Reviewer's report

Title: Does school-based physical activity decrease overweight and obesity in children aged 6-9 years? A two-year longitudinal study in the Czech Republic

Version: 3 Date: 10 July 2012

Reviewer: Nicola Diane Ridgers

Reviewer's report:

The authors have satisfactorily addressed the comments I raised during the initial review of the manuscript. I only have a few minor discretionary comments to be considered that have arisen from this re-review.

Discretionary revisions:

1. The use of the term longitudinal can also indicate cohort studies. Suggest using longitudinal intervention study in the manuscript for clarity.

2. The bullet points were removed, but the points were not integrated in to full sentences. I suggest that this is done.

3. Can it be clarified that the PA program implemented was part of the Healthy Schools Program? In addition, did the schools have to meet any criteria to be intervention schools?

4. Page 9, last sentence. How was the intervention sex-specific?

5. How did you control for clustering using an RM ANOVA?

6. The finding that more girls than boys met PA recommendations is an unusual finding. Some discussion of this may be useful for the reader.

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

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'.