

Peer Review Report

Review Report on Prevalences of parental and peer support and their independent associations with mental distress and unhealthy behaviours in 53 countries

Original Article, Int J Public Health

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EVALUATION

Q 1 Please summarize the main findings of the study.

The findings of this study is very interesting and contribute to the existing body of literature on the well-being of the adolescent, especially on the role of parental and peer support. Although the result is not surprising new, it establishes the importance of both support for the development of this population group

Q 2 Please highlight the limitations and strengths.

The strength lies in the huge numbers of respondents, which provides myriad potential findings. Unfortunately, the potentials are insufficiently explored, such as the cultural, socioeconomic, and geographical differences of the countries. Different types of sex is also underexamined, such as the role of asymmetrical parental and peer support to male/ female adolescent etc.

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.

1. This study states the low-income and middle-income countries (LMICs). These concepts should be defined to provide the profound understanding to the readers. What are they and their characteristics?
2. The concept of adolescent also needs to be defined first because there are myriad different categories for this population group according to their age period.
3. In page 4 line 75-77, this study explains the random sampling of schools. How many schools are in these categories? From what continents?
4. In page 9 line 180-183: "According to the World Bank country-income classification, adolescents from low-income countries manifested the highest prevalence of individual parental support (Table 2), while they showed the highest prevalence of having no close friendships." Which year of this publication?
5. In page 12 line 244-247: "Peer support was also strongly associated with mental health factors and major health risk behaviours independent of peer support, and the association was significantly enhanced commensurate with increasing numbers of individual peer supports."
Is there a chance to expand the analysis to obtain the result of the asymmetrical support from parents and peer? For instance, what kind of the possible experienced health risks if the adolescent only receive a parental support without peer support, and vice versa? I believe it is almost impossible to obtain both supports, as mentioned in the ideal condition, throughout the world.
6. In page 12 line 255-257: "support. In fact, parental involvement and support were vital behaviours reflecting parenting style and were usually related to the local socio-political system."
The concept of parenting style is not discussed as one of the pivotal factors in the well-being of the adolescent. Therefore, this paper should include the parenting style in the literature review to provide the framework in the discussion section.
7. In page 12 line 262-264: "Educational level and socioeconomic status of the parents might also be related to parenting style: a family with higher levels of education and socioeconomic status..."

Are these factors included in the questionnaire? In the methodology section, I do not find these concepts as the examined factors. I think it is interesting to provide a quantitative analysis relating the levels of education and socio economic of the parents to their levels of support.

8. In page 16 line 343-345: "...create and promulgate global and national policies and take related actions to improve both parent-adolescent and peer relationships."

Is there a chance to add on how the create a synergetic relationship between the parental and peer support, as both mostly operate in a different space and time (parental support at home before and after school, while the peer support at school time).

PLEASE COMMENT

Q 4 Is the title appropriate, concise, attractive?

The title is appropriate and concise, but still has a room of improvement for attractive.

Q 5 Are the keywords appropriate?

The keywords are appropriate.

Q 6 Is the English language of sufficient quality?

The quality of English is sufficient

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?)

The reference list is relevant

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:

Major revisions.