Reviewer’s report

Title: Determinants of stunting and severe stunting among Burundian children aged 6-23 months: evidence from a national cross-sectional household survey, 2014.

Version: 0 Date: 09 Feb 2017

Reviewer: M Azage

Reviewer's report:

I reviewed the manuscript on Determinants of stunting and severe stunting among Burundian children aged 6-23 months: evidence from a national cross-sectional household survey which is submitted at BMC pediatrics. The content of the manuscript reflects the scope of the Journal since the study identifies important determinants of stunting and severely stunting. However, this manuscript should address the comments that I stated below before publication

Major comments

* The sampling technique is multistage sampling which is very complex. Thus, the statistical analyses do not account for complex sampling. Without controlling for complex sampling, identify predictors of stunting may have bias in parameter estimation which provides incorrect standard error. Thus, after considering this analysis the results should be modified accordingly

* In results section there are results of correlation which are not specified in data analysis section. What is the reason for choosing this correlation statistics

* Odds ratios are interpreted like relative risk or risk ratios which are not actually the same message. Thus, they should be corrected and consistent throughout the document.

Minor comments

* The study was conducted among children aged between 6 to 23 months but the objective stated in abstract section stated among children under-five years of age

* In Introduction section, purpose of the study is not stated.

* Other comments are indicated in the document
Table 4 should have number of defendant vs independent variable

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.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

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

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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