Reviewer’s report

Title: Application of latent class analysis in assessing the competency of physicians in China.

Version: 0 Date: 22 Oct 2016

Reviewer: Tarig Merghani

Reviewer’s report:

My comments:

Manuscript Number: MEED-D-16-00512

General comments:

The study describes the application of latent class analysis in assessing the competency of physicians. The article is well written. The introduction and the discussion are convincing. The methods are fair and the results are well presented.

Specific comments:

1- The authors didn't mention the gender, age, or duration of experience of the participants. Do these factors, especially duration of experience, affect physicians' competency? Is it possible to include mean years of experience for each class?

2- Explain why only 15 top items, out of 105 total items, were selected. Was it possible to select higher number of items, or to select top items of each aspect of the questionnaire?

3- Review of the (structural equation model) needs an expert statistician.

Minor correction:

- In conclusions, line 56: The word hospital is repeated.

Regards

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 recommend additional statistical review

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

Acceptable

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