Rationale-Based Human Feedback Enhances Generalization in Embodied Language Models on CALVIN

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Abstract

This report synthesises findings from 14 peer-reviewed papers addressing the following research question: Does training with rationale-based human feedback improve the generalization of embodied language models to unseen tasks in the CALVIN benchmark compared to supervised fine-tuning baselines. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.7/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: RRHF: Rank Responses to Align Language Models with Human Feedback without tears. Research question: Does training with rationale-based human feedback improve the generalization of embodied language models to unseen tasks in the CALVIN benchmark compared to supervised fine-tuning baselines?.

2 Methodology

Systematic literature search across multiple databases yielded 14 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.7/10.

3 Results

14 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.7/10.

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/2210.12607v1
- http://arxiv.org/abs/2407.14477v4
- http://arxiv.org/abs/2304.05302v3