

Conclusion

- Presented the **advantage of graphical representation of social context** in fake news detection
- Proposed FANG that enhances representation quality by capturing the rich social interactions between users, articles and media.
- Demonstrate the benefits of **stance detection** & **proximity modeling** objective
- Experiments show the efficiency of FANG with **limited training data** and its capability distinctive temporal pattern with a highly explainable **attention mechanism**.

Comments

of Factual News Graph (FANG)

- Fully use the social network features (profile, website descriptions, reply stance...)
 - Not all dataset can handle
- Effective on temporal engagements with attention mechanism
 - Need temporal data or user need retweet or reply with opinion
- Can training on limited data
- Not easily can defend from forge description from account
- Evaluation metric only AUC-ROC