Reviewer’s report

Title: Understanding the complex determinants of linear growth and adiposity in disadvantaged day-care preschoolers in Salvador, NE Brazil through structural equation modelling

Version: Date: 15 January 2015

Reviewer: Pedro Pisa

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Title: Understanding the complex determinants of linear growth and adiposity in disadvantaged day-care preschoolers in Salvador, NE Brazil through structural equation modelling

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Review of manuscript

This follow up analysis to further understand, both direct and underlying determinants and/or predictors for BMI in preschoolers is important and relevant. There is also a marked public health problem of malnutrition among this age group in Brazil. Thus, the current study is very relevant to public health and very welcome to inform for future implementation programs with the primary objective to tackle child malnutrition and parasitic infection as highlighted by the findings.

Decision: Accept: following very minor revisions indicated below:

I have the following minor observations that need to be taken care of to revise the article:

(1) More careful editing of the introduction and methods sections, for clarity and further brevity

The rest of the corrections are by section

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

No competing interests are declared