STAT 6430 – Final Project – R

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Final Project Report

Introduction:

Objectives:

What seems to be associated with a high rating?

What groups are most likely to provide higher ratings?

Conclusion:

**Appendix 1**: Answers to Questions

1. **Which percentage of each rating was given?**

Rating: Percentage:

1. 6.11%
2. 11.37%
3. 27.145%
4. 34.174%
5. 21.201%
6. **Which reviewers were the top-10 in terms of number of movies reviewed? (Provide the reviewer number and the number of movies reviewed. If there is a tie for 10th place, include all that tied.)**
7. **Find a 95% confidence interval for the average rating among all reviewers, and a 95% confidence interval for the average rating among the top-10 reviewers. Does there appear to be evidence that the two groups differs?**
8. **Which movies were the top-10 based on of number of times reviewed? (Provide the movie title and the number of times reviewed. If there is a tie for 10th place, include all that tied.)**
9. **Which genre occurred most often, based on the number of reviews. Which was least often? (Don’t include “unknown” as a genre for this question.)**
10. **What percentage of reviews involved movies classified in at least two genres?**
11. **Give a 95% confidence interval for the average rating for male reviewers, and do the same for female reviewers.**
12. **Which state/territory/Canada/unknown produced the top-5 most reviews?**
13. **What percentage of movies have exactly 1 review? 2 reviews? 3 reviews? Continue to 20 reviews.**
14. **Which genre had the highest average review, and which had the lowest average review?**
15. **Repeat the previous question, for reviewers age 30 and under and then for reviewers over 30.**