Reviewer’s report

Title: The Chinese version of Attitudes towards guidelines scale: Validity and reliability assessment

Version: 1 Date: 01 Nov 2018

Reviewer: Constance Mara

Reviewer’s report:

Thank you for the chance to review a revision of this manuscript. This version was a good improvement over the previous version and the authors were responsive to the reviewer comments.

I think the results look better - The methods were greatly improved and the presentation is much clearer. I would like to note that the fit of the 4-factor CFA solution presented on pages 7-8 is actually acceptable (you currently say it wasn't good). The additional modifications resulted in excellent fit.

I am a little confused about the process in the EFA and then the model you tested in the CFA. For example, it says you deleted 3 items in the EFA to improve the 4 factor model, but it looks like the CFA is still run with all 14 items? Also Table 2 - it isn't clear what the final item set was for the 4 factor, after deleting the 3 items? Maybe providing figures of each of the models tested would help.

I have one other major concern. Your results indicate that the measure is composed of 4 subscales (i.e., 4 different scores). However, the follow-up results and the description of the measure indicate that you obtain a total score of all the items. Did you try to fit a unidimensional model (so 1-factor only)? Or perhaps a bi-factor model might be appropriate here? Talking about scoring the whole scale as a single value and presenting reliability indexes for a total score means that you are assuming all the items taken together measure a single underlying construct, but I don't see the evidence of that in the paper. As it stands - you results indicate that there ought to be 4 scores, and results on reliability should be presented for all 4. Or, if you find a unidimensional or bifactor model works best, then a total score would be appropriate.

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.

No

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

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