

Classifying Reasonability in Retellings of Personal Events Shared on Social Media

A Preliminary Case Study with /r/AmITheAsshole

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- People frequently share retellings of their personal events on social media, seeking feedback about the reasonability of their actions.
- We explore how machine learning approaches can be used to predict reasonability with Reddit data scraped from /r/AmITheAsshole.
- We construct a dataset from 211,742 scraped posts. After a filtering process that balanced reasonable and unreasonable posts, 13,748 remained.
- From our 7 binary classification models, random forest classifiers performed best with an F1 score of 0.76.
- Our results suggest that social features, such as post upvote ratio, were often more important than linguistic features, such as profanity count.

