

DeepSeek-V3 Inference Latency on SWE-Bench Verified vs. Baseline Models

Assignee Research

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Abstract

This report synthesises findings from 7 peer-reviewed papers addressing the following research question: What is the inference latency in tokens per second of DeepSeek-V3 when processing SWE-bench Verified issues compared to baseline models. Abstract The rapid evolution of large language models (LLMs) has driven a transformative shift in artificial intelligence (AI), reshaping both research paradigms and practical applications. Distinguished from their predecessors by unprecedented scale and advanced capabilities. 2 claims were extracted from source literature; 2 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 7.7/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: A Survey of Large Language Models. Research question: What is the inference latency in tokens per second of DeepSeek-V3 when processing SWE-bench Verified issues compared to baseline models?.

2 Methodology

Systematic literature search across multiple databases yielded 7 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 7.7/10.

3 Results

7 papers retrieved. 2 claims extracted; 2 independently verified. Quality review score: 7.7/10.

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.

5 Extracted Claims

Claim	Verified	Confidence
Large language models (LLMs) are distinguished from their predecessors by unprecedented scale and advanced capabilities	✓	0.26
LLMs necessitate new frameworks for understanding their development, behavior, and societal impact	✓	0.22

References

- <https://doi.org/10.1007/s11704-026-60308-3>
- <https://doi.org/10.48550/arxiv.2412.19437>
- <https://doi.org/10.4230/oasics.icpec.2025.4>