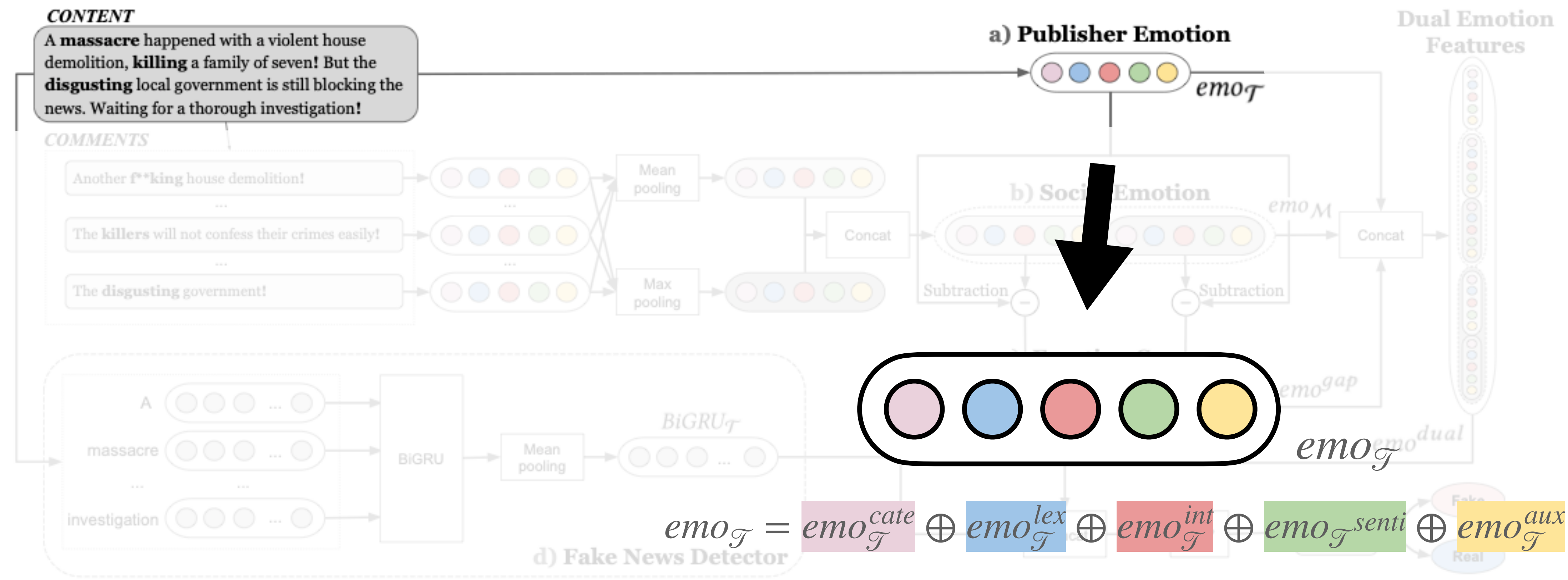


Methodology

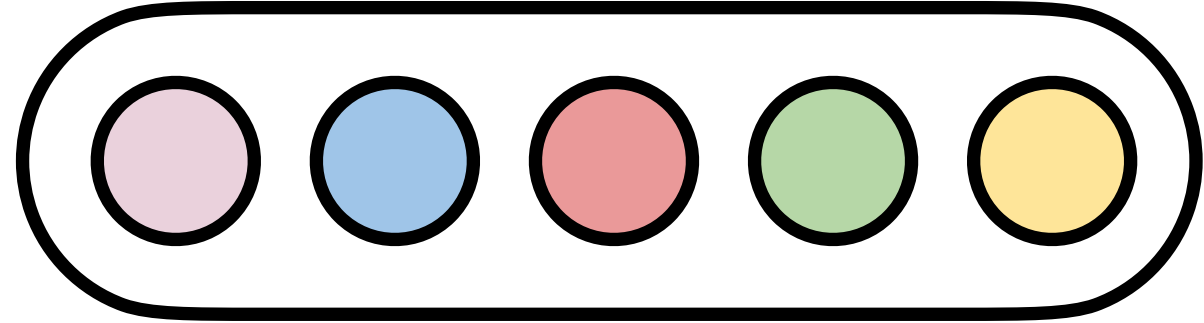
Publisher Emotion



Methodology

Publisher Emotion

- Given the input sequence of the textual content with length L , $\mathcal{T} = [t_1, t_2, \dots, t_L]$, where t_i is the i^{th} word in the text, the goal is to extract emotion features $emo_{\mathcal{T}}$ from \mathcal{T} .
- To comprehensively represent the Publisher Emotion, use **variety of features extracted** from news contents.
 - Emotion **category** ■
 - Emotion **lexicon** ■
 - Emotion **intensity** ■
 - **Sentiment** score ■
 - Other **auxiliary** features ■



The diagram shows a horizontal rounded rectangle containing five colored circles: light purple, light blue, light red, light green, and light yellow. To the right of this rectangle is the label $emo_{\mathcal{T}}$.

$$emo_{\mathcal{T}} = emo_{\mathcal{T}}^{cate} \oplus emo_{\mathcal{T}}^{lex} \oplus emo_{\mathcal{T}}^{int} \oplus emo_{\mathcal{T}}^{senti} \oplus emo_{\mathcal{T}}^{aux}$$