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| Journal Name: | [**Asian Journal of Research in Computer Science**](https://journalajrcos.com/index.php/AJRCOS) |
| Manuscript Number: | **Ms\_AJRCOS\_133450** |
| Title of the Manuscript: | **The Impact of Cybersecurity Governance on National Security by Strengthening Critical Infrastructure through IT Auditing and Risk Management** |
| Type of the Article | Research |

**PART 1: Comments**

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|  | **Reviewer’s comment**   |  |  | | --- | --- | | **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer** | | | **review.** |  | | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript “The Impact of Cybersecurity Governance on National Security by Strengthening Critical Infrastructure through IT Auditing and Risk Management” is significant to the scientific community. It establishes the need to bridge IT auditing and Risk Management measures together into ‘governance frameworks’. The research provides empirical evidence on the effectiveness of established cybersec standards such as NIST and ISO 27001 in reducing cyber threats. The finding helps different verticals to focus on the governance frameworks for both compliance and security at the same time. Given the national security depends on having a hardened cyber security in this connect world researches like these strengthen it. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, I think the title sounds appropriate. |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | The abstract provides a clear summary of the study, highlighting the significance of cybersecurity governance in national security, the methodologies used and the corresponding key findings. However, the abstract could benefit from a brief mention of potential limitations or challenges in implementing these governance measures today. Additionally, while the recommendations are valuable, specifying which sectors or regions would benefit most from them would enhance the applicability of the study. As we know that each region/sector has their own requirements and limitations. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is well-researched, methodologically sound and presents logical arguments supported by evidence. The use of logistic regression, paired t-tests, and Kaplan-Meier survival analysis ensures statistical rigor in assessing the impact of cybersecurity governance. The only minor concern is that certain discussions likethose on IT auditing effectiveness could be expanded with more real-world case studies to support the claims. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The manuscript has an extensive list of references and I think they are sufficient. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes it is suitable. |  |
| **Optional/General** comments |  |  |

**PART 2:**

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|  | ***Reviewer’s comment*** | ***Author’s comment*** *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer Details:**

**Priyanka Neelakrishnan, United States of America**