

Extra Credit, STAT 450

Due: Friday, November 22

This extra credit assignment is worth 5 points that will count towards your Exam 2 score. The assignment should be completed using Quarto and submitted to Canvas as a self-contained HTML or PDF file.

Exercise 1

Given the corpus of common words in `stringr::words`, create regular expressions and use the `str_subset()` function to find all words that:

- (a) Start with “y”.
- (b) End with “w”.
- (c) Are exactly three letters long.
- (d) Only contain consonants.
- (e) Start and end with a vowel.

Exercise 2

Create a table and visualization of the most frequent words in a different Harry Potter book (or another book of your choice). Make sure to remove any stop words.