Reviewer’s report

Title: Awareness of the abortion legislation among college students: Does sex of the student matter?

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Reviewer: Joshua Amo-Adjei

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Awareness of the abortion legislation among college students: Does sex of the student matter?

Author: Rames Adhikari

General comments
The paper sought to address an important public health issues. However, I have some few concerns I would expect the author to address.

Major revisions
Introduction
The major deficiency I find with the introduction is author’s failure to adequately justify why sex was used as the key explanatory variable. Why not any other variable but sex? This should be well explained, as it’s the foci of the study.

From 101-104; the author needs to provide literature to support his proposition about the potential relationship between knowledge of abortion law and safe abortion practices.

Methods
The author only mentions the number of colleges selected but the universe is not provided. How many are they? What was the basis for studying those used?

The modeling approach used is okay but the basis for modeling around sex needs explaining as mentioned earlier.

Results
Line 146 – different settings; Does the author mean spatial/geographical setting? If not, then you need to rephrase as it gives wrong impression.

Discussion looks good but the outstanding issue remains – the key proposition of the paper is not well captured making it difficult to get a full grasp of the paper. Why should sex matter?

Conclusion
Line 229 – I doubt very much if a 60% plus can be described as low. Against what? I feel it’s moderate but to say it’s low, I disagree.
Line 233 does not seem to have any connection with the paper. Kindly have a second look.

Minor essential corrections
The author needs to check his/her use of indefinite article “the”. In few areas, it’s misplaced.

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

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

Declaration of competing interests:
None declared