

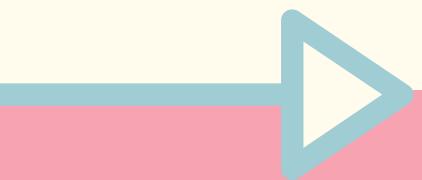


# THE GREAT BAKE OFF®

The logo for "The Great British Bake Off" is displayed in a white rectangular box with a black border. The text "THE GREAT" is in bold black capital letters, and "BAKE OFF" is in large, thin-lined black capital letters. A registered trademark symbol (®) is located at the bottom right of "OFF". Above the text, there is a decorative graphic consisting of a jagged blue line above a jagged pink line.

BY AMY SU

# PREMISE





# INGREDIENTS

AKA METHODOLOGY

40 EPISODES - SUBTITLES  
FROM NETFLIX

3 PARTS - PREPROCESSING  
BY SPEAKER AND DIALOGUE

- 1.5 PARTS SPACY
- 1.5 PARTS NLTK

8 TOPICS FROM TOPIC  
MODELING WITH NMF

2 PARTS SENTIMENT  
ANALYSIS USING VADER



DESCRIPTIONS



BREADS



COMPETITION



INGREDIENTS



TECHNIQUE



FLAVORS



CHALLENGES

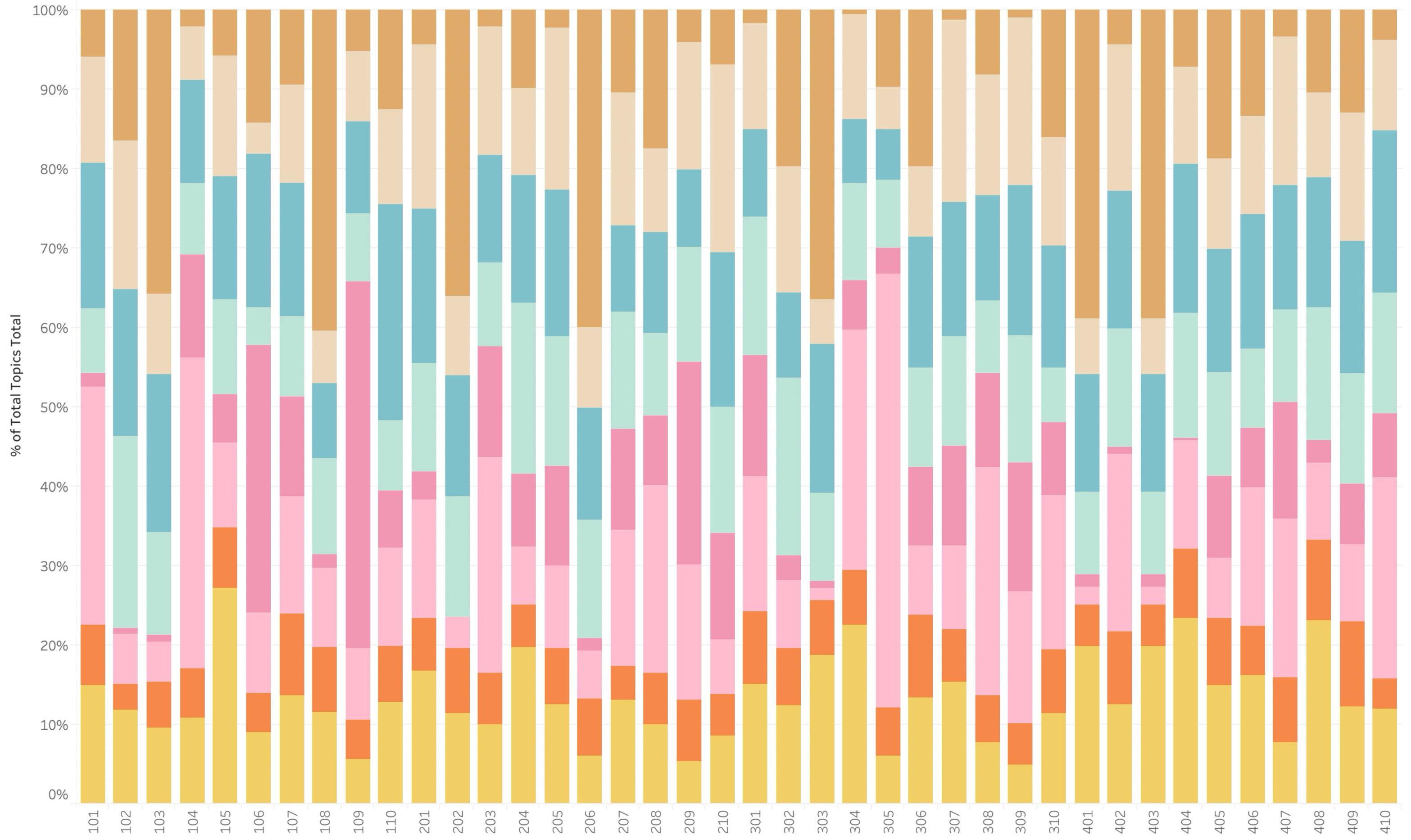


RANKINGS

TOPIC MODELING WITH NON-NEGATIVE MATRIX  
FACTORIZATION

# Topics by Episode

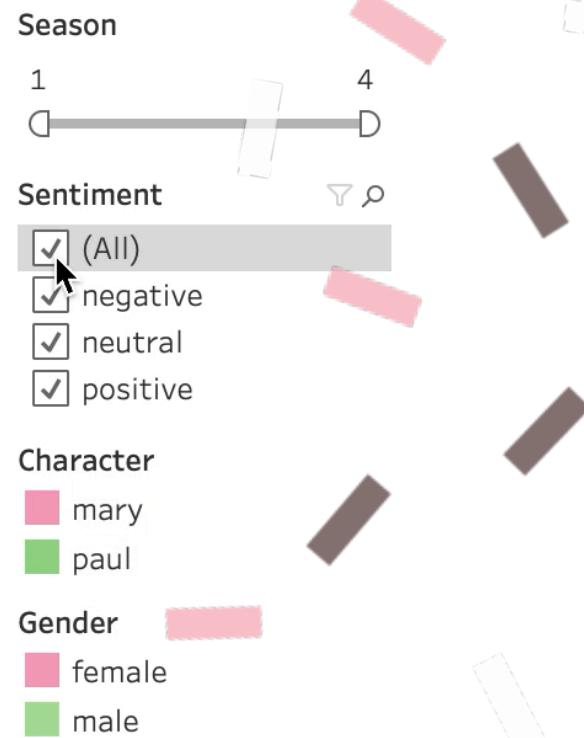
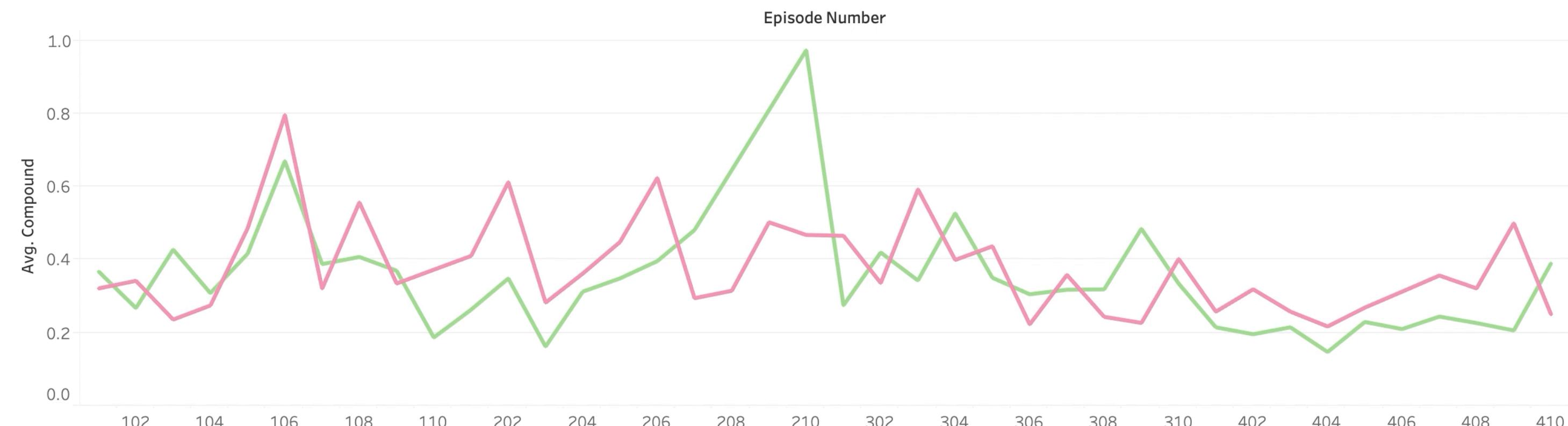
Episode Number



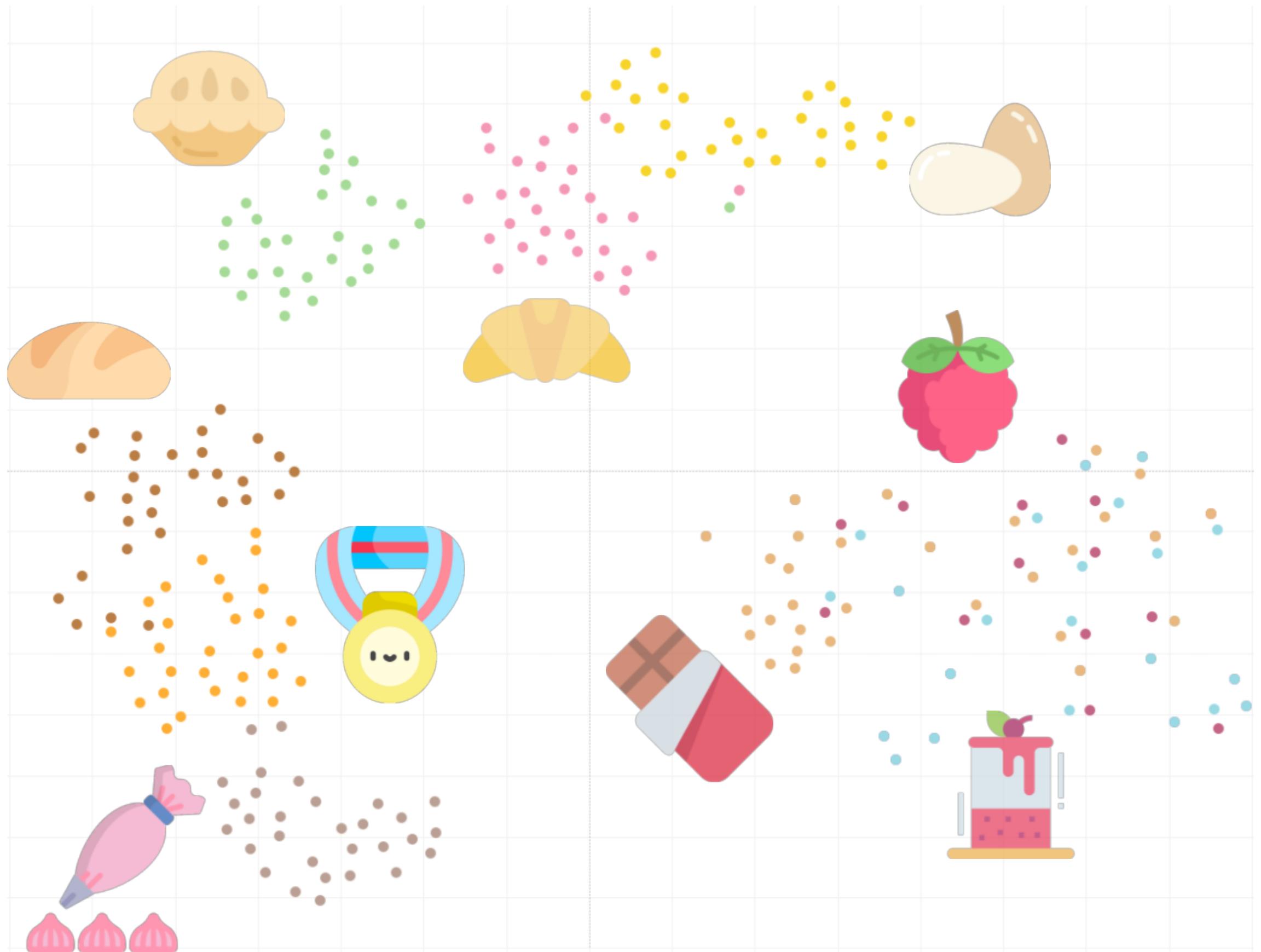
## Judges Sentiment



## Contestant Sentiment by Gender



# WORD2VEC T-SNE PLOT



# FUTURE WORK

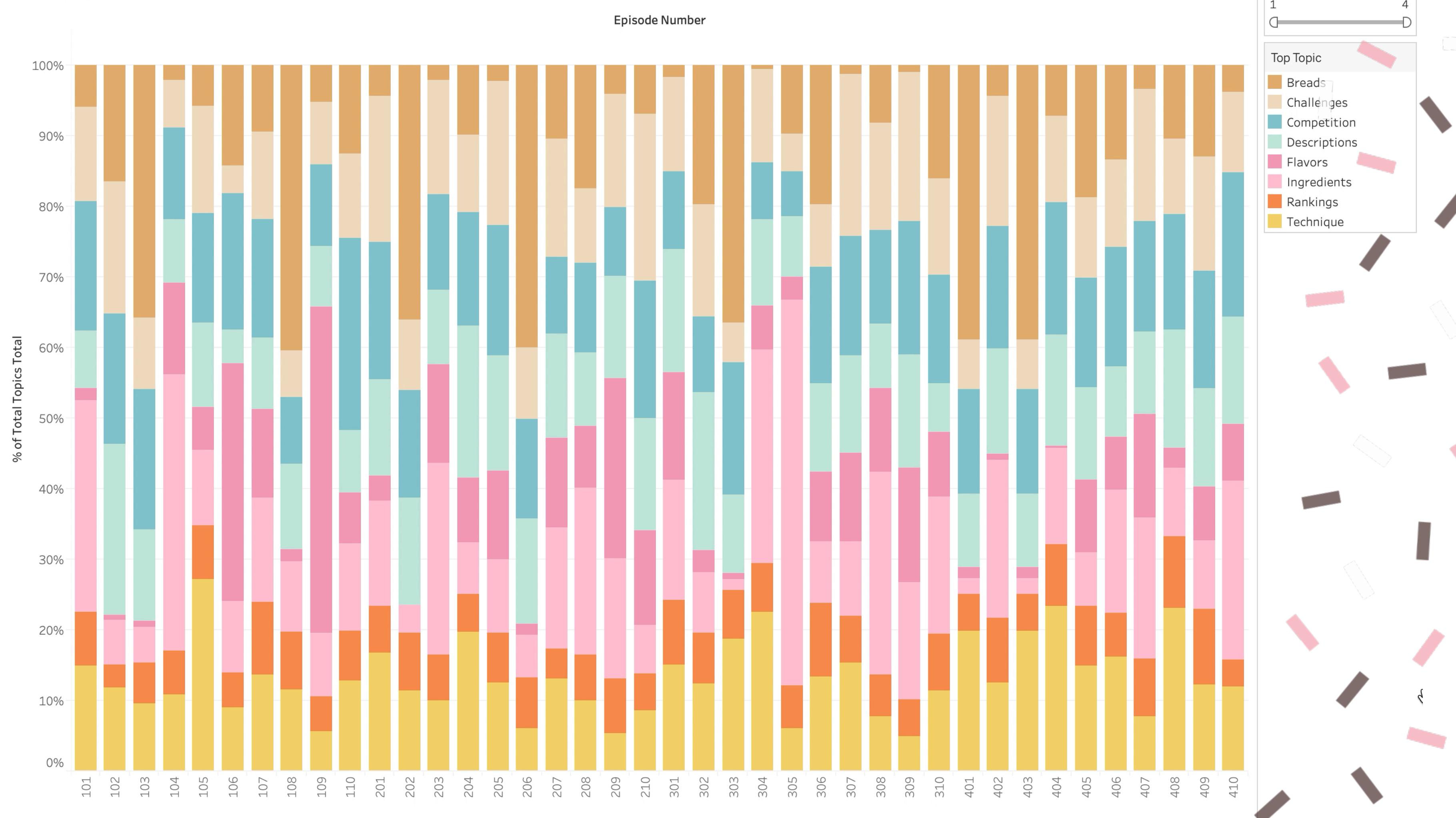


THANK YOU

# APPENDIX

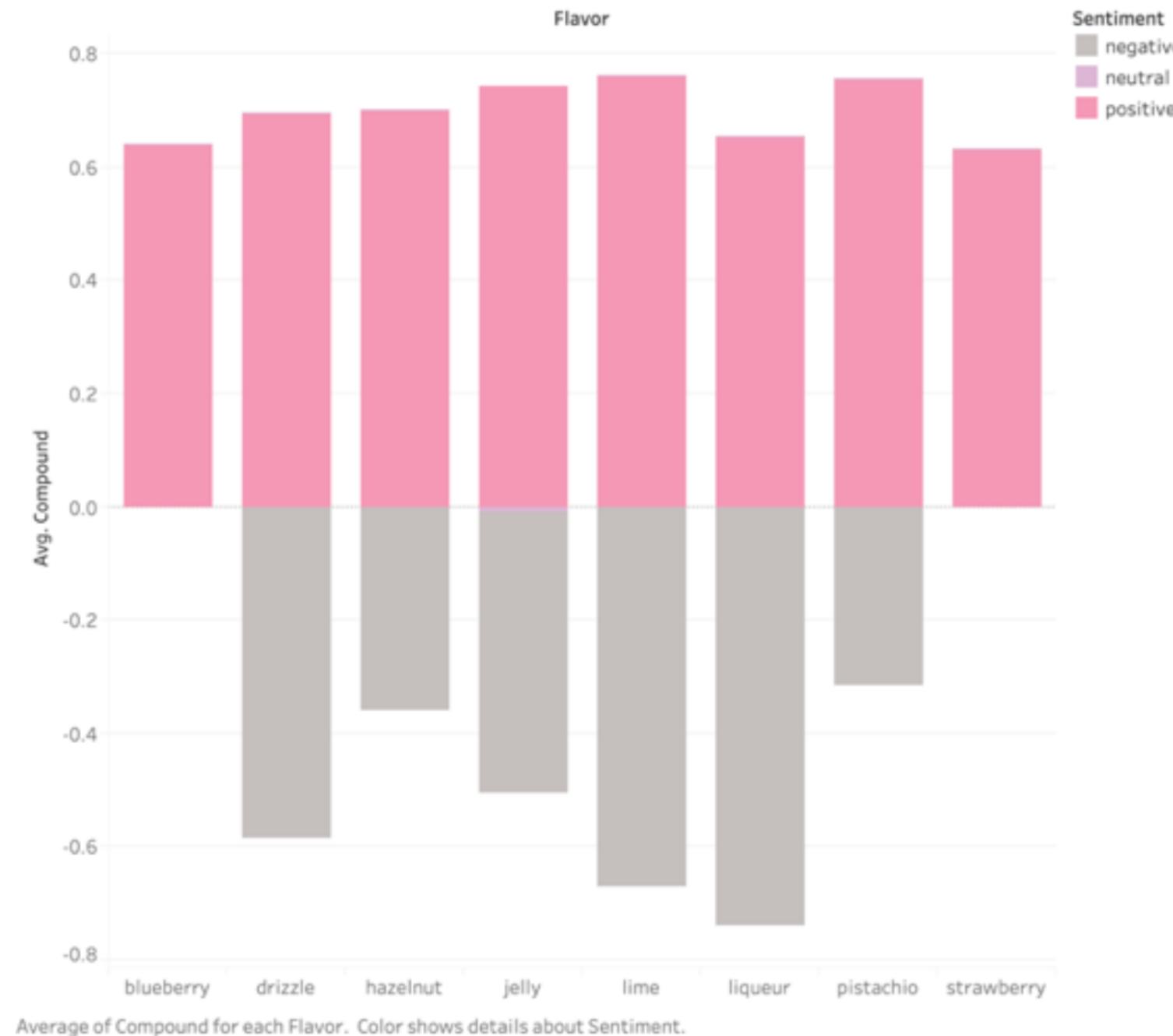


# Topics by Episode



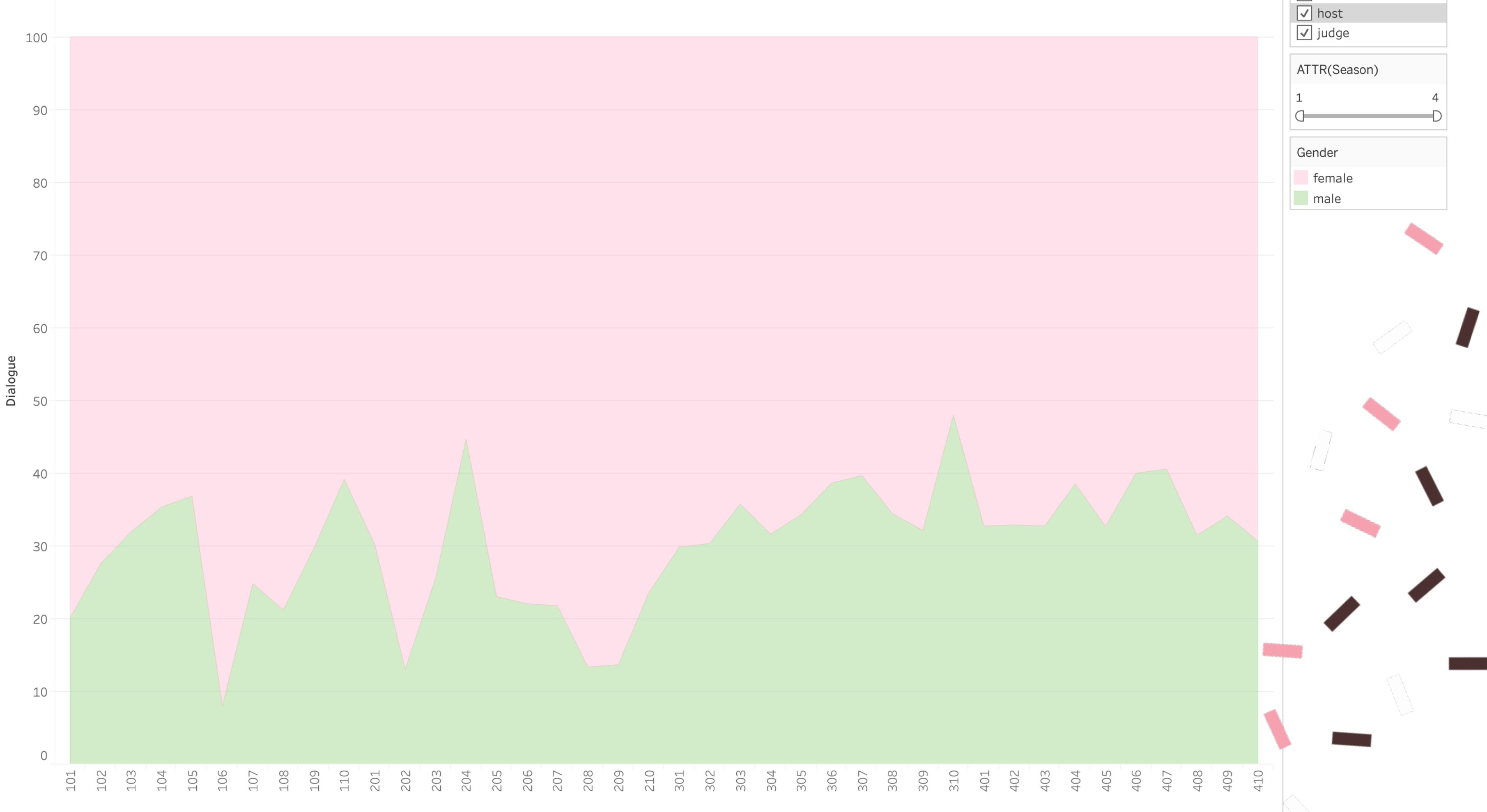
# SENTIMENT VS FLAVOR

Most Commonly Associated Flavors with Cake and the Sentiment



# Amount of Dialogue by Gender

Episode Number



Role

- (All)
- contestant
- host
- judge

ATTR(Season)

- 1 D 4 D

Gender

- female
- male