

ABSTRACT

Title:

Analysis of techniques in wild water kayaking during competitions in wild water slalom

Objectives:

1. To analyze race runs of the best world kayakers in top competitions in wild water slalom in frequency of use of individual types of strokes and technics of passing through upstream and downstream gates
2. Determine the percentage of using forwards and driving strokes in competition runs of best world kayakers

Methods:

Observationally descriptive study based on organized, non-behavioral observation of a targeted sample of the population of athletes, specifically a group of top kayakers.

Sequence video analysis in the Darthfish computer program, based on the recording of predefined technical elements that appear in the competition runs of the best world kayakers.

The observation was done by one professional expert by intra-observing method.

The data was processed in the Microsoft Excel computer program using basic statistics. The individual outputs were described in details.

Results:

Top world kayakers are mostly using sweep technique when passing through the upstream gates in competitions

There is a high share of forwards strokes against driving strokes in competition runs of top world kayakers

Key words:

wild water slalom, technique, tactics, competition, passing gates, video analysis