

The Improved and Extended Manuscript vs. The Original Paper

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

- Refining and improving the model by investigating two additional cases of the topic number, making the model is more flexible to capture the nature of relationships between sentences and user posts.
- Validating the model with an additional dataset in the task of highlight extraction. ROUGE-scores show that the model acquires improvements for user post extraction.
- Comparing the model to the state-of-the-art methods in social context summarization. Experimental results illustrate that the model obtains very competitive results.
- Observing the contribution of user posts in term of number for sentence and user post extraction.
- Investigating the contribution of the topic number of the two additional cases.
- Describing clearly the learning algorithm, which is not shown in the original paper.
- Investigating a literature review, which makes a story of text as well as social context summarization.
- Conducting carefully revision and proof-reading, e.g. English usage, typos, which ensure the quality of this manuscript and distinguish with the original paper.

The manuscript shares with the original paper four common things:

- Sharing the same idea of exploiting user posts to enrich the summarization.
- Using the same model of matrix co-factorization in the case of the same topic number
- Using the results on SoLSCSum and VSoLSCSum datasets.