

# Review of: "A Simple Dynamic Model for Daily New Cases of COVID-19"

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Potential competing interests: No potential competing interests to declare.

## A Simple Dynamic Model for Daily New Cases of COVID-19

I have reviewed the work and I must state that the model seems to fit the data well and the authors need to quantify the parameter for the unreported cases since it is the additional parameter added to this model. Especially because it is an initial parameter that affects the performance of the model. The authors only showed it as an actual number but they could also quantify it in terms of its proportion to the reported cases to help other researchers who may wish to use the model in their studies.

### Major comments:

- The authors did not provide any discussion, implications or recommendations for their work. The study lacks contextualizing within other COVID-19 modeling studies.
- The references are very few (only about 8) for a subject area that has been over researched like COVID-19.
- Clearly the authors over-quoted their own work and that of other authors within the same study such as Musa et al., 2019; Abusam 2020 and Abusam 2022. This does not make sense since there had been numerous authors who had developed novelty models for COVID-19. Moreover, when a single author is quoted many times it amounts to plagiarism notwithstanding the self-citation noted in the text.

### Minor comments:

- Write GCC in full in the abstract and when used for the first time in the text.
- Line 3 of the assumptions made by the study has a missing word in 'Beyond that point in time, the of daily infected persons starts to decrease...' has a missing word in the highlighted section.