Guidelines for Class Presentation

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At the end of the semester, we give class presentations of our work. I do **not** intend for these presentations to be the final word on your project. Rather, I intentionally want there to be another week's worth of work that you provide before your final report is due. On the one hand, this gives you a *hard* deadline that preceeds the return of the report deliverable; on the other hand, and more importantly, it gives you the opportunity to take feedback from your talented, capable, and newly experimentally-savvy peers.

1 Presentation Expectations

Here is what I expect to see from your presentations, and how I expect to see it.

1. No more than 15 minutes per group.
2. Eight minutes of questions from audience
3. Please, have practiced your presentation at least once from top to bottom before presenting it.
4. There is no need for each group member to speak during the presentation; I won't be grading that as a group participation. If one or two people want to talk, that is fine to keep things moving.
5. Without rushing, and without going over time (two things that are mutually exclusive...) you should cover the following ground:
   (a) In 30 seconds: What is your research question? Why is an experiment necessary?
   (b) n 30 seconds: What is the specific hypothesis that you're testing that is implied by theory or your question? What direction do you expect your outcomes to move as a consequence of treatment?
   (c) In 60 seconds: What is your treatment? Be specific. Show pictures of it, show the language that you used, etc. For me or the class to understand what you did, we need to understand what you did!
   (d) In 30 seconds: explain who/what your measurement units are. People? From where? Robots? What type?
   (e) In 30 seconds: How did you randomize and did it work?
   (f) Present a flow document like in Box 13.3.
   (g) In 60 seconds: Draw out using the ROXO grammar your experiment design, describe the comparisons that you're going to make that tell you something causal. Call this a RDD, or a D-n-D, or a within subjects or a between subjects comparison.
   (h) In 60 seconds: Describe your outcome measures. What are they? How are they related to the concept that motivated this experiment? What are they distributed like?

(i) In 180 seconds: Describe your analysis, results.

(j) In 30 seconds: List the questions and concerns that you want your peers to help you puzzle through.

6. Even though this is only 8 minutes of content, I promise this will take 15 minutes to present.

7. Share your slides with class AT LEAST 24 hours before the presentation.