Reviewer’s report

Title: Anthropometric and clinical correlates of fat mass in healthy term infants at 6 months of age.

Version: 1 Date: 15 Dec 2018

Reviewer: Elisabet Forsum

Reviewer's report:

General

The paper is based on reporting of correlations. An important problem with correlations is that they are very much influenced by the material in which the data are collected. This should be discussed.

Abstract

The conclusion "Type of feeding and sex should be taken into account when assessing FM in this age group." is quite vague. A reader would want to know why this is needed and how it should be done.

Lines 145-6

I assume these values are at birth but this should be clearly stated. And I think that too many digits are given.

Discussion

This section is too long and contains many unclear statements.

Lines 172-3

This is unclear to me.
Lines 177-9

It is unclear what the authors have in mind. Please explain and describe the requirements needed to make this happen.

Lines 188-9

Unclear statement.

237-8

Unclear statement

References

The number of references is very high. Several of them could probably be removed.

Table 1

I think infant length at 6 months should be added.

Table 2

You do not have to show both FM % and FFM % since they are the same.
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 recommend additional statistical review

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