

Contrastive Learning Objectives in Video-JEPA for Kinetics-700 Classification Performance

Assignee Research

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Abstract

This report synthesises findings from 6 peer-reviewed papers addressing the following research question: How does the integration of contrastive learning objectives in Video-JEPA affect downstream video classification performance on the Kinetics-700 benchmark compared to standard masked prediction. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.8/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Video Contrastive Learning with Global Context. Research question: How does the integration of contrastive learning objectives in Video-JEPA affect downstream video classification performance on the Kinetics-700 benchmark compared to standard masked prediction objectives?.

2 Methodology

Systematic literature search across multiple databases yielded 6 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.8/10.

3 Results

6 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.8/10.

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/2108.02722v1>
- <http://arxiv.org/abs/2008.02531v2>