Reviewer's report

Title: Factors associated with menstrual cycle irregularity and menopause

Version: 0 Date: 01 Nov 2017

Reviewer: Tizta Tilahun

Reviewer's report:

Abstract

Method section, it is written as "We used a separate dataset to analyze the risk factors of menstrual cycle irregularity and menopause (pre- and postmenopausal women: n=4788 and 13 918, respectively)." Doesn't have the same connotation as 4788 samples were drawn from 13 918.

Method

The secondhand smoking is well defined, but measuring the people's exposure to smoke at home or in their workplaces or in the different public places is very difficult.

Measuring the level of stress from the response of respondents, which is not clinically proven. In that case, it is perceived level of stress.

Results

Explain the logical interpretation of the result: "High educational level was found to have a statistically significant relationship with regular menstruation". Make the same explanations for other findings too.

Figures and tables

The last figure - does not have a title- add the title so that the reader can understand the take-home easily.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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

Acceptable

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