Reviewer's report

Title: Individual and Contextual Factors of Influence on Adherence to Antiretrovirals Among People Attending Public Clinics in Rio de Janeiro, Brazil

Version: 1 Date: 6 March 2013

Reviewer: Mariana Hacker

Reviewer's report:

Discretionary Revisions
1-One discussion of the study is the role of caretaking and number of children on adherence, it would be interesting to test if the association between adherence and number of children is heterogeneous according to gender categories.

-A Minor Essential Revisions
1-In the abstract, provide the period of study.
2- In methods section, explain about the recruitment process and the distribution of participants across the selected clinics.
3- In first paragraph of results, change the term “population” to participants or respondents.
4- In results, (2nd paragraph) it was said that adherence was significantly correlated with viral load, but the coefficient was 0.22. If it is a linear correlation, this value is considered low to show a correlation.
5- In last paragraph of page 9, rephrase the sentences: “Those with high social support were significant associated with adherence than those with low social support (AOR 2.85 CI [1.50-5.41]). Of the economic factors, having a high asset index was positively associated with adherence than a low index (AOR 2.47 CI [1.79-3.40]).”

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.