

Review of: "Turning the Tables on Analysing Turns – Validation of Wearable Sensors in Ballet"

Mihaela Hnatiuc¹

¹ Maritime University of Constanta

Potential competing interests: No potential competing interests to declare.

The paper presents the validation of the use of wearable sensors in ballet movements. Previous studies used 3D cameras to measure the movements' positions. The aim of the article is to show that the use of wearable sensors is as suitable as the use of cameras.

The study is not well presented, but the abstract is detailed enough.

The results claim a Pearson's correlation coefficient of $r = 1.00$, a near-perfect score. It is not clear which sensors were used to measure (accelerometer??). The data are filtered before the analysis?

It is a storage of 3D spatial position, and from this, the velocity and acceleration can be determined mathematically.

More formulas or algorithms used in the data processing must be included.

The paper must be improved and published after more detail about the experimental part is included.