Author’s response to reviews

Title: Gender and grade differences in objectively measured physical activity and sedentary behavior patterns among Japanese children and adolescents: A cross-sectional study

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Author’s response to reviews:

Response to Reviewer #2

Reviewer’s comment 1

Authors performed a review in all manuscript sections. The overall flow and clarity has improved, although there are still some issues that require attention.

Answer

We greatly appreciate your comments and revised the manuscript accordingly as described below.

Reviewer’s comment 2

Line 27: replace "haves" for "have".

Answer

We have replaced “haves” with “have” (page 2, line 27).
Reviewer’s comment 3

Line 66 and 150-151: rephrase the sentence "engage in 60 minutes or more of moderate" to "engage in at least 60 minutes of moderate"

Answer

We have replaced “engage in 60 minutes or more of moderate” with “engage in at least 60 minutes of moderate” (page 4, line 66, page 7, line 152).

Reviewer’s comment 4

ILine 105: remove "of"

Answer

We have removed “of” (page 5, line 105).

Reviewer’s comment 5

Page 24, Table 2: You showed the effect size ($\eta^2$) but don't describe it on statistical analysis section. Please, do it.

Answer

We have added the sentence as follows:

“Effect sizes ($\eta^2$) were also calculated to examine the practical significance of these differences.” (page 7, lines 148-149).

Reviewer’s comment 6


Answer

Thank you for your suggestion. We have replaced the reference (page 15, lines 354-356).
Response to Editorial Requests

Comment 1

Ethics:

If your study involves humans, human data or animals, then your article should contain an ethics statement which includes the name of the committee that approved your study.

If ethics was not required for your study, then this should be clearly stated and a rationale provided.

Answer

This information is included in the Methods (page 6, lines 116-117).

Comment 2

Consent:

If your article is a prospective study involving human participants then your article should include a statement detailing consent for participation.

If individual clinical data is presented in your article, then you must clarify whether consent for publication of these data was obtained.

Answer

This information is included in the Methods (page 6, lines 111-116).

Comment 3

Availability of supporting data:

BioMed Central strongly encourages all data sets on which the conclusions of the paper rely be either deposited in publicly available repositories (where available and appropriate) or presented in the main papers or additional supporting files, in machine-readable format whenever possible. Authors must include an Availability of Data and Materials section in their article detailing where the data supporting their findings can be found. The Accession Numbers of any nucleic acid sequences, protein sequences or atomic coordinates cited in the manuscript must be provided and include the corresponding database name.
Answer

We have not data sets in publicly available. The present study collected demographic data using questionnaire, and physical activity and sedentary behavior using accelerometer. These detail method is included in the measures section. We have added “Availability of supporting data” section (page 14, lines 313-315).

Comment 4

Authors Contributions:

Your 'Authors Contributions' section must detail the individual contribution for each individual author listed on your manuscript.

Answer

This information is included in the Authors’ contributions section (page 14, lines 320-325).