Review of: "Side effects of COVID-19 vaccination in Pakistani population: A cross sectional study"

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The authors performed a cross sectional study to describe COVID-19 vaccination side effects in a sample of Pakistani population in 2022. The topic is not original, but it can be interesting to adress the attitude of this population against vaccination for any disease.

However, the manuscript is not technically sound, and the data do not support the conclusions. There is a need for major revision.

1. The objective of the study is not clear and precise and there is no link between the objective and the title, the second part of the objective or the second objective couldn't be achieved with the study design : no comparison groups before/after.
2. Experiments were not conducted rigorously: how the sample size was calculated, what was the sampling method ?
3. The manuscript is not presented in an intelligible fashion and written in standard English: the paper is not written in clear, correct, and unambiguous style. There is no objective in the abstract and the methods are not detailed. The objective in the introduction is not precise, not clear. Sampling method need to be clearly described in the methods section. Some methods are described in the results section (eg: BMI classification). On the forest plot, figure 5, we need to see the number one (1), to check if the 95% CI include one (not significant association) or not (significant association).

Conclusion: the manuscript could be accepted after major revision of the title, the objective and the writing standards.