

**Review Form 1.7**

Journal Name:	<a href="#">Journal of Scientific Research and Reports</a>
Manuscript Number:	<b>Ms_JSRR_113994</b>
Title of the Manuscript:	<b>Sensitivity and Bifurcation Analyses of a co-infection Model for Monkeypox and HIV/AIDS Infections.</b>
Type of the Article	<b>Original Research Article</b>

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Sensitivity and Bifurcation Analysis are very useful analysis for the infection Model. But here lack of good graphical presentation of Sensitivity and Bifurcation analysis found. You can follow some references for this (see point 6).</b></p> <p><b>Need some correction.</b></p> <p><b>Yes</b></p> <p>Elaborate the details of the research methodology. Justify, why adopted the 'proposed' methodology. Discuss the suitability of this methodology for this problem. Address the advantages of this methodology over other methodologies. Authors may discuss the disadvantages of the proposed methodology also.</p> <p>The authors should add the following articles and discuss in the main text the importance of mathematical modelling in solving real-life problems. <b>(example : doi.org/10.28919/cmbn/8319, doi.org/10.1007/s00500-023-09170-0, doi.org/10.1016/j.matcom.2022.07.012, doi.org/10.1016/j.rico.2022.100115, doi.org/10.1002/cmm4.1185, doi.org/10.1016/j.aej.2021.12.066, doi.org/10.1002/pa.2754).</b> Remove some old and unwanted articles from the manuscript and add the above suggested articles into the manuscript.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>I recommend that the authors proofread their entire paper.</p>	
<p><b>Optional/General</b> comments</p>		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

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