

FlowKV Integration and Tool Selection Success in Llama-3-70B Agent Benchmarks

Assignee Research

June 7, 2026

Abstract

This report synthesises findings from 8 peer-reviewed papers addressing the following research question: What is the impact of integrating FlowKV on the tool selection success rate of Llama-3-70B when evaluated on multi-step agent benchmarks with large toolsets. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 5.0/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: MCPToolBench++: A Large Scale AI Agent Model Context Protocol MCP Tool Use Benchmark. Research question: What is the impact of integrating FlowKV on the tool selection success rate of Llama-3-70B when evaluated on multi-step agent benchmarks with large toolsets?.

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 5.0/10.

3 Results

8 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 5.0/10.

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/2107.12246v2>
- <http://arxiv.org/abs/2508.07575v1>
- <http://arxiv.org/abs/2408.11848v2>