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| Journal Name: | [Asian Journal of Pure and Applied Mathematics](https://www.jofmath.com/index.php/AJPAM) |
| Manuscript Number: | **Ms\_AJPAM\_1872** |
| Title of the Manuscript: | **The Dynamics of Poverty, Cybercrime and Prostitution in South South, Nigeria** |
| Type of the Article | **original research paper** |

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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 is of significant importance to the scientific community as it addresses the complex and interrelated issues of poverty, cybercrime, and prostitution through a rigorous mathematical modeling approach. By employing ordinary differential equations and stability analysis, the study provides a quantitative framework to understand the dynamics of these social vices and the impact of intervention strategies. The findings offer valuable insights for policymakers and stakeholders aiming to design effective socioeconomic programs to alleviate poverty and reduce crime. Additionally, the model serves as a foundational tool for future research in similar contexts, contributing to the broader discourse on sustainable developmentand social policy. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The title, "The Dynamics of Poverty, Cybercrime, and Prostitution in South South, Nigeria," is suitable as it accurately reflects the study's focus and scope. However, it could be slightly refined to emphasize the mathematical modeling aspect, such as "Mathematical Modeling of Poverty, Cybercrime, and Prostitution Dynamics in South South, Nigeria." |  |
| **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, clearly outlining the study's objectives, methodology, and key findings. However, it could briefly mention the specific policy interventions tested (e.g., economic empowerment, law enforcement) to provide a more complete overview of the research scope. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript appears to be scientifically sound, with a well-structured mathematical model and appropriate use of stability analysis and numerical simulations. However, further validation with empirical data and sensitivity analysis would enhance its scientific rigor andapplicability. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are generally sufficient and include a mix of recent and foundational works, though some areas could benefit from more up-to-date studies, particularly on cybercrime and prostitution dynamics in Nigeria. Additional references such as recent reports from the United Nations Development Programme (UNDP) or World Bank on poverty and crime in Sub- Saharan Africa could further strengthen the literature review. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes, the language and English quality of the article are suitable for scholarly communication, with clear and precise expression of complex ideas. |  |
| **Optional/General** comments | This study provides a robust mathematical model to analyze the interplay between poverty, cybercrime, and prostitution, offering valuable insights for policymakers. However, further details on data sources, sensitivity analysis, and real-world validation would enhance its applicability and credibility. |  |

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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:**

 **Olufemi Adesola Adedayo, University of Massachusetts, USA**