Qeios

Peer Review

Review of: "COVID-19 Vaccine Effectiveness Against Long-COVID-19 Condition in Pakistan"

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The study is very interesting, but few observations are:

1. The objective could be enhanced by specifying which demographic characteristics (e.g., age, ethnicity, gender) are under consideration. This would make the purpose more explicit to the reader.

2. Consider explaining the rationale behind selecting January 1, 2023, as the inclusion criterion for healthcare encounters. This would provide context and help readers understand the study's timeline.

3. While logistic regression and general linear models are appropriate, it might help to briefly justify their selection. For instance, you could explain why these models were best suited to capture the relationships between variables.

4. The results mention significant differences based on gender, age, and ethnicity. Adding a discussion about possible biological or social reasons for these trends could provide greater depth.

5. Since the results indicate no significant association between vaccination status and outcomes, consider elaborating on why this might be the case. Are there confounding factors or limitations in the dataset?

6. The conclusion could be more specific about how the findings will inform targeted interventions. For instance, what types of healthcare strategies or public health measures might be derived?

7. The abstract mentions the need for further research. Including a hint about which additional factors or populations should be explored in the future could provide direction and relevance.

Declarations

Potential competing interests: No potential competing interests to declare.