

STAT 532 Final Project - 2017

Project Guidelines

Presentations will take place on class on December 6, 8, and 14th. In addition to the course presentation every speaker must also submit a project summary. The project summary will be due at **8 AM on December 14**. The project is worth 20% of the course grade. Evaluation for the project will be based on the following:

1. Class Presentation: 45%

- The presentation should be between 10-12 minutes and I will cut you off if you go over time. Practice is your friend here, make sure to practice your talk at least 2 times before presenting in class.
- The general target for the audience is that of your classmates.
- Speakers should be prepared to take questions from classmates or the instructor, but those questions will be restricted to after the presentation so they won't be included in the 10 - 12 minutes.
- The presentation should provide an overview of the problem studied and give the basic notation necessary for understanding the approach presented in the paper or taken in the data analysis. Giving 12 minute presentations is a skill and all relevant mathematical details cannot be covered.
- I will provide a Latex Beamer template, but you are welcome to use other approaches for the presentation.

2. Project Summary: 45%

- The project summary should describe the problem and provide all appropriate details, including those that might have needed to be omitted during the short presentations.
- There is no formal length, but the summary should include:
 - **For data analysis:** An overview of the data set, what question you are attempting to answer, a description of the model you are fitting (with mathematical notation), a description of the computational techniques, and a summary of the results - not simply discussing credible intervals, but what are the implications for your problem given the statistical model.
 - **For a paper review:** An overview of the problem the authors are working on, a discussion of the model or algorithm proposed, description of the computational / implementation details, and a summary of the implications of the article.
- The project summary should be a reproducible document that includes code implementing/verifying part or all of the method summarized in the document.

3. Peer Feedback: 10%

- Each speaker will give anonymous peer feedback on the days they are not presenting. Forms will be provided. Full credit will be given for thoughtful responses.