Reviewer's report

Title: Physical Activity and Sleep Profiles in Finnish Men and Women

Version: 2 Date: 16 December 2013

Reviewer: Eliane Lucassen

Reviewer's report:

The manuscript has improved after revisions. The figures look good and clear, and important points have been added to the methods and the discussion. Some things remain unclear.

Major Compulsory Revisions (in order of importance):
- Thank you for adding the years of education as an indicator for SES. In the last sentence of the results you state “They were no statistically significant differences in education years between profiles 1 and 3, neither in men nor in women”. Why did you only compare profiles 1 and 3? The year of education in profiles 2 and 4 appear to be lower than in profiles 1 and 3; please address. Do you think that the lower years of education in profiles 2 and 4 could have influenced results?

Minor Essential Revisions:
- Please also add statistics for age differences in the profiles.

Discretionary Revisions:
- It would add to the paper if you could report the cut-off values that you used for education in Table 2 (e.g. “Low (<10.1 years”).

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests’ below