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THE VALIDITY AND INTER-UNIT RELIABILITY OF CUSTOM-MADE SURFTRAX GPS UNITS AND USE DURING SURFING

Objective: To gain further understanding of the movement patterns during surfing using custom made GPS units which are designed for surfing (SurfTrax, Gold Coast, Australia), and ii) determine the validity and inter-unit reliability of the these units.

Methods

The experimental approach was as follows:

1. 10 surfers recorded data during their surf session.
2. GPS units were used to record data for 10 surfers.
3. Data was analyzed using statistical software.
4. Results were compared with previous studies.

Results

The results showed that:

1. The GPS units were reliable and valid.
2. The inter-unit reliability was high.
3. The validity was high.

Conclusions

The GPS units were found to be reliable and valid. The inter-unit reliability was high, and the validity was also high. The results are consistent with previous studies.

References