

ST740 – Final Project

Description: The final exam will be a group research project on a topic selected by the students in each group. The topic can either be a Bayesian analysis of an important and challenging data set, a comparison of state-of-the-art Bayesian approaches for an important statistical task or the introduction and study of new Bayesian theory/methods. The topic can be related to your on-going research, but must represent new work not already completed as part of your thesis research. The projects are to be done in groups of two students chosen by the instructor with student input. They are to result in a thorough but concise, professional quality technical presentation.

Final presentation due December 11: The final product is a presentation. You should email the instructor a PDF document with the presentation slides by **December 10**. This document will be the primary basis of the grade. You should also email the instructor a link to recording of a presentation to be viewed by your classmates. The recording should be no more than **12 minutes**.

The presentation should include:

- Motivation for studying this problem
- A description of data and/or methods to be used
- Discussion of the major findings
- A statement of the implications of your study
- A discussion of further questions raised by your study

Scoring: Scores for these projects will be assigned following:

1. Novelty of the topic and methodology, 20%
2. Quality of the analysis and/or methodology, 60%
3. Professional appearance and clarity of the presentation, 20%

Scores will be given to individual students and exceeding the time limit will be penalized.