

Oral Presentation Instruction

Important Due Dates:

Oral Presentation Proposal Due Date: April 05, 2019

Oral Presentation Dates: April 22 - April 29 during class.

Each of you will have **15 minutes** to present. Here are some loose guidelines of how you can prepare for the oral presentation. Limit your slides to 10 pages.

The paper by Philip E. Bourne offers guidelines for making good oral presentation and can be found at

<http://people.stat.sc.edu/hoyen/Stat705/Homework/Oral.pdf>

1. **Introduction:** Often, the most interesting part of a project is the student's motivation in choosing a particular project. The student may have extensive background knowledge or other personal reasons for a project choice. Do not be afraid to discuss this in detail in your introduction. I would prefer a less formal approach for this section, since you are not typically presenting technical material. The informality of the introduction, actually, sets the tone for the entire paper. Presenting the introductory material (and hence the entire paper) in first person, for instance, is acceptable.

This would also be a good time to discuss any hypotheses or predictions you may have for the predictor variables.

2. **Data**

- (a) Data sources: How was the data collect?

- (b) Data Preprocessing: Any data preprocessing procedures? Any normalization and filtering performed?

3. **Design Choices:** What is the design of the study?

4. **Statistical Models:** What models did the authors propose to analyze the data? The pros and cons of using this model and how it compares to existing models?

5. **Data Analysis:** What analyses are performed in the paper?

6. **Conclusion:** Describe the conclusions in the paper. Any further validation experiments performed? What is the implication and importance of the study?