

Review of: "Throwing is affected by self-movement"

Lauro V. Ojeda¹

¹ University of Michigan - Ann Arbor

Potential competing interests: No potential competing interests to declare.

This study is very interesting, and I'm curious if the authors have any insights into what would be expected if it were conducted on (semi) professional basketball players.

I have a few comments regarding the actual content:

Authors wrote: "The order in which participant performed conditions were balanced and determined randomly."

The statement seems a bit wordy and may be challenging to understand.

Authors wrote: "In the case of motor stimulation, he was adapted to a running pace of 6 km/h for one minute, and then he had to perform the task while running at that speed. Otherwise, he just stood still."

I recommend using gender neutral pronouns.

Authors wrote: The box-plot of Figure 2 shows the matching distance for both conditions. As can be observed, matching distances are much shorter than 600 cm, which was the reference distance.

I recommend adding actual values of the results/errors in the body of the paper as opposed of expecting the readers to interpret the plot.

I recommend including actual values of the results/errors in the body of the paper rather than solely relying on the readers to interpret the plots, allowing them to better understand your findings.

Figure 1. Side view of the observer throwing the ball.

It is necessary to add labels and names identifying acronyms used in this figure.

Consider adding another figure for experiment #2

I recommend revising the order in which the figures are labeled so that they are sequentially numbered from #1 onwards for clarity and consistency.