Title: Cross-Sector Analysis of Simulation Methods: A Survey of Defense and Healthcare

1.1 Motivation: This paper delves into the cross-sector analysis of simulation methods in the domains of defense and healthcare. Motivated by the need to explore the commonalities and differences between these sectors, the study aims to provide valuable insights into the applications of simulation methods in diverse contexts.

1.2 Contribution: The contribution of this research lies in its comprehensive survey of simulation methods, offering a nuanced understanding of their use in both defense and healthcare. By identifying shared methodologies and unique practices, the paper contributes to the broader understanding of simulation applications across sectors.

1.3 Methodology: Two comprehensive reviews are conducted in the fields of "Military & Aerospace" and "Healthcare." A unified search framework is developed, incorporating common features while allowing flexibility for customization within each domain. The primary objective is to comprehensively explore various simulation methods and application areas. Importantly, the reviews do not limit themselves to a specific set of journals or conferences; instead, they employ extensive searches across relevant databases, employing filtering mechanisms to refine the results.

1.4 Conclusion: In conclusion, the paper highlights the key findings from the cross-sector analysis. It synthesizes the information gathered from defense and healthcare simulations, offering valuable insights into the potential synergies and challenges that arise in the application of simulation methods across different sectors.

2.1 First Limitation: One limitation of the study is the reliance on existing literature, which may not fully capture recent developments in simulation methods. The authors acknowledge the potential omission of emerging trends and emphasize the need for future research to address this limitation.

2.2 Second Limitation: Another limitation is the scope of the survey, focusing primarily on defense and healthcare. The exclusion of other sectors may limit the generalizability of findings. Future research could expand the analysis to include additional sectors for a more comprehensive understanding.

Synthesis: The ideas presented in the paper open avenues for potential applications and future research. The cross-sector insights gleaned from the survey can inform the development of adaptable simulation methodologies applicable in various contexts. Additionally, the identification of limitations prompts further investigation, paving the way for advancements in cross-sector simulation applications. This synthesis encourages researchers to explore innovative approaches and applications beyond the realms of defense and healthcare.