

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_110076
Title of the Manuscript:	Computational Nonlinear Dynamics: An Assessment of Optimal Control of COVID-19 in Akwa Ibom State, Nigeria
Type of the Article	

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>In this article, the authors have developed a deterministic epidemic model using the principles of mathematical modeling of infectious diseases. The article is acceptable in terms of quality and can be published after fixing the defects listed below.</p> <p>1- The results of this study are not clearly visible in the abstract.</p> <p>2- The background of research is not visible. It is suggested that the authors will further deal with previous articles and studies on the subject of this study. Highlight the gaps of the previous research and say how the present study compensates for the previous gaps?</p> <p>3- Highlight the reason for the novelty of this research.</p> <p>4- It is suggested that research limitations and future research suggestions be added to the conclusion section.</p>	Noted and adjusted to.
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?		Noted
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with 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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	Noted