

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

Ndolane Sene<sup>1</sup>

<sup>1</sup> Université Cheikh Anta Diop

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

The paper is well written. The authors try to study an epidemic model related to the novel coronavirus. The authors have to revise minor the following points:

1. Why can this present model described in Eq. (1) to Eq. (3) describe the novel coronavirus?
2. Explain the time delay in the modeling, and what it means for the present model. It is important for modeling COVID when the information has a delay, please clarify this point.
3. How did the authors get the reproduction number in Eq. (4), what does it mean in the present paper?
4. Please give the reference of Eq. (6).