The Improved and Extended Manuscript vs. The Original Paper

The manuscript makes 10 significant improvement compared to the original paper as the following:

- Revising the summary framework with the usage of learning to rank instead of sequence labeling.
- Creating and releasing an open-domain dataset which contains news articles along their with tweets collected from USAToday-CNN. The dataset is annotated by the human with Cohen's Kappa is 0.617.
- Deeply observing and analyzing the characteristics of three datasets in this manuscript to reveal our idea.
- Clearly describing features, which are not sufficiently mentioned in the original paper.
- Validating our method along with deep discussions on three datasets instead of one dataset.
- Comparing our method to Ranking SVM with sophisticated features for social context summarization. Experimental results indicate that our method sufficiently outperforms Ranking SVM.
- Analyzing relevant aspect of third-party sources in the summary model.
- Observing the relation between training data-size with summary performance and training time.
- Observing the position of summary sentences generated from our method to conclude that sequence labeling is inefficient for summarizing social messages, e.g. tweets or comments.
- Validating our hypotheses stated in the manuscript by a running example.

The manuscript shares with the original paper four common things:

- Sharing the same idea of exploiting user-generated content and relevant documents to enrich the summarization.

- Using the same feature set.

- Using the results on a news SoLSCSum dataset.