

# Review of: "Acceptance of COVID-19 vaccination at different hypothetical efficacy and safety levels in Nigeria."

Innocent Bello

Potential competing interests: The author(s) declared that no potential competing interests exist.

## Review Report.

The study seems novel and interesting in the contemporary world.

### ***However, the authors should note the following:***

The title should be rephrased. The current title is ambiguous and somewhat vague.

The justifications for this study should be strengthened with additional arguments routed in documented current local challenges, if possible, with similar research findings on perceptions on vaccine intake by rural poor.

The statistical findings seem skewed because the collated data are PERCEPTIONS. More tenable conclusions should be drawn from the sampled questionnaires.

The graph used in Figure 1 should be changed to a simple "bar graph". The red color used is unnecessarily loud.

While the study seems to hinge on "age" as the major reason for accepting COVID-19 Vaccines, it would be better for the authors to look into the level of education, awareness, trust /reservations on the use of foreign drugs, and potency of local medicines as possible variables of significant interest in this study.

The first paragraph in the conclusion is fallacious. (....The findings from this study shows that the acceptance rate of COVID-19 vaccine among selected Nigeria population is inversely proportional to the age of the study participants, majority of respondents were aware of the knowledge, preventive measures and well prepared to fight against virus).

Since this study is a pilot study with scattered participants, an acceptable sampling technique will be more appropriate with additional participants spread across age and gender, local government areas, and states will be required to make such conclusions.

The authors should work on sentence structure and grammar. It is recommended that the work be proof-read again and **spell checker** software be used.

Good Luck

Dr. IE Bello

