

Review of: "Acceptance of Childhood Rotavirus Vaccine Among Mothers at The Point of Rotavirus Vaccine Introduction: A case study from Awka Anambra State Nigeria"

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Potential competing interests: No potential competing interests to declare.

The manuscript is well-formulated and provides valuable insights. However, several areas require improvement for clarity and completeness. In the last paragraph of the introduction, you should clearly state the rationale for the study before presenting its aim. In the materials and methods section (which I suggest renaming to "Subjects and Methods"), there is some confusion about whether data were collected from mothers or parents. Additionally, it would be beneficial to mention if a pilot study was conducted and how the questionnaire was validated.

There are inconsistencies in the total number of participants reported. In Table 1, the total number varies between 217, 212, and 214, while in Table 3, the total should be 166, but for religion, it is listed as 167. In Table 3, you used a star symbol beside socioeconomic status but did not explain its meaning in the footnote. Moreover, reporting odds ratios and their associated 95% confidence intervals to three decimal places is unnecessary; one decimal place should suffice. Also, in the results section, the term "majority" is used incorrectly when referring to 39% of participants.

Regarding Figure 1, it is unclear and needs simplification for better understanding. For the limitations section, it is important to add that the cross-sectional design of the study cannot address causation. The statement under "sample size calculation" should be revised to use "sample size" instead of "samples." In the data analysis section, change "multivariate" to "multivariable," delete 'or' from "Fisher exact, as appropriate," and use "computed" or "calculated" instead of "analyzed" for odds ratios and confidence intervals. Please clarify how missing data were handled in the multivariable regression models. Additionally, using "children" consistently, rather than "child(ren)," would simplify the text.

In the discussion, summarize the main findings in the first paragraph before comparing them with other studies. Clarify terms like "U5 AGE" to avoid confusion. Mention both limitations and strengths of the study, explaining why the limitations do not diminish the study's value. Discussing how a high income is associated with lower knowledge would also add depth to the analysis. Lastly, the manuscript would benefit from minor grammatical corrections and improvements in phrasing throughout to enhance readability. Engaging a professional editor for final proofreading is recommended.