Reviewer’s report

Title: Do parents’ support behaviours predict whether or not their children get sufficient sleep?: A cross-sectional study

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Reviewer: Ana Quitério

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- The current paper aimed to determine the relative contribution of different types of parental support behaviours for predicting the likelihood that children meet sleep guidelines on weekdays and weekends.

The first question I have is: what is the scientific or applied rationale for the four parental support behaviours for child sleep and for developing the models?

You mentioned references 34 and 35 but none of those papers present parents support behaviours regarding sleep. Rather, they are for PA behaviours.

Please, provide a stronger rationale for table 2, besides the references 34 and 35, which did not explore child sleep.

- In line 18 and 19 you stated that "Child sleep and family functioning (e.g., marital conflict; parenting stress) are inextricably linked [12, 13, 19 14], and thus, it is imperative to view sleep from a family context [15, 16, 17]. Additionally, Between line 20 and 23 (page 3) and line 1 and two (page 24)- you added: "this most recent report also promotes the new Canadian 24-Hour Movement Guidelines for Children and Youth [33], which outlines what a healthy 24-hour period should look like for 5- to 17-year-olds. The guidelines introduce a new movement paradigm—of which sleep is an integral component—emphasizing a whole day approach. It presents sleep, not only as an important behaviour in its own right, but also as highly integrated with the other movement behaviours of physical activity and sedentary behaviour."

According to the rationale, important variables included in a typical child day should have been analysed. The other independent variables defined for this study were based on reference 34, and they did not explore the whole day of the child, namely physical activity and sports practice, neither sedentary time.
My question is: what was your scientific support for the other questions for the parents and why didn't you assess physical activity behaviours and sports practice?

You performed bivariate analyses to determine the relationships between all independent variables and dependent variables (i.e., whether children meet the guidelines), as well as independent samples t-tests for continuous variables, and chi-square tests for categorical variables. Nevertheless I did not find those results, or an explanation regarding those analyses.

This manuscript is well designed, and the results considering parents support behaviours for child sleep are well presented. Nevertheless, the rationale for independent variables should be better explained. The role of physical activity and sports practice in sleep time was not discussed and should be included into the introduction and limitations of the study. The results regarding independent variables should be analyzed and presented.

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

No

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

No

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

No

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

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