: Drug. Yes, I was better off with my choice. 58/100 were better off with the drug

Trial 3: Drug. Yes, I was better off with my choice. 72/100 were better off with the drug

Trial 4: Placebo. Yes, I was better off with my choice. 29/100 were better off with the drug

Trial 5: Drug. Yes, I was better off with my choice. 65/100 were better off with the drug

Trial 6: Drug. Yes, I was better off with my choice. 69/100 were better off with the drug

Trial 7: Drug. Yes, I was better off with my choice. 89/100 were better off with the drug

Trial 8: Drug. Yes, I was better off with my choice. 71/100 were better off with the drug

Trial 9: Drug. Yes, I was better off with my choice. 84/100 were better off with the drug

Trial 10: Placebo. No, I was not better off with my choice. 15/100 were better off with the drug

**(9/10)**

**Q1 (contd.) Summaries of lists of numbers: Histograms**

Trial 1: Drug. Yes, I was better off with my choice. 62/100 were better off with the drug

Trial 2: Placebo. Yes, I was better off with my choice. 6/100 were better off with the drug

Trial 3: Placebo. No, I was not better off with my choice. 22/100 were better off with the drug

Trial 4: Drug. Yes, I was better off with my choice. 88/100 were better off with the drug

Trial 5: Drug. Yes, I was better off with my choice. 78/100 were better off with the drug

Trial 6: Drug. Yes, I was better off with my choice. 78/100 were better off with the drug

Trial 7: Drug. Yes, I was better off with my choice. 82/100 were better off with the drug

Trial 8: Placebo. Yes, I was better off with my choice. 5/100 were better off with the drug

Trial 9: Drug. No, I was not better off with my choice. 69/100 were better off with the drug

Trial 10: Drug. Yes, I was better off with my choice. 73/100 were better off with the drug

**(8/10)**

**Q1 (contd.) Summaries of lists of numbers: Cumulative histograms**

Trial 1: Placebo. Yes, I was better off with my choice. 21/100 were better off with the drug

Trial 2: Placebo. Yes, I was better off with my choice. 0/100 were better off with the drug

Trial 3: Placebo. Yes, I was better off with my choice. 41/100 were better off with the drug

Trial 4: Placebo. Yes, I was better off with my choice. 7/100 were better off with the drug

Trial 5: Placebo. Yes, I was better off with my choice. 0/100 were better off with the drug

Trial 6: Drug. Yes, I was better off with my choice. 66/100 were better off with the drug

Trial 7: Drug. Yes, I was better off with my choice. 89/100 were better off with the drug

Trial 8: Placebo. Yes, I was better off with my choice. 4/100 were better off with the drug

Trial 9: Placebo. Yes, I was better off with my choice. 29/100 were better off with the drug

Trial 10: Placebo. Yes, I was better off with my choice. 13/100 were better off with the drug

**(10/10)**

**Q3: Which graph styles worked well for playing the game, and which were less informative? Why?**

Cumulative histograms worked the best to play this game and make a decision after which I was better off. This was probably because in addition to being able to visually see the median I could also see all of the data.

Bar graphs were also very helpful. Better than histogram worse than cumulative histograms

Histogram was my least favorite because even though I could see the frequencies it was hard to make a decision based off of that