

Dear Reviewers 6BR1 and uxUr,

We greatly appreciate the time and effort you invested in reviewing our paper. Your feedback has provided us with an opportunity to reflect on our work from new perspectives. In this letter, we wish to clarify our approach and the decisions made during our research, in line with the comments received.

We present a deep learning-based novel method aimed at simultaneously predicting algorithm tags and difficulty levels of algorithm problems.

**Educational Implication and Prior Work:** In response to the discussions on educational implications and prior work, we highlight that our model's weights for predicting algorithm categories and difficulty levels have been made publicly available. This openness aims to encourage the development of tools that support algorithm learning, thereby enriching the educational ecosystem within this domain.

**Technical Contributions:** Our work has demonstrated that while there are models that may surpass the performance of a single model on individual tasks, our proposed solution stands out by excelling in performing both tasks concurrently. This accomplishment marks a significant step towards developing state-of-the-art (SOTA) models capable of multi-task learning, showcasing our contribution to the field's technical advancements.

**Dataset Difficulty Levels:** Although our current paper does not delve into the intricate details of dataset difficulty levels, we acknowledge the importance of this aspect. We are committed to exploring this in greater depth in future research, ensuring that subsequent studies provide a more comprehensive understanding of the challenges posed by algorithm problems.

**Integration with Existing LLMs:** While we anticipate that Large Language Models (LLMs) hold the potential for remarkable performance, our current research employed more widely accessible models to ensure broader applicability. However, we hint at the possibility of incorporating LLMs in our future work, aiming to leverage their advanced capabilities for enhancing our method's effectiveness.

**Correctness and Reproducibility:** We understand the importance of accessibility and transparency in research. To this end, the dataset and code from previous versions of our work are already publicly available. We plan to update these resources with the latest version of the model weights and dataset in the near future, reaffirming our commitment to reproducibility and continuous improvement.

Our responses are intended to address the key points raised in your reviews, clarifying our research's scope and objectives. We believe that our work contributes meaningfully to the domain of competitive programming and educational technology, and we look forward to further discussions and opportunities to refine our approach.

Thank you once again for your invaluable feedback and consideration. We are eager to engage with any additional comments or suggestions you may have.

Sincerely,  
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