Reviewer’s report

Title: Factors associated with secondhand smoke incursion into the homes of non-smoking residents in a multi-unit housing complex: a cross-sectional study in Seoul, Korea

Version: 1 Date: 07 Aug 2017

Reviewer: Jennifer Ibrahim

Reviewer's report:

The revisions to the manuscript appear to be responsive to the reviewers' requests. However, there remain a few grammatical and editorial issues that should be address prior to publication.

Specific Comments:
- P. 2 para 2 - "might be difficult to pass registration" - do you mean regulation?
- P.2 para 3 - Hong Kong is misspelled
- P.3 Text in red should start with "a previous study"
- P.4 The flow chart makes it easier to follow the sample.
- P.4 Text in red should end with "survey within the previous 12 months"
- P.5 Text in red is confusing and not grammatically correct
- P.6 As written, the ordinal categories are not mutually exclusive, 0 and less than or equal to 1 overlap." Do you mean, 0, 1, 2-4 and greater than 4?
- P.7 Text in red should start "Among residents" not "In residents." However, this sentence does not make sense.
- P.8-9 - The additional narrative on the results is helpful, but on the long side. I think this could be significantly shortened by highlighting the main points and not writing everything out. Also, rather than writing "score test" write out the actual symbol.
- P.10 "When the smoking rate was high, smokers were more likely to live at homes" - I do not understand what this means?
- P.12 I am not clear on why the paragraph in red was added as this seems like a restatement of the study findings, not really a discussion point.
- References- check abbreviations
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.

Unable to assess

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:

Needs some language corrections before being published

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