Author’s response to reviews

Title: The product of fasting plasma glucose and triglycerides improves risk prediction of type 2 diabetes in middle-aged Koreans

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Detailed Response to Reviewers

May 8, 2018

Reviewer

BMC Endocrine Disorders

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Title: The product of fasting plasma glucose and triglycerides improves risk prediction of type 2 diabetes in middle-aged Koreans

Dear Reviewers:

We would like to thank you and the reviewers of the BMC Endocrine Disorders for taking the time to review our article. We have made some corrections and clarifications in the manuscript after going over the reviewers’ comments. Here we have addressed the concerns of the reviewers on separate pages, as well as our response to the specific comments.
We hope that the revised manuscript will better meet the requirements of your journal for publication. We thank the editor and the reviewers for the BMC Endocrine Disorders once again for the constructive review of our paper.

Sincerely,

1) We deleted repetitive sentence “On the other hand, TyG index showed stronger association with onset DM than FPG in the normal fasting glucose group (HRs: 6.8 vs. 4.6)” in discussion.

2) Discussion Line 48:

The previous sentence "Although TyG index predicts incident T2DM well, its usefulness is questionable, when compared to fasting glucose [38, 44].” was changed to "Although TyG index predicts incident T2DM well, its usefulness is inconsistent, when compared to fasting glucose [38, 44].”

Editor-in-Chief:

1. The Availability of data and materials section refers to the raw data generated in your study. Currently, the link you have provided in your statement does not direct us to the datasets you have discussed in your manuscript. We strongly encourage all authors to share their raw data, either by providing it in a supplementary file or depositing it in a public repository and providing the details on how to access it in this section. If you do not wish to share your data, please clearly state this in this section along with a justification. Data availability statements can take one of the following forms (or a combination of more than one if required for multiple datasets):

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“The detailed cohort profile and how to access the data are described in the following source: KIM YJ, Han BG, KoGES group. cohort profile: the Korean genome and epidemiology study (KoGES) Consortium. International journal of epidemiology, 2016, 46.2: e20-e20. The data that support the findings of this study are available from the Korea National Institute of Health (KNIH) but restrictions apply to the availability of these data. Data can be accessible upon reasonable request and with approval of a designated research proposal review committee of the KNIH.” This sentence was added to the section ‘Availability of data and materials’.

2. If you do not choose to attach your raw data as an additional file, we ask that you still include an additional files list (detailed in the previous point) which lists your appendix tables.

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Although we agree to sharing the data, we are not in the position to allow the raw data to be uploaded. Readers can get detailed information of KoGES by visiting the website and cohort profile that we referred to.

3. In the section 'Funding', please also describe the role of the funding body in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.

Authors’ response

“The funders had no role in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.” This sentence was added to the section 'Funding'.

4. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours.
All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files. Please ensure that all tables, figures and supplementary files are cited in the main text.

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