Reviewer's report

Title: Sexuality and contraceptive knowledge in university students: instrument development and psychometric analysis using item response theory.

Version: 0 Date: 14 Jun 2019

Reviewer: Sharon Ahumuza

Reviewer's report:

Abstract page 1 in results second sentence word as seem to be disrupting grammar, could be deleted.

Abstract page 1 in results second sentence word university level is not clear. Was this study done in one university so that it is mentioned or various universities?

Page 2 line 26 title "plain English summary" Is this introduction or ???? Heading not clear

Page 4 line 61 word as seem to be disrupting grammar, could be deleted.

Page 4 line 61 word university level is not clear. Was this study done in one university so that it is mentioned or various universities?

Page 8 line 135, the sentence could read well without word "first" at the beginning.

Page 8 line 136, 137 abbreviations should be first written in full at first time of usage.

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal