Are All Posts Equal?

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Introduction

Introduction- Mine Your Own Business

- Understanding market structure
- Empirical Applications
- All comments are treated equally
- Is the data representative?

Motivation

THE HUFFINGTON POST



28 Percent Of Americans Admit To Being Internet Trolls

① 10/20/2014 12:59 pm ET | Updated Oct 20, 2014



SCIENCE CONFIRMS: INTERNET TROLLS REALLY ARE NARCISSISTIC, PSYCHOPATHIC, AND SADISTIC





offering five options: "debating issues that are important to you," "chatting with others," "making new friends," "trolling others," and "other." Here's how different responses about these Internet commenting preferences matched up with responses to questions designed to identify Dark Tetrad traits:

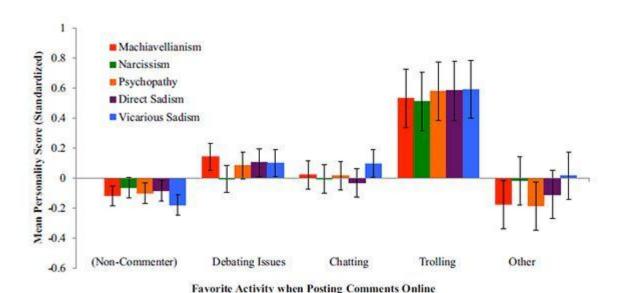


Fig. 1. Dark Tetrad scores as a function of favorite online activity in Study 1. Error bars represent standard errors.

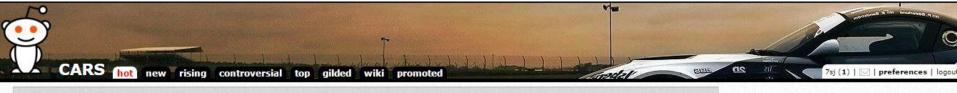
Motivation

- All comments should NOT be given equal weightage
- Reward best reviews
- Account for negative bias
- More accurate relationships between products and terms
- Increase in lift precision

Data

Data-r/Cars





Q

search

Submit a new link

Submit a new text post

subscribe 193,345 Motor Heads

0 1,074 Motor Heads

here for some advice.

7si (edit)



Approach

Approach

- Rank the comments
 - User characteristics
 - Link Karma
 - Comment Karma
 - Reddit Gold
 - Comment posting time
 - Comment rating
- Rank boosting [Drakihsu, Khabiri, Caverlee '09]
- Only look at top 70% of the comments

Impact of Comment Posting Time

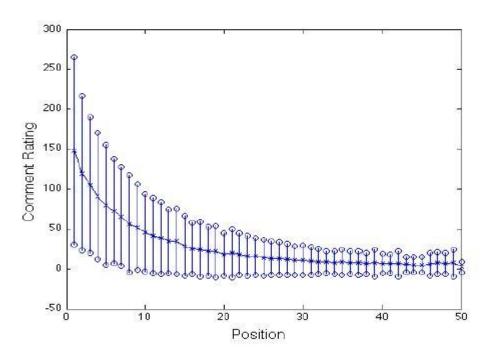
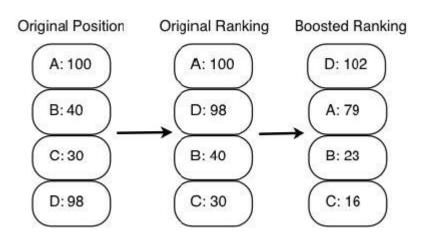


Fig. 4. Comment posting time (by position) versus comment community rating. We report the mean comment rating +/- one standard deviation.

Rank Boosting



Evaluation

Evaluation

- Recommendation System
 - Based on both approaches
 - Model-Term data analysis
- Ask users for feedback on relevance of results
- Check if our approach returns more relevant results
 - Precision@10

Thank You