Fake news: an algorithmic approach

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Abstract

My abstract

1 Personal details

My email `mailto:martijn.schouten@student.uva.nl`

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The wiki on my GitHub account `https://github.com/MeMartijn/BachelorThesis/wiki`

2 Research question

The following research question is defined: *how well can state-of-the-art natural language processing techniques in combination with machine learning algorithms classify fake news?*

For this research question, the following subquestions will be answered:

- Q1: How can fake news be defined and characterized?

- Q2: What new ways of word- or sentence embeddings can be used for encoding plain text?

- Q3: What is the performance of combinations of these novel embedding techniques with machine learning algorithms?

- Q4: To what extent can performance of fake news classifiers be improved with increased amounts of raw data?