

Video-JEPA Auxiliary Loss Functions and Domain Shift Robustness in Zero-Shot Transfer

Assignee Research

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Abstract

This report synthesises findings from 14 peer-reviewed papers addressing the following research question: How do different auxiliary loss functions in Video-JEPA affect the robustness of learned representations to domain shifts, as measured by zero-shot transfer performance on out-of-domain video. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.5/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Inferring Latent Class Statistics from Text for Robust Visual Few-Shot Learning. Research question: How do different auxiliary loss functions in Video-JEPA affect the robustness of learned representations to domain shifts, as measured by zero-shot transfer performance on out-of-domain video datasets like HMDB-51 or ActivityNet?.

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 3.5/10.

3 Results

14 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.5/10.

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/2605.17165v1>
- <http://arxiv.org/abs/2212.11187v1>
- <http://arxiv.org/abs/2311.14544v1>