

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.

This is a significant subject. The paper models the spread of Ebola virus, calculates the basic reproduction number, and analyzes the optimal control. It needs some revisions before it can be published.

1. In the full text, does "Ebola Virus disease (EVD)" meet the specifications?
2. Is the secondary title: **1.1 Organization of the manuscript** necessary?
3. Do the $D(t)$ terms in the model need to be considered? Removing the $D(t)$ term should have no effect on the model.
4. There is a writing error (S^*) in equation (2.2).
5. How is the total population obtained?
6. What are the conditions for the existence of endemic equilibrium point?
7. Where is the content of subsection 3.1?
8. The paper does not need to set up subsection 4.3.1.