Reviewer's report

Title: A survey study of the association between mobile phone use and daytime sleepiness in California high school students

Version: 5 Date: 19 August 2013

Reviewer: Sara Thomée

Reviewer's report:

The manuscript has improved and I have received answers to most of my comments in the previous review - I only have a few remaining comments.

Minor essential revisions:

1. The multivariate analysis was clarified in "response to reviews". Thus the description in Table 3 needs to be changed accordingly. Please omit “was recoded from five to four categories”, and add that “Accessible – around the clock” was used as reference category.

2. I still think the last sentence of Results belongs in the Discussion. It is probably the use of the word “interaction” that confuses - it connotes that statistical interaction was tested, which it was not, rather associations between covariates. Therefore, the sentence is more appropriate in the Discussion and should be toned down as a general truth, for example from “is” to “seems to be” (My suggestion: “Thus, the association of ESS with accessibility and attempting to reduce mobile use seems to be associated with a complex interaction of staying awake too late (….)”).

3. In the Discussion it now says: “Our analyses revealed that staying up late (…) and being awakened (…) were both likely associated with the relationship between increased ESS scores and perceived need (…) and a past attempt (…)”. However, it wasn't associations with the relationship between ESS scores and predictor variables that was tested, but the associations or relationship between predictor variables (or covariates). The sentence should be changed or perhaps omitted?

4. Minor language correction: Last paragraph Results, line 7-8: "We did a similar analysis (…), with those who did not (…). The last "did" should be "had"?

Level of interest: An article whose findings are important to those with closely related research interests

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.