Reviewer's report

Title: The effect of smoke-free legislation on the mortality rate of acute myocardial infarction: a meta-analysis

Version: 1 Date: 25 Sep 2018

Reviewer: Timor Faber

Reviewer's report:

Thank you for your response and for re-submitting an updated version of your manuscript. Although I acknowledge the authors' effort to improve their manuscript, I am not convinced the manuscript is yet ready for publication due to the following reasons:

- There are still a number of grammatical mistakes and awkward English sentences both in the manuscript and additional files. This makes the article hard to read. Please consult a professional English editor to fully edit your work.
- As I mentioned in my previous comments, one of the most important steps when conducting a systematic review is the study search. Not only is your study search strategy quite limited, the most recent search of the literature was conducted a year ago. I believe the search strategy should be more comprehensive and should definitely be updated.
- You did not respond to my previous comment and suggestion: "8. Why did you not conduct meta-analyses of each study that had more than one effect estimate first, and then combined ten effects estimates from the ten different studies? Please try this and report how the results differ from the current meta-analyses."
- The terms 'quality' and 'risk of bias' are not interchangeable. Please make sure that throughout your manuscript you use terms consistently. Personally, I believe the risk of bias of the included studies is what matters.
- The study selection is described in too much detail in the manuscript. Please refer to the PRISMA flow chart and describe only the most important aspects of the study search and selection.
- Numbers up until 10 are sometimes spelled out and sometimes numbered. Legislation and legislations are used interchangeably. US and United States are both used in the forest plot. Please use consistent language throughout the manuscript.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors

No

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

No

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

No

**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 recommend additional statistical review

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

Not suitable for publication unless extensively edited

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