**Fall 2018**

**Bayesian Statistics**

**Group Project**

**Instruction:**

Group size: 3-4

Topic: Select your own topic related to Bayesian Statistics. Bayesian methods should be included in your project. Techniques such as Monte Carlo Method is necessary. A good problem is important. Interesting and innovative ideas are encouraged. Not restricted to what you have learned in the classes.

Oral Presentation: 15 minutes for each group. In your presentation, it is recommended to introduce the problem, methodology, techniques and results. Also, you should include at least one page about the R code you used.

Report: academic writing (take the format of papers as a reference). Appropriate conclusions and your own understandings are necessary. Fantastic data visualization could be a plus. Both hard copy and soft one are needed.

Deadline for report: 11:59m, 26 Dec 2018. Later submission will not be accepted.