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| Book Name: | **Crisis, AI, and the Future of Higher Education** |
| Manuscript Number: | **Ms\_BPR\_5887.4** |
| Title of the Manuscript: | **The Impact of the Epidemic on the Learning and Research Output of Graduate Students** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Proceedings of the 2024 3rd International Conference on Science Education and Art Appreciation (SEAA 2024), Advances in Social Science, Education and Humanities Research 866**

**DOI: 10.2991/978-2-38476-291-0\_34**

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| PART 1: Comments | | |
|  | 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 provides valuable insights into the impact of the COVID-19 epidemic on the learning and research output of graduate students. By employing structural equation modeling (SEM), the study quantitatively analyzes how various dimensions—such as research communication, data acquisition, publication processes, and job-hunting—are affected by the pandemic. This research fills a significant gap in the existing literature, focusing specifically on postgraduate students, a group that has been underexplored in previous studies. The findings offer crucial information for educational institutions, policy makers, and researchers to better understand the long-term effects of the pandemic on higher education, particularly on research productivity and academic achievement.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title of the article, "The Impact of the Epidemic on the Learning and Research Output of Graduate Students," is suitable and clear, as it directly reflects the scope and focus of the study. However, a more specific title could be suggested to emphasize the methodology and key findings. A possible alternative title could be:**  **"Analyzing the Impact of COVID-19 on Graduate Students' Learning and Research Output: A Structural Equation Modeling Approach"**  **This alternative title emphasizes the methodology used (structural equation modeling) and the primary focus on graduate students.** |  |
| 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 is comprehensive as it clearly outlines the objectives, methodology (structural equation modeling), and key findings of the study. However, it could benefit from a slight revision to include more details about the sample size and key results, such as the impact of specific factors on research output.**  **Suggestions for revision:**   * **Include a brief mention of the sample size (2586 respondents, 2552 valid) in the abstract to provide context for the study’s scale.** * **Mention the specific dimensions that were found to have significant correlations (such as research communication, research data acquisition, and publication process) to highlight the most important findings.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically correct, with clear explanations of the methods and results. The use of structural equation modeling (SEM) is appropriate for the research questions, and the results are presented with relevant statistical measures. However, a more detailed discussion of the limitations of the study (e.g., potential biases in self-reported data from questionnaires) would be beneficial to provide a more balanced analysis.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are sufficient and recent, including key studies related to the impact of the pandemic on education and research. However, additional references on the application of SEM in similar contexts could enhance the manuscript’s depth. For example, referencing studies that have applied SEM in educational research outside of the COVID-19 context would provide additional perspectives on the methodology.**  **Additional reference suggestion:**   * **Incorporating studies that explore the impact of online learning on postgraduate students from different geographical regions or disciplines could provide a broader comparison and enrich the paper.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language quality of the article is suitable for scholarly communication. The writing is clear and concise, with appropriate technical terms used for the SEM methodology and statistical analysis. There are minor areas where sentence structure could be improved for readability, but overall, the manuscript is well-written and adheres to the standards expected for academic papers. |  |
| Optional/General comments | - |  |

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| **PART 2:** | | |
|  | 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:**

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