

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

Ahmed S. Elgazzar<sup>1</sup>

<sup>1</sup> Arish University

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

In the manuscript, mathematical models of the progression of COVID -19 are proposed to determine some metrics of COVID -19 in Mauritius and compare them with those of the rest of the world. The study could be of interest, but needs a major revision considering the following points:

1. The title does not indicate the main topic of the study.
2. The data should be updated and appropriate references provided.
3. The motivation and contribution are not clear.
4. The introduction needs to be expanded to include more recent relevant literature.
5. In the discussion section, it is recommended to address the limitations of the study and highlight the significance of the findings. It is also recommended to compare the results with those of the recent relevant literature.