

# 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.

In the submitted manuscript, the authors considered a Ebola Virus disease model with a convex incidence rate. An optimal control strategy which aims at reducing the number of infected individuals in the population and increasing the number of recovered through treatment were evaluated. The control threshold was obtained. Numerical simulation results were incorporated to support the theoretical analysis.

Based upon my careful observation, the paper under review is well written and the presented results are of great importance to the widest audience. Before accepting the manuscript, the following suggestions should be incorporating in the final version of manuscript.

1. I advise the authors to read the entire manuscript and correct all typographical and grammatical errors.
2. Add the positivity of the solution of the system.
3. Add the prove of the local asymptotically stability of the disease-free equilibrium point.
4. Add the study of the global asymptotically stability of the disease-free equilibrium.
5. Add the prove of the existence of the endemic equilibrium point.
6. The authors must cite most recent published work related to the article.