

تقرير الملاحظات:

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- عنوان المذكرة :

Analytical investigations of the volleyball smash skill performance using kinovea as a motion analysis tool

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الملاحظات:

1. Data Integrity Crisis: The Landing Phase table is an exact duplicate of the Ball Contact data, creating a severe empirical contradiction and leaving real landing data completely missing.

2. Methodological Flaws: The pilot sample size equals the main sample size (6 players), and marking essential movement phases as "N/A" violates the rule of a continuous kinetic chain; incomplete trials should have been excluded.

3. Misaligned Analytics: Using Kinovea only for static angles ignores the dynamic velocity and time indicators of an explosive skill, while massive standard deviations (~20°) contradict the claim of a "highly skilled, homogeneous" sample.

4. Optical Distortion: The camera was placed at an oblique corner angle instead of a strict 90-degree perpendicular view, causing perspective errors that invalidate the 2D motion analysis measurements.

5. Academic & Citation Chaos: The thesis suffers from unscientific prose ("picnics"), confusing terminology (mislabeling landing photos as the "hidding phase"), heavy translation typos, and a disorganized reference list with duplicated entries