Peer Review Report

Review Report on Parents' working conditions in the early COVID-19 pandemic and children's health-related quality of life: the Ciao Corona study

Original Article, Int J Public Health

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EVALUATION

Q 1 **Please summarize the main findings of the study.**

The study uses longitudinal data o assess the associations between parents' working conditions during the lockdown period and children's health-related quality of life (HRQOL) over the first year of the COVID-19 pandemic in Zurich, Switzerland.

Q 2 **Please highlight the limitations and strengths.**

The study's large sample size provides a broader knowledge of the research topic. However, there is still some unclarity regarding the representativeness of the sample and the implication of covariance for the association presented in this manuscript.

Q 3 **Please provide your detailed review report to the authors. The editors prefer to receive your review structured in major and minor comments. Please consider in your review the methods (statistical methods valid and correctly applied (e.g. sample size, choice of test), is the study replicable based on the method description?), results, data interpretation and references. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.**

The manuscript is well written and easy to follow. Kudos to the authors' arguments. I have a few comments:

Analysis:

I wonder if the authors adjusted for the covariance in the regression model. The covariants were not presented in the table or discussed in the results. It would be interesting to see how features like migration background, gender, e.t.c, affect the models. Secondly, (with my limited statistical knowledge), it appears the authors' analysed the data at different datapoint. I would suggest a time series analysis to explore the longitudinal feature of your research. It would be interesting to see if the changes over time are indeed statistically significant.

Sampling:
As a limitation, the authors argued that "... participants included in the study were more likely to be from families with Swiss nationality and a high education level than those excluded due to missing data, ...". It Would be interesting to know how or why data from migrants and people with lower SES are missing. Considering the focus of this research, it is arguable that individuals with lower SES may have working conditions with more substantial implications for their children's health-related quality of life.

PLEASE COMMENT

Q 4 **Is the title appropriate, concise, attractive?**

Yes

Q 5 Are the keywords appropriate?

Yes

Q 6 Is the English language of sufficient quality?

Yes

Q 7 Is the quality of the figures and tables satisfactory?

Yes.

Q 8 Does the reference list cover the relevant literature adequately and in an unbiased manner?)

YES

QUALITY ASSESSMENT

Q 9	Originality	■■■□□
Q 10	Rigor	■■■■□
Q 11	Significance to the field	■■■■□
Q 12	Interest to a general audience	■■■□□
Q 13	Quality of the writing	■■■■□
Q 14	Overall scientific quality of the study	■■■■□

REVISION LEVEL

Q 15 Please make a recommendation based on your comments:

Minor revisions.