Reviewer’s report

Title: Concordance between estimates of acute malnutrition measured by weight-for-height and by mid-upper arm circumference after age adjustment: population-representative surveys from humanitarian settings

Version: 0 Date: 05 Jun 2019

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses a testable research question(s) (brief or other article types: is there a clear objective)?

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with technical rigor to allow confidence in the results?

Yes - experiments and analyses were performed appropriately

STATISTICS - Is the use of statistics in the manuscript appropriate?

Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

Yes - the author's interpretation is reasonable
OVERALL MANUSCRIPT POTENTIAL - Is the current version of this work technically sound? If not, can revisions be made to make the work technically sound?

Yes - current version is technically sound

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: Extremely well written paper and high quality data analysis. Very interesting.

This paper is very clear in regards to the aim of the study and the methods used to address the research questions. I feel the methods is extremely detailed and from my knowledge is done appropriately. The population is large and from how it is described, extremely diverse. The results are well documented in both text and figures/tables. The only detail I feel is missing is for Table 2 when there is an indication that a model was "adjusted". The authors need to document the variables added to the "adjusted" model and if the "adjusted" model is different than the first, unadjusted or base model, these findings need to be further discussed in the discussion. In general, I was very impressed with this study, the population used, the methods, and how the paper was clearly presented.

ADDITIONAL REQUESTS/SUGGESTIONS:

I was unclear what "adjustment" was made for Table 2. Please add the variables that were included in the "adjusted" model.

Note: This reviewer report can be downloaded - see attached pdf file.

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:
Acceptable

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

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