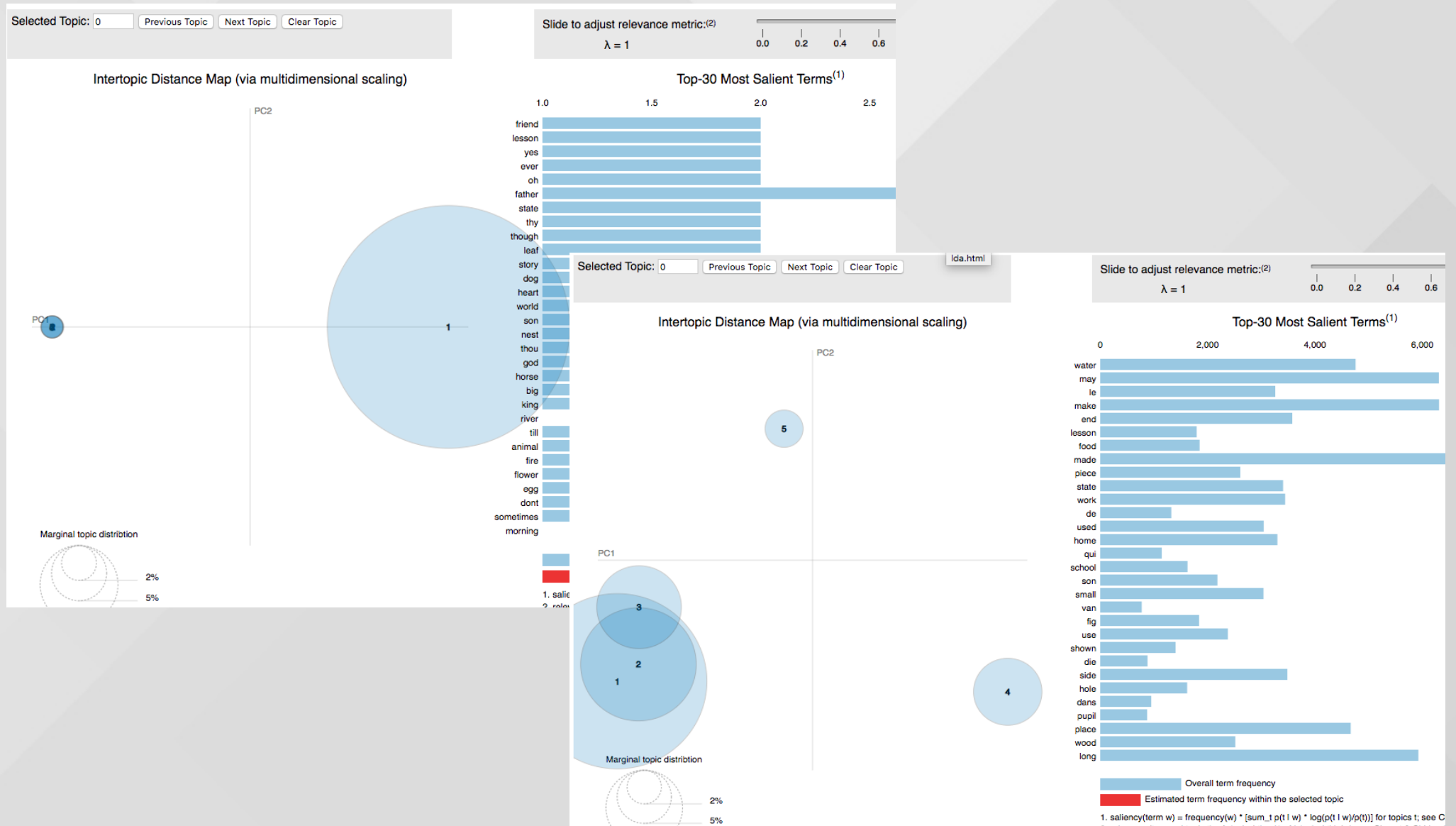


Gutenberg Texts

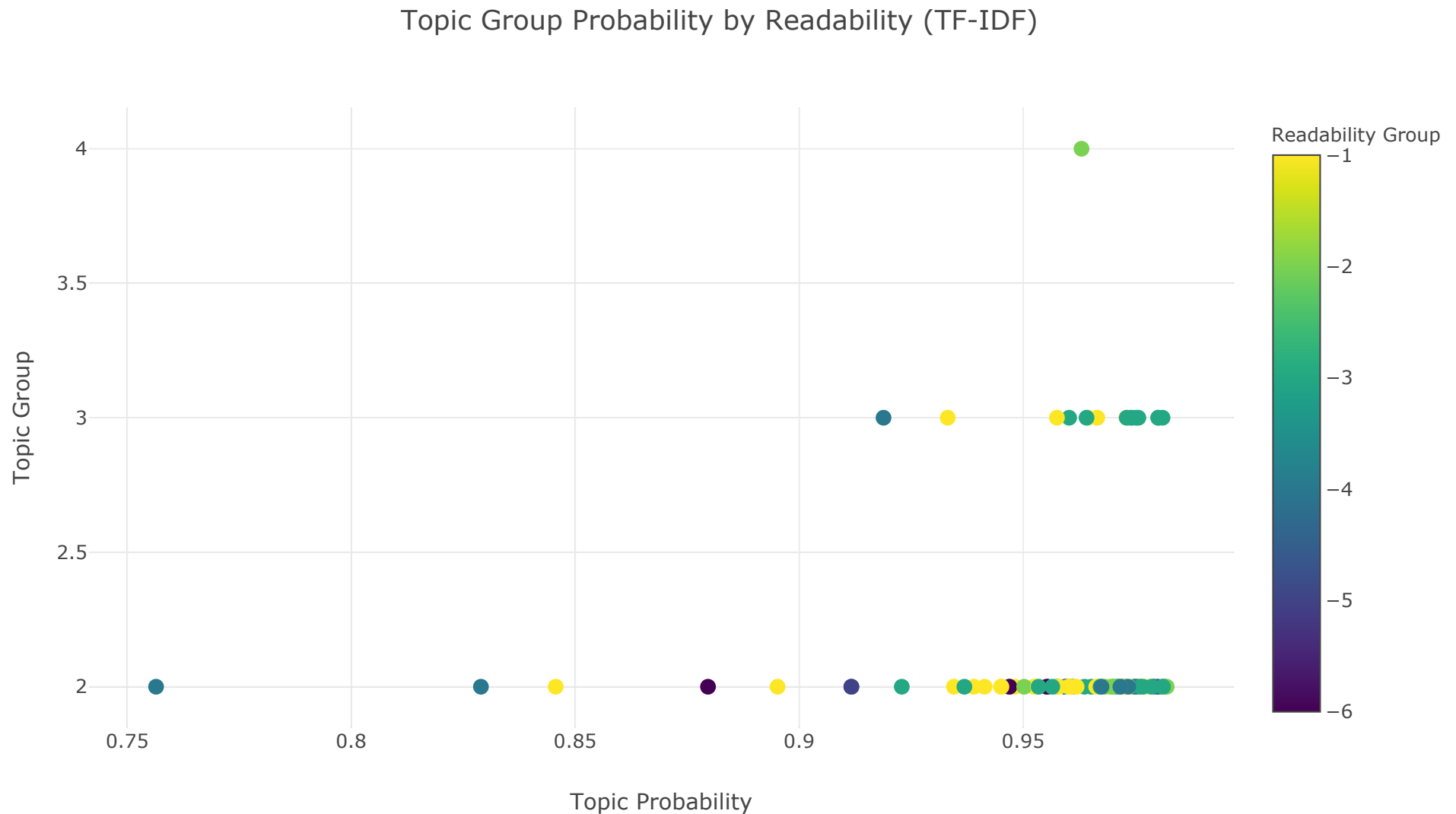
NLP Final Project
By: Noelle Brown

Hypothesis: "Texts of similar reading levels or grades have similar topics."

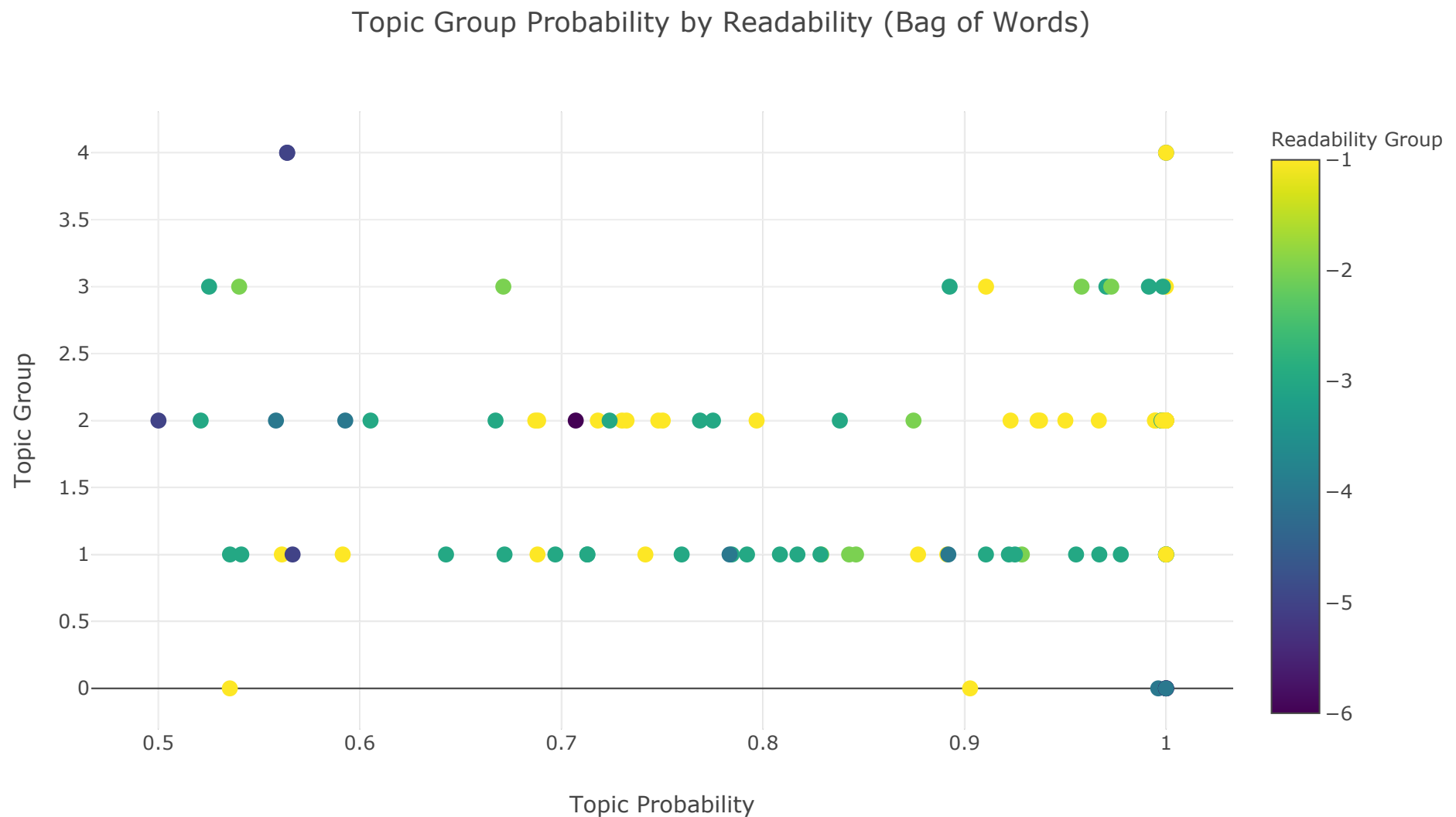
pyLDAvis for TF-IDF vs. Bag of Words



Readability Score & Topic Groups (TF-IDF)

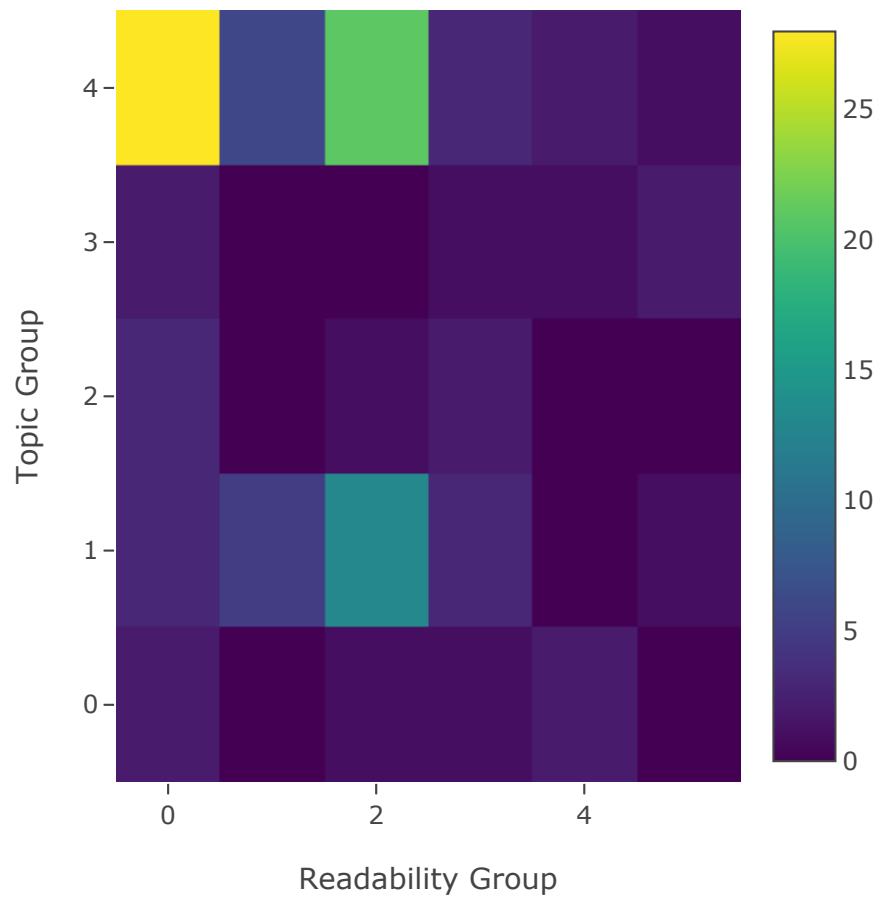


Readability Score & Topic Groups (BoW)

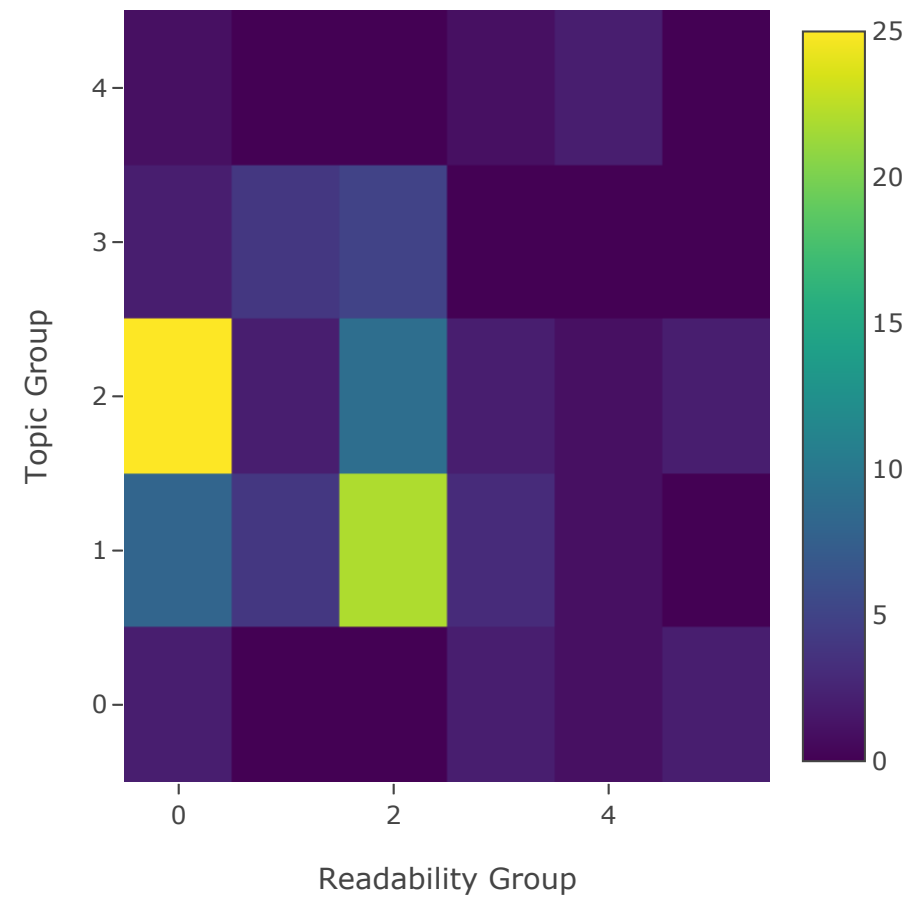


Number of Texts in Each Topic by Readability

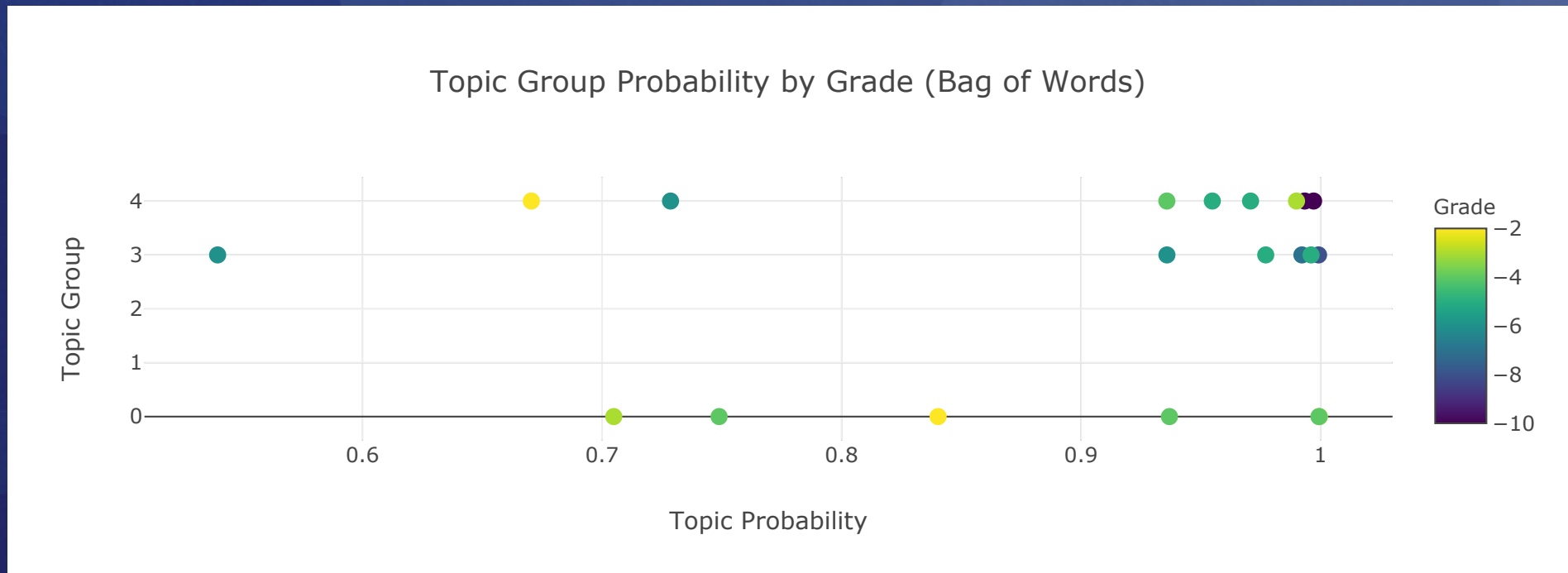
Number of Texts in Each Topic Group By Readability Group (Topic)



Number of Texts in Each Topic Group By Readability Group (Bag of Words)



Conclusion



Overall, there does not seem to be a strong relationship between topics and readability level/grade.