Author's response to reviews

Title: The level of leisure time physical activity is associated with work ability - a cross sectional and prospective study of health care workers

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Version: 4 Date: 5 June 2013

Author's response to reviews: see over
Dear Editor

We hereby submit the revised version of the manuscript “The level of leisure time physical activity is associated with work ability - a cross sectional and prospective study of health care workers”. Below is a response to the concern raised by the reviewer, and our comment to this concern. The manuscript has now been changed (shown in bold in the revised manuscript).

Response to reviewer:
Thank you for the additional feedback on our paper.

An analysis on improvement always raises the question whether these findings will be mirrored by the analysis on deterioration. Hence, I suggest that in the discussion the authors reflect also on whether workers with less PA at baseline were more likely to decrease in work ability during follow-up. That is essential to know, also with regard to potentially reporting a regression to the mean.

You are right; there is a risk for regression to the mean. We have now added a part in the discussion dealing with this dilemma.

Hopefully, You will find the revised manuscript improved and suitable for publication in BMC Public Health
Best regards

Elin Arvidson (corresponding author: elin.arvidson@vgregion.se) on the behalf of my co-authors