Reviewer’s report

Title: Prevalence of Anemia and Associated Risk Factors among Children in Northwestern Uganda: A Cross Sectional Study

Version: 2 Date: 27 Mar 2017

Reviewer: Lewis Hsu

Reviewer's report:

The authors have responded to most of the critiques, and these revisions strengthened the paper or explained the limitations.

Major critique: As previously recommended by Review #1, please add a paragraph to the METHODS section to summarize the statistical methods. The sentences currently found in the Methods, Results, and Discussion should be consolidated in this section.

e.g. Data were analyzed using Stata version 12 (Stata Corp, Texas) is in the Abstract line 33.

e.g. Z-scores were calculated on the basis of CDC/WHO 1978 reference using Epi Info version 3.3.2 is Methods lines 102-105.

e.g. Significant growth impairment was defined as Z-score < -2SD (stunted growth, underweight, wasting) is in lines 157-158.

e.g. Factors associated with anaemia were analyzed in bivariate analysis using ____ odds ratio, Pearson chi-square test, etc. ___ in lines 164-190 and Table 4.

e.g. Multivariate analysis was performed using ____ Table 5.

e.g. Additional correlation of household size and income was analyzed using Pearson chi-square test. lines 254-255.

Minor critiques:

1. The anaemia threshold should be stated in the Methods section in the paragraph lines 106-110, rather than postponed until the Results lines 152-153 (Hb<11g/dL for age 1-5y Hb < 11.5 g/dL for age 6-11y and Hb<12 g/dL for age 12-14y).

2. Punctuation sometimes is confusing: lines 39, 72-73, 168, 179, 268
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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:

Needs some language corrections before being published

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