**Reviewer's report**

**Title:** Diabetes distress in Indonesian patients with type 2 diabetes: a comparison between primary and tertiary care

**Version:** 2  **Date:** 24 Jul 2019

**Reviewer:** Research Square

**Reviewer's report:**

"STATISTICAL REVIEWER ASSESSMENT:

Is the study design appropriate for the research question (considering whether the analyzed population accurately reflects the design and whether you see any problems with control/comparison groups, e.g., likely confounders)?
Yes - overall design, population, and control groups are appropriate

Are methodologies adequate and well implemented (considering whether assumptions are addressed and whether analyses are robust)?
Yes - methodologies are adequate and well implemented, assumptions are addressed, analysis is robust

Are the analyses adequately communicated (considering whether reporting details are adequate and whether figures and tables are well labeled and described)?
No - there are minor issues

Does the interpretation accurately reflect the analyses without overstatement (considering whether limitations/bias are acknowledged and whether accurate descriptors, e.g., 'significant', are used)?
No - there are minor issues

Could an appropriately REVISED version of this work represent a statistically sound contribution?
Probably - with minor revisions

**STATISTICAL REVIEWER COMMENTS:**

The authors have addressed most of the comments. There are still a few clarifications that they need to add.
In Table 1, the variable ""complications"" is not clear. The sub categories need to add up to 100%. This variable needs to be listed in the following manner:
- no complication
- with one complication
- with two or more complications.
And all these three need to add up to 100%. The comparison between the groups is not clear. Which test was used to compare the sub categories of this variable?

Another concern relates to the variable "with comorbidity". The sample is relatively elderly (mean age 60 SD 10 years) and having just 6% with comorbidities seems unlikely. Clearly this study misses many comorbidities that this sample could have had.

The symbol ~ is incorrectly used. This symbol means "approximately". The authors incorrectly used this symbol. Please change in all confidence intervals and other figures relating to a range. The correct symbol should be -

REQUESTED REVISIONS:

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

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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