

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

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Potential competing interests: No potential competing interests to declare.

This is a nicely written paper on classical modeling of covid-19, but unfortunately, it does not contribute anything new. Calculation of R_0 and OLS fitting of covid-19 data is well-worn and well-understood in addition to its limitations. Furthermore, only the logistics curve is fitted which is known to have limited predictive value.

The correlation between alpha and peak infection may appear to be useful, but it is a well-known phenomenon among practitioners. Indeed, it is used to throttle hospital visits so hospitals do not become overwhelmed. Nothing new or novel, here.

Unfortunately, I cannot recommend publication due to lack of significance of the results. This may be useful to the residents of Mauritius, but has little relevance to the rest of the world or to science.