Reviewer’s report

Title: Individual and Community Level Determinants of Childhood Full Immunization in Ethiopia: A Multilevel Analysis

Version: 6 Date: 19 June 2015

Reviewer: Chiara de Waure

Reviewer’s report:

I thank the Authors for their effort to address my comments. Notwithstanding, three major concerns are still remaining:

- When Authors speak about the final data set, they refer to two criteria. One of them is the age of child. This is surprising since the study population was represented by mothers having at least one child from 12 to 59 months of age. Hence, it is not clear to me why Authors refer to age criterion.

- Missing data are not dealt with in an appropriate way. In the point by point answers sheet Authors declared to exclude observations having missing data. Notwithstanding, as also reported by the same Authors in tables, there are observations with missing data. Please, clarify this point.

- In my opinion, clarifications should be provided with respect to the sentence “The number of under five years children in the households was also a significant predictor of childhood immunization; as the number of under five years children in the household increases the chance of the last child to be fully vaccinated decreases”. The Authors refer to the vaccination status of the last child but this point arises only in discussion. Which was the outcome of the study? The vaccination status of the last child only or the vaccination status of all children in the families? This should be made clear.

Furthermore and finally, I would recommend a careful editing of the text because of the great amount of misspelling and punctuation mistakes.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests