Author's response to reviews

Title: Physical activity and health related quality of life

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Author's response to reviews: see over
Dear Editor

Many thanks for the comments on our manuscript. They have been very useful in revising the manuscript. Please see table below for how the comments have been addressed, and which parts of the manuscript the revisions are located. Looking forward to hearing from you.

Best regards,
Nana
**Reviewer 2 (Iva Tendais)**

<table>
<thead>
<tr>
<th>Reviewers comments</th>
<th>How it’s been addressed</th>
<th>Location of revision in manuscript</th>
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<tbody>
<tr>
<td>Excessive information is provided on the “covariates” of PA in the methods section. Authors included 15 references and formulated hypothesis on this topic even if this is was not the main objective of the study. In addition, the authors include in the results section a part on other variables than PA (socio-demographic, medical and psychological) that predicted HRQoL (“Other people associated with better HRQoL included high income earners, …”).</td>
<td>The text has been revised accordingly as follows: (a) Only key references (n=8) have been provided (b) A priori expectations as well as the results around the covariates have been taken out</td>
<td>Methods &amp; results sections</td>
</tr>
<tr>
<td>References do not appear in the text sequentially ([…, 16] … [29-44], [17]).</td>
<td>References have been revised accordingly</td>
<td>Whole text</td>
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<tr>
<td>The included coefficients in the text on the results section should be represented by the appropriate symbol.</td>
<td>The symbols have been provided</td>
<td>Results section</td>
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<td>Table 2 is not self-explanatory. Footnotes are needed to understand what models 1 to 4 refer to. Estimates of “covariates” could be omitted so direct the focus to PA estimates. Authors could add a footnote saying that all models are adjusted to age, income, …</td>
<td>Table 2 has been revised accordingly</td>
<td>Table 2</td>
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