Reviewer’s report

Title: HIV serostatus and disclosure: implications for infant feeding practice in rural south Nyanza, Kenya

Version: 2 Date: 17 February 2014

Reviewer: Wilson Lo

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Major compulsory revision:

1. The manuscript could benefit from inclusion of a power calculation and how they researchers adjusted for the clustering, what assumptions were made, and how the results would be generalizable to other geographic areas/regions.

2. A better description of the model building strategy to the final logistic model. For example, have the researchers considered collinearity issue between HIV testing, HIV status, and PMTCT knowledge?

3. A better explanation of why the directions of ORs of HIV status/disclosure and postpartum mental health changed between adjusted and unadjusted would be helpful.

Minor essential revisions:

4. Counseling service quality was mentioned in the Discussion section. Was there an intention to include indicators on service quality in the model? If not, why?

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.