Author's response to reviews

Title: Validity and reliability of a self-report instrument to assess social support and physical environmental correlates of physical activity in adolescents

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Author's response to reviews: see over
Dear Natalie Pafitis,

please find enclosed the manuscript of the following Research Article:
Validity and reliability of a self-report instrument to assess social support and physical environmental correlates of physical activity in adolescents
Anne K Reimers, Darko Jekauc, Filip Mess, Nadine Mewes & Alexander Woll

To the best of our knowledge this paper is the first cross-validation of a German self-report instrument on social support and physical environment determinants of adolescents’ physical activity behavior. The results of this study showed that the social support scale and physical environment scale are sufficiently reliable and their reliability is comparable to that of the other existing scales measuring the same constructs. The construct validity of the both scales was confirmed by cross-validation using two independent samples. The predictive validity was only confirmed for the social support scale but not for physical environment scale. The results presented in this manuscript are relevant for researchers and policy makers in the field of adolescent health. We believe that our article is within the scope of your journal because it investigates social and physical environmental correlates of health behavior in adolescents.

The work presented in this manuscript is original work, the contents of this manuscript have not been published elsewhere and will not be submitted to another journal before a final editorial decision is rendered except as a conference abstract. None of the authors has any relevant competing interests related to the research.

As requested by the Editorial Office, we have included the statements that both studies had been approved by the ethics committee of the University of Konstanz and were conducted in accordance with the Declaration of Helsinki (p.7). Further, we have stated that participants and their parents gave informed consent (pp. 9 and 10).

We would greatly appreciate if you would consider this manuscript for publication in BMC Public Health.

Yours truly,

Anne K Reimers, corresponding author

[Signatures]

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