Reviewer’s report

Title: Psychometric properties and population norms of the Positive Mental Health instrument in a representative multi-ethnic Asian population

Version: 0 Date: 18 Dec 2017

Reviewer: Teresa Lluch-Canut

Reviewer’s report:

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Please overwrite this text when adding your comments to the authors.

The article is interesting.

Provides knowledge about a positive mental health assessment instrument. And it helps to increase the psychometric properties of that instrument.

The background is well written. But it is missing some current references in relation to positive mental health. In the European population there is the Positive Mental Health Questionnaire of Lluch (1999) and some very relevant studies that are not mentioned and that should be introduced. This is important because it seems that the positive mental health questionnaire presented in the study is the only one that exists in the world. Is not true. It is necessary to add other bibliographic references of articles published in journals indexed in JCR and Scopus in English language (easy to locate). The same thing happens in the discussion (page 14 line 44). Other relevant studies of reference are missing.


On page 5, enter the aims within the method section. I believe that the aims should be at the end of the background section.

It is not clear on what date the SH-2 study was conducted

There is talk of a study with a "large representative sample". I believe that 1925 subjects is an acceptable sample to elaborate psychometric tests but very reduced to draw conclusions about a population. Therefore, I recommend removing the term "large" and replacing it with a less ambitious one (In the title and in the different sections of the article where that expression is used).

The tables are clear. But the normative values that are provided have very simple measures (mean and deviation). It would be interesting to provide normative values from percentiles, to have a greater ease of comparison with future studies.

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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