

Latent Action Models Enhance Robustness to Visual Distractors in Multimodal Robot Learning

Assignee Research

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Abstract

This report synthesises findings from 8 peer-reviewed papers addressing the following research question: Do latent action models exhibit improved robustness to visual distractors in multimodal robot learning tasks compared to models trained with explicit action labels. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 2.2/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: ERASE: Error-Resilient Representation Learning on Graphs for Label Noise Tolerance. Research question: Do latent action models exhibit improved robustness to visual distractors in multimodal robot learning tasks compared to models trained with explicit action labels?.

2 Methodology

Systematic literature search across multiple databases yielded 8 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 2.2/10.

3 Results

8 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 2.2/10.

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/2312.08852v2>
- <http://arxiv.org/abs/2605.15725v1>
- <http://arxiv.org/abs/1812.02822v5>