

Video-JEPA Scaling Laws for Downstream Transfer Across Auxiliary Loss Ratios

Assignee Research

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Abstract

This report synthesises findings from 8 peer-reviewed papers addressing the following research question: Do scaling laws for downstream transfer performance in Video-JEPA hold consistently across varying auxiliary loss ratios compared to standard pretraining loss metrics. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 6.5/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Scaling Laws for Downstream Task Performance of Large Language Models. Research question: Do scaling laws for downstream transfer performance in Video-JEPA hold consistently across varying auxiliary loss ratios compared to standard pretraining loss metrics?.

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 6.5/10.

3 Results

8 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 6.5/10.

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/2402.04177v3>
- <http://arxiv.org/abs/2605.17165v1>
- <http://arxiv.org/abs/2410.07298v3>