Author’s response to reviews

Title: Magnitude and determinants for place of postnatal care utilization among mothers who delivered at home in Ethiopia: A multinomial analysis from the 2016 Ethiopian Demographic Health Survey.

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Author’s response to reviews:

Author’s Response to Reviewers

Title: Magnitude and determinants for place of postnatal care utilization among mothers delivered at home in Ethiopia: A multinomial analysis from 2016 Ethiopian Demographic Health Survey.

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Dear Dr. Vogel, dear reviewers:

First of all we authors want to thank for your constructive comments which helps us in enriching our manuscript accordingly. Here are our point by point responses so as to address the raised issues.

Response to reviewer # 1:

Question/comment 1: Many punctuation problems noted in the manuscript. Some of sentences are difficult to understand their meaning.

Response: Thank you, we tried to correct the punctuation problems as much as we can.

Question/comment 2: Used evidences from other countries (Ghana and India) to explain some facts about Ethiopia.

Response: Acceptable comment and this is corrected in the revised version of the manuscript.

Question/comment 3: Regional classification of the country (urban, agrarian, and pastoral) is less interesting and no more used by program people. For example, how come that Mekele, Bahirdar, Gondar, Dessie, Adama etc are considered as agrarian and Harari be an urban region? Response: Thank you for the comment but as we took the EDHS data, the better option to categorize region type is the one that we used. There is no separated data for the mentioned towns and cities. The EDHS data contains only regional data. That’s why we considered Harari region with the city administrations i.e. Addis Ababa and Drie-Dawa. This may have its own limitation as comparable cities with Harari are included in the agrarian regions.

Response: Accepted and corrected. Of course, we were tried to put some references after phrases so that to support ideas strongly. However; it is also possible to put references at the end of sentences or paragraphs in which the references are belonged to the concepts.
Question/comment 5: Need to clearly and correctly interpret AAAR results of less than 1. You used different parameters (ARRR and OR) to compare different variables, while you should use only either of them.

Response: Accepted comment and improvement is made. We restrict ourselves to AOR while we compare our variables.

Question/comment 6: Many inconsistencies on the figures noticed (e.g. you presented multiple figures for number of home deliveries).

Response: Acceptable comment. In the number for home delivered mothers in the methods and result sections was inconsistent due typing error and is corrected in the revised section of the manuscript. Thank you!

Question/comment 7: In your methodology section, you described that you selected those women who delivered in the last one year for your analysis. However, under your limitation of the study, what you mentioned about five years doesn't seem to give sense.

Response: No, in the methods section we did not select mothers who delivered in the last one year for analysis. Rather we selected mother who gave birth in the last five years and we only considered the last child in case of two more births in the last five year duration so as to reduce mixing up of information and minimize recall bias. Therefore, our methods and limitation of the study sections are not different.

Response to Reviewer # 2:

Question/comment 1: As "orthodox religion" is significant to the study findings - the term needs a brief explanation.

Response: Acceptable comment and is included in the revised section of the manuscript.

Question/comment 2: I suggest your proposed article is edited by a professional English language editor as there are grammatical and other errors that make the article a bit confusing and difficult to read. Eg. Line 98 "happening". Line 183 "good fitted". Eg. Line 108/109: what does "locally adaptive measure” mean?

Response: Accepted comment and we made intensive improvement on punctuations, spells and other grammatical issues.

Question/comment 3: Take care with the spacing between words eg. Line 117
Response: Accepted and corrected as much as possible.

Question/comment 4: I would like to suggest that you use tables/ graphs to show the quantititative data.

Response: If I understood your point, we already use tables and graph to show our quantititative data in case of need.

Question/comment 5: Please check your article for repetition.

Response: Thank you for consideration, we checked for any repetition. As of our knowledge there is no other study conducted in such a way from such huge data source.

Once again, we would like to thank editor and the reviewers for your efforts, encouraging comments and constructive criticism.

Sincerely yours,

Brhane Ayele (on behalf of the authors)