ST540 – Spring 2019 – Final Project

Description: The final exam will be a team project on a topic selected by the team. The topic can either be a Bayesian analysis of an important and challenging data set or methodological work on topic in Bayesian statistics. The projects are to be done in groups of 2-3 students chosen by the instructor with student input. They are to result in a thorough but concise, professional quality technical poster presentation.

Abstract due April 3: These one-page proposals should list your team members and spell out briefly the main goals of the study, your basic approach, and the role of each team member. IMPORTANT: Pick a topic that interests you, but not something that you have already done! This project need not be computationally expensive nor require a huge time investment in data collection, but it does need to show careful planning and that you have mastered the concepts discussed in the course. If you are having trouble identifying a topic, please see the instructor as soon as possible.

Final report due May 1: The final product is a poster that you should turn in to the instructor and present in class. The posterior 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: Team 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 poster, 20%