

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

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Potential competing interests: No potential competing interests to declare.

## Review comments

### General comments

The concept of this study is commendable as it is of relevance. The study has remarkable public health importance. Authors should however take note of the following observations.

It is important to point out that the outcome variable in this study was not defined and the result not presented in any form.

Authors should review the manuscript for mild errors of grammar.

### Title

Delete 'the' in the title and include Ghana after Kumasi metropolis

### Abstract

This should be a community based cross-sectional study using quantitative method of data collection.

Use of contraceptives and the proportion that used contraceptives were not included in the abstract.

The type of contraceptive used and the reason for that ought to have been included.

### Introduction

End this section by stating the objective of the study

### Data collection

It would have been good to know the gender of the research assistants

### Data analyses

Use IBM SPSS. Also write SPSS in full

The outcome variable was not distinctly defined and not presented in any form all through the manuscript.

What is the basis for including all variables straight into the binary logistic model including variables that have not been expressed or presented before then like ethnicity? So it could be said that there is no defined criteria for inclusion of variables in the model. Authors should explain why this approach was adopted.

Bivariate analysis using Chi square test should be included in the study.

Use adjusted odds ratio instead of odds ratio for binary logistic analysis.

For a sample size of 200, why include seven categories including others for ethnicity in the model? This should be reviewed.

### **Table 1**

Include (n=) sample size under frequency

Use Percent instead of Percentage

Present the mean age

NHIS status being active should be for n=128

Use statements and not questions in tables

Authors should use the narrative style to report the results.

Table 1 included more than the socio-demographic characteristics of the respondents and this should be reviewed.

### **Discussion**

There may be no need for discussing the socio-demographic characteristics of the respondents

The discussion focused almost entirely on the predictors. This is good but should also include the proportion of respondents that have used contraceptives before and other key variables.

### **Conclusion**

This should be reduced

### **References**

Ensure that references and referencing style conform to Journal guidelines.