

Review Form 1.6

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| Journal Name: | Advances in Research |
| Manuscript Number: | Ms_AIR_86307 |
| Title of the Manuscript: | Assessment of preschool children's throwing ability by throw distance and velocity |
| Type of the Article | Original Research Article |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalair.com/index.php/AIR/editorial-policy>)

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PART 1: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Compulsory REVISION comments | <p>The topic seems interesting, but text needs expansion. Introduction is limited only to throwing factors, while in the growing children throwing as a gross motor skill is related with learning of other gross motor skills and often one go together with development of other gross motor skills. So I think the authors should expand Introduction by adding a context of gross vs fine motor skills. Perhaps looking into some more text on that issue will help (like for example: Are There Any Differences between First Grade Boys and Girls in Physical Fitness, Physical Activity, BMI, and Sedentary Behavior? Or Physical activity promotion in the preschool years: A critical period to intervene, or Are girls really outperforming boys?)</p> <p>Methods – how was the sample selected? Was it random? Or all children in that kindergarden had to take part in the testing? Good that you had the ethical permission.</p> <p>Measuring velocity and distance seemed fine (and also equipment for measurement) but I am not sure whether it is enough to assess the throwing ability. What about biomechanics of throwing and angles combined with age-related coordination ability or arm+hand length? Also the weight of the ball although the same fir all age groups but it was different for 3 years to throw this ball and for 6 years also in terms of strength, but also grabbing ability (fitting the ball in hand grip).</p> <p>Results are presented fine, with good statistical indications.</p> <p>Discussion also needs enhancing, at least discussing the abovementioned issues that the authors did not take into account.</p> <p>Also you need to reach for more international references on that topic.</p> | |
| Minor REVISION comments | | |
| Optional/General comments | <p>This is a very short research note. I think the authors need to work more on that text to make the proper rationale for their study and also discussion needs to be expanded for there are many factors that the authors did not take into account in their study design.</p> | |

PART 2:

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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