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:** 20 Mar 2017

**Reviewer:** Ping Yu

**Reviewer's report:**

This is an important study that was aimed to identify the factors influencing usage of data in health information system. It identifies the deficit of under-utilisation of health data and unveils its reasons. The cross-sectional survey covered 635 health workers, relatively representative. The statistical analysis was right.

The paper needs substantial improvement in English language. Further information needs to be given about the study design, conduct, etc. The specific aspects that need to be improved are listed below:

1. Poor presentation. In the abstract section, there are many instances that two words were not separate by a space. For example, the first sentence in the Methods section: "An institution based cross-sectional study …" Such careless presentation prevails in the article and significantly undermines its professionalism.

2. Page 3. Line 5. "at all levels of the health system(1-4)." Need a space between the word and the reference. Again such poor presentation prevails in the paper. Suggest to carefully read the articles published in BMC Medical Informatics and Decision Making to learn its presentation style and apply the style to the whole article.

3. Page 4 Line 52. "All health workers in the selected health facilities were included in the study". Then what is the response rate? Did everyone respond to the questionnaire survey? Please clarify.

4. Page 5. Line 27-29 "The outcome variable, routine health information system utilization was measured through the basic definition of health information system". Tell the reader explicitly the definitions of these measurement units in this study so as to eliminate ambiguity.

5. Page 7 Line 20-21. What is the rationale for including the variables with a p-value of less than 0.2 to multivariable logistic regression analysis.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

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

Yes

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 am able to assess the statistics

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

Not suitable for publication unless extensively edited

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