Author’s response to reviews

Title: Identification of metabolic syndrome using phenotypes consisting of triglyceride levels with anthropometric indices in Korean adults

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Response to Reviewers

To the Reviewers and Editor:
We appreciate the helpful comments we received regarding our manuscript entitled “Identification of metabolic syndrome using phenotypes consisting of triglyceride levels with anthropometric indices in Korean adults”. We have revised our manuscript in accordance with the editor’ and reviewers’ comments. Our revisions are listed below.

Reviewer reports:
Technical Comments:
Editor Comments:
This cross-sectional study comprises a large population from Asia. It is well conducted and well described.
The objectives of this study were to find the best indicator of MetS among anthropometric indices and to examine the predictive power of phenotypes consisting of triglyceride levels with anthropometric indices. Authors used adequate and well explained approach. A very high number of data was analysed and authors concluded that the combination of WC and triglyceride (TG) was the best indicator of MetS in men and women overall. However, interestingly, the best indicator was TG + WHtR in women aged 40-49 years and TG + forehead-to-waist ratio in women aged 70-79 years.
I would suggest that part of the tables to be presented as a supplement in order to facilitate the readers - Otherwise, tables need to be formatted better as they are difficult to read. Otherwise the paper is well written.
Answer: As suggested editor and reviewer 1, we have modified our tables according to APA style for table format (suggested by reviewer 1). Also, several tables in manuscript were moved to the supplement tables.

Amutha Anandakumar, PhD (Reviewer 1): Comments to the Author: Thank you for addressing all the comments. I still feel the decimals should be reduced uniformly according to APA style.
Answer: As suggested by reviewer 1, we have modified the decimals in all tables according to APA style. So, all decimals in Results section were modified.

We greatly appreciate your helpful comments, which we feel have improved our manuscript.