Reviewer's report

Title: Prevalence and risk factors of major depressive disorder in HIV/AIDS as seen in semi-urban Entebbe district, Uganda

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Reviewer: Limin Mao

Reviewer's report:

Overall, this paper highlights a very important and interesting finding that the key factors associated with major depression among people with HIV are mostly demographical, social and familial variables rather than HIV clinical markers. This finding, based on people with HIV in Africa, is very similar to reports from industrialised countries and hence, very informative for policy and practices to improve mental health among people living with HIV, and more broadly, people with chronic illness.

Major Compulsory Revisions:

1. Table 4, the logistic regression model: The equation should be further processed through a model reduction process. Often, a final reduced model only contains variables that were significant.

Minor Essential Revisions:

1. Tables 1-3: Adjusted OR should add a footnote claiming sex and age groups were controlled for.

2. fix the typo: 1st paragraph in the Study design section: "in order to under the interview process" should be “undertake” instead of "under”?

3. description of the sample: although CD4 count, one of the HIV clinical markers, was found not be associated with MDD. The authors should provide other details of participants' HIV infection history, eg., year of HIV diagnosis, proportion with a diagnosed AIDS disease etc.

Level of interest: An article of importance in its field

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