

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

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Potential competing interests: No potential competing interests to declare.

Overview and general recommendations:

The current manuscript, "[Covid-19 vaccine prevalence and its associated factors among rural households in The Gambia: a community-based cross-sectional study](#)", describes the assessment of prevalence and factors that contribute to Covid-19 vaccination uptake among rural residents in The Gambia's North Bank Region (NBR).

After carefully analyzing the above-mentioned article, which is in general well-structured, I recommend that the following comments should be considered;

Introduction:

- The authors should enrich this part, whether by making it more coherent or updating the literature. It is better to update the literature. I recommend some additional references such as:

* Balcha Masresha et al. The first year of COVID-19 vaccine roll-out in Africa: challenges and lessons learned. *Pan African Medical Journal*. 2022;41(2):2. 10.11604/pamj.supp.2022.41.2.33686

* Kalu ME, Oyinlola O, Ibekaku MC, Adandom II, Iwuagwu AO, Ezulike C, Nwachukwu EC, Uduonu E. A Mapping Review on the Uptake of the COVID-19 Vaccine among Adults in Africa Using the 5A's Vaccine Taxonomy. *Am J Trop Med Hyg*. 2022 May 9; 106(6):1688–97. doi: 10.4269/ajtmh.21-0515. Epub ahead of print. PMID: 35533697; PMCID: PMC9209920.

*Padonou, S.G.R.; Kakaï Glèlè, C.; Accrombessi, M.; Adegbite, B.R.; Dangbenon, E.; Bah, H.; Akogbeto, E.; Bah Chabi, A.I.; Kaucley, L.; Sourakatou, S.; et al. Assessment of COVID-19 Vaccine Acceptance and Its Associated Factors during the Crisis: A Community-Based Cross-Sectional Study in Benin. *Vaccines* **2023**, *11*, 1104. <https://doi.org/10.3390/vaccines11061104>

- It is also recommended to develop the contribution of the current work within the COVID-19 vaccination scenery in The Gambia.

Methodology (I recommend to improve some structures, below are a few examples)

Population subsection: I recommend replacing the phrase “The participants in the study were people aged 18 years and above living in the region.” with “The study’s participants were individuals aged 18 and above who resided in the area during the survey.”

Data analysis subsection:

I recommend further explaining this part:

- the method used to select the variables
- Did it only consider statistical significance?
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Discussion

- The introductory part of the discussion is missing

- It is recommended to compare with similar studies in Africa, for example (for example Padonou, S.G.R.; Kakaï Glèlè, C.; Accrombessi, M.; Adegbite, B.R.; Dangbenon, E.; Bah, H.; Akogbeto, E.; Bah Chabi, A.I.; Kaucley, L.; Sourakatou, S.; et al. Assessment of COVID-19 Vaccine Acceptance and Its Associated Factors during the Crisis: A Community-Based Cross-Sectional Study in Benin. *Vaccines* **2023**, *11*, 1104. <https://doi.org/10.3390/vaccines11061104>

Conclusion

It should be in coherence with the discussion.