Reviewer's report

Title: Prevalence and correlates of contraceptive use among female adolescents in Ghana

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Reviewer: Kazuyo Machiyama

Reviewer's report:

The paper aims to examine factors associated with contraceptive use among adolescents in Ghana. It is an important topic especially in the fast changing country. The author competently analyzed the DHS data and present the results in a very coherent manner. It is very well-written. However, the study does not add new unique knowledge in the discipline. We already know that higher education, older age and marriage are positively associated with increased use of contraceptive use. The analysis is fairly descriptive. In order to publish a paper, the author needs to pose a unique research question or hypothesis which could add new knowledge in the discipline or make a policy or programme implications.

The minor point.
- Contraceptive prevalence of modern and traditional methods combined do not give us much information. It may be more interesting to assess the prevalence by type of methods, rather than estimating overall CPR, or scrutinize use of condom use which is often the most commonly used method among adolescents in sub-Saharan Africa.
- It would be helpful if you conduct chi-square test or present crude odds ratios in Table 1 to present associations between CPR and the determinants.
- The column on CPR Table 1 can be more clearly labelled.
- The author can clearly mention that you carried out multivariate analysis in the method section and Table 2.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests