Reviewer's report

Title: Validity and reliability of a self-report instrument to assess social support and physical environmental correlates of physical activity in adolescents

Version: 2 Date: 14 June 2012

Reviewer: Telmo Ronzani

Reviewer's report:

It is an article of validation of instruments that presents overall quality and appropriate details of the methodological steps, with theoretical consistency. Despite using the classical theory of validation of instruments, it brings important contributions to the area.

The main concepts of the study and a literature review are presented in a suitable way in the Introduction. Objectives of the study are appropriate and clear.

The methods are presented in detail, but I suggest a better organization of the validation steps and the assessment of the scale, to enable the reader a better understanding of all the procedures performed by step.

Limitations were presented properly. I suggest clarifying that it is a study with some evidence of validity of the instrument, but that other indicators or robust techniques with a larger sample and great external validity are needed.

Discussion and Conclusions show that the authors achieved properly the objectives proposed in the study.

Finally, I suggest to change the title to “Evidences of Validity and reliability of a self-report instrument to assess social support and physical environmental correlates of physical activity in adolescents”, due to the characteristics and limitations mentioned by the authors, and considering what I pointed about the limitations of the methods and the need of using other criteria of validity.

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests