Author’s response to reviews

Title: Are associations between electronic media use and BMI different across levels of physical activity? A cross-national investigation in 30 countries

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Author’s response to reviews:

Dear editor

I hereby enclose the most recent version of our manuscript. I hope the modifications meet your expectations and that you consider this manuscript worthy of publication.

Please let us know if you see any other changes that should be made

On behalf of the authors
Ole Melkevik

Changes in this version of the manuscript:

1. Please include information about the ethical approvals and consent process
   This is now done.

2. Under measures and constructs, please include the version of Stata used in analyses given this is the first mention of the software
   This is now done.

3. Under results, there is one remaining use of the word ?gender? where all other instances have been changed to ?sex?
   This is now changed.
4. The discussion of Table 2 in the text does not match the data in the table? specifically, the authors report that 21% of boys and 11% of girls met the MVPA recommendation. However, the table suggests that these are the % that DID NOT meet the recommendation.

This is now changed. The categories were labeled incorrectly and this now corresponds between the table and the text.

5. Discussion of results regarding table 2 (same para as above) would benefit from some notation about which were statistically significant ? many of the CIs appear to overlap.

We have tested differences with regression models and results and have mentioned this in the text. Differences between the estimates for “meeting PA guidelines and/Not meeting PA guidelines and” are described in table 3.

6. Tables ? since overweight and obesity are grouped together, table titles should include obesity in them ? e.g. overweight and obese, or overweight/obese ? to ensure clarity

This is now changed

Additional comment from authors:

We have decided to change the title of the paper as we were not entirely happy with the previous one. We believe the new title is more informative regarding the contents of the manuscript.