

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

Mesfin Esayas Lelisho¹

¹ Mizan Tepi University

Potential competing interests: No potential competing interests to declare.

Title: Factors Associated with Contraceptive Use Among Migrant Female Head Porters in the Kumasi Metropolis

- In the term, "...analyzed using Multivariate Logistic Regression Model." However, it seems there is misunderstanding on multivariate and multivariable logistic regression."
- Multiple or multivariable logistic regression model finds the equation that best predicts the success value of the $\pi(x)=P(Y=1|X=x)$ binary response variable Y for the values of several X variables (predictors). On the other hand, multiple dependent variables—measures of multiple repeated observations j within cluster i —and a set of predictor variables (i.e, X_s) are examined. See <https://doi.org/10.1093/ntr/ntaa055> for more detail.
- "The study found ethnicity (AOR=7.250; CI=1.567-33.541), National Health Insurance subscription (AOR =0.395; CI=0.178-0.878),..." in this section it is not clear that which CI author constructed. Is it 90%, 95%, 99% or other? It is important to include confidence level.
- Also, in this section odds ratios are presented as adjusted odds ration but in result section of main text it is presented differently (i.e. just OR). It should be in the same fashion.
- Since there are only 200 participants were studied using cross-sectional study design, but it is not known that how much a population size is. How 200 participants selected.
- Strong inclusion exclusion criteria should be included.
- Limitation section also missing.