Reviewer’s report

Title: Brief Reasons for Living inventory: A psychometric investigation

Version: 1 Date: 31 Aug 2017

Reviewer: Philip Batterham

Reviewer's report:

The authors have been responsive to my original comments and the manuscript has improved. However, I have a few remaining / additional concerns about the paper.

1) Abstract: The wording of this sentence is unclear: "The postulated six-factor model respectively the five-factor model (without child-related concerns) showed good model fit for the German version of the BRFL inventory."

2) It should be noted that CFI and TLI values of >0.9 are indicators of adequate fit, whereas >0.95 would be indicative of good fit (Hu & Bentler, Structural Equation Modeling, 1999, 6, 1-55).

3) Page 16: "Second, the conditional items of the "child-related concerns" factor are a considerable limitation of the scale." - the reasons why these items are a limitation should be clarified, e.g., that they are not applicable to individuals who do not have children.

4) It should be noted in the limitations section that the original selection of factors used an eigenvalue >1 cut-off, which is an arbitrary selection likely to result in extraneous factors (i.e., not the most parsimonious factor structure). While it would be interesting for the present paper to explore alternative factor structures (and compare fit), this could be noted as an area for future research. Exploration of alternative factor structures is particularly important due to the inadequate internal consistency of many of the subscales, particularly in the online setting.

5) Page 17: "BLRF" should be "BRFL".
6) As noted above, the internal consistency of the many of the subscales, particularly in the online sample, is clearly inadequate. Therefore the conclusion that "the BRLF is a brief, reliable, and valid measure of adaptive reasons for living that could be used in clinic and research settings" (reported in the discussion and abstract) should be moderated. Furthermore, discussion of why the scale might not perform as well in online community-based samples should also be discussed.

**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.

No

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If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

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