

The Improved and Extended Manuscript vs. The Original Paper

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

- Creating and releasing an open-domain dataset which contains news articles along their with comments. The dataset is annotated by the human with Cohen's Kappa is 0.5845.
- Deeply observing and analyzing the characteristics of two 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 two datasets instead of one dataset.
- Comparing our method to Support Vector Machines (SVM), which is a traditional method for document summarization. Experimental results indicate that our method significantly outperforms SVM.
- Observing the position of summary sentences generated from our method to conclude that SentenceLead 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:

- Using the original model.
- Using the results on a news highlight extraction dataset.
- Using the results of feature and feature group contribution.
- Using the results of analyzing the role of trade-off parameter.