



## Attention-based CNNs for Aspect-level Sentiment Classification

Jin Xu, Quan Liu, Bin Liang

\* Corresponding author email: 20154227016@stu.suda.edu.cn

### Abstract:

Extracting different emotions of different aspects in user comments is a fundamental task of sentiment analysis. For example, “*I like apple, but hate banana.*”, for aspect *apple*, the polarity is positive while for *banana* is negative. So that aspect-level sentiment classification has become pervasive in recent years. In this paper, we present a new framework for aspect-level sentiment classification by attention-based convolutional neural networks. The attention mechanism can focus on different aspects in a sentence, and extract different polarities. The experimental results in SemEval 2014 dataset show that our model achieves state-of-the-art performance on aspect-level sentiment classification.