1 Project Description for STAT321/421

1.1 Project report due Decemeber 8, 2020

You must conceive of and run a simulation study in full.

2 Format of Report and Rubric

1. (10 points): Introduction: Describe the problem and what you want to learn from your simulation study. You can also add citations to others' previous work that is related to your problem. This is almost exclusively text.

2. (25 points) Methods: Here you describe the details of the methods that you are going to use to solve your problem. If there are formulas involved in your problem, this is where they usually go. You could also choose to put your code in this section (though I generally prefer to put the code in an Appendix).

3. (25 points) Results: Describe all of the interesting results that you have found. In this case, you would describe the results of your simualtions and summarize what you have learned. This is also where you would put tables and graphs with your results. (Tables are OK, but, imho, figures are better!). Make sure you describe in detail what is in each table and figure.

4. (10 points) Conclusions / Future Work: Briefly restate what you did and then describe the results. It is also good to mention in this section other work that you would do in the future if you had time. This section is almost exclusively text.

5. (30 points) Appendix: This is where your code should go (or a link to your code). I should be able to take this code and run it and get ALL the results that appear in your report. Remember to use good style when writing your code (http://adv-r.had.co.nz/Style.html).