Reviewer's report

Title: Predictors of Oral Rehydration Therapy use among under-five children with diarrhea in Eastern Ethiopia: A community based case control study

Version: 2 Date: 30 September 2012

Reviewer: Fessahaye Tesfamichael

Reviewer's report:

Minor essential revisions

General comment
1. The term ‘caretaker’ is still present in several places in the manuscript. Use find and replace tool to make sure all occurrences of the term are changed.

Methods
1. Second paragraph: what is the rationale to take OR of 1.74 in the calculation of sample size? Indicate in the manuscript.

2. Eighth paragraph: You have replied to the comment regarding use of mean score as cut off point by stating that the mean is appropriate for data that is normally distributed. You are right, the mean is preferred for summarizing normally distributed data. But the comment was not about summarizing the data but about categorizing the data into two or more groups. If the distribution of knowledge score is unimodal you have categorize the data into three as 'poor/low level', 'moderate' and 'good/high level'.

3. The paragraph before the last: rather than standard error compute variance inflation factor which is an indicator of how much of the inflation of the standard error could be caused by collinearity.

Results
4. First paragraph, third statement: the comment given on the previous version of the manuscript is not accommodated. You cannot simply put numbers after the noun which they describe. You should restate the expressions in such a way that the number precedes the noun it refers to or use translational words like ‘account for’ ‘comprise of’. Revise the whole results accordingly.

Discussion
5. The paragraph before the last one: the explanation given in last statement for the inconsistency of findings regarding association with educational status is not convincing. As long as valid statistical tests are computed in comparing the proportions, the higher proportion of illiterate caregivers couldn't be a reason for absence of association in this study but not in others.

Level of interest: An article of importance in its field
**Quality of written English:** Needs some language corrections before being published

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

**Declaration of competing interests:**

I declare that I have no competing interests.