Related Work
of fake news detection

- Some works consider manually engineered linguistic and source-based features ('16–'17).

- Most recent works proposed deep neural networks with attention mechanisms ('18–'19).

  - News article contents alone are not sufficient and none of these approaches consider additional information such as social media discussions.

Related Work
Modeling social media

- Existing works in literature manually hand-craft features such as Facebook likes, numbers of shares, and user demographics to train classifiers ('15).

- Modeling rumor cascades in social networks as RNNs have been proposed recently ('16, '18).

- Hybrid models which consider the temporal sequence of textual content of social media comments have also been proposed ('17).

  - These models do not consider the news article text and social media comments holistically.