STAT3022/3922/4022:
Rubric for evaluating projects

The project will be marked based on a set of criteria listed below. Each of the following criterion will be scored from 1 to 5, with roughly speaking

- Level 1: no or little work is done or it is done completely wrong.

- Level 2: most or all necessary works are done; nevertheless, there are major or systematic mistakes in the works.

- Level 3: all necessary works are done, but there are some minor mistakes.

- Level 4: all necessary works are done without any mistake.

- Level 5: all necessary works are well-done, no mistake, some creativities or innovations are demonstrated.

1 Report

Categories	Criterion	Score
Data description (5%)	Summary statistics	
	Data visualization	
	Background (literature)	
Model building (40%)	Variable selection	
	Inferences	
	Unusual observations	
	Checking assumptions	
	Model comparison	
	Exploring polynomial and interactions	
	Overall model building[a]	
Model improvement (15%)	Motivation for the new method	
	Explanation and implementation of the new method	
Conclusion (10%)	Discussion of findings in the context	
	Limitation of models and/or methods	
Presentation (10%)	Report formating and structure	
	Use of language	
	Spelling and grammar	

[a] How you connect different parts of the model building process together.

2 Video

Categories	Criterion	Score
Content (15%)	Data are described clearly and concisely	
	Model building process is explained logically and intuitively, without or little reliance on mathematical notations	
	Method for improving models is explained intuitively with clear motivation from the data	
	Notable findings are highlighted	
Impression (5%)	Presentation skill (voice, speed, clarity.)	

Your group will lose marks if

- Your video presentation is longer than 10 minutes.

- Not all group members speak in the video.

- Not all group members show the face in the video.

- Your video skips a significant part of the report.