Reviewer’s report

Title: Levels and determinants of completing the continuum of care for maternal and newborn health in Cambodia—evidence from a population-based survey

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Reviewer: Berhanu Tameru

Reviewer’s report:

1. In the abstract I did not see any inferential statistics except descriptive one! Why is the result not supported by inferential statistics as your objective is to infer from the survey about the country! “we analyzed data from the 2010 Cambodia Demographic and Health Survey (CDHS) to examine where the country stands ……”

2. The research question is not posed specifically. What specifically do you want to address! May be you need to re-write the last sentence of the background in the abstract.

3. The Data collection needs to be explained a little bit better, even if it is secondary data! The use of hierarchical regression is very good, however the reported result is not reflecting well the hierarchical structure, specially the multilevel nature of the data is not well explained. In the statistical analysis it will be easier for the reader to define and explain once again how the continuum of care is used (“in this analysis we apply a narrowed scope of continuum of care, focusing on women during the period from pregnancy to childbirth and after delivery.”).

You indicated that “We first examine unadjusted associations between use of maternal health services and explanatory variables based on Chi-square test.” Where is the result? You are using a hierarchical model, what is the structure for it?

4. Result section: In the second paragraph the sentence “Almost all women who delivered at a health facility were attended by a doctor, nurse or midwife” give a specific number (%) after almost. Delete Figure 2 and just write a sentence.

5. In the discussion section (page 9) The first three paragraphs are more of results than discussion. I suggest you re-write them or move them to the result section.

6. The ethics statement is a very serious thing and should be considered seriously! This research deals with Cambodia and I do not know its relation with Rwanda Demographic.
**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests.