Reviewer's report

**Title:** Risk factors of diarrheal disease in under-five children among health extension model and non-model families in Sheko district rural community, Southwest Ethiopia

**Version:** 2 **Date:** 26 June 2013

**Reviewer:** Aderaw Anteneh

**Reviewer's report:**

**Major Compulsory Revisions**

The authors tried to determine risk factors of diarrhoeal disease in under-five children among health extension model and non-model families which is a very important area as it is directly related to one of the MDG goals. However this paper lacks depth of research to contribute in the field of study. Therefore needs major revision before getting to be published.

1. In the introduction part state the health situation of under-five children in Ethiopia more clearly.

2. The major weakness of this work is on the discussion part where it is a repetitive of the result. Therefore the discussion lacks depth; the authors tried to discuss their results simply by comparing with other results. Though their motivation to compare with other previous results is a good effort; comparing the result with other previous studies and saying “consistent with....” or “inconsistent with....” is not enough. The authors should try to justify why consistent with or why inconsistent with previous studies. Discussing a result is not only comparing with previous studies. Try to discuss your results more deeply and clearly based on the context of the study area. The discussion would also be strong if the authors refer different literatures for each result to discuss it. Therefore, this needs a major revision.

**Minor Essential Revisions**

Try to define local words like: kebele, dega, woyina dega, kolla

**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