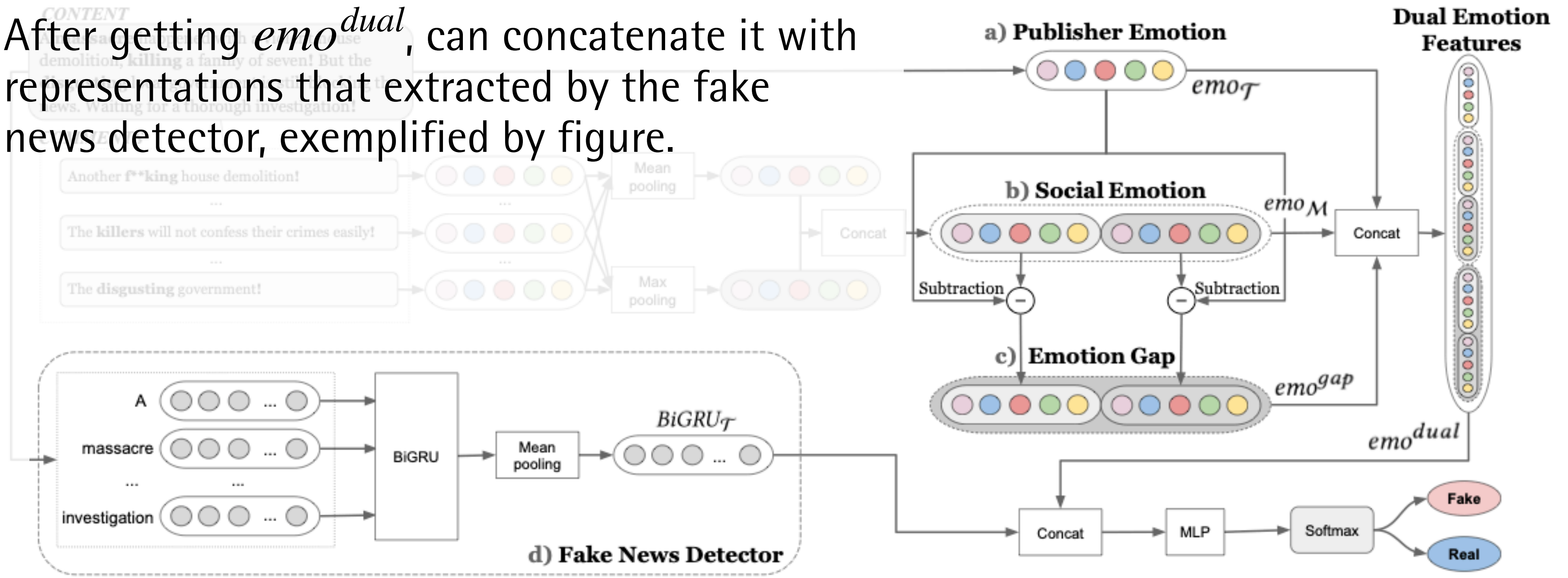


Methodology

Dual Emotion Features

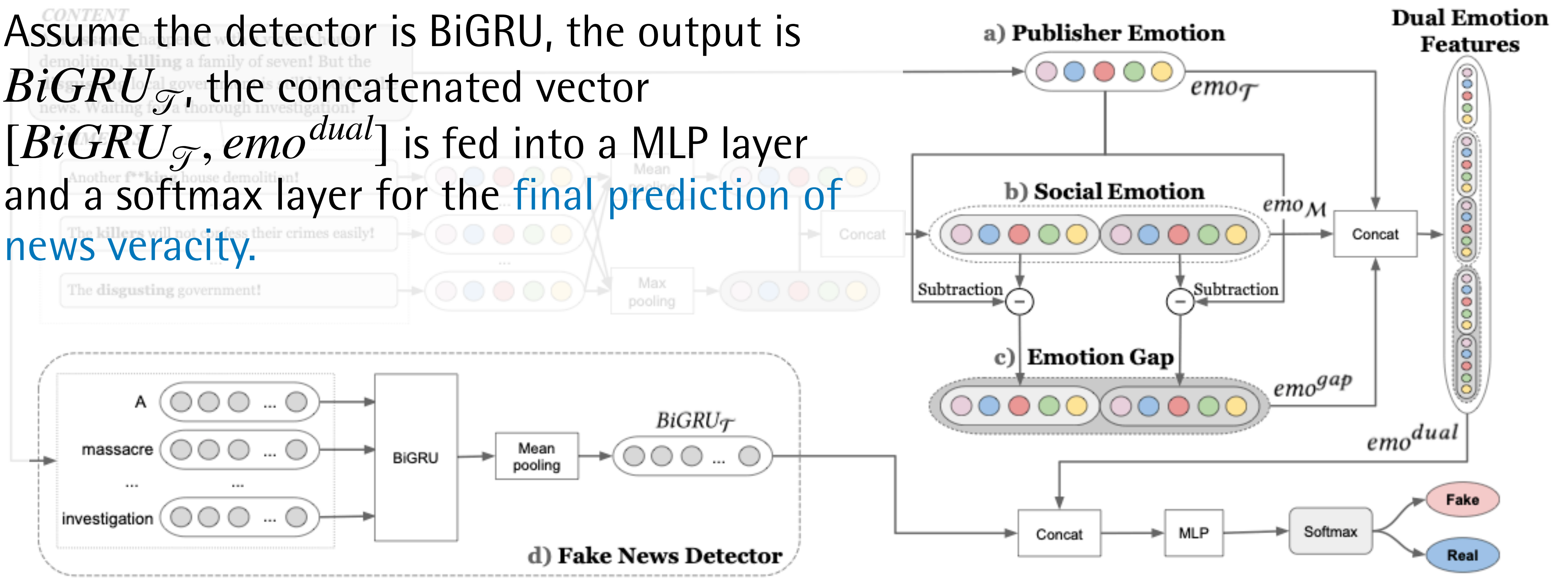
- After getting emo^{dual} , can concatenate it with representations that extracted by the fake news detector, exemplified by figure.



Methodology

Dual Emotion Features

- Assume the detector is BiGRU, the output is $BiGRU_{\mathcal{T}}$, the concatenated vector $[BiGRU_{\mathcal{T}}, emo^{dual}]$ is fed into a MLP layer and a softmax layer for the final prediction of news veracity.



$$\hat{y} = \text{Softmax}(\text{MLP}([BiGRU_{\mathcal{T}}, emo^{dual}]))$$