Reviewer’s report

Title: Prevalence and associated factors of common mental disorders among adult patients attending HIV follow up service in Harar town, Eastern Ethiopia: A cross-sectional study

Version: 1 Date: 04 Nov 2018

Reviewer: Haruo Fujino

Reviewer’s report:

Thank you for the revisions in response to the comments.

I have reviewed Background and Methods sections of this manuscript.

Despite substantial improvement in clarity in revised manuscript, I still have some suggestions for the current form.

P5 Sample size determination

- "Final sample size with 10% response rate" would be "90% response rate".

P6 Variables

- Provide two or three short sentences to describe how they collected variables information. I think most variables were obtained from patient interview except several variables. Please clarify whether the data were obtained from patient input or record of the hospitals, which may affect the reliability of the variables (e.g., HIV/AIDS stage, CD4 counts, partner's sero-status).

- Also, clarify which variables were used as categorical (e.g., yes/no), ordinal, or numerical in statistical analysis.

P6 Analysis

- Analysis section needs more details.

- Clearly describe what analysis was conducted (e.g., Pearson's correlation) instead of "bivariate analysis" and "final multivariate analysis".

- Additionally, such an approach, i.e., variables associated with the target variable were included in multiple regression, is not desirable in multiple regression analysis. If I understand well, this exploratory nature of the analysis should be clearly indicated in Methods section and in Limitation section.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Unable to assess

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Unable to assess

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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

Needs some language corrections before being published

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