Reviewer’s report

Title: Using the Theory of Planned Behavior to Explain Birth in Health Facility Intention among Expecting Couples in a Rural Setting Rukwa Tanzania: A Cross-sectional Survey

Version: 1 Date: 13 Oct 2019

Reviewer: Ali Montazeri

Reviewer's report:

This cross-sectional study aimed to explain intention for birth in health facility using the Theory of Planned Behavior among expecting couples in Rukwa, Tanzania. In general the paper reads well and might be of interest to those who have close concern on the topic. However, there are few problems that should be dealt with before its publication:

1. The questionnaire: Authors do not introduce the questionnaire adequately. For instance, the number of items for each domain or scoring procedure is not explained. How the authors indicated negative or positive subgroups. The authors also need either supplement the questionnaire or at least give an example of items for each domain.

2. Analysis: Since most participants were positive the number of respondents in negative subgroup is very small and this might introduce bias in results. This should be discussed. In addition using predictor might not be a correct word. It is better to use association instead. In addition one expect to see the positive group as reference and not the negative subgroup. This should be clarified. In fact I recommend reanalysis to see the odds for not intention for birth in health facility.

3. Based on the above recommendation the Methods, the Results and the Discussion should be revised.

Level of interest

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An article whose findings are important to those with closely related research interests

Quality of written English

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Acceptable
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