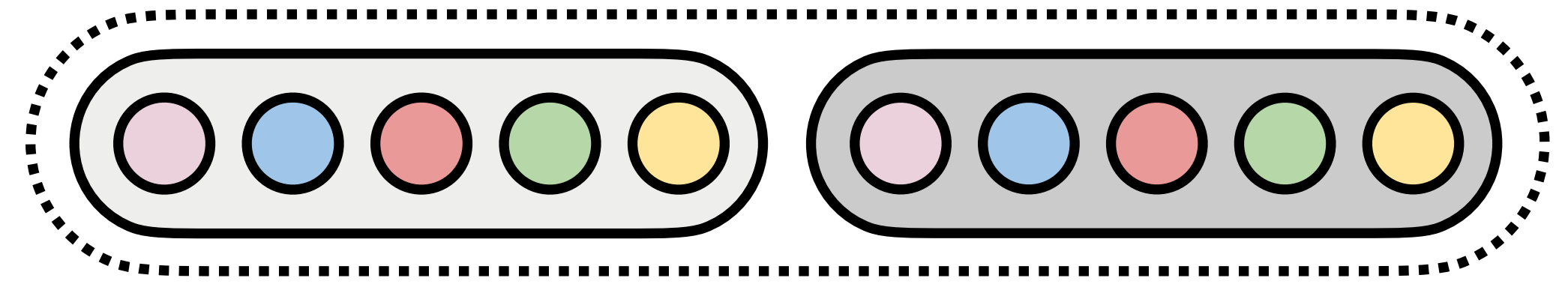# Methodology
Social Emotion

$$emo_{\mathcal{M}} = emo_{\mathcal{M}}^{mean} \oplus emo_{\mathcal{M}}^{max}$$

- After getting $\widehat{emo_{\mathcal{M}}}$, consider two aggregators to generate the social emotion of the whole comment list:

  - Mean pooling for representing the average emotional signals

    - $emo_{\mathcal{M}}^{mean} = mean(\widehat{emo_{\mathcal{M}}})$

  - Max pooling for capturing the extreme emotional signals

    - $emo_{\mathcal{M}}^{max} = max(\widehat{emo_{\mathcal{M}}})$

- Then concatenate them as Social Emotion: $emo_{\mathcal{M}} = emo_{\mathcal{M}}^{mean} \oplus emo_{\mathcal{M}}^{max}$

Methodology
Emotion Gap