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

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The article is important as it documents side effects and severity of COVID-19 in Pakistan after getting vaccinated, which is an under-explored area in research. However, there are some issues that can improve the study.

1. Under "Sample size and data collection" heading, please also write how the data was collected? Was it in-person collection or internet-based? And how was the survey questionnaire distributed?

2. Since the authors use convenient sampling, the results are biased and not representative of Pakistani population. Therefore, please correct the article title and elsewhere in the paper to not mislead the readers into inferring that these results hold for the whole Pakistani population.

3. Which models/frameworks/techniques do the authors follow to include or exclude variables from their regression equations? Please write about this in your "Statistical analysis" section.

4. Instead of just writing "significant associations" while explaining your logistic regression results, it's better to write in terms of comparisons between categories as this improves readability. For instance, instead of "severe pain at the injection site was associated with gender", you can write something like "severe pain at the injection site was significantly higher (or lower) for males compared to females".

5. Please write numbers in numeric forms while explaining your results, wherever they're written in English alphabets, to ensure consistency across results. For instance, "One hundred fourteen participants" could be written as 114 participants.

6. Discussion needs to be more elaborate.