Author's response to reviews

Title: Influences of socioeconomic factors on childhood and adolescent overweight by gender in Korea: cross-sectional analysis of nationally representative sample

Authors: Jin-Won Noh (jinwon.noh@gmail.com) Young-eun Kim (kimyes@neca.re.kr) In-Hwan Oh (parenchyme@gmail.com) Young Dae Kwon (snukyd1@naver.com)

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Author's response to reviews: see over
Dear editor-in-chief,

Thank you for the kind and thoughtful opinion. It makes our manuscript more interesting and meaningful. We tried to do our best to revise the manuscript upon referee’s advices. We addressed the comments in a revised manuscript. Here below is the detail explanation giving a point-by-point response to the concerns.

Subject: MS: 5422170161117657 - Influences of socioeconomic factors on childhood and adolescent obesity by sex in Korea: cross-sectional analysis of nationally representative sample
Reviewer: Jinming Yu

Reviewer's report:

The authors have addressed some of my concerns. But the manuscript still needs extensive language corrections before being suitable for publication.

-> We asked a native English speaking colleague to help us copyedit the paper.

- Major Compulsory Revisions

1. Table 3: As variables “region”, “economic status”, “mother’s education”, ”mother’s job”, and “family structure” were not selected in the final models, they should be deleted from this table.

-> The authors deleted those variables from the table.

2. Table 4: similar to table 3, delete the variables without any information.

-> The authors deleted unnecessary variables from the table.

3. Method parts: The authors should add some sentences in text to explain how the sample was selected rather than only explaining it in the Response to the Reviewers.

-> The authors added more detailed explanation how the sample was selected.
4. I still have concerns about the self-reported “weight”, “height”, and “body shape” et al. The authors did not validate these measurements. It is difficult for the readers to get the accurate information.

-> We totally agree with reviewer’s concerns. Therefore, we wrote down the limitation of the inaccuracy of self-administered questionnaires and no assessment of questions validated.

-> Indeed, all elementary, middle and high school students take their physical examination every year at the school in Korea and students and parents get the result. Therefore, students know their recent weight and height.

5. The authors acknowledged they knew the drawbacks of stepwise methods, but they still used this method in the final analysis.

-> We changed the analysis method all.

- Minor Essential Revisions

1. “related with” should be changed to “related to” throughout the manuscript.

-> The authors changed all.

2. The manuscript still needs language correction before being published.

-> The manuscript got the native check.