Author's response to reviews

Title: Socioeconomic position and work, travel, and recreation-related physical activity in Japanese adults: a cross-sectional study

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Author's response to reviews: see over
Responses to the comments of Reviewer #3

<Minor Essential Revisions>

1. lines 83-86:
Once more, please write out the cutoff value that has been used for the classification of the “active” and “inactive” in each physical activity domain. Unless I have misunderstood the classification principles I suggest it to be written out as follows: “For the analysis, each DPA was categorized into “active” (at least XX minutes of physical activity performed in bouts of at least 10 minutes duration during one or more days a week) and “inactive” (less than XX minutes of physical activity or physical activity not performed in bouts of at least 10 minutes duration during one or more days a week). In case the classification into “active” and “inactive” is only based upon if a person has some physical activity performed for at least 10 minutes at a time, please make this clear enough for the reader at this point.

Response:
Thank you for your comment. We corrected the sentence as follows.
(p.7, Lines.83-86)
For the analysis, each DPA was categorised into “active” (physical activity performed at least 10 minutes duration during one or more days a week) or “inactive” (physical activity not performed at least 10 minutes duration during a week).

2. line 89:
Please add employment status to the list of independent variables

3. line 90:
Please add body mass index to the list of adjusting variables.

Response:
Thank you for your comment. We corrected the sentence as follows.
(p.7, Lines.88-90)
The independent variables included in the multiple binomial logistic regression analyses were household income, educational level and employment status with adjustment for age, size in household, BMI, and household motor vehicle ownership.

Response:

4. lines 148-149:
Please add “in women” to the sentence “However, the relationship between SEP and work-related physical activity was not significant.”
Response:
Thank you for your comment. We corrected the sentence as follows.
(p.9, Lines 148-150)
However, the relationship between SEP and work-related physical activity was not significant in women.