

Review of: "On Mask Wearing in Environments With and Without a Mask Mandate"

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Potential competing interests: I have a published article regarding the potential side effects of face masks worn during COVID-19 on TMJ. I would like to clarify that this study has no impact on my review of this study.

COVID-19 was a serious health problem that caused the death of millions and affected the economy of many countries. I think this study discusses a mathematical problem more than a health issue. The study consisted of assumptions and imaginary models, there are no real patients or complication-based view included. However, I have some points that I like to mention;

1. When you assume that type one of people who don't wear masks believe that masks restrict their personal freedoms, do you also assume that these people have been well informed about the serious complications of COVID-19?
2. Wearing face masks can cause dermatological side effects such as dermatitis which may influence individuals' decision regarding the masks, these side effects are not taken into account in this study.
3. Can the authors provide the mathematical proof of the equations provided in the study? How can we be sure that these are the appropriate equations for such a study?

We cannot make a decision regarding serious health problems such as COVID-19 based only on imaginary models without taken into consideration important issues such as complications rate and society health. I would recommend this study to be published in mathematic-related journals.