Reviewer's report

Title: Exploring associations between parental and peer variables, personal variables and physical activity among adolescents: a mediation analysis.

Version: 1 Date: 8 August 2014

Reviewer: Tania Gaspar

Reviewer's report:

the topic is relevant, Article clear and well Constructed, it Is important has two sources of information: adolescents and parents

has two weaknesses related to the sample size and measurement instruments, Specially related to the variables of peers and parents.

Suggestions

Abstract
add information in the abstract related to sample mean age and gender percentage and delete the associations "close to significance"

Add more methodological information related to the instruments used and compare to similar studies.

Level of interest: An article of importance in its field

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