Reviewer's report

Title: Ideal cardiovascular health and the subclinical impairments of cardiovascular diseases: a cross-sectional study in central south China

Version: 1 Date: 22 Aug 2017

Reviewer: Anna Chu

Reviewer's report:

Thank you to the authors for their re-submission. Their responses to my comments are adequate, and I find Table 2 particularly informative in addressing the main research question.

However, if the manuscript is accepted for publication I strongly suggest editing beyond usual grammar by a native English speaker and clinician familiar with the clinical terms used in the paper to facilitate appropriate use of clinical terms, clarity and ease of reading. There are numerous instances where sentences should be reworded; particularly, but not limited to, the revised text.

Some other minor points:

1. Paragraph beginning on line 320 - Although the authors right note that the tendency of females to have better CVH profiles and a lower prevalence of subclinical disease markers than men may be attributable to various factors listed, what might explain the stronger association between CVH and subclinical disease? This paragraph would benefit from re-wording/re-organization for better understanding.

2. Line 109 - The addition of the unit conversion statement is confusing. Would the unit conversion be equally understood by simple inserting "equivalent to" in front of the '1 "Jin"' and '2 "Liang"'? e.g. ≥500 g (equivalent to 1 "Jin") vegetables and fruits/day; <100g (equivalent to 2 "Liang") red meat/day. Or, assuming 100g is equal to 2 "Liang", suggest re-wording the added text to "500g equals 1 "Jin" and 10 "Liang."

3. Line 290 - what is meant by "which had potential clinical cues"? Suggest deleting this phrase.

4. To distinguish between the tables in the main text and supplementary file, suggest indicating in the supplementary file tables that a 14 point CVH score is 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?
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:

Not suitable for publication unless extensively edited

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