Reviewer's report

Title: Determinants of cancer screening awareness and participation among Indonesian women

Version: 3 Date: 22 Jan 2018

Reviewer: Lindsay Forbes

Reviewer's report:

This paper is much improved. There are still some English errors and typos but these are now relatively minor.

I have a few minor comments otherwise.

The categorisation of physical activity is still not clear: how someone who did 2 vigorous activities in the last week plus 2 moderate activities could be categorised in both vigorously active and moderately active groups.

The sensitivity analysis in relation to blood pressure is now irrelevant.

In the results section about determinations of Pap smear participation, the authors should be clearer what is from the univariable and what from the multivariable analysis.

In the discussion, the part about 'regulations' for management of breast and cervical cancer is not very clear. Firstly, health promotion and screening are not usually considered to be 'management' of cancer, in particular for cervical screening, which is a preventive activity rather than to do with diagnosis and treatment, which is what 'management' means. Also, a 'regulation' is something compulsory - is what the Ministry of Health in Indonesia released compulsory for health services and the public?

There is a key limitation of the study that has not been discussed: the limitation and potential bias in the wording of the questions in the survey about 'Pap smear' and 'mammography'. Just because Indonesian women are not familiar with these terms does not mean that they do not know what the terms mean. Most women in the UK would not know what a 'pap smear' was, although nearly all would know what 'cervical screening' was, likewise a much smaller proportion would know what 'mammography' was than would know what 'breast screening' was. There would probably be a tendency for more educated than less educated women to know what a 'pap smear' and 'mammography' were, and this pattern would be less marked if the terms 'cervical screening' and 'breast screening' were used.
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?
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I am able to assess the statistics

Quality of written English
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Needs some language corrections before being published

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