

# Evaluation of 'Related Works: Model Context Protocol (MCP)'

## **Comprehensiveness (9/10)**

The chapter provides an impressive and wide-ranging overview of the MCP research landscape, covering security, benchmarks, architecture, and applications. It references all major recent works from 2025 and includes both foundational and emerging studies. However, the section on applications could be expanded with more diverse use cases to further strengthen coverage.

## **Relevance (10/10)**

All cited works are clearly related to the MCP topic and contribute directly to understanding its development, security, and integration. There are no tangential or irrelevant references. Each citation aligns well with the chapter's stated focus areas, showing a clear thematic fit.

## **Organization & Structure (9/10)**

The chapter follows a coherent and logical structure, beginning with a contextual introduction and proceeding through thematic sections. The division into security, benchmarks, integration, and applications enhances readability and conceptual flow. Minor improvements could be made by adding clearer transitions between sections or a summarizing table for comparison.

## **Critical Analysis (8/10)**

The author goes beyond summarizing studies by identifying research gaps and contrasting mitigation and vulnerability-focused approaches. However, some sections—especially on benchmarks and architecture—lean more toward summarization than critical synthesis. A deeper comparison of methodological strengths and weaknesses would further elevate the analysis.

## **Clarity & Readability (9/10)**

The writing is professional, concise, and accessible to an academic audience. Technical terms are used appropriately and contextually explained. A few sentences could be made smoother by reducing redundancy or enhancing cohesion between subsections.

## **Citation Quality & Accuracy (10/10)**

All citations are recent, relevant, and drawn from credible sources (mostly arXiv preprints from 2025). The references are formatted consistently and link directly to verifiable sources. The inclusion of both security and benchmarking studies reflects a strong awareness of current discourse.

**Average Score:** 9.17 / 10

## **Final Summary**

This Related Work chapter demonstrates a strong command of current MCP research, particularly in security and benchmarking domains. It is well-structured, coherent, and supported by accurate, up-to-date citations. The discussion effectively identifies research gaps and situates the current study within ongoing scholarly discourse. Minor improvements could include deeper critical comparisons and broader coverage of MCP applications. Overall, it is an excellent and mature review section that convincingly establishes the research foundation for the paper.