Proposed Model

Final Classifier

• Concatenate all vectors (claim, article, subreddit, comments) + Maxpooling Article Text: Obama True Concatenate Fully Connected Softmax Convolution classifier Layers False Conv + Pooling layers The Donald level stupid. Who Concatenate cares anymore? **Fully Connected** Layers Social Media Model

Concatenate

ExperimentsDatasets

Labeled by	Articles	Claims	Reddit comments	False claims
Snopes	36,271	3,096	352,708	73%
Politifact	11,019	9,453	289,424	80%
Emergent	250	48	20,073	36%
Total	47,540	12,597	662,205	63 %

- Reddit comments for fact checked fake/true news
 - https://www.kaggle.com/deepnews/fakenews-reddit-comments
- Rumor data
 - Claims labeled by <u>snopes.com</u>, <u>politifact.com</u>, <u>emergent.com</u>
- Reddit data
 - Use Reddit API to get user comments.
 - Omit the subtree of comments which appear after the debunking comments referencing fact-checking websites.