Reviewer’s report

Title: Comparison of visceral, body fat indices and anthropometric measures in relation to chronic kidney disease among Chinese adults from a large scale cross-sectional study

Version: 0 Date: 15 Sep 2017

Reviewer: Clinton Colaco

Reviewer's report:

The paper needs to be extensively edited for flow of sentences and grammatical errors.

The premise of this research work needs to be better stated along with background research leading to this work. The authors need to clearly identify the gap in the literature that is being addressed by this work. It is not clear why it is important to find the ideal obesity index which is best associated with CKD. Does this have public health implications or implications at the level of clinical decision making or care delivery, or all of the above, and if so, what are these implications?

Methodological issues: Does the prevalence of CKD in the sample mirror that in the general population. Would request more detail on the use of the AUC and Youden index. Were the results from table 1 similar to what has been documented in prior research. In the limitations it was mentioned that CKD is impacted by physical activity and diet. However this also impacts body fat content. Are other comorbidities controlled for, particularly cardiovascular disease, which can impact both the independent and dependent variables. The authors needs to do a more comprehensive and coherent job of discussing confounding factors. Were differences between the various counties/ geographic regions considered, given the stratification, and if not, why so?. How were they adjusted for in the analyses.

The implications of the findings from this study for clinical practice or public health or future research needs to be clearly stated.

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.

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 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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