Reviewer's report

Title: Determinants of fertility in Rwanda in the context of a fertility transition: A secondary analysis of the 2010 Demographic and Health Survey

Version: 1 Date: 27 June 2014

Reviewer: James Ntozi

Reviewer's report:

- Minor Essential Revisions

1. Lines 146-147: Recategorize variables: Religion and Residence as socioeconomic not demographic variables. Province is geographic not demographic variable.

2. The headings of Tables 1 and 2 need changing to read: Percentage of ever married/cohabiting women by number of children and various characteristics.

- Discretionary Revisions

1. It may be better to merge ever married and cohabiting women with never married women and introduce the variable marital status of women for analysis.

2. It may be better to further disaggregate 4+ category to 4-5 and 6+, which is known as high fertility. 4-5 children is not considered high fertility in African setting with an average of 6 children.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.