

Hello,

Thank you for taking time, reading through our manuscript and giving us the opportunity to submit a revised draft of our manuscript entitled “Country-Based Modelling of COVID-19 Case Fatality Rate: A Multiple Regression Analysis” for consideration of publication in the prestigious World Journal of Virology. We appreciate your time to provide insightful comments and suggestions.

We revised our manuscript according to these comments. Please see below, for the response to the reviewers’ valuable comments and concerns.

Reviewers’ comments to the authors:

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Rejection

Specific Comments to Authors: Dear author, thank you for sharing your research. I found your study proposal quite complex, especially in the intention to examine such a large sample of patients, which exposes your statistical model to distortion biases. In fact, it is known that a "too large" sample can lead to an excess of significance, thus leading to altered conclusions. For this reason, while appreciating your effort, I don't believe it's sufficiently clear for publication. Best regards.

Author response:

Thank you for taking the time to review this article. I completely agree with your point about the high sample size and the complexity of the article. This is a global study and the high sample size and the inclusion of all countries in the study is one of the study's merits. About the statistical method, multiple regression has 2 important advantages, the first is the ability to determine the relative influence of one or more predictor variables to the criterion value, and the second is the ability to identify outliers or anomalies. Also, the most important privilege of multiple regression is illustrating the complex and multifaceted nature of real-world phenomena. By accounting for additional factors that impact the dependent variable, we can decrease the error and bias in our estimates. Also, we tried to improve on language quality by one of my English native-speakers’ authors, and All changes in the article are highlighted in yellow. The changes were not done according to the guidelines. One of the charts is the output file of the statistical software and cannot be edited, so I uploaded the original file in PowerPoint format, but the rest of the orders were applied. Some references does not have PMID, because the journal was not index in Pubmed.

Best regards,

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