Reviewer’s report

Title: Adolescent pregnancy and linear growth of infants: A birth cohort study in rural Ethiopia

Version: 1 Date: 26 Nov 2018

Reviewer: Albert Koulman

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Comments on NUTJ-D-18-00304R1

This paper focusses on an important factor in infant growth and in maternal age impacts on the growth of infants in LIMC.

My major problem with this manuscript is the too over emphasis on the p-value of 0.05 as being significant. Table 2 shows that the authors associated 29 different variables with linear growth. In that case a Bonferroni corrected p-value of 0.0015 as significance threshold would be more convincing. I would therefore urge the authors to remove the word "significant" from the conclusion as well as from the rest of the text for p-values that are <0.05 and >0.0015.

It would also be good to report what the results were for the other statistical models as mentioned in the methods "A quadratic term of time was considered in the model to capture the nonlinear change in the growth curve. The use of other possible models using polynomial and spline functions of time were also considered for a better fitting model by comparing the AIC and BIC estimates of model performance." This can be placed in the suppl info. This will reduce the impression of over-interpreting the data.

The term "baseline" in this manuscript is unclear, it is better to give the age of the infant

Level of interest
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An article of importance in its field

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

Not suitable for publication unless extensively edited
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