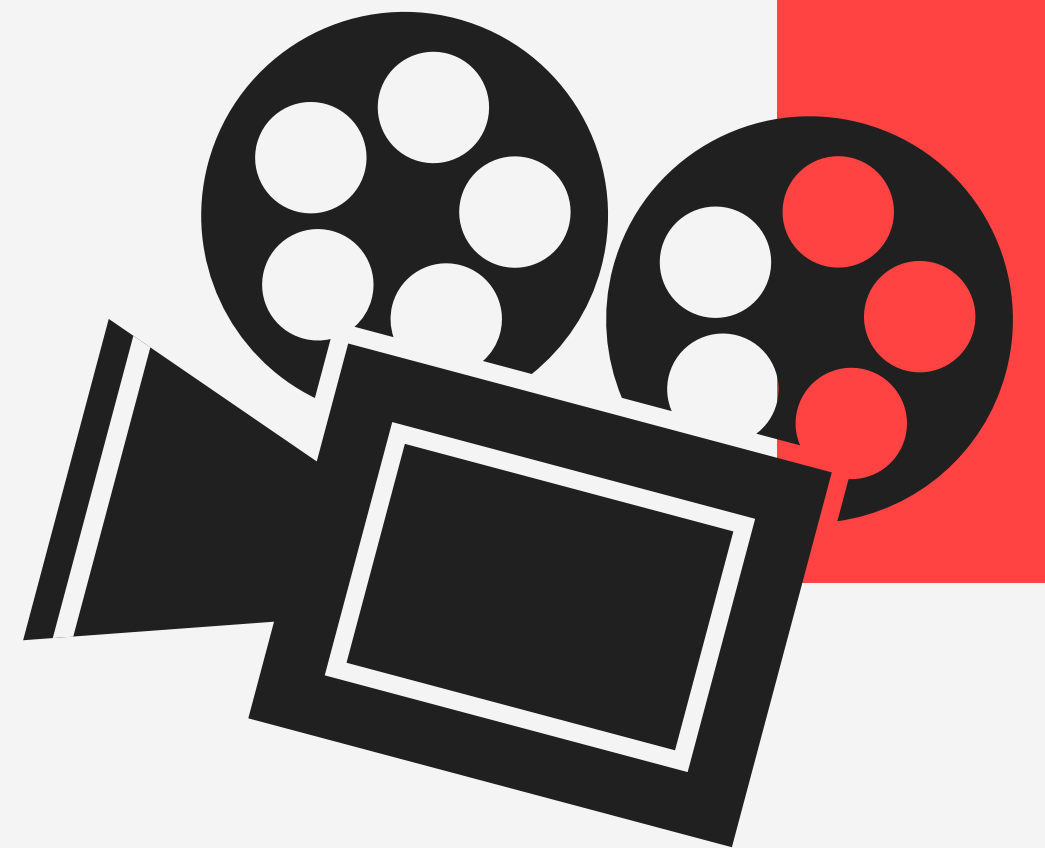


USING SUBREDDITS FOR HORROR FILM RECOMMENDATIONS

Maria Flores



Based on highly visited horror subreddits, a film studio wants to know:

- On average, what horror stories are more popular?
- What subreddit did they come from?

What subreddits?

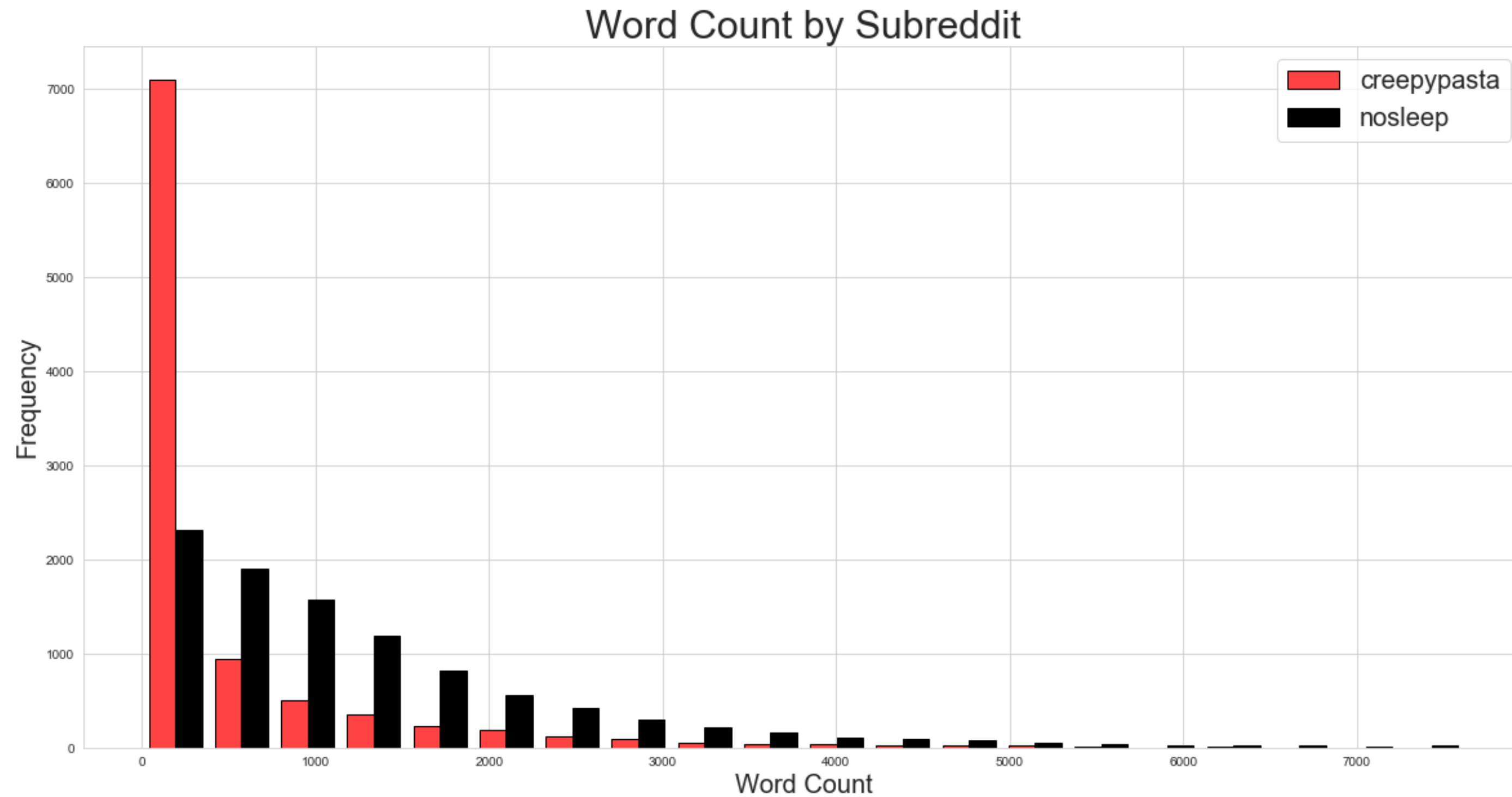
NOSLEEP

- User-generated horror stories with a believable plot written in the first-person
- Usually long stories
- Contains no images
- 13.7m members

CREEPPASTA

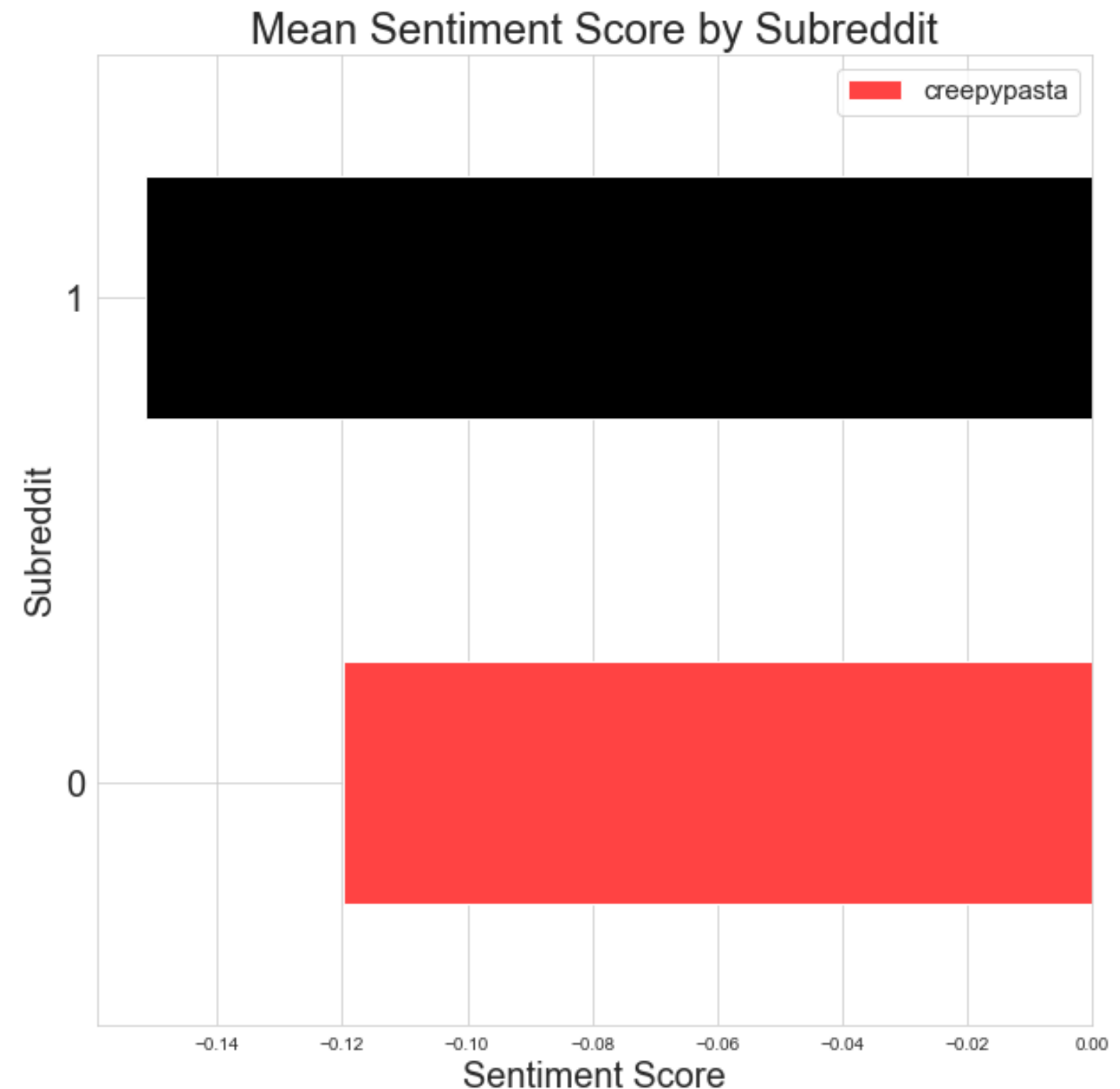
- Short user-generated horror stories
- Usually contains an image or video
- Stories aimed to be virally shared across the internet
- 325k members

Which subreddit has a higher word count on average?



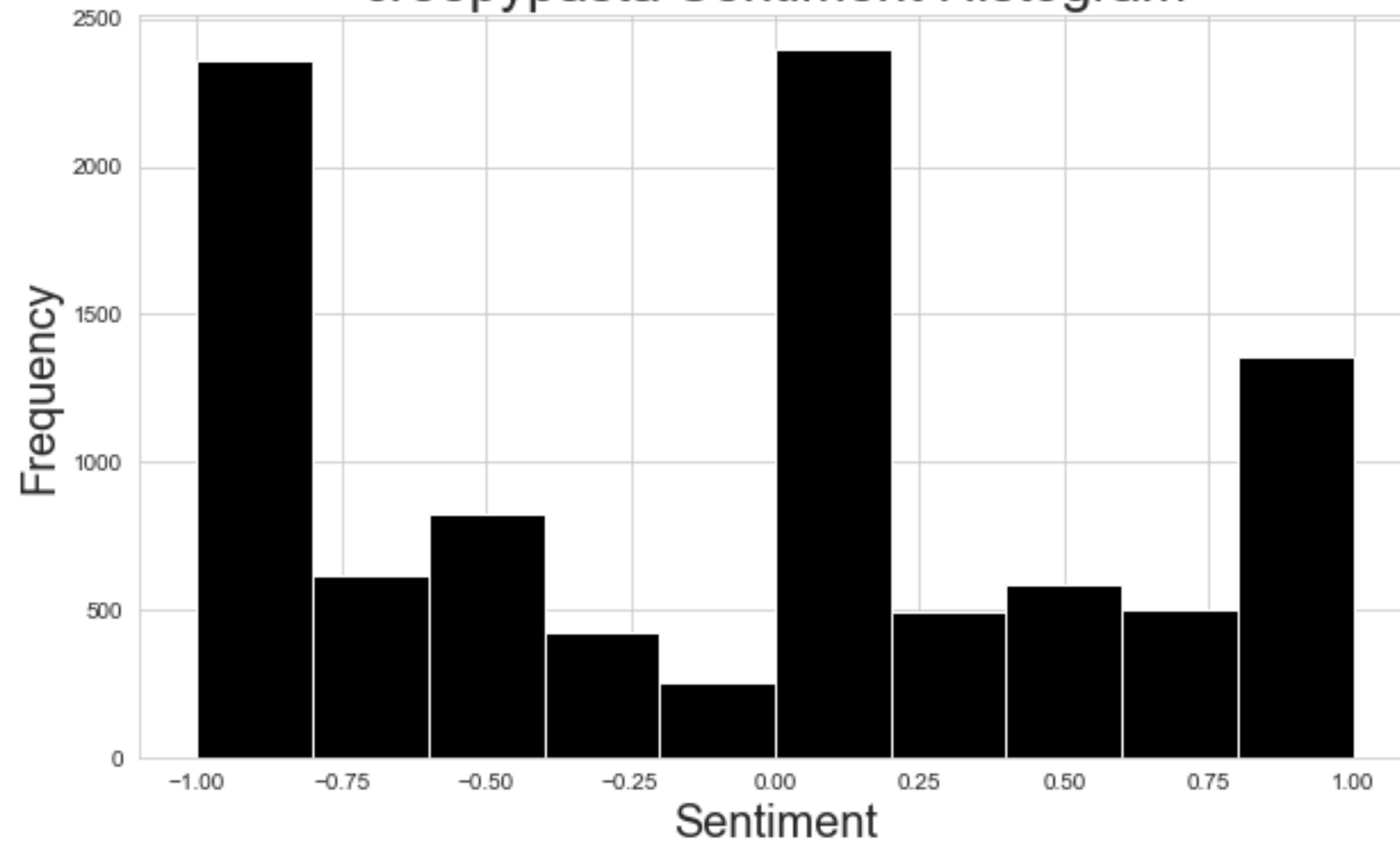
Sentiment Analysis

- On average, **nosleep's** sentiment score, is slightly more negative than creepypasta's

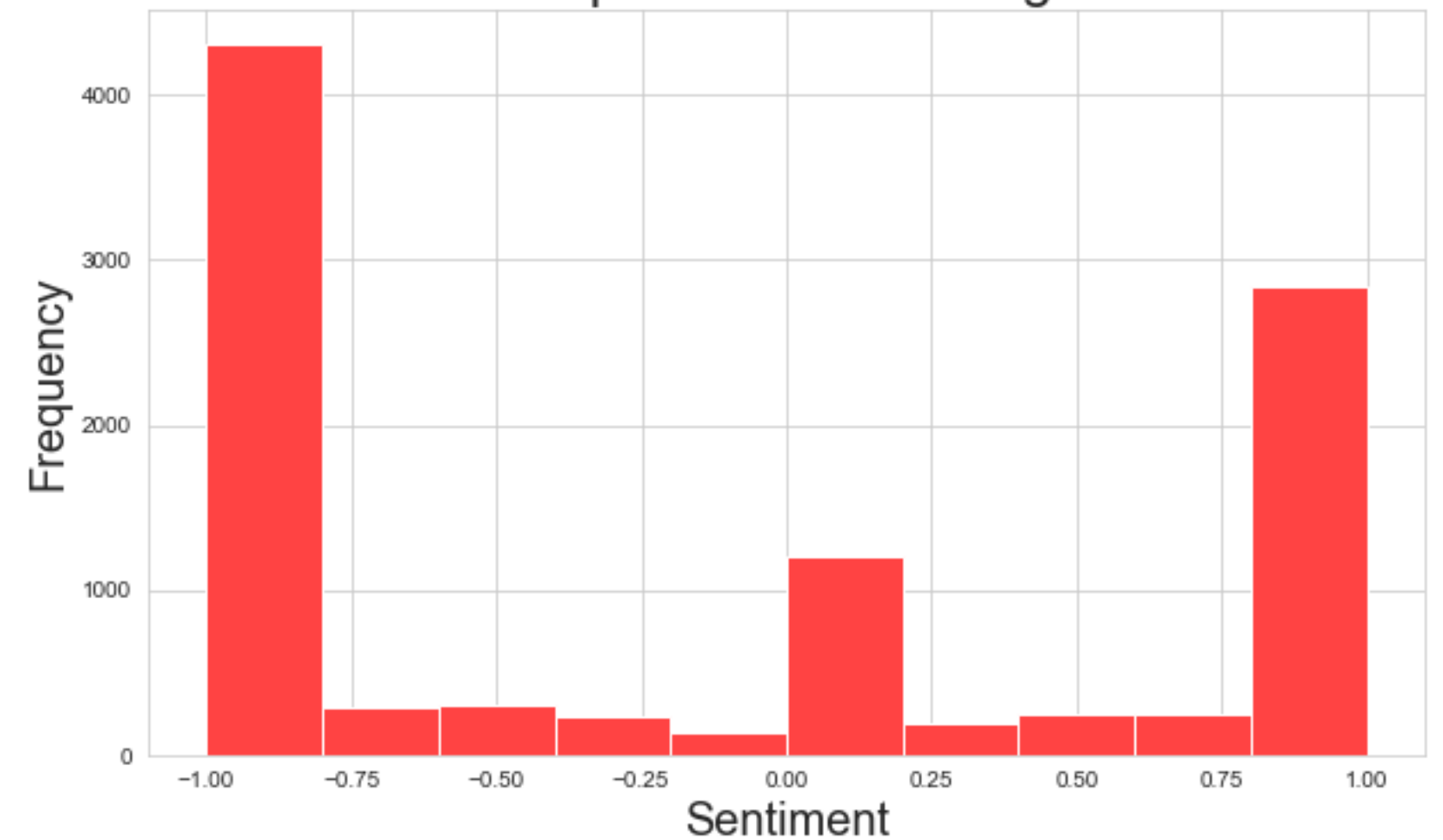


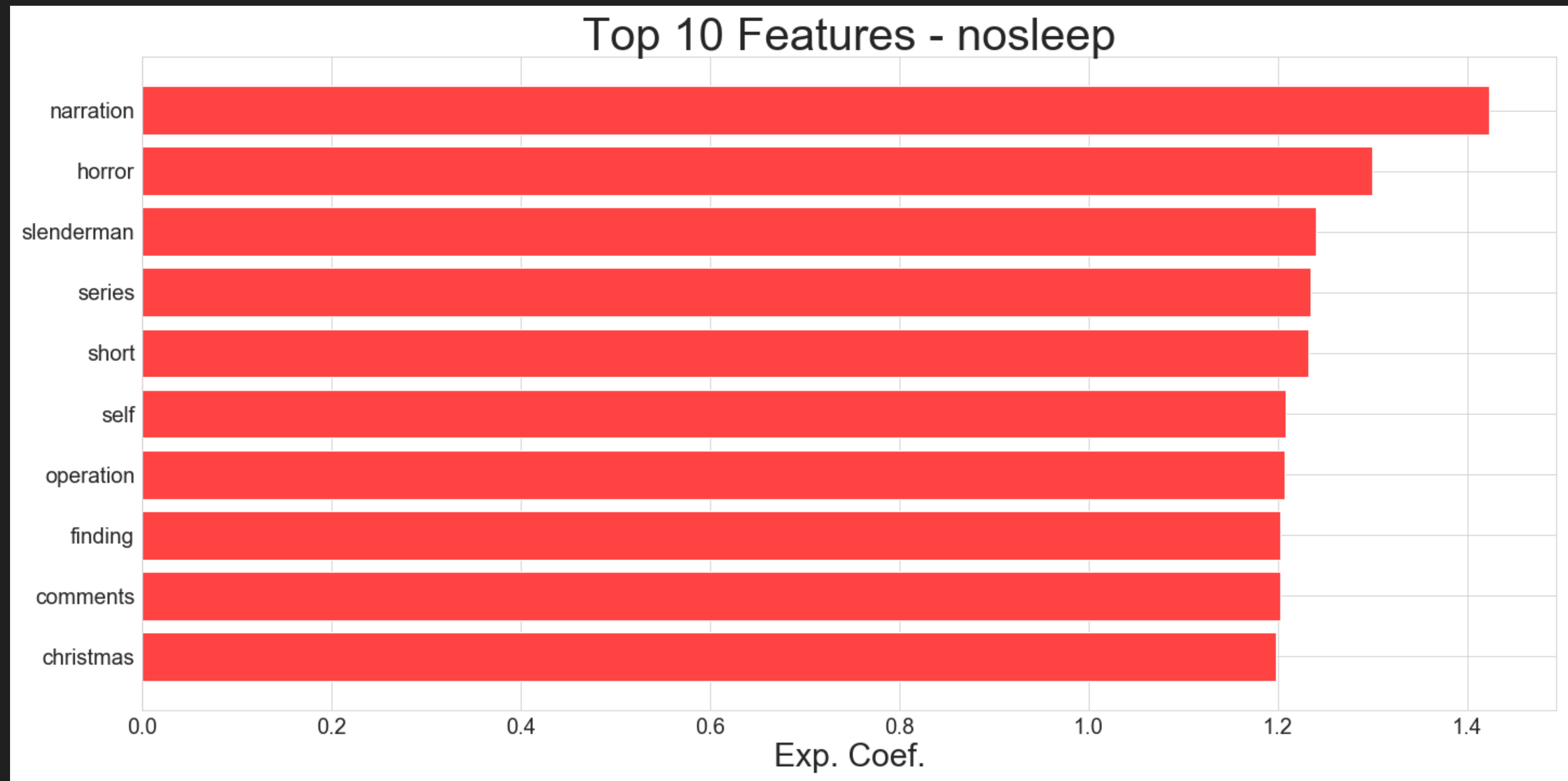
Sentiment Score Distribution For Each Subreddit

creepypasta Sentiment Histogram



nosleep Sentiment Histogram





As there is a one word increase in our word '**slenderman**', the reddit post is 1.25 times as likely to be from the **NOSLEEP** subreddit.

Best Performing Model

Count Vectorizer with Extra Tree Classifier

- The model is able to predict the correct subreddit 78% of the time.

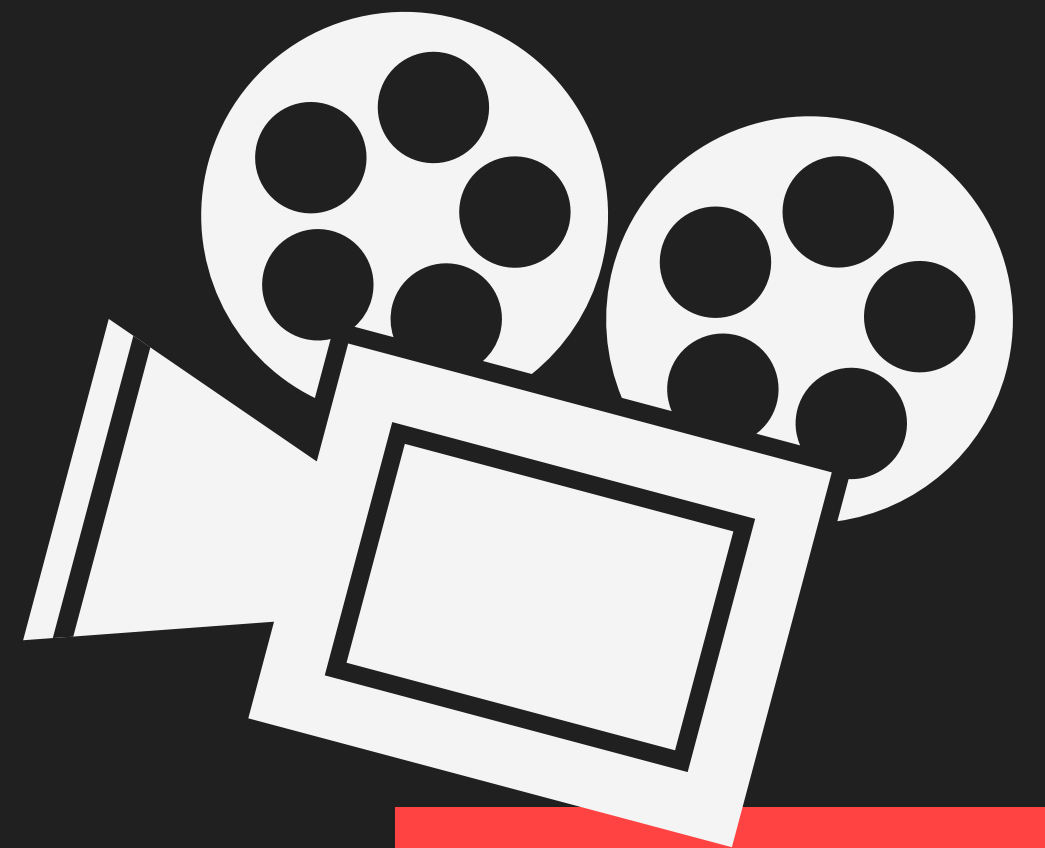
78%

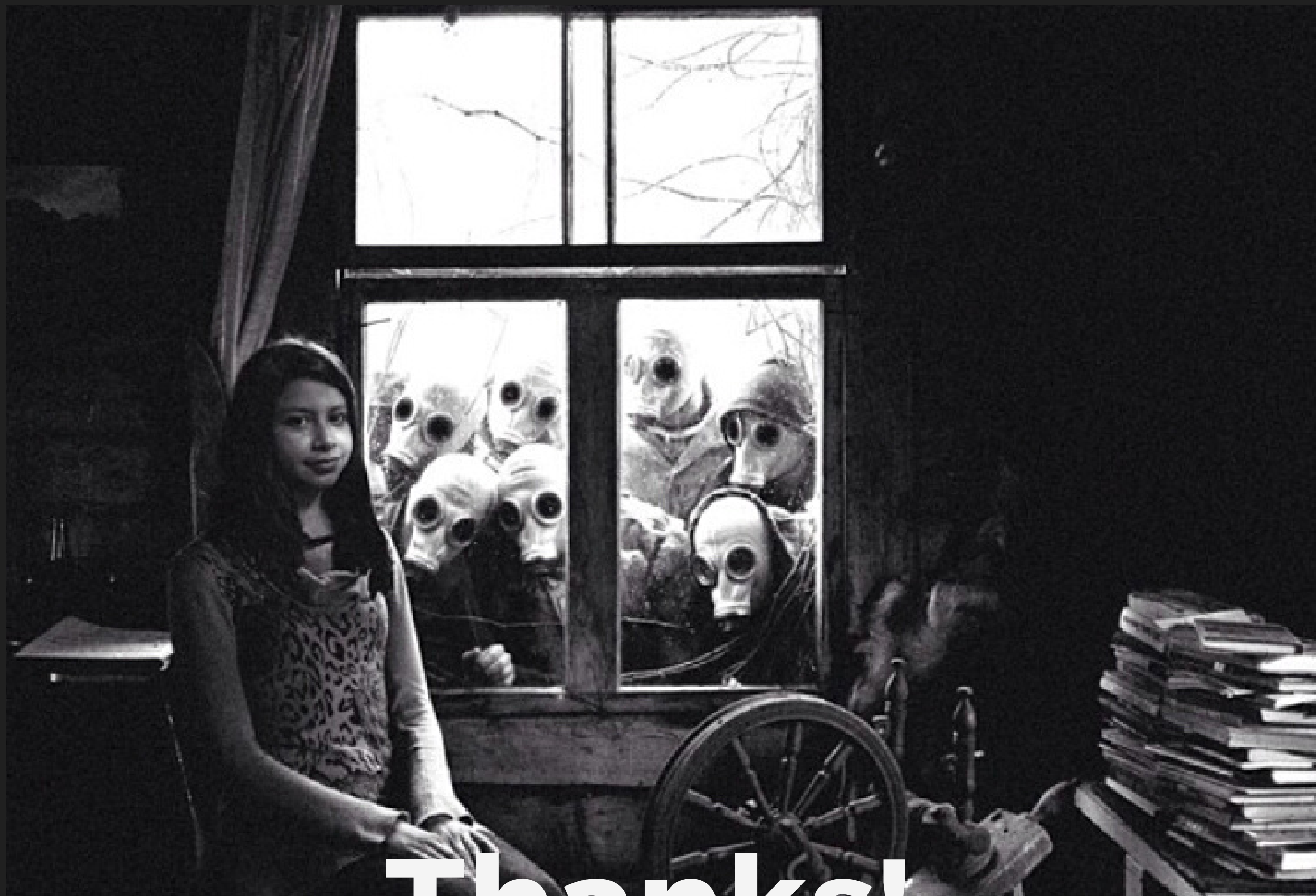
Recommendations

Based on the most important features from the subreddit NOSLEEP, I would recommend making a horror film about Slender Man.

Overlapping Top Words:

- 'door', 'eyes', 'room', 'man', 'night', 'day', 'house', 'face', 'head', 'felt', 'people', 'heard', 'thing', 'look', 'little', 'told', 'left'





Thanks!