

# Review of: "Towards Responsible AI-Assisted Scholarship: Comparative Assessment of Generative Models and Adoption Recommendations"

Mehmet Firat<sup>1</sup>

<sup>1</sup> Anadolu University

Potential competing interests: No potential competing interests to declare.

The article offers a comprehensive review of the topic, covering background, applications, challenges, biases, ethics, limitations, and future prospects. It synthesizes various literature strands regarding the impact of generative AI on knowledge creation. The article discusses empirical evaluations of leading models' effectiveness across scholarly tasks and acknowledges ongoing challenges like hallucination risks and analytical difficulties. Additionally, it highlights the importance of maintaining academic integrity in the AI era, addressing concerns related to cheating and research integrity. However, it is important to note that the article may not cover all potential biases and limitations of generative AI systems, as the focus is primarily on benchmarking and capability assessment.