ST 518 Fall 2020:
Semester Project

Grading Rubric

Item	Value
Executive Summary • Effectively and succinctly convey objectives, summary of experimental design, and results and conclusions drawn from experiment	5 points
Introduction • Effectively describe the purpose of the experiment	5 points
Experimental Design • Effectively describe the experimental design and factors	5 points
Exploratory Analysis • Effectively describe results and insights gained from exploratory analysis; include any appropriate visualizations or computations to support your assessment	15 points
Analysis and Results • Fit appropriate models and follow good statistical analysis process to determine the best model to use • Make use of proper diagnostics • Choose the appropriate effects to compare, correctly estimate and test significance of the effects and trends	15 points 5 points 15 points
Conclusion • Effectively describe conclusions and reasons for recommendation, analysis limitations, and future work • Address the proper role of the Stirred variable in this analysis	5 points 5 points