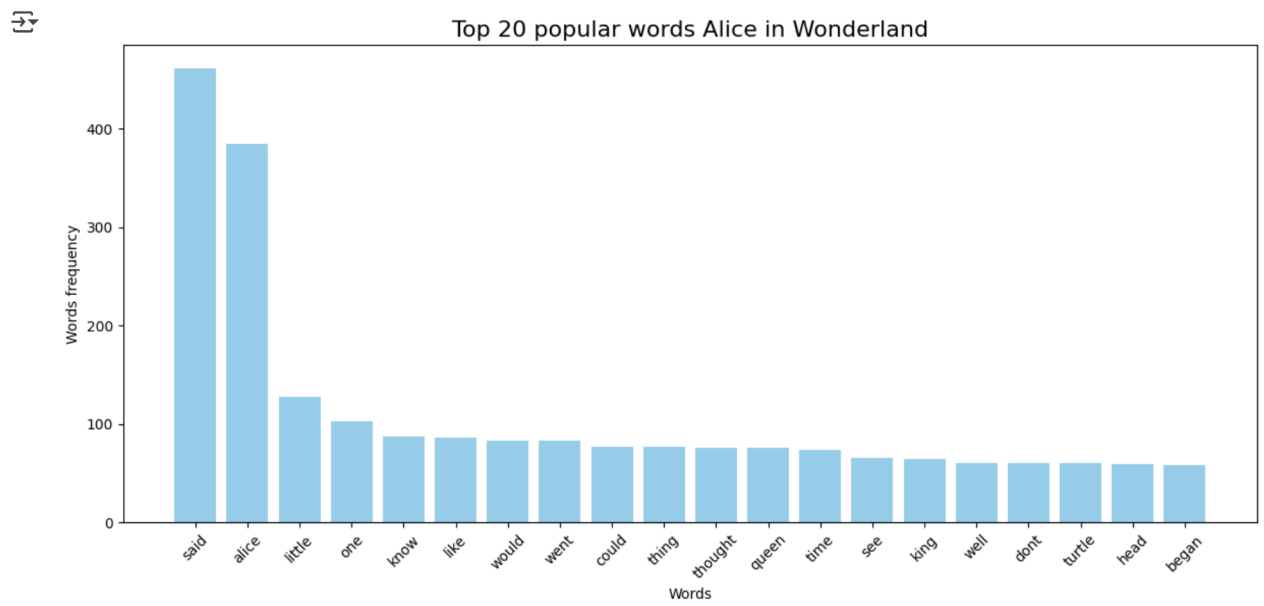


Semantic Analysis of Alice in Wonderland (GloVe + PCA)

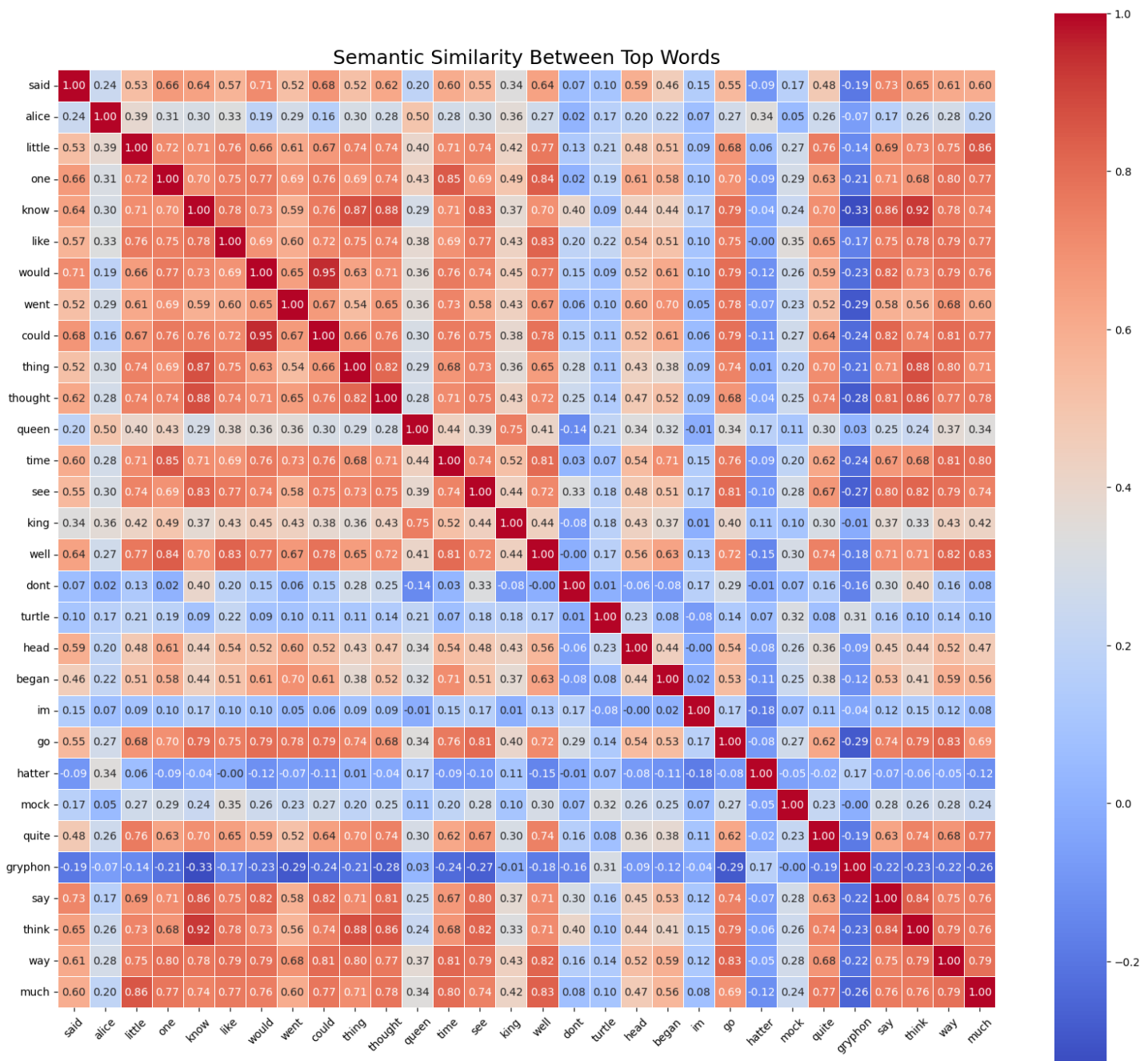
1. Top 20 Most Frequent Words

The bar chart below shows the 20 most frequently occurring words after text cleaning and stopwords removal.



2. Heatmap of Word Similarities

This heatmap shows pairwise cosine similarity between top words using GloVe embeddings. Red = highly similar, Blue = less or opposite meanings.



3. PCA Semantic Projection

Words are projected into 2D space using PCA (from GloVe vectors). Words closer together share similar semantic meanings.

Semantic Relationship of Words (GloVe + PCA)

