

# Review of: "Factors influencing women's decision choosing a public or private health facility for tuberculosis (TB) services: An analysis of Nepal demographic and health survey data 2016"

Edmund Ossai<sup>1</sup>

<sup>1</sup> Ebonyi State University

Potential competing interests: No potential competing interests to declare.

## Review comments

### General comments

This is a very good analysis of a national population study which was well presented by the Authors. I commend the Authors for this great feat. I offer my suggestions on how to improve the quality of the manuscript before it could be published.

Authors should take note of the following observations.

I recommend a minor revision of the manuscript

### Abstract

#### Background

There is the need to include while stating the objectives of the study that this study is based on analysis of secondary data.

#### Methods

...., were used in the analysis instead of was

#### Results

Include the mean age

#### Conclusion

There is nothing in the abstract to justify the inclusion of quality TB services in the conclusion.

Include Nepal as a **key word**

## Background

The manuscript should be reviewed critically for minor errors of grammar.

In stating the objectives of the study, reference should be made to the Nepal Demographic and Health Survey.

## Independent variables

In determining women knowledge of tuberculosis, use percent scores to determine poor, fair and good knowledge of tuberculosis.

## Data analysis

Authors should state the basis for the inclusion of variables into the logistic regression model after bivariate analysis.

### Table 2

Use variable instead of characteristics and use frequency instead of number

### Table 3 Bivariate analysis

When applying bivariate analysis, the related odds ratio is Crude odds ratio unlike multivariate analysis where the odds ratio is known as Adjusted odds ratio.

I expected that the four age groups as displayed in table 2 should be recoded to three age groups during bivariate and multivariate analysis. In this regard, the two last age categories should be merged.

Authors should identify other variables that could be recoded in this manner.

### Table 4

What was the basis for the inclusion of variables into the logistic regression model after bivariate analysis?

## References

There may be the need to review the references used to include more recent references.