

Stat 641 – Project outline

Here's a(n approximate) list of the sections your project should have. There's some flexibility in this, but if you haven't already written projects in several other classes, this is a reasonable organization for your paper to have. Your paper should be approximately 5–10 pages long, plus any graphs or tables.

Please submit your paper to me both electronically and as a hardcopy (for those who are local), by 5p.m. on Wednesday, December 9, 2020.

1. Abstract (At most, around 15 lines; a very short summary of the entire project)
2. Introduction – provide background for your problem and tell me the primary question or questions you are trying to answer.
3. Data – describe your data set and how it was collected or simulated.
4. Methods
 - Statistical model
 - Model fitting (e.g. Markov chain Monte Carlo)
5. Results.
6. Discussion / future work – be sure to tell me if there are loose ends in your work, things that couldn't be done in such a short time frame but would be nice to do if you had a lot more time and resources.
7. References – give credit to books and people who have helped you, including our text, R (if you used R), packages / software you used, etc. If you had discussions with people, it's good to list their names (just say “personal communication with Name Of Person”).

A few of you have projects that may not fit into this general format, and that's okay (if you have spoken to me about it).