Reviewer’s report

Title: Cross-sectional study of associations between normal body weight with central obesity and hyperuricemia in Japan

Version: 1  Date: 16 Nov 2019

Reviewer: Muhammad Sajid Hamid Akash

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

The manuscript describes the Cross-sectional study of associations between normal body weight with central obesity and hyperuricemia in Japan. Authors are highly appreciated for a valid research design. Your research is very impressive but there are some drawbacks that should be addressed which are as follows:

1. According to my suggestion, there is a need to define hyperuricemia in relation to increase uric acid level either by overproduction or due to decrease secretion.
2. Secondly, weight is very important clinical indicator in order to determine hyperuricemia. Either researcher observe these weight variation throughout research in an individual because weight loss is not a simple nor uniform, matter in different person.
3. These researcher should uncover the relationship between uric acid and obesity by describing in a comprehensive way how pathophysiology of obesity influence the uric acid metabolism (Either production and secretion).
4. In discussion section of your manuscript, you should need to elaborate your result in a summarized form related to other factors that are used for biochemical analysis.

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

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

None

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal