

## Assignment 11

### 1. Data Analysis

Submit to crowd grader a report detailing how you analyzed your data this week. Pick one of the following subjects or think one of your own and do a thorough analysis of it. Give some exploratory analysis explaining the datasets and comment if your conclusions are valid with the current data or not. Provide nicely formatted and commented tables and plots with your analysis.

#### Topics:

- 1) Does the social condition have an effect on the crowd aggregates?
- 2) If we estimate the crowd with those users who had the first ten questions answered correctly does the crowd estimate improve?
- 3) If we estimate the crowd with those users who had high confidence when answering the question, does the crowd estimate improve?
- 4) How does the crowd estimate change as we keep adding more observations? Does it seem to converge?
- 5) For multiple-choice questions can we define the quality of a crowd by the distribution of the users answers?  
Is it true that for those question with more people agreeing in an answer, the crowd is correct?

If you think of any other topic feel free to explore it.