Reviewer's report

Title: The association between travel time to health facilities and childhood vaccine coverage in rural Ethiopia. A community based cross sectional study.

Version: 2 Date: 26 March 2012

Reviewer: Olumuyiwa Odusanya

Reviewer's report:

Subject scope: The paper address an important aspect of immunization and may be of use in siting of static health facilities and the need for mobile clinics to be used to reach remote communities.
The subject is well defined and the research questions are clear.
The language of writing is acceptable. There is no need to request for further statistical review.

Major revisions
The authors should show if the study population did not change location in the last five years and what steps they took to adjust/ control for this.
The validations of the various speeds for different movements, walking through water bodies should be shown.
The locations of the various kebeles (7) to the health facility should be shown and the average distance be used since the primary outcome of the study was the effect of distance on immunization.

Minor revision
The type of random selection method should be stated.

Abstract.
The methods should be more specific about methods of selection of the participants. The statistical test for the association and the p value should be stated.
Overall the paper is well written and the limitations discussed

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.