

Review of: "An Optimal Control for Ebola Virus Disease with a Convex Incidence Rate: Imputing from the Outbreak in Uganda"

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Potential competing interests: No potential competing interests to declare.

The results listed in the paper in the form of formulas, figures, and analysis seems true and correct. However, further changes is required to make it worth publishing:

There are some grammatical mistakes in the manuscript, therefore, I recommend to revise the overall paper for grammatical mistakes.

I recommend to mention the significance and objective of the current work in the introduction section.

Also revise the caption of Figure 1. Check that the references used in the manuscript are accurate, relevant, and up-to-date, and whether they adequately support the study's findings and conclusions.

Describe the state of the art of the model and check that all parameters and state-variables are defined in the manuscript.

There are some typos and punctuation. The document should be proofread for punctuation errors and typos.

Improve the introduction section with the following references:

1. [Modeling and analysis of breast cancer with adverse reactions of chemotherapy treatment through fractional derivative](#)
2. [Fractional-order dynamics of Rift Valley fever in ruminant host with vaccination](#)
3. [Optimal control and cost-effectiveness analysis for dengue fever model with asymptomatic and partial immune individuals](#)
4. [MSGDTM for solution of fractional order dengue disease model](#)
5. [Analysis of fractional-order dynamics of dengue infection with non-linear incidence functions](#)
6. [Analysis and dynamical behavior of a novel dengue model via fractional calculus](#)

I suggest to discuss the findings of your work in the discussion section not in the conclusion section.

In conclusion section summarize the results of your work with detail and include future direction if possible.