Reviewer’s report

Title: Maternal iodine status during lactation and infant weight and length in Henan Province, China

Version: 1 Date: 01 May 2016

Reviewer: Akhgar Ghassabian

Reviewer's report:

The authors addressed the comments and the manuscript has approved considerably. I have a few minor comments.

1. The authors are strongly suggested to review the manuscript for the inappropriate use of "growth" and "impact" and to consider replacing them with "anthropometric measures" and "association". A few examples are: page 5, two sub-headings, on line 180 and 190; or page 8, line 284.

2. Please refer to the cross-sectional design of the study in the limitation section, and that no inference regarding the causality of this association, or the "impact" of maternal iodine levels in lactating women can be made.

3. Please delete "its impact on" from the title as it may suggest a causal association.

4. In the introduction, reference 20 and the comparison made are irrelevant and also the limitation mentioned (not considering for genetic factors) is not related to a trial. Please consider removing it.

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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