Reviewer’s report

Title: The association between electrodermal activity (EDA), depression and suicidal behaviour: A systematic review and narrative synthesis

Version: 1 Date: 24 Oct 2017

Reviewer: Johan Siqveland

Reviewer’s report:

I think the authors have made a significant job in improving the manuscript according to my previous comments, particularly in organizing the tables to a more reader friendly format. However I still think some more changes are needed before publication.

Minor comments

1. p 4 l 20 is the accurate prediction of suicide possible, or even desirable? Maybe moderate

2. p 9 l 23 The authors write "several studies, most with. I think this is too vague; the exact number of studies should be described and the range of NOS score reported. I believe that the manuscript would be greatly improved if this formula of reporting the exact number rather than "several many, some, other" etc. is consistently used throughout the results section.

3. I would suggest to include a summarizing statement for each of the sections (each main comparison) in the results section. This statement could for instance be presented at the end of each section in the results section or be the start of the discussion section.

4. p 11 l 8 difficult to understand this sentence, please elaborate.

5. The results of antidepressant medication on EDA are not presented, merely the studies performed. This is demanding to present as there are many different drugs involved. Alternatively the authors may wish to take out these analysis of the review.

6. Some of the text on suicidal behaviour and EDA presented at the start in the results section belongs in the introduction.

7. p 14 l 43. the concept "suicide threateners" is unfamiliar and also stigmatizing. Please support the use of this phrase of find a more neutral one.

8. p15 l 25, what is a "good discriminator" please specify in more precise terms.

9. p 16 l 3 "determining" replace with review or assess?
General comment:

- The introduction and results section are well written

- I still think the language is too vague, particularly in reporting the results, see minor comment # 2 above for way to improve.

**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.

Not relevant to this manuscript

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

Needs some language corrections before being published

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