

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

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The paper is rather well written. This shows how we can arise to conclusions by fitting a simple model instead of a phenomenological approach. As it was clearly pointed out, this approach can not be used for prediction, but for a descriptive postmortem analysis. The reproduction number is not clearly obtained, I would suggest to keep it out from the scope. In my opinion, the main contribution is the picture 3, that shows the correlation between alpha and M, relating this way the sharpness of the peak with the final cumulative number of cases. A quantitative relation can be used in order to control and predict the pandemic behavior.