

Review of: "Qualitative Analysis of a Time-Delay Transmission Model for COVID-19 Based on Susceptible Populations With Basic Medical History"

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Potential competing interests: No potential competing interests to declare.

This work has added to the mathematical modeling of the recent COVID-19 pandemic but there are still some more work to be done for the work to meet a standard publication.

Below are my comments:

- English should be improved. There are alot of grammatical errors.
- The Parameters used for the numerical simulation is not referenced. Was it calculated? assumed or picked for literature?
- This work lack discussion of results. No biological interpretation. What can we really learn from this work?
- I can't see the basic medical history and how it was incorporated. This part of the work should be expanded
- It will be nice to see the connectivity between the qualitative analysis and the quantitative analysis
- Sensitivity analysis of the basic reproduction should be added to the analysis of this work