

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA **Telephone:** +1-925-399-1568 **E-mail:** office@baishideng.com https://www.wjgnet.com

## PEER-REVIEW REPORT

Name of journal: World Journal of Virology

Manuscript NO: 87881

Title: Country-Based Modelling of COVID-19 Case Fatality Rate: A Multiple Regression

Analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05432792 Position: Peer Reviewer Academic degree: MD

**Professional title:** Surgeon

Reviewer's Country/Territory: Italy

Author's Country/Territory: Canada

Manuscript submission date: 2023-08-31

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-08 10:59

Reviewer performed review: 2023-10-17 15:02

**Review time:** 9 Days and 4 Hours

	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C:
Scientific quality	Good
	[ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ Y] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ Y] Grade C: Fair [ ] Grade D: No creativity or innovation



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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [ Y] Grade C: Fair [ ] Grade D: No scientific significance
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	[ ] Grade A: Priority publishing [Y] Grade B: Minor language
Language quality	polishing [ ] Grade C: A great deal of language polishing [ ]
	Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority)
	[ ] Minor revision [ ] Major revision [ Y] Rejection
Re-review	[ ]Yes [Y]No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [ Y] No

## 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.