基于指令微调的数学推理任务探索

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Abstract

- 型 数学推理是评估人类智力基本认知能力的基石。近年来,针对自动解决数学问题的大型语言模型 LLMs 得到了显著发展。我们基于 Qwen2.5-0.5B-instruction,探索了全参数 SFT,全参数 LoRA 指令微调的效果,同时,通过数据集增强,提高了模型的性能;我们还在解码阶段加入多轮投票,得到了相关的测试结果。
- ₆ 1 Introduction
- 7 1.1 Style
- 8 1.2 Retrieval of style files
- 2 RelatedWork
- 10 3 Method
- 11 3.1 Headings: second level
- Second-level headings should be in 10-point type.
- 13 3.1.1 Headings: third level
- 14 Third-level headings should be in 10-point type.
- 15 Paragraphs There is also a \paragraph command available, which sets the heading in bold,
- 16 flush left, and inline with the text, with the heading followed by 1 em of space.
- 17 4 Evaluation
- 18 4.1 Tables
- ₁₉ 5 Conclusion
- 20 6 References
- References follow the acknowledgments in the camera-ready paper. Use unnumbered first-
- 22 level heading for the references. Any choice of citation style is acceptable as long as you
- are consistent. It is permissible to reduce the font size to small (9 point) when listing the
- references. Note that the Reference section does not count towards the page limit.

Submitted to 38th Conference on Neural Information Processing Systems (NeurIPS 2024). Do not distribute.

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