Reviewer’s report

Title: Measuring the Data Gap: Inclusion of Sex and Gender Reporting in Diabetes Research

Version: 0 Date: 20 Jan 2019

Reviewer: Janine Clayton

Reviewer’s report:

The authors have provided a clear manuscript focused on the examination of sex and gender integration in diabetes-relevant observational studies and RCTs in top endocrinology and general medicine journals. The methodology employed is clear and based on the SAGER guidelines. The clinical relevance and the impact of the topic in the context of the rigor of reporting are well characterized.

A comment about limitations of findings due to number of excluded publications was not included.

Employing funding agencies as the source of citations for the definitions of sex and gender would be less preferred than citing original publications and sources. The definition of gender in particular varies and is characterized in multiple ways in various contexts.

A comment on the nature of the sex/gender relevant findings that were reported by the few publications that did report could emphasize the importance of the issue of under-reporting being raised here. Providing such examples of sex and gender-relevant findings represents new knowledge and would serve to amplify the reports of the publications and authors who did report sex and/or gender relevant results.

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare I have no competing interests.

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal.