Reviewer’s report

Title: Validity and Reliability of the Greek Version of Implementation Leadership Scale (ILS)

Version: 0 Date: 25 Feb 2020

Reviewer: Research Square Reviewer 1

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses a testable research question(s) (brief or other article types: is there a clear objective)?

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with technical rigor to allow confidence in the results?

No - there are minor issues

STATISTICS - Is the use of statistics in the manuscript appropriate?

No - there are issues with the statistics in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

No - there are minor issues

OVERALL MANUSCRIPT POTENTIAL - Is the current version of this work technically sound? If not, can revisions be made to make the work technically sound?

Probably - with minor revisions
PEER REVIEWER COMMENTS:

GENERAL COMMENTS:

* The researchers utilised well-established methodological approaches for translation, adaptation and psychometric validation of measurement scales

* Relatively high response rate (89.38%) for a study of this nature is commendable

REQUESTED REVISIONS:

* The Abstract should be revised so as to accurately and concisely summarise the results of the Confirmatory Factor Analyses that is the goodness-of-fit indices.

* Provide a figure of flow diagram presenting the steps that were followed for the translation, adaptation and psychometric validation

* The authors should consider provide details of Face and Content Validity from the results of the pilot testing that was conducted by 9 volunteer participants

* In Table 2 please provide values of Communality and Cronbach's alpha if item deleted- for each of the items - these can be obtained from the SPSS output

* Acceptable internal consistency is indicated by a Cronbach's alpha of around 0.70 (DeVellis, 2011), the reported results range from 0.85 to 0.94 for the subscales while for the total scale. These high values can be indicative of may suggest redundancies and unidimensionality. This should be noted in the paper and acknowledged as a limitation or area of future research

* Path diagram with standardised factor loading of the 12 item four-factor structure of the Greek Version of Implementation Leadership Scale (ILS).- this can be obtained from the AMOS output

ADDITIONAL REQUESTS/SUGGESTIONS:

no

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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

No
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

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

Acceptable

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