Reviewer’s report

Title: Relationship Satisfaction and Interpartner Agreement about Acts of Physical and Psychological Aggression: A Multilevel Analysis

Version: 0 Date: 15 May 2017

Reviewer: Stefano Comai

Reviewer's report:

The manuscript by José Luis Graña et al. examines within heterosexual couples the interpartner agreement concerning physical and psychological aggression and the impact of relationship satisfaction. The authors found low to moderate levels of agreement on physical and psychological aggression. In women but not in men, relationship satisfaction showed a significant influence on the level of agreement concerning only acts of psychological aggression. No relationship with physical aggression was found. These results indicate psychological rather than physical aggression plays a more relevant role in women’s relationship satisfaction.

The introduction is somehow long but more importantly is completely missing of the clear aim of this work. Why was this work undertaken? This aspect is important to understand the different hypotheses that the authors wanted to examine.

Missing data were replaced through EM procedures. Specific information of the amount of missing data should be indicated.

I suggest to the authors to revise the results section describing tables 4 and 5 in order to make it easier to the readers. It is quite difficult to have the parallel between what has been described in the results and what has been reported in the two tables.

What do you mean with "approached statistical significance" (pag 17, line 16)? What is the p value?

I would also consider concluding the paper summarizing the main findings and future perspectives of this work rather than its limitations.

Minor points.

Tables 4 and 5. *p < .05. **p < .01 should be removed from the legend since they are apparently not present in the table.
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 am able to assess the statistics

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

Needs some language corrections before being published

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