

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

Linda Morris Brown¹

¹ RTI International

Potential competing interests: No potential competing interests to declare.

Because the goal of this article is to help improve the public perception and confidence towards COVID-19 vaccination in the Pakistani population, I think that would be best reached by simplifying the presentation of the study information. For example instead of including vaccine-specific figures for Figures 1 and 2, a summary figure would be easier to see and understand. The supplementary tables capture the individual vaccine details for interested readers. A combined table would also be more in line with the sample size calculation. Instead of Table 3 which is hard for a lay person to interpret, I recommend including a table that shows risk estimates (ORs) for all vaccines combined stratified by age, gender, and BMI for the side effects of interest. Similar comments as those for Figures 1 and 2 apply for Figures 3 and 4. Because most of the ORs in figure 5 are small and the CIs are less than 30, it would improve readability to increase the size of the x axis between 0 and 30 and then put in a break to show that the 95% CI for tinnitus reaches almost 100.