Reviewer’s report

Title: Urban-rural-specific trend in prevalence of general and central obesity, and association with hypertension in Chinese adults, aged 18-65 years

Version: 3 Date: 10 Nov 2018

Reviewer: Jianming Wang

Reviewer's report:

In the part of Method, it's better to clearly describe that this study used the public database rather than the authors' original research.

In the part of Abstract, you mentioned "Participants with both central and general obesity had the highest risk for incident hypertension from normal…". Due to the limitation of the cross-sectional study design, you can't get the incidence of hypertension. Also, you should be cautious to perform causal inference based on the cross-sectional survey.

In the figure, you describe the horizontal coordinates as "Mean Waist circumference (WC) " and "Mean Body Mass Index (BMI)". In fact, the plots showed the distribution of WC or BMI rather than the mean.

Multiple language errors should be corrected before publication. For example,

METHODS:

Line 29-34, "In each province, counties and cities were stratified by income (low, middle and high), four counties and two cities were randomly selected by a weighted sampling scheme."

Line 37, "20 households all household members were randomly selected…"

Line 23-24, "BMI ≥ 28 kg/m2 that recommended to…"

…

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.

Unable to assess

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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