Author's response to reviews

Title: When children play, they feel better: Organized activity participation and health in adolescents

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Author's response to reviews: see over
October 12, 2015

Dr. Jorge Mota
Associate Editor
BMC Public Health
263 Gray’s Inn Road
London WC1X 8HB
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Dear Dr. Mota,

We would like to thank you for provision of thorough revisions and selecting our manuscript for publication. Below you will find the List of changes relating to the manuscript MS: 1280922056174184 entitled „When children play they feel better: Organized activity participation and health in adolescents“ by Petr Badura, Andrea Madarasova Geckova, Dagmar Sigmundova, Jitse P. van Dijk and Sijmen A. Reijneveld. We provide a point-by-point responses, with each of them preceded by the respective editorial comment. The changes made are highlighted in red-coloured text and thus, can be easily tracked in the manuscript.

Once again we would like to express our honest gratitude to the editors and the reviewers for their stimulating comments, which were of great help to us in the process of revision.

Yours sincerely,
on behalf of all co-authors,

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List of changes

EDITORIAL COMMENT 1:
Please add to the start of the methods section a citation for the HSBC study where the questionnaire used can be found. If the study(ies) cited in the methods do not contain the questionnaire, please include this as an additional file.

Response:
The full version of the questionnaire is not to be made publicly available as per HBSC Network Terms of Reference. However, upon registration academics, international organisations and public sector researchers are sent the copy of the external study protocol which includes scientific rationales for the survey items, standard international questionnaire and additional information on data collection procedures.

*The following text and website link for registration were added to the Methods section (p. 5, lines 8-11):*

‘More detailed information on the questionnaire used in the last HBSC survey in 2013/2014 can be found in the HBSC International Protocol [22], which can be obtained (upon registration) at the HBSC website: [http://www.hbsc.org/methods/](http://www.hbsc.org/methods/).’

N.B. Please note that adding of the above mentioned text led to change in numbering of references as the external protocol was formerly reference [48] and now has become [22], changing the order of all the following references. The citations and reference list were adapted accordingly, however, these changes are not highlighted in the manuscript.

EDITORIAL COMMENT 2:
Please describe the informed consent procedure, including whether this was written or verbal and including detail on any involvement of a parent/legal guardian.

Response:
Thank you for pointing this issue out.

*We added this text to the end of the Methods section (p. 6, lines 8-12):*

‘The Czech HBSC study was conducted under auspices of Ministry of Education, Youth and Sports of the Czech Republic and the World Health Organization Country Office in the Czech Republic. The Czech legislation does not require written informed consent for participation in questionnaire surveys. The option to opt out of the study was emphasized to the respondents prior to administration of the questionnaires.’

EDITORIAL COMMENT 3:
Please include a list of abbreviations used (if any).

Response:

*The list of abbreviations was added to the manuscript (p.15; lines 11-16):*

‘Abbreviations

ANOVA - Analysis of variance
HBSC - Health Behaviour in School-Aged Children
OLTA - Organized leisure-time activities
SPSS - Statistical Package for the Social Sciences
Tukey’s HSD test - Tukey’s honest significance difference test’