Review of: "Quantile regression for identifying latent structures in COVID-19 pandemic – Examples from Nepal"

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Potential competing interests: No potential competing interests to declare.

In this article, the author tries to explain the path traced by the dependent variable Daily Infected by using quantile values and quantile regression. The problem studied is interesting and worth investigating. However, I have some comments:

(1) The manuscript needs a thorough revision of the English and the presentation. There are many grammatical errors and typos.

(2) The abstract should be concise. For example, what the problem is, what the motivation is and how the problem is solved. Moreover, I do not think the keywords help readers since they present many country names, which cannot reflect the main focus of the paper.

(3) The introduction is not well written. Specifically, the motivation is not very clear, for instance, why the author choose quantile regression for identifying latent structures, what the development on identifying latent structures is, and the necessity to use quantile regression. I think the paper fails in this respect, so I suggest add more literatures and comments on this topic.

(4) Some mathematical quantities are not properly explained. For example, in Eq. (3), what does y_{i} mean? Moreover, the author give extensive figures, what conclusion can we draw from these figures, especially for designing control strategies for COVID-19.

(5) Sharpness of some figures should be improved. For example, Figs. 12-13.

(6) The limitations of the present work should be mentioned, especially when comparing with other regression methods for the same topic.