Reviewer’s report

Title: A secondary analysis examining the concordance of self-perception of weight and actual measurement of body fat percentage: The CRONICAS Cohort Study

Version: 0 Date: 28 Mar 2018

Reviewer: Giridhara R Babu

Reviewer's report:

The perception of weight as low weight, normal and overweight or obese varies across different culture. The authors used need to discuss regarding how development of a culturally relevant perception of body weight instrument could have or could not have changed their results/inference?

Apart from the statistical tests provided in the study, it is worthwhile to explore their data to examine cultural relevance, which can suggesting whether the objective measure ignored the perception of body weight based on the cultural preferences.

The authors need to explore or explain the role of intellectual disability, positive or negative illusory bias in the self-perception of weight.

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

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

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

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.

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