

Introduction

Sentimental or Emotional signals in existing works

- For spreading in the crowd virally, fake news often evokes high-arousal or activating emotions of the crowds.
- Therefore, in addition to emotions of news contents, it's necessary to explore whether
 - emotions of news comments and
 - the relationship between the two emotions
- are helpful for fake news detection.

Introduction

Define the two emotions

- Publisher emotion
 - The emotions conveyed by **publishers** of the news pieces.
- Social emotion
 - The emotions aroused in the **crowd** facing to the news pieces.
- And adopt **dual emotion** as general term of these two emotions.