Reviewer’s report

Title: Evaluation of the Korean Version of the Self-assessment of Nursing Informatics Competencies Scale

Version: 1 Date: 05 Sep 2019

Reviewer: Angelo Dante

Reviewer's report:

I revised this interesting manuscript. In general, I think that it is consistent and well written. The main criteria for scale validation have been respected.

To refine your work please evaluate the opportunity to consider my suggestions.

After reading your work and considering your sample, it is not completely clear why the Korean version of SANICS should be applied in clinical settings (see your study aims). Maybe you intended 'nursing field'? or 'nursing educational field'?

I agree with you when you stated 'This is a methodological study to verify the reliability and validity of the K-SANICS' but your study is 'multicentric cross-sectional' in nature. I think you should highlight this.

Page 15 line 4-9 I think there are some redundant information (see informed consent)

Table 1. please check the use of decimals

Page 17 line 35. Please use appropriate symbol for Chi-square test

I'm not sure that your subgroup analysis really explores the criterion validity since this latter is an estimate of the extent to which a measure agrees with a gold standard. I think that you can report 'factors associated' instead 'criterion validity' or better specify using adequate references for your data analysis technique to explore criterion validity.
As you stated in discussion section (see '…exposure to nursing informatics in the course can affect the attitudes and knowledge of nursing students…') some scores could vary during the nursing student's pathway. So, I think that the lack of stability test for K-SANICS (test-retest) is a study limit you should highlight.

Finally, what do you think about confirmative factor analysis for future research in Korea?

Thank you.

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.

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 am able to assess the statistics

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