Reviewer’s report

Title: Syphilis and Human Immunodeficiency Virus infections among pregnant women attending antenatal care clinic of Gondar Family Guidance Association, northwest Ethiopia: Implication for prevention of mother to child transmission

Version: 1 Date: 12 Apr 2018

Reviewer: Mwumvaneza Mutagoma

Reviewer's report:

2. Methods section

There is no general and specific objective in this paper. The editorial team will appreciate the publishing guidelines in respected.

2.1. What was done to avoid duplication? For example if one pregnant woman came twice or more in different time? Explanation should appear in method section for subsequent reader.

Inclusion and exclusion criteria are needed. What about
  - consent form?
  - data collection process
  - questionnaire
  - blood sample draw

Those queries were not responded in the revised version.

3.1. The range is interval between two values. For instance 20-30:

3.2.1.53;95%CI [1.23-5.23]. Check if it is correct. 1.53 and 1.23 compared to 5.23. Probably it is not correct. In the revised manuscript, there is not trend analysis of HIV prevalence, there is no way to compare HIV prevalence of consecutive years.

3.3. 1.9%;95%CI [1-2]. 1.9% is very near the upper bound (2). Probably it is not correct. 95% CI should be carefully checked. There is no trend analysis of the prevalence of syphilis in Table 3. There is no way to compare this prevalence in consecutive years.

3.4. In the revised manuscript, there is not trend analysis of HIV prevalence, there is no way to compare HIV prevalence of consecutive years. Chi-2 for trends should appear on Figure 1.

4. A very short summary of findings does not appears starting the discussion section. It is up to the editorial board to appreciate.
Line 53 p9 "Significantly associated" without statistical test is inappropriate.

Line 16 p11 You stated previously that there is not significant decline. "(χ²=4.81, P-value=0.31) but no statistically significant difference over time in both cases."

P-values for trends should appear of the figure

**Level of interest**
Please indicate how interesting you found the manuscript:

An article of importance in its field

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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