

# Experiments

## Baselines

- Select 2 **baseline emotion features** to evaluate the effectiveness of Dual Emotion Features.
- **Emoratio** (ICASSP'19): It's calculated by the **ratio** of count of negative emotional words and count of positive emotional words.
- **EmoCred** (SIGIR'19): Utilize **emotional lexicon** and **intensity features** of content texts, calculated based on the lexicons' **occurrence frequency**.

# Experiments

## Fake News Detectors

- For **testing the ability of the emotional features** to help the text-based fake news detectors (especially those do not explicitly model the emotional signals).
- **BiGRU**: As word embedding using GloVe (en) Chinese Word Vectors (ch).
- **BERT** (ECAI'20): Adopted to **represent semantic signals** when detecting fake news. Fine-tune the pretrained models for task.
- **NileTMRG** (SemEval@ACL'17): For RumourEval-19, **linear SVM** and uses text features, social features, and use comments stance features.
- **HSA-BLSTM** (CIKM'18): For Weibo datasets, proposed a **hierarchical attention neural network** and utilize not only the contents of news pieces but also comments.