Reviewer's report

Title: Associations between factors within the home setting and screen time among children aged 0-5 years: a cross-sectional study

Version: 1 Date: 27 April 2012

Reviewer: James White

Reviewer's report:

Major Compulsory Revisions

1. The manuscript notes clearly the recommendations on limiting screen time in the under fives in the first paragraph of the intro, but then goes on use just TV viewing as an outcome. Please reanalyse with a combined measure of all screen time (TV and video games). I suggest applying the cut-points of 2hrs, or using > or equal to 90th centile for this combined measure;

2. p4. line 12-13: you want to foster appropriate screen time habits in parents for their children under 2, not children, as they don't determine how much they use at this age, please clarify

3. Parental cognitions should be renamed as parental attitudes.

4. Clairify when parental predictors are television specific (e.g. self efficacy)

5. p12 line 199. Stronger estimates don't indicate a sex difference; I suggest including interaction terms in unadjusted analysis between your predictors and sex. If they are significant, please report all models and tables separately for boys and girls.

6. Table 2: Include N, and type of correlation as footnotes;

7. Table 3: These are stepwise models

8. Note limitations of measurement validity - you could have used accelerometers to measure sedentary time; and the potential for self report bias of parents - screen time may be under estimated.

Minor Essential Revisions

1. p5.line 26: please reference the statement on most screen time occurs at home

2. How many imputations did you do?

3. p11. line 159: do you mean p<0.05

4. Is the adjusted R2 adjusted for clustering?
5. Is the best case a complete case analysis? How many participants in the complete case and how do the estimates compare?

Discretionary Revisions

Mention the recent paper in JAMA on activity and sedentary behaviour


**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