Reviewer’s report

Title: Routine health information system utilization and factors associated thereof among health workers at government health institutions in East Gojjam Zone, Northwest Ethiopia

Version: 0 Date: 24 Mar 2017

Reviewer: Giuseppe Fico

Reviewer's report:

The manuscript needs substantial improvement mainly in the methods section and on the consequent presentations of results and discussion.

Details

Overall, throughout the manuscript there are too many typos (e.g. words not separated by spaces). A substantial review is needed.

Introduction

A definition of "Routine Health Information System", a concept that is repeated throughout the manuscript is needed.

- Data collection tool and procedure: there is not a clear description of the tools used. At page 5, line 2, it is written that "using pretested structured questionnaire": which questionnaire are you referring to? Is it a validated questionnaire? Details and justification are needed

- Operational definition and study variables: there is not a clear and solid description of the outcome variable. What type of definition of a HIMS used, it is definition taken from an existing, known and reliable reference?

- Data processing and Analysis: pag. 5 line 30, "The logistic regression model was used in the process": used for what?? Page 6 line 2-3 "A p-value of less [...] was considered statistically significant": significant for what???

Results: Reference to tables are missing.
The discussion can be considered acceptable, but it highly depends on a revised version of the methodology and a corresponding comparison with the same methods used in similar or other studies to be added in the discussion section.

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

No

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Unable to assess

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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