

Data Appendix

Combined CSV Files	Variables:	Observations:
Three Body Problem	Content, Rating, Platform, Title	Had the 3rd most reviews, with 1013 entries Ranked 3rd in average review length, with an average of 1070.84 characters Ranked 7th in average rating with a score of 5.81
Shogun	Content, Rating, Platform, Title	Had the 5th most reviews, with 693 entries Ranked 2nd on average review length
Slow Horse	Content, Rating, Platform, Title	Had the least reviews, with 332 entries Ranked 7th on average review length, with an average of 715.26 characters Ranked 2nd in average rating
Mr.MrsSmith	Content, Rating, Platform, Title	Had the 6th most reviews, with 567 entries Ranked 4th on average review length, with an average of 939.33 characters
The Crown	Content, Rating, Platform, Title	Had the 4th most reviews, with 954 entries Ranked 5th on average review length, with an average of 798.93 characters
The Morning Show	Content, Rating, Platform, Title	Had the 2nd most reviews, with 1039 entries Ranked last on average review length, with an average of 538.22 characters Ranked 4th in average rating, with a score of 7.27
The Gilded Age	Content, Rating, Platform, Title	Had the 7th most reviews, with 413 entries Ranked 6th in average review length, with an average of 724.41 characters Ranked 6th in average rating with a score of 6.26
Fall Out	Content, Rating, Platform, Title	Had the most reviews, with 1108 entries Ranked 1st on average review length, with an average of 1177.67 characters

Variables	Definition	Data Type
Content	The text of the review, providing insights into viewer's opinions about the series	String
Platform	The source of review, indicating whether it was obtained from IMDb or Rotten Tomatoes	String
Rating	A numerical rating out of 10 given by the reviewer, reflecting their overall impression of the series	Numeric
Title	The title of the review, summarizing the reviewer's main point	String

EDA Diagrams:

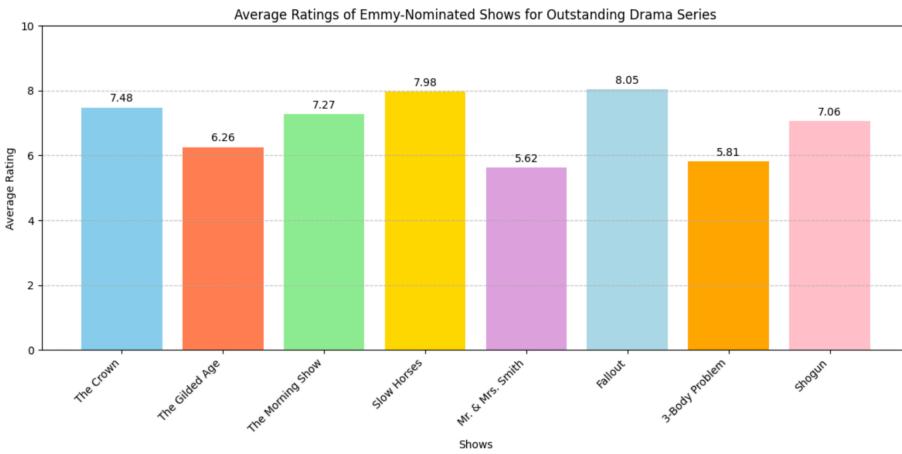


Figure 1.1: A bar graph showing the average rating of Emmy-Nominated shows out of 10 point score given by the reviewer on IMDb.

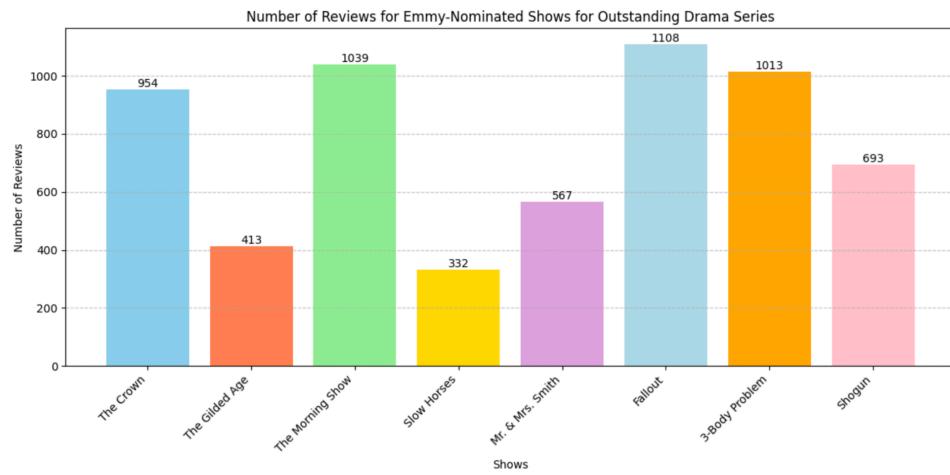


Figure 1.2: A bar graph of the number of reviews for all the nominated shows. The number of reviews were totalled from both IMDb and Rotten Tomatoes.

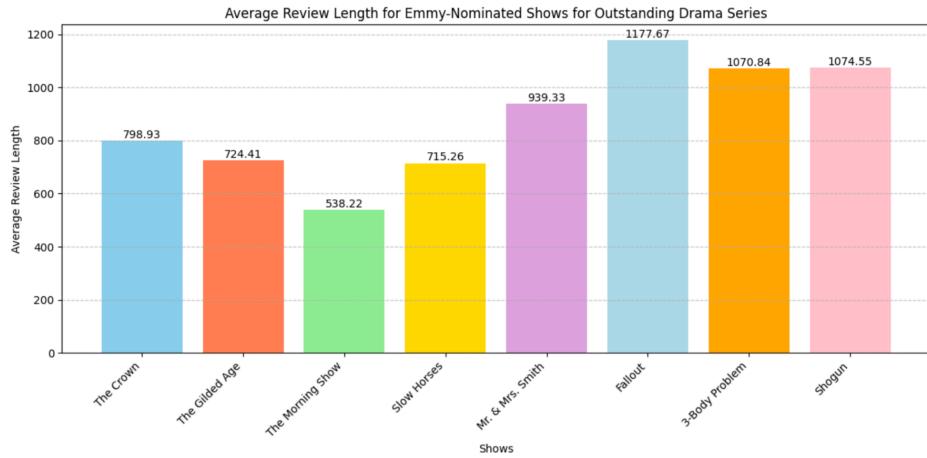


Figure 1.3: bar graph of the average review length for each nominated show. The length of the shows were determined by the number of characters in a review.

K-Means Clusters Diagrams:

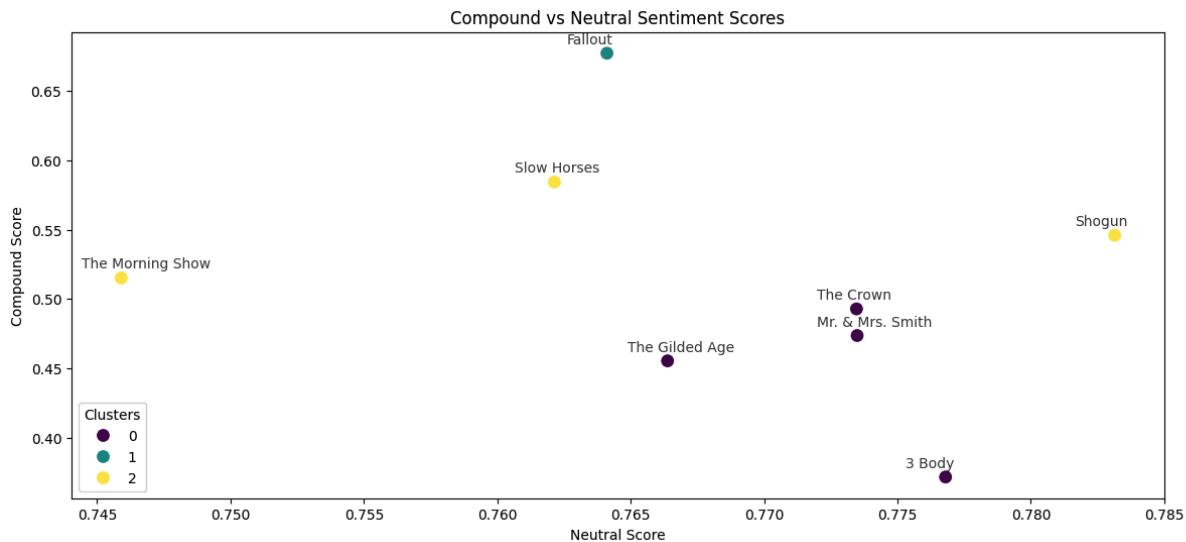


Figure 2.1: K-means cluster diagram to visualize the compound and neutral sentiment scores for each nominated series.

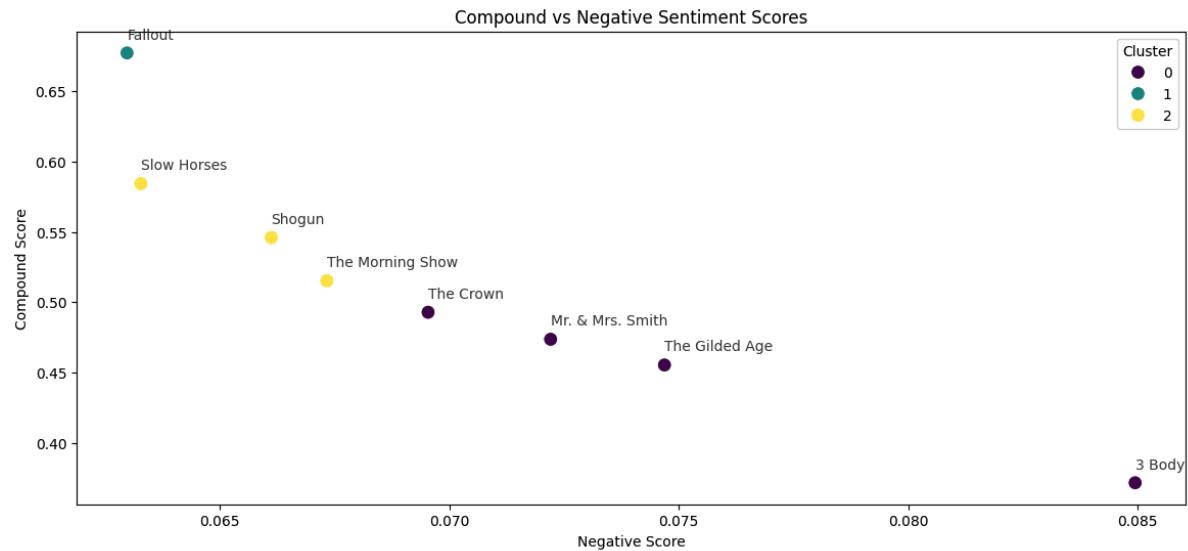


Figure 2.2: K-means cluster diagram to visualize the compound and negative sentiment scores for each nominated series.

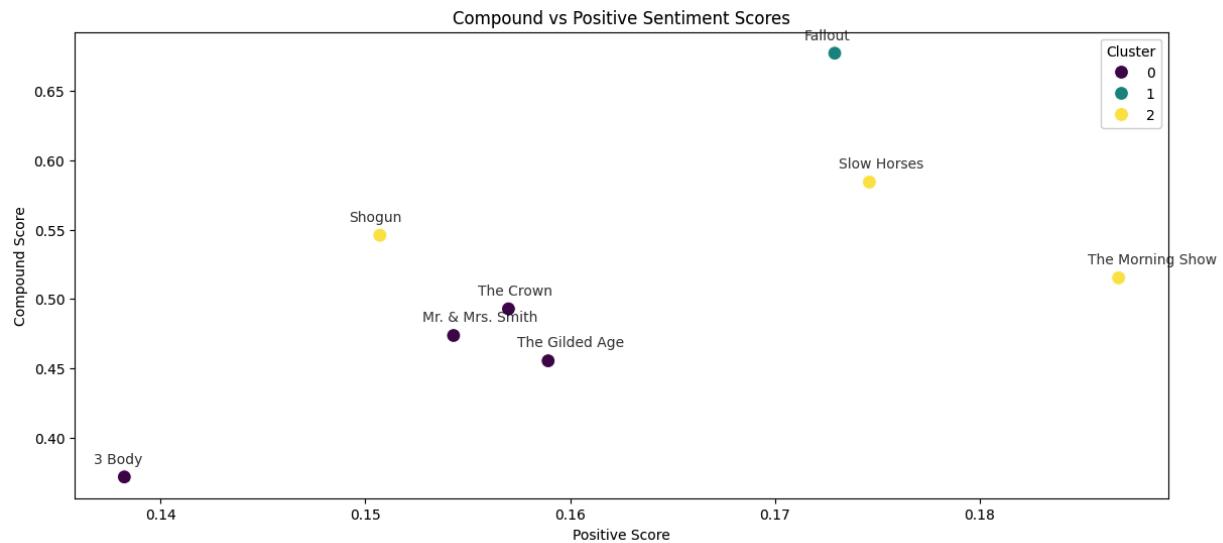


Figure 2.3: K-means cluster diagram to visualize the compound and positive sentiment scores for each nominated series.

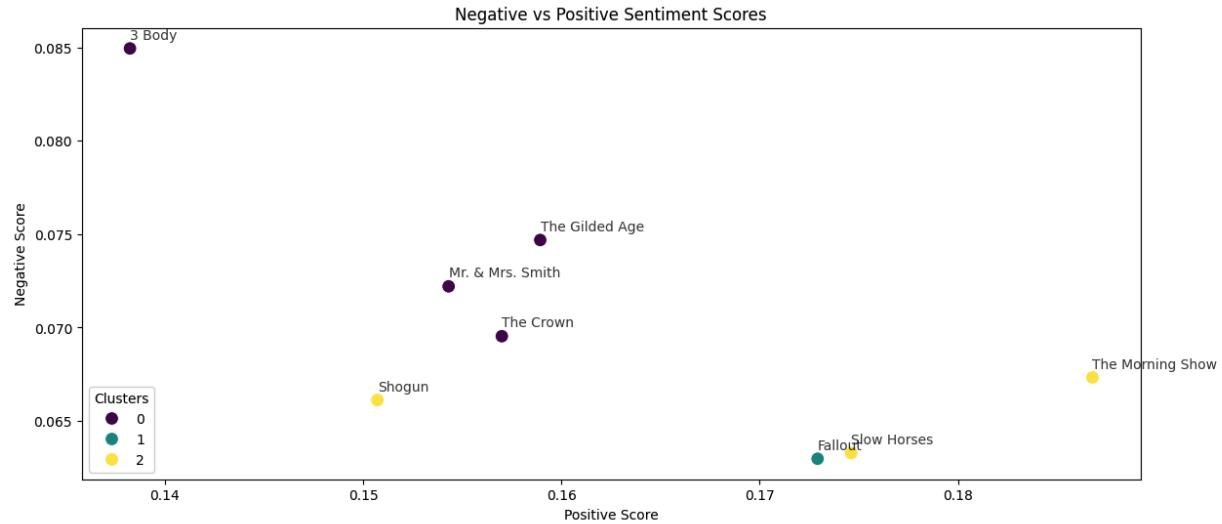


Figure 2.4: K-means cluster diagram to visualize the negative and positive sentiment scores for each nominated series.

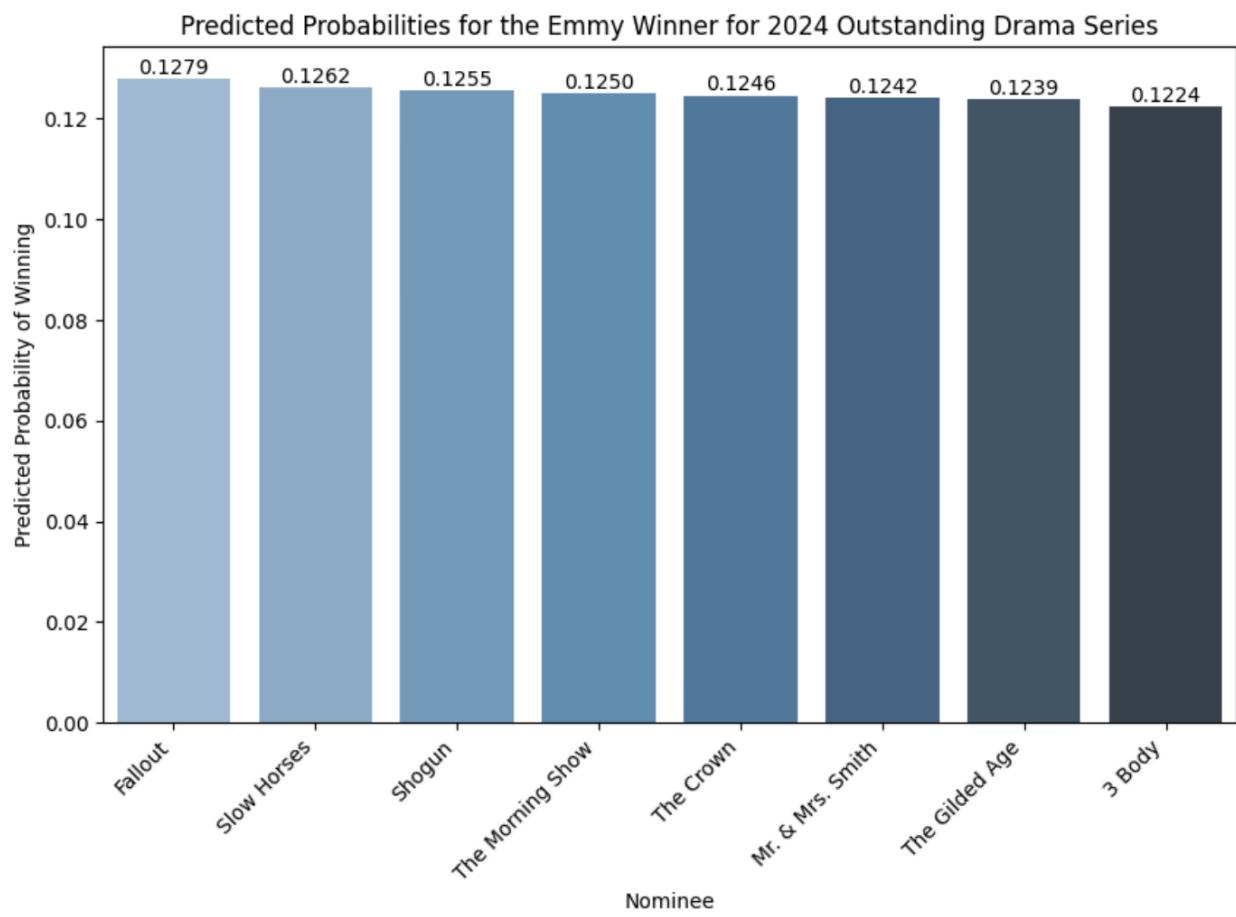


Figure 2.5: Predicted Probability of winning for the category of Outstanding Drama.

Sentiment Analysis Diagrams:

Sentiment Analysis for Shogun as a Fraction of the Compound Sentiment Score

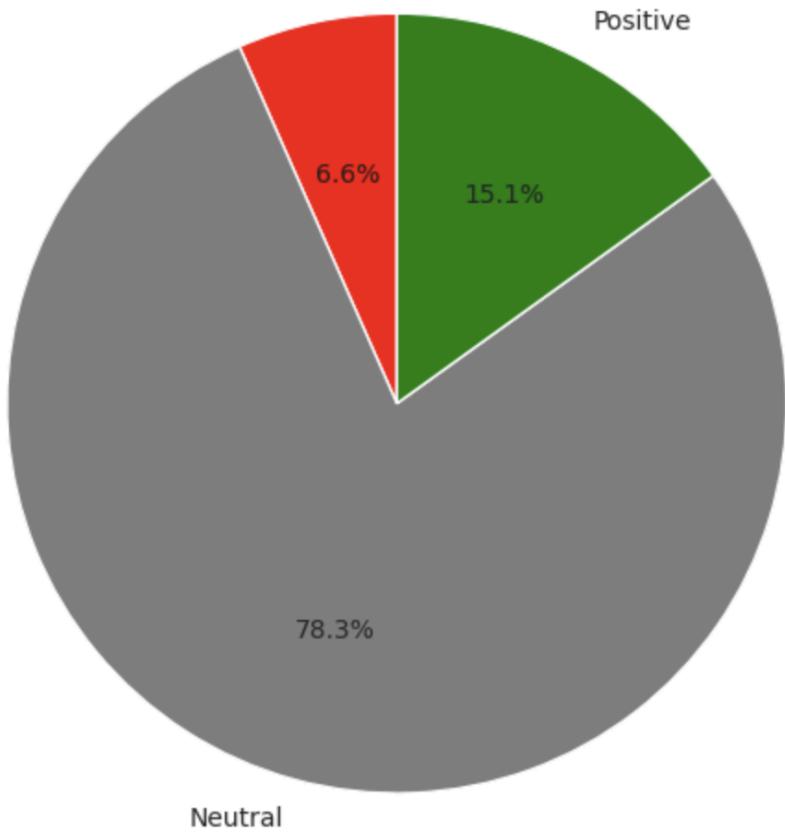


Figure 4.1: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for Shogun.

Sentiment Analysis for The Morning Show as a Fraction of the Compound Sentiment Score

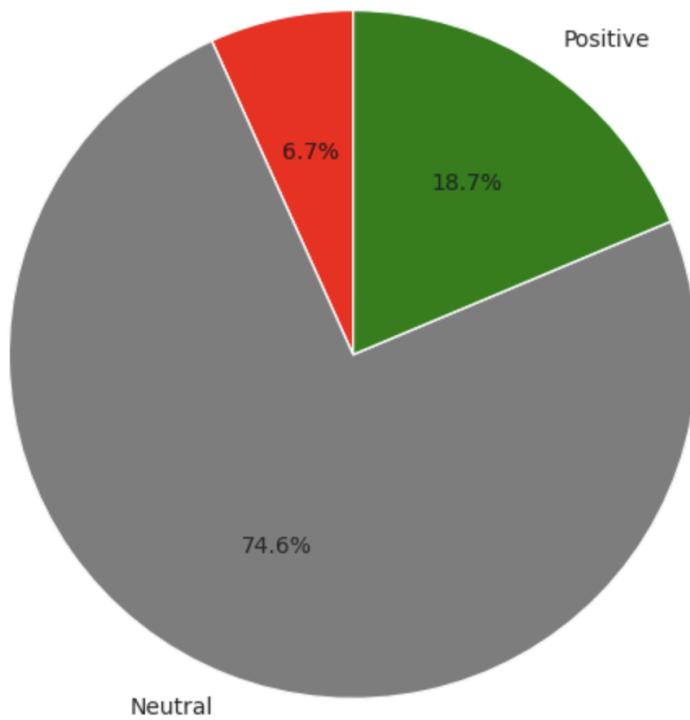


Figure 4.2: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for The Morning Show.

Sentiment Analysis for The Gilded Age as a Fraction of the Compound Sentiment Score

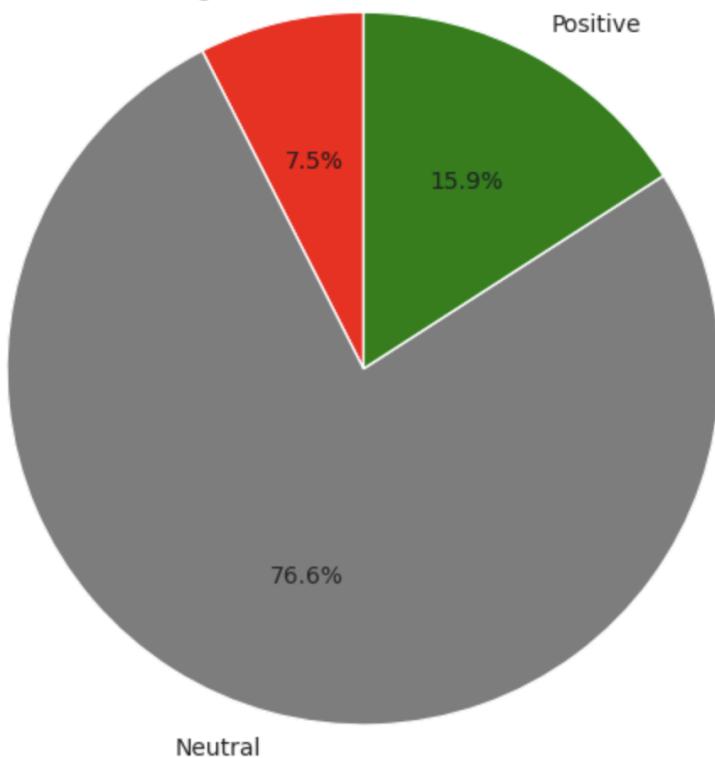


Figure 4.3: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for The Gilded Age.

Sentiment Analysis for The Crown as a Fraction of the Compound Sentiment Score

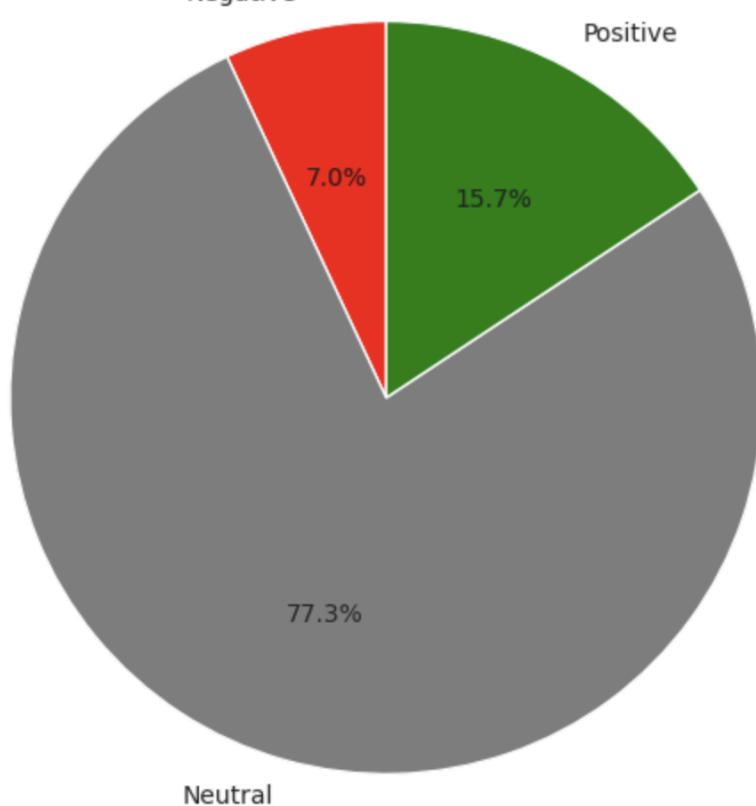


Figure 4.4: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for The Crown.

Sentiment Analysis for Slow Horses as a Fraction of the Compound Sentiment Score

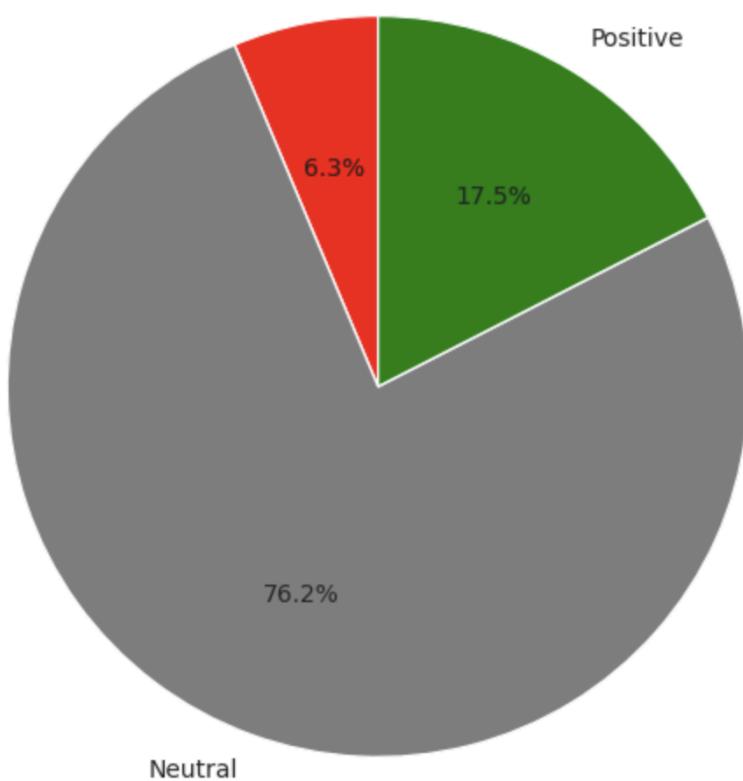


Figure 4.5: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for Slow Horses.

Sentiment Analysis for Mr. & Mrs. Smith as a Fraction of the Compound Sentiment Score

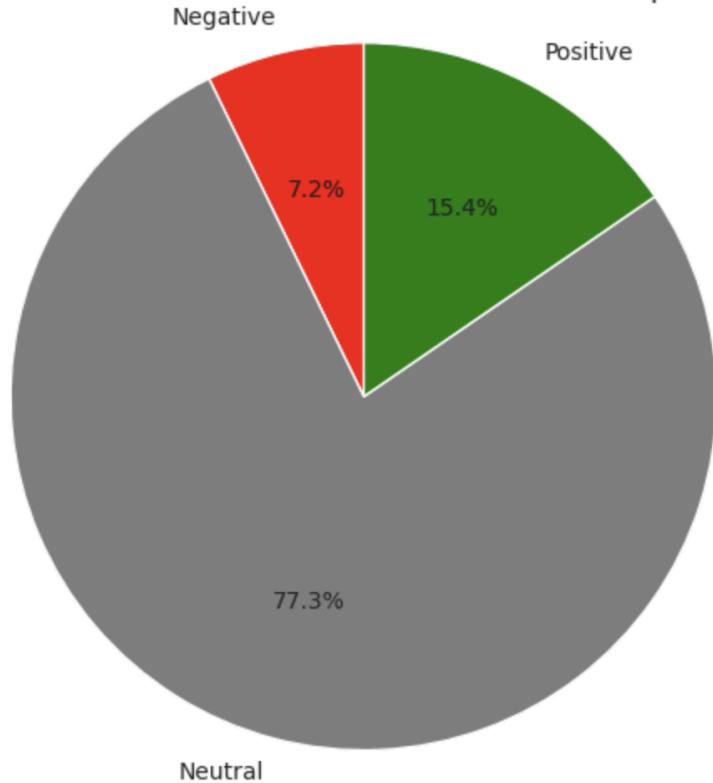


Figure 4.6: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for Mr. & Mrs. Smith.

Sentiment Analysis for Fallout as a Fraction of the Compound Sentiment Score

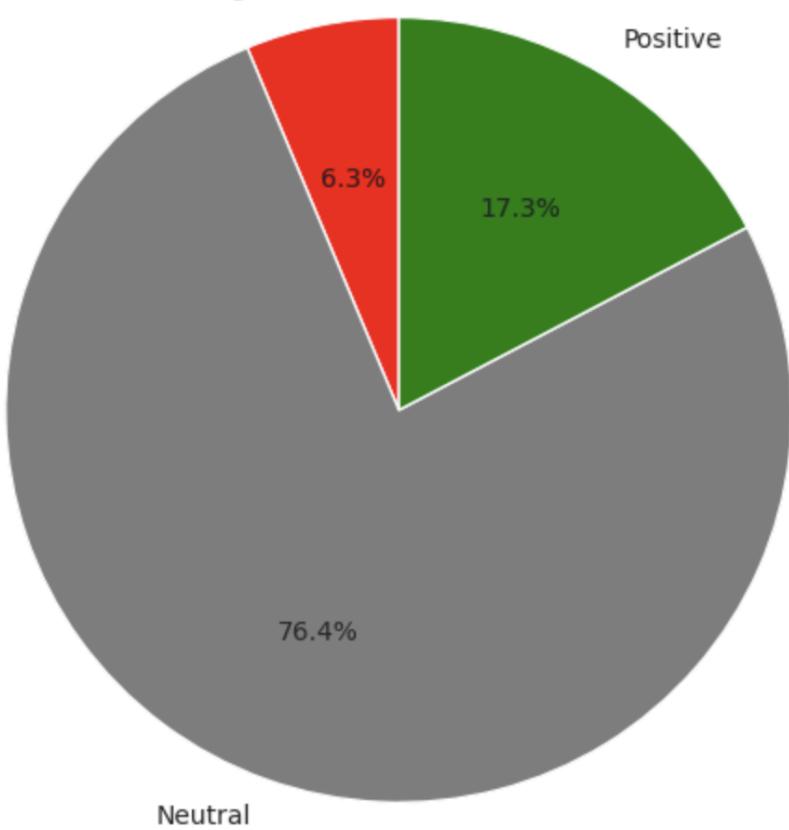


Figure 4.7: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for Fallout.

Sentiment Analysis for 3 Body as a Fraction of the Compound Sentiment Score

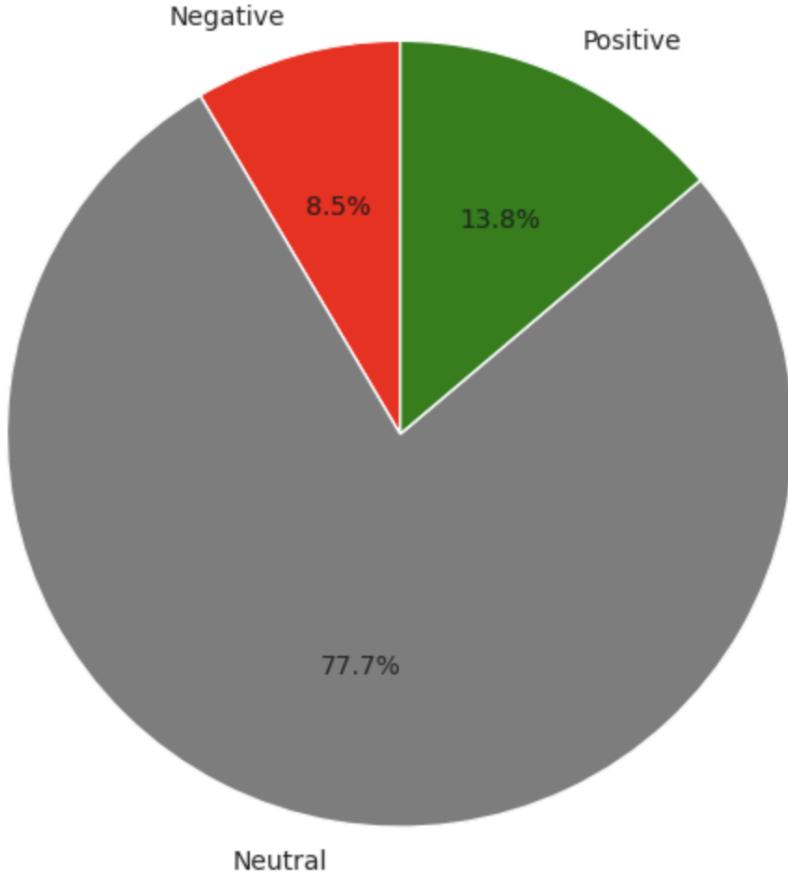


Figure 4.8: Pie chart to visualize the percentage of neutral, negative, and positive sentiment scores that make up the compound sentiment score for 3 Body Problem.

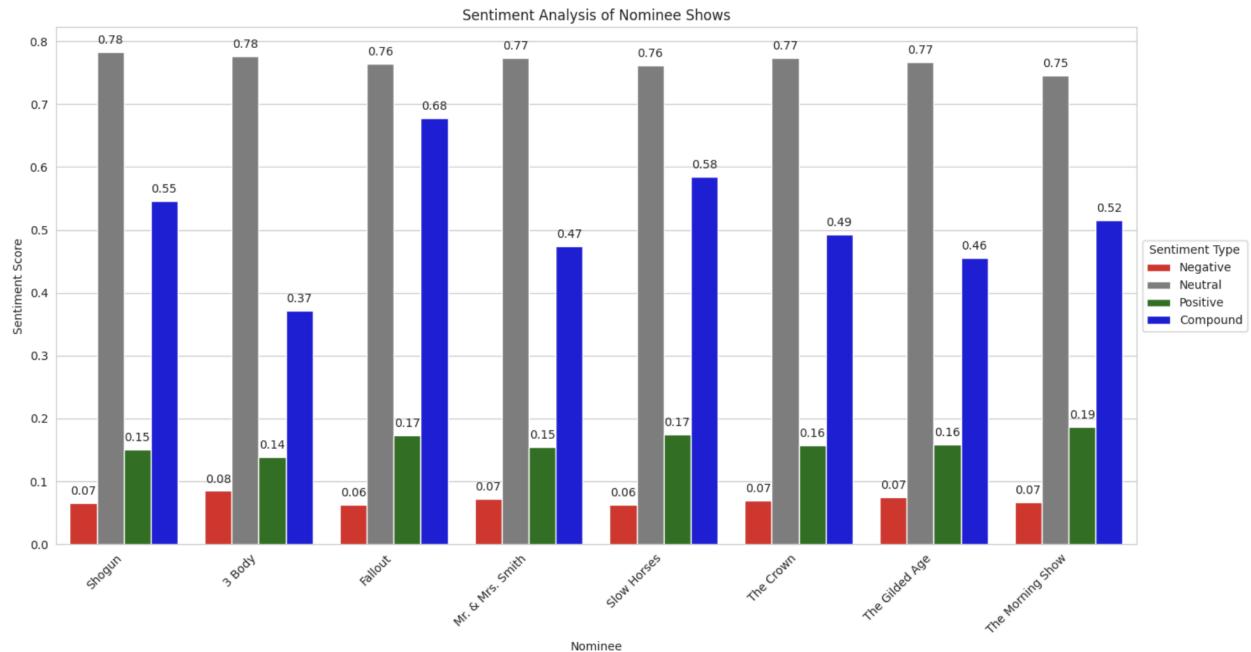


Figure 4.9: Bar graph of sentiment analysis score vs the sentiment type(negative, neutral, positive, compound) among the Emmy nominated shows.

Word Cloud:

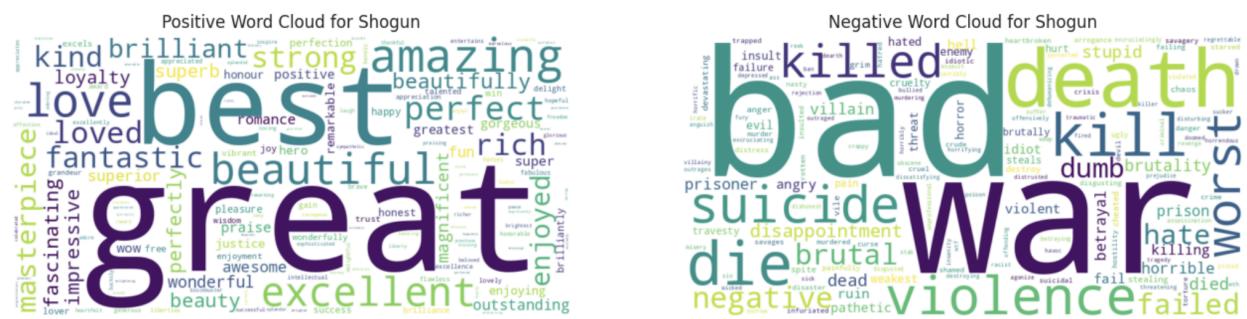


Figure 5.1: Positive and Negative word clouds for Shogun.



Figure 5.2: Positive and Negative word clouds for 3 Body Problem

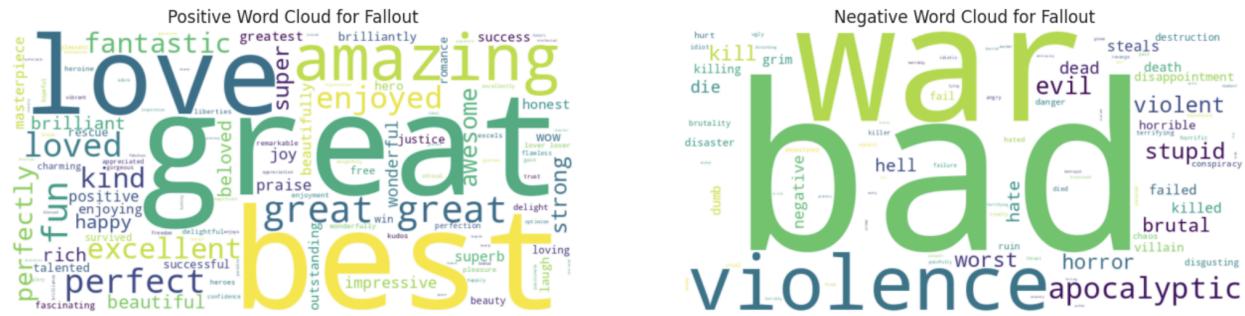


Figure 5.3: Positive and Negative word clouds for Fallout.



Figure 5.4: Positive and Negative word cloud for Mr. & Mrs Smith.



Figure 5.5: Positive and Negative word cloud for Slow Horses

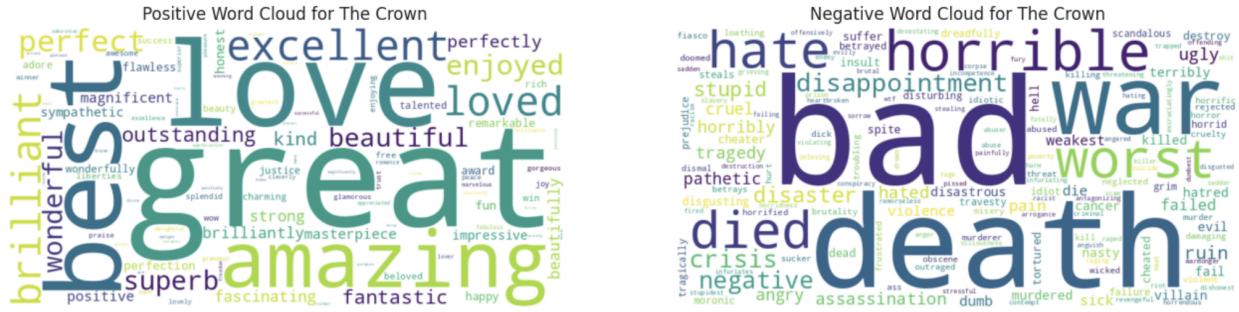


Figure 5.6: Positive and Negative word cloud for The Crown.



Figure 5.7: Positive and Negative word cloud for The Gilded Age



Figure 5.8: Positive and Negative word cloud for The Morning Show

Overall Compound Sentiment Word Cloud:



Figure 6.1: Word cloud of the overall compound sentiment for Shogun.

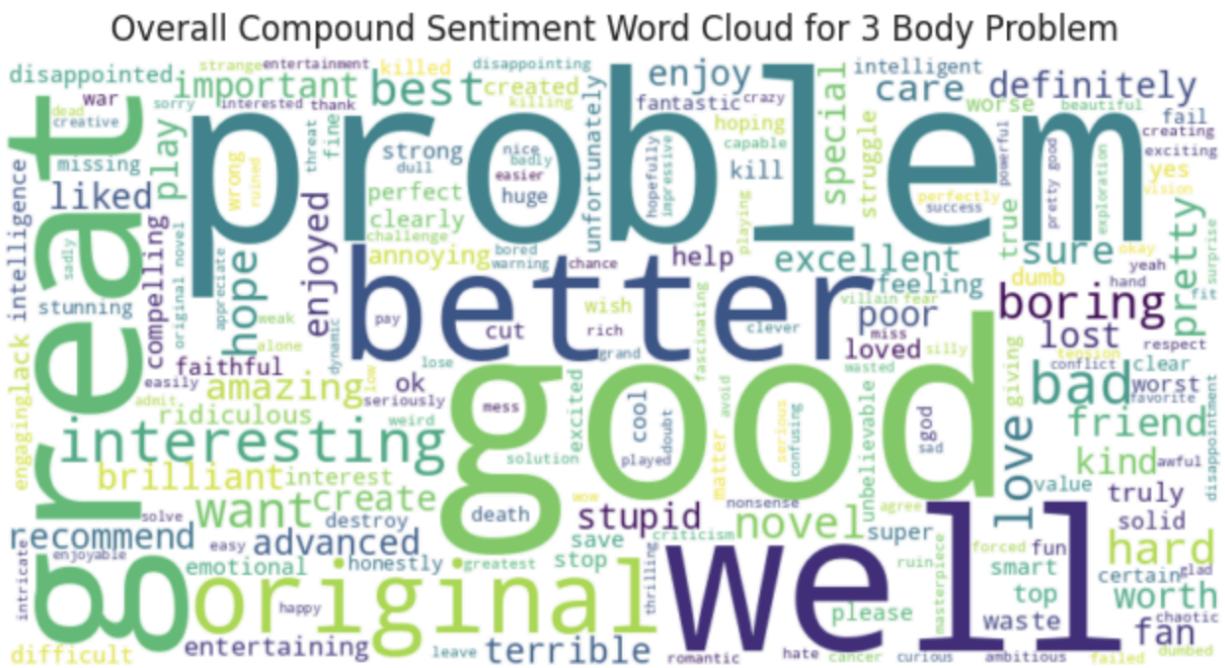


Figure 6.2: Word cloud of the overall compound sentiment for 3 Body Problem.

Overall Compound Sentiment Word Cloud for Fallout



Figure 6.3: Word cloud of the overall compound sentiment for Fallout.

Overall Compound Sentiment Word Cloud for Mr. and Mrs. Smith



Figure 6.4: Word cloud of the overall compound sentiment for Mr. & Mrs. Smith.



Figure 6.5: Word cloud of the overall compound sentiment for Slow Horses.



Figure 6.6: Word cloud of the overall compound sentiment for The Crown.

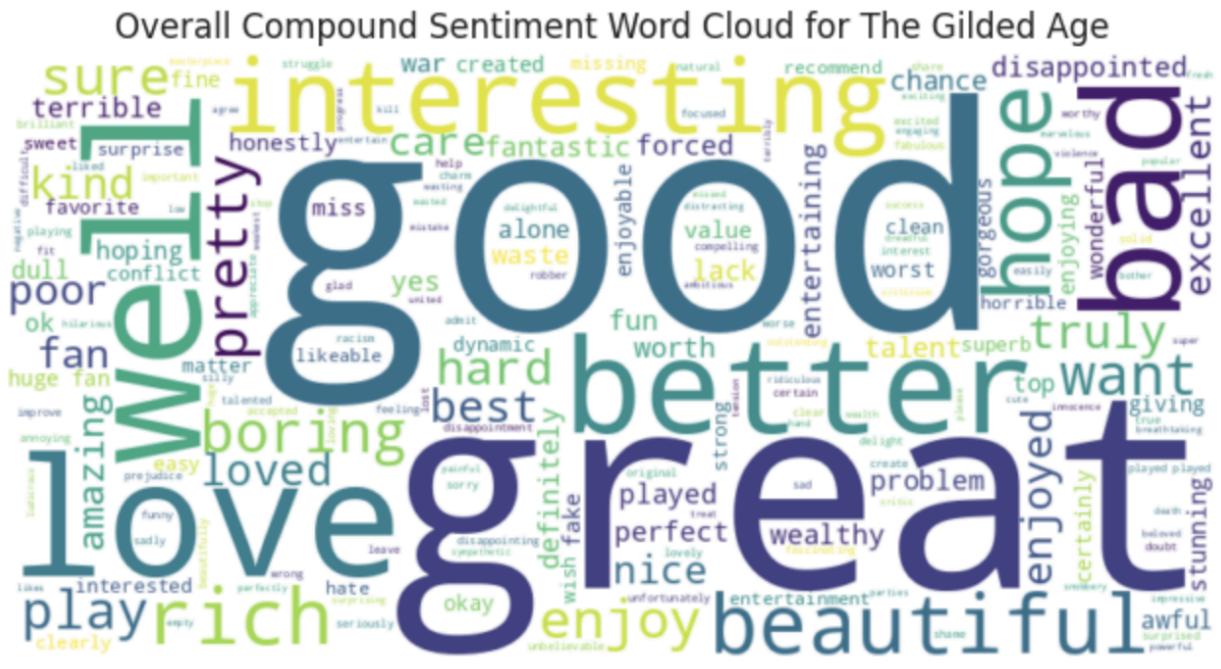


Figure 6.7: Word cloud of the overall compound sentiment for The Gilded Age.



Figure 6.8: Word cloud of the overall compound sentiment for The Morning Show.