

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

Désiré K. Mashinda¹

¹ Université Libre de Kinshasa

Potential competing interests: No potential competing interests to declare.

Abstract

The abstract seems too long (340 words): please reduce to 300 words maximum.

Background

Well written.

Methods

- Inclusion and exclusion criteria: Have you included in the study current residents without any conditions? Please explain the process. Why did you not exclude those who live less than 6 months?
- Sample size determination: The formula is more or equal to, not only equal. What's the design effect for this kind of study? You did not include the design effect in the sample size calculation?
- Sampling procedure: Why two respondents per household?? While people in the same household have similarities, this could affect the validity of your results.
- Study variables: Please add operational definitions of other independent variables, excluded socio-demographic variables.

- Data collection:

Please add more information:

Number of data collections

Duration of the survey

Quality control of data

Ethical considerations: Please add the reference of ethical clearance.

Results:

- In general: Please improve the way you comment on your results.
- Covid-19 vaccine uptake: Add 95% CI.

Table 2: Please show both crude and adjusted odds ratios

Discussion:

I am not sure about the comparison made in the first paragraph. Please take into account the 95% CI.

Please improve the discussion section by:

- Doing a comparison using 95% CI
- Explaining clearly the differences found
- Showing public health implications after the discussion of each key result.