

Title of diploma work: Dependence Between the sports Effect of Race Course and select index on conditional element in the flat water racing.

Aim: The aim is to determine dependence between performance at race tracks and selected indicators of fitness factors in categories Canoe Sprint K1, C1 Juniors in the racing season, 2007.

Method: To determine the relationship between performances at race tracks and selected indicators fitness factors were used correlation analysis, where the dependent variable will be the value of testing special condition and the independent variables are the value of testing general condition.

Results: The research results show that the correlation between performances in racing tracks 500 m and 1000 m, and the condition factor is different for canoeists and kayakers, and that the performance at

Fitness test can not determine the approximate result in the canoeing event.

Keywords:

test, performance, correlation coefficient, Flatwater Canoe