Reviewer's report

**Title:** Relationship of aerobic fitness and motor skills with memory and attention in preschoolers (Ballabeina): A cross-sectional and longitudinal study

**Version:** 2  **Date:** 23 March 2011

**Reviewer:** Jeremy Miles

**Reviewer's report:**

Minor essential revisions:

1. I would prefer that the paper does not present +/- in the abstract or in table 1 – it is unclear to the reader if this refers to standard deviation, standard error or confidence limit.
2. P10: Binomial, rather than binominal?
3. P11: “All confounder variables that are hypothesized to influence aerobic fitness.” Use of the word ‘all’ implies to me that every confounder variable that could possibly affect fitness has been included, rather than those that have been measured.

**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