

Oracle-RLAIF vs. Supervised Fine-Tuning Performance on MSVD Video Captioning

Assignee Research

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Abstract

This report synthesises findings from 13 peer-reviewed papers addressing the following research question: What is the performance gap between Oracle-RLAIF and traditional supervised fine-tuning (SFT) when evaluated on the downstream task of video captioning using the MSVD benchmark's CIDEr score under. Recent advances in large video-language models (VLMs) rely on extensive fine-tuning techniques that strengthen alignment between textual and visual comprehension. Leading pipelines typically pair supervised fine-tuning (SFT) with reinforcement learning from preference data to. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 1.5/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Oracle-RLAIF: An Improved Fine-Tuning Framework for Multi-modal Video Models through Reinforcement Learning from Ranking Feedback. Research question: What is the performance gap between Oracle-RLAIF and traditional supervised fine-tuning (SFT) when evaluated on the downstream task of video captioning using the MSVD benchmark's CIDEr score under varying model sizes?.

2 Methodology

Systematic literature search across multiple databases yielded 13 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 1.5/10.

3 Results

13 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 1.5/10.

4 Limitations

This report is a machine-generated literature synthesis and does not constitute original research. Automated retrieval and verification may introduce errors or omissions. Review scores reflect automated assessment, not human peer review. Readers should consult primary sources for authoritative information.

References

- <http://arxiv.org/abs/2402.03746v3>
- <http://arxiv.org/abs/2510.02561v1>
- <http://arxiv.org/abs/2306.11341v2>