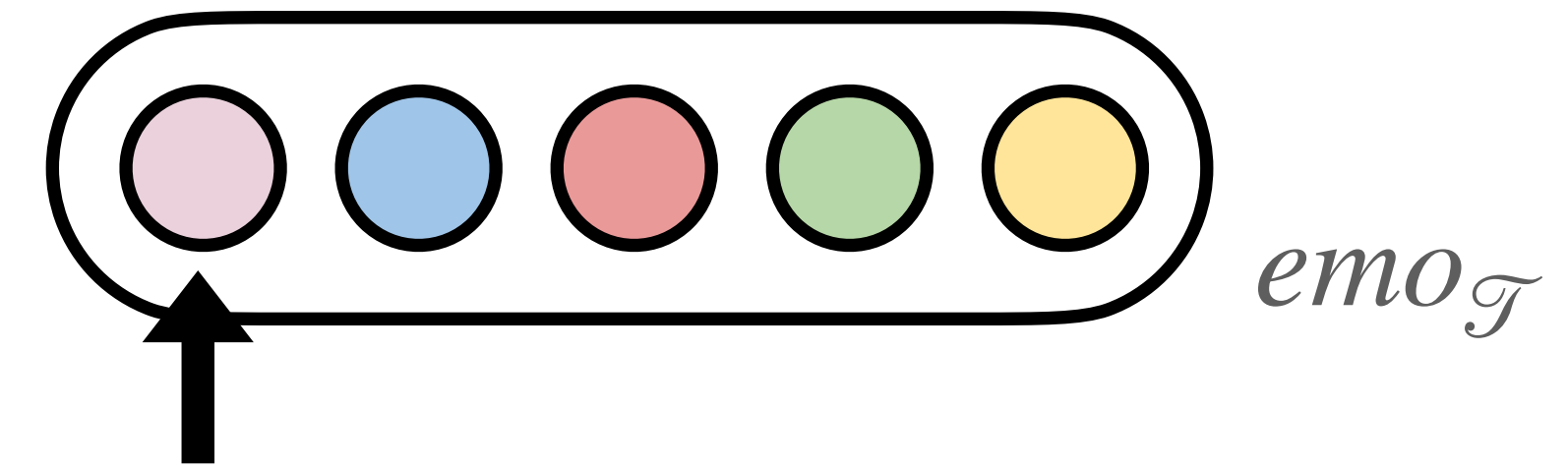


Methodology

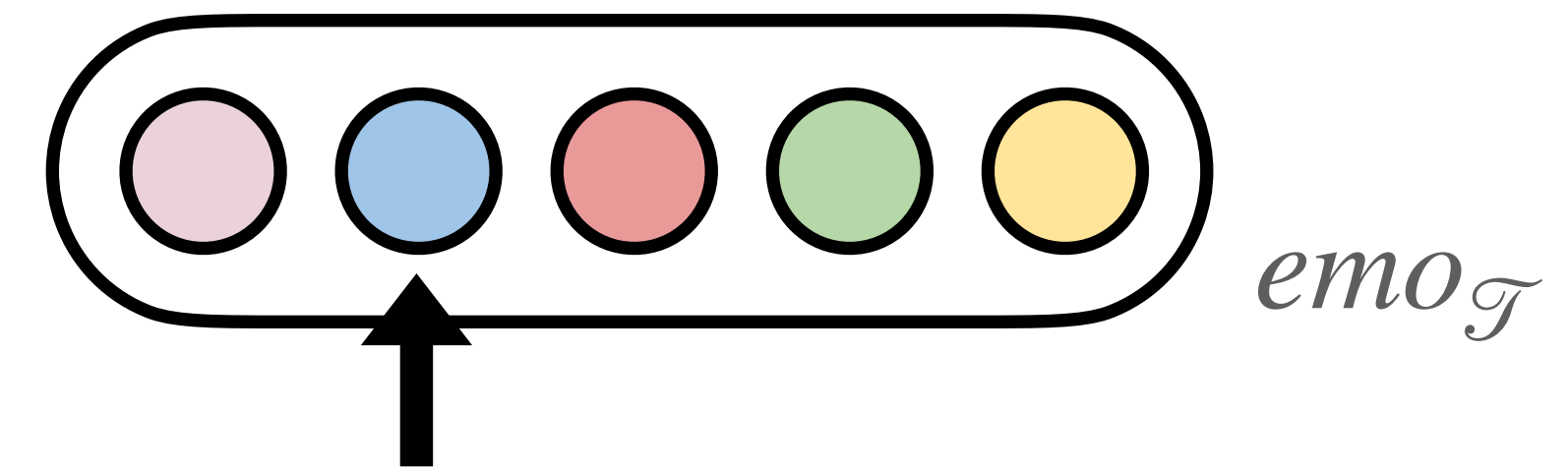
Emotion Category ■



- Use public emotion classifiers (will intro later) to get emotion **category features**.
- Usually, the output of an emotion classifier is the **probabilities** that the given text contains certain emotions.
- So obtain the emotion category features $emo_{\mathcal{T}}^{cate} = f(\mathcal{T})$.

Methodology

Emotion Lexicon ■



- Usually, a piece of text conveys specific emotions by using **several specific words** (which are generally included in emotional lexicons).
- The approach is dependent on the **existing emotion dictionaries** annotated by experts.
- Assume that there're d_e kinds of emotions: $E = \{e_1, e_2, \dots, e_{d_e}\}$
- The dictionary provides a list of emotional words $\mathcal{E}_e = \{w_{e,1}, w_{e,2}, \dots, w_{e,L_e}\}$