

different, as shown in TABLE II. Even though the model quality needs improvements, the model is able to generate some questions-worthy sentences. The results of the human evaluation experiment indicate that the majority (>50%) of respondents rated the fluency, relevance, and answerability of the generated questions as being between ‘okay’ and ‘good’ as shown in Fig. 2.

As for future improvement, we suggest the improvement or exploration by utilizing coreference resolution. By applying coreference resolution, the generated question quality will be improved, therefore the question will be more challenging to the students. We will also refine our model based on our experiment results and evaluation to create a balanced number of generated questions between methods available in the model, and increase the quality of fluency, relevance, and answerability.

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