

Contributions

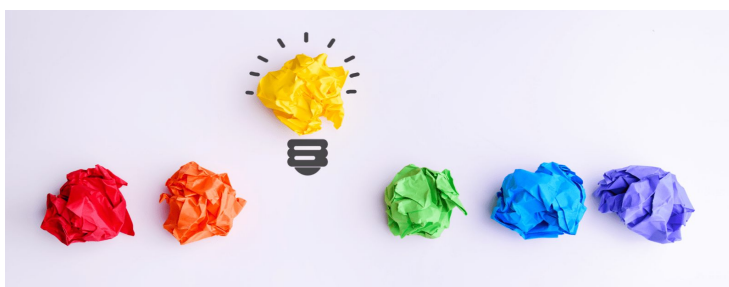
1. **Novel task** automatic detection of inspiring content.
2. **Novel dataset** Reddit inspiring and non-inspiring post ids.
3. **Classifiers** if an English-language post is inspiring or not.
4. **Data Analysis**: which topics are inspiring, and how they influence the readers.

What is inspiration?

1. **Evocation** - is evoked and unwilld
2. **Transcendence** - awareness
3. **Approach motivation** - transmit or actualize

Why is it important?

1. A key role on the **creative** process
2. **Uplifting**, from apathy to possibility
3. Offers new **perspectives**

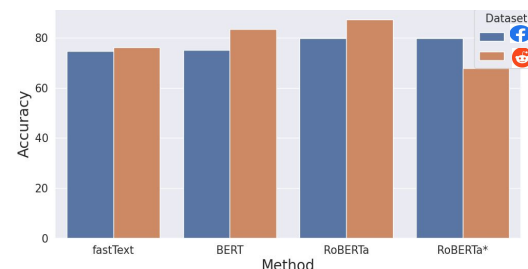


Detecting Inspiring Content on Social Media

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Classification

	f		r	
	inspiring	non-inspiring	inspiring	non-inspiring
Train	642,517	642,517	5,216	5,216
Test	71,390	71,390	580	580



Results from baselines and main method on r and f test data.
* model was fine-tuned on f data.

Dataset and Analysis

Data collection and annotation

pushshift.io

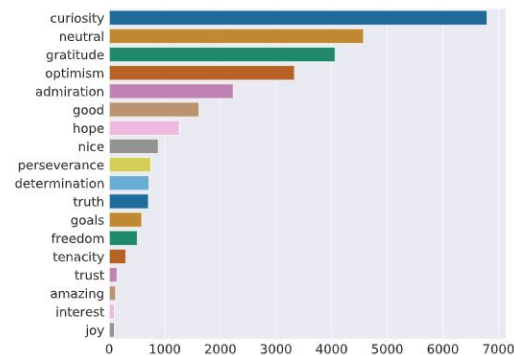
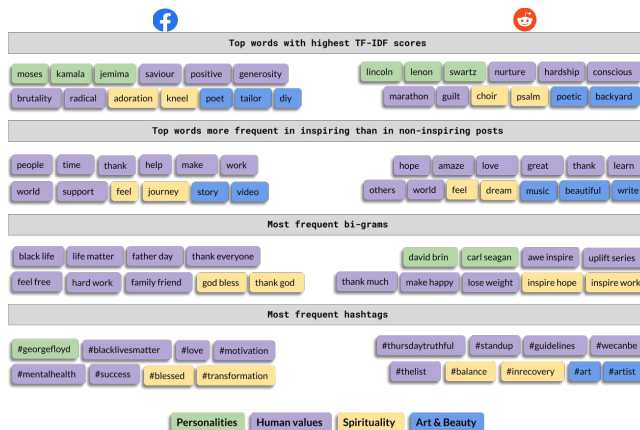
- (1) at least one comment with "inspir" or "uplift"
- (2) authors mark as "feeling inspired" or "feeling up"
- (3) shared at least 10 times
- (4) subreddits that contain "inspir" or "uplift"
- (5) comments to questions from "AskReddit": "Who or what inspired you?"

As control, we collect random posts:

- (1) no comment with "inspir" or "uplift"
- (2) random subreddits that do not contain "inspir" or "uplift"

	MOTIVATION TO ACT	FEEL GOOD	NO EFFECT	OTHER
≥ 1	3,333	4,382	3,470	564
≥ 2	1,052	1,711	1,476	13
≥ 3	149	317	20	0

Number of inspiring posts labeled with their effect on the readers by at least one, two and three annotators (total of 5,796 inspiring posts)



Most frequent emotions labeled by annotators in inspiring posts: curiosity, neutral, gratitude, optimism and admiration are solicited in the annotation task, while the others are not.