Reviewer’s report

Title: THE ITALIAN VERSION OF THE CRANIOFACIAL PAIN AND DISABILITY INVENTORY IN PATIENTS WITH CHRONIC TEMPOROMANDIBULAR JOINT DISORDERS. Cross-cultural adaptation, reliability and validity

Version: 0 Date: 16 Oct 2018

Reviewer: Alfonso Gil-Martinez

Reviewer's report:

First, I would like to congratulate the authors of this article because is an interesting work in the field of Temporomandibular joint disorders. However, I have major considerations and recommendations for authors.

ABSTRACT

As I see it, Pearson’s correlations should be accompanied by p-values in the abstract.

INTRODUCTION

It is a very weak introduction. The background and justify are almost inexistent. It seems a summary of original version included statistics data which could be deleted.

METHOD

One of the most important procedures in these designs are the Factorial Analyses (and Scree plot). This a is very important element to be considered for publication and it is needs to be included. That implies re-write results and discussion according Factorial Analyses.

Can you explain why Migraine Disability Assessment Score Questionnaire (MIDAS) has been used in this work? The authors have included headaches in general.

In sample size. Can you explain deeper why 10 patients per item are involved?

RESULTS

In general, results are very poor in Scale properties. This section must be developed in detail and showing specific data of the most important results.

Should be adapted to Factorial Analyses. Why do you suppose that Italian version present 2 factors? These analyses should be done.
Please add the standard error of measurement (SEM) and minimal detectable change (MDC).

Perhaps, the use of Blond Altman plot illustrating the test-retest reliability of the CF-PDI could be interesting.

DISCUSSION

Discussion is inconsistent and very weak. Statistical data is not needed in this section. Should be adapted to Factorial Analyses and rest of changes proposed.

As informed by authors, TSK for TMD is not available in Italian version. This is an important limitation and must be discussed.

The use of drugs and presence of comorbidities in the sample are high. Could this be a limitation? Please discuss it.

REFERENCES

Some references are incomplete or wrong (in example: 4 or 23). Please revise it.

**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:

Needs some language corrections before being published

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