

Review

Title: **Correlation between gross motor coordination and basic coordination capacity in normal-weight and overweight/obese 9-10-year-old children**

Congratulations to the authors on a well-done paper. This study aims to compare gross motor coordination and basic coordination capacity between normal-weight and overweight/obese children. The topic is very interesting and the paper is generally well-written. My suggestion is – **Minor revision**. I will provide comments below.

Abstract

Ln 40 - State that the study involved 266 participants, 135 in the NW group and 131 in the OW/OB group.

Ln 37 - ...and OW/OB children.

Lns 44-46 - Statistical procedures should not be explained in the abstract, remove them.

Introduction

Ln 72 – (Wade, 1986...)

Ln 97 – Provide a better rationale for the study, indicating why this research is necessary. Explain the gap in the science that this study will fill. Also, provide reasoning for why coordination and coordination sub-tests are being specifically tested.

Methods

Ln 120 – State how many participants were ultimately included in the study (266) and by group...

Ln 126 - Indicate that written consents were obtained from their parents.

Ln 127 – Add the approval date.

Lns 146-163 – Write these sentences as normal text, without bullet points.

Lns 161-163 – Indicate which references were used to standardize the data.

Ln 164 - "Six tests were selected from 25 existing". Explain why these six tests were chosen, either by rationale or supporting studies.

Ln 183 – (last names of the authors only)

Lns 169-208 – Do not list these tests in bullet points. Present them as normal text.

Ln 188 - Add manufacturer, city, country.

Ln 189 - (WANG Chang-sheng, LIANG Cheng-mou & FANG Pei-su, 2006) Correct this reference.

Ln 195 - photogates (add manufacturer, city, country).

Discussion

Lns 297-302 These sentences do not apply to your study as there are no geographical and biological differences among the participants.

Ln 313 – Correct the reference.

Ln 328 – Correct the reference to avoid all caps.

Ln 331 – Use third person singular throughout.

Ln 428 – Before limitations, highlight the strengths of this study, as it is indeed important.

Ln 434 – Point out the practical implications.

Table 2

Provide abbreviations according to the order of appearance of the acronyms in the table.