Reviewer’s report

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

Version: 0 Date: 11 Jul 2019

Reviewer: Farhat Malik

Reviewer's report:

Title; It must be rephrased to make it interesting and catchy.

Introduction; Lacks the details of validity types, their definitions to the reader for understanding and cut off limits to be appropriate to be included. Kindly add that.

Rationale is correct but rephrase it with strong words to give justification.

Methodology; Remove duplication in this section in main article as well as in abstract. Descriptive cross sectional observational study design can not be written; please be specific with the design.

Add the number of items before validation as well.

Ethical considerations must be given in a sentence if not in detail.

Experts were validating through which of the technique; kindly give the name and explain.

What is infit and outfit; no explanation in this section; do add that.

Tables; Must be clearly stating the frequencies and percentages (Table- 3).

Limitation in discussion section must highlight that present study is on learned people and why were ill literate ones not added, so it is one of the limitation.

Research Tool; Why it not included all family planning products for knowledge sake; was it not necessary?
**Level of interest**
Please indicate how interesting you found the manuscript:

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

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

Needs some language corrections before being published

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