

Review of: "A Mathematical Characterisation of COVID-19 in Mauritius"

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Potential competing interests: No potential competing interests to declare.

Review Report

Review of the manuscript entitled “A Mathematical Characterisation of COVID-19 in Mauritius” by the author Sayed Z Sayed-Hassen.

I have gone several times through this manuscript and found it is very interesting and easy to read. In this manuscript, author has proposed mathematical models of the progression of COVID-19 in Mauritius and comparing them with that of rest of the world. And also compute reproduction number. The case fatality rate as well as crude mortality rate for different countries are also compared.

Overall, this manuscript is sound in mathematical and biological point of view, but prior to publication the authors should remove a few minor issues.

1. The English should be checked and the sentence structure should be simplified, avoiding repetitions whenever possible to make your article be more fluent and logical.
2. Rewrite the manuscript in justified format.
3. References are not well written. Use proper format for references.
4. In the Conclusion, it would be better to write the obtained important results as bullet points.