

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

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**Potential competing interests:** No potential competing interests to declare.

## **Reviewer's report:**

The authors presented a study on "A Mathematical Characterisation of COVID-19 in Mauritius." The authors initially developed the mathematical models of COVID-19 evolution in Mauritius and a number of other nations, primarily in Europe.

However, the following comments must be carefully considered before making this recommendation.

1. Modify the abstract with the major results of your study. What is obtained from numerical simulation, and what is its significance?
2. Update the introduction with recent publications.
3. Write down the numerical scheme that you used for the simulation of the results.
4. Clear the aspects of your work by comparing it with the existing literature?
5. Are you comparing the characterization of COVID-19?

However, there is no mathematical computation in this paper. The topic is not clear. The paper need major revision.