

# Review of: "Covid-19 vaccine uptake and its associated factors among rural households in The Gambia: a community-based cross-sectional study"

Amir Kabunga

Potential competing interests: No potential competing interests to declare.

Reviewer: Dr. Amir Kabunga

I am delighted to provide my insights on the article titled "Covid-19 vaccine prevalence and its associated factors among rural households in The Gambia: a community-based cross-sectional study." This is a pertinent and timely topic.

**Title:** The title is clear and concise, providing a brief overview of the study's focus. However, you may consider adding specific details about the rural context in The Gambia to make it more informative.

**Abstract:** The abstract provides a clear overview of the study, including the background, methods, results, and conclusion. However, it could be more concise. Consider condensing the information while maintaining clarity. Results are presented clearly, and the use of percentages enhances readability.

**Introduction:** The introduction provides a comprehensive background on the global and national context of the COVID-19 pandemic, establishing the relevance of the study.

Consider adding a sentence to explicitly state the research gap that this study aims to address. For example, you would like to see how to incorporate this study <https://riviste.unimi.it/index.php/ebph/article/view/20754> and how it is different from the present study. Ensure proper citation of sources, especially when presenting statistics or specific information related to COVID-19 and vaccination.

**Methodology:** The methodology is well-detailed and follows a logical sequence. Consider providing more information on the selection criteria for the four villages in each district and the rationale behind choosing these specific villages.

**Variables:** Clarify why certain variables, such as cigarette smoking, were included in the study, especially if they are not directly related to COVID-19 vaccine uptake.

**Data Collection:** Elaborate on how data collectors were trained to adhere to COVID-19 prevention protocols. This information could provide insights into the study's ethical considerations.

**Results:** The tables present information clearly, and the use of asterisks. Consider providing column headers for the adjusted odds ratios (aOR) in Table 2 to enhance clarity.

**Discussion:** The discussion effectively compares the study findings with those of other research, providing a broader

context for interpretation. Include more discussion on the potential reasons for the variations observed in vaccination prevalence compared to other studies.

**Strengths and Limitations:** The discussion of strengths and limitations is concise but informative. Consider adding a sentence about the potential impact of the study on vaccination strategies in The Gambia.

**Conclusion:** The conclusion effectively summarizes the main findings and emphasizes the need for targeted communication strategies. Consider adding a sentence that highlights the broader significance of the study's findings for public health efforts in The Gambia.