

## **STA312 Project 2 Rubric**

### Content (14 marks)

- Linear regression and Logarithmic regression (2 marks)
- Mentioning Kevin Bacon counter (1 mark)
- A line graph of Year vs. Index (1 mark)
- A set of bar graphs showing i. Counts of each genre ii. Counts of each country (1 mark)
- A two-way table showing the counts of genre by country (1 mark)
- A set of histograms showing i. Lengths of the movies ii. Lengths of the movies, grouped by the 4 most common genres iii. Ratings (3 marks)
- Budget (data will be sparse) (1 mark)
- Gross earnings (data will be sparse) (1 mark)
- set of scatterplots showing i. Gross earnings vs. Budget ii. Budget vs. Year iii. Gross earnings vs. Year (3 marks)

### Spelling/Grammar and Format (8 marks)

- Spelling/Grammar (2 marks)
- Presentation of data. Graphs must be sensibly presented and include a title, labelled axis, etc... (6 marks)
- Grade halved if no ggplot
- Plots should be of form "Y vs X" with X the horizontal axis (else: -1 marks)
- Executive summary on title page (else -1 marks)

### Analysis (12 marks)

- 2-3 sentences per graph or table, each analysis must make sense and the conclusion must follow from the premises. (8 marks)
- Unique analysis. Should be interesting and conclusion should be based on the results. (4 marks)

### Code (0 marks)

- No Python code (-2 marks)
- No R code (-2 marks)
- Code not in fixed width font (-1 marks)