

# Review of: "Factors Associated with Contraceptive Use Among Migrant Female Head Porters in the Kumasi Metropolis"

Ann Kiragu<sup>1</sup>

<sup>1</sup> Université Paris Nord (Paris XIII)

Potential competing interests: No potential competing interests to declare.

Thanking the authors for the manuscript, " Factors Associated with Contraceptive Use Among Migrant Female Head Porters in the Kumasi Metropolis". The manuscript requires thorough revision. It can be given further consideration for publication should the authors be willing to revise it manuscript as follows:

- 1) Introduction, first paragraph: I suggest starting the paragraph with the problem (contraceptive use), giving some figures on the use globally and geographically, then action taken by the international community.
- 2) Introduction, is there any theoretical model that could guide the interpretation of the results? It could be interesting to review the literature to help identify factor contributing to contraceptive use.
- 3) Methods: The author needs to explain how the sample design and the sample size were determined. How many women were sampled? What was the response rate?
- 4) Methods: It could be interesting to have a paragraph on the quality of the primary data collected.
- 5) Methods: Bivariate analysis is a prerequisite to multivariate analysis. The authors need to conduct a bivariate analysis to study how the selected independent variables relate to the outcome variable, and therefore judge whether they might want to include them in the multivariate analyses.
- 6) Methods: Variables of the study need to be specified (dependent and independent)
- 7) Methods: "Data was organized in form of tables, charts...." There were no charts in the paper.
- 8) Results: Table 1 should present results of the univariate analysis, Table 2 results of the bivariate analysis with corresponding p values, and Table 3 of the multivariate analysis, with the odds ratio, 95% confidence interval and the corresponding p values. There is no need to present the coefficients.
- 9) Results: The results section should simply state the findings, without interpretation, and should be arranged in a logical sequence.
- 10) Discussion: Appropriate language should be used in a research paper. Words such as "beautiful" and "so-called" should be avoided.

11) Discussion: what were the limitations of this study? Is there any major bias that could influence the direction of the results? How did the authors deal with the bias, for example selection bias, bias due to the design, instrumentation, or other type of bias during analysis?