Reviewer’s report

Title: Reliability of routinely collected anthropometric measurements in primary care

Version: 0 Date: 11 Feb 2019

Reviewer: Catherine M. Crespi

Reviewer’s report:

1. The paper is clearly written and the data are analyzed appropriately. My main concern is that there are important limitations that are not acknowledged and that may result in the reliability of the measurements being optimistic.

2. PCP staff knew they were being observed and may have altered their behavior. Thus their measurements may not reflect their typical accuracy.

3. The sample is described as a convenience sample. How were participants selected? There is concern that there could have been sampling bias, e.g., the researchers conscientiously or unconscientiously selected children who would be easier to measure (e.g., calmer).

4. Only 5.7% were overweight (BMIz>2). Thus these results may not be fully generalizable to overweight/obese children. This is a very important limitation.

5. Page 9: states that relative TEM for weight declined as child age increased, but the opposite is true.

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

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