

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. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	 1. The manuscript is so important. 2. It is better for the title to be "Computational Nonlinear Dynamics: An Assessment of COVID-19 by Optimal Control Strategy in Nigeria's Akwa Ibom State." 3. The abstract is clear and sound. 4. Subsection 3.0, 3.1, 3.2....; 4.0, 4.1, 4.2,.... Are not properly written. It needs sequential correction. See page 9-15 5. The mathematical analysis of the model is properly done; and hence the manuscript is scientifically correct. 6. 29 references are from year 2020-2023, and the rest are from 2000-2019. Thus, the references are recent and appropriate. 7. Some spelling and grammatical errors are suggested as comment to correct in the pdf.	Noted
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes it is.	Noted
Optional/General comments	It is better to give mathematical recommendation to health expertise, and communities of Akwa Ibom State to protect them from covid-19 pandemic.	Noted

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?	(If yes, Kindly please write down the ethical issues here in details)	