

Response to Reviewr Comments:

Cosine Similarity as Logits?: A Scalable Knowledge Probe Using Embedding Vectors from Generative Language Models

Dear Reviewers, Area Chair, and Senior Area Chair,

We would like to show great appreciation for the time taken to provide us with valuable comments and suggestions. We have changed some points from previous submission to better reflect the suggestions given.

The key changes made are as follows:

Shift in Focus of the Paper and Change in Submission Track: wh9n, XEEG

Following comments from reviewers, our current submission has focused on the use of DEER, explicitly for knowledge probing. We believe submission to the interpretability track is more suitable given the changes in focus.

Change in the Title:

The title has been changed from “Cosine Similarity as Logits?: Few-shot Knowledge Graph Completion with Embedding Vectors of a Generative PLM and its Application in Knowledge Probing” to “Cosine Similarity as Logits?: A Scalable Knowledge Probe Using Embedding Vectors from Generative Language Models” to better reflect our current focus.

Analysis of Time Consumption: rtdQ

As has been requested, by the reviewers, we have made additional comparison with previous methods regarding compute time required. We have empirically showed that our improved time complexity, is not just a theoretical caveat, but results in significant improvement in computational time, enabling knowledge probing with knowledge base that were previously impossible.

Our changes address the main concerns raised by the reviewers. We believe the incorporations of suggestions, shift in the focus of our analysis, makes our work significantly more valuable to a broader audience. In addition, we believe submission to the current area is a better fit for our work, resulting in higher impact and broader recognition of our paper.

We sincerely appreciate all insightful comments given.

Kind regards,

Authors