

Your project should apply Bayesian methods to analyze data in your field of interest. Although students are encouraged to share ideas, each registered student is required write up and present his or her own project. Oral presentations are scheduled for December 9. Written reports should be submitted no later than December 11. Students are encouraged to discuss their ideas and outlines with me well before those dates.

The written report should be no longer than 10 pages, exclusive of the table of contents, abstract, and appendices. It should include the following items:

1. Table of contents
2. Abstract, summarizing in no more than one page the key questions asked, methods used, and results found.
3. Introduction, laying out relevant background information and stating and motivating the research questions on which the project focused.
4. Data description including, if needed, comments on missing data and measurement errors. (Data sources should be fully specified either here or in notes to Appendix A.)
5. Methods. Describe the methods used, mention alternative methods that could have been used, and explain your choice.
6. Results, including sensitivity analysis if any.
7. Conclusion. Ideally, this should be more than a summary of results. Try to appraise the relevance of your project's results to your broader field of study. Does your data analysis suggest new questions for further research?
8. Appendices
 - (a) Data set (including data sources if not specified in section 4). Large data sets need not be printed in full if you can supply an electronic copy.
 - (b) Computer code, preferably in the R or BUGS languages. Annotation explaining the less obvious operations will be appreciated. Electronic versions of the code should be made available to me.
 - (c) References