

STAT 544 Project Details

Your project must have one of the following two structures, or a combination of the two.

1. Obtain a discrete dataset for analysis. Using relevant background information, formulate several scientific questions to be asked of the data. Carry out a full analysis that addresses these scientific questions using appropriate methods. Discuss your results.
2. Study a topic that is closely related to the content of the course but that we did not cover, or did not cover in depth. Literally thousands of journal articles have been published on statistical methods for discrete data.
 - A written report and 15 minute presentation are required.
 - Your project idea does not have to be earth shattering. Try to formulate a question that interests you.
 - Your project should require considerable time and effort yet not be too ambitious given the time constraint. Project presentations will begin on April 5, and your written reports will be due during the last week of April.

You must write a 1–2 page project proposal and get approval for your project from the instructor. Submit your proposal, by email, before the end of February.

In the interest of fairness and quality assurance, your paper, presentation, and participation must meet the following requirements.

- Your talk may comprise no more than ten slides, not including a title slide and a references slide. Send me your slides prior to your talk (I archive proposals, talks, and papers).
- You may talk for no more than 15 minutes, so that we will have time for a ten-minute question-and-answer period following your talk.
- You must attend, and evaluate, all of the presentations. I will collect and send to you your classmates' feedback.
- Your term paper may be no longer than 20 double-spaced pages, including figures, tables, and bibliography.
- If your project entailed writing a substantial amount of computer code, submit your code along with your paper.
- Plagiarism will not be tolerated. Cite your sources!