Title of project: Influence of selected conditions and psychological factors on final athletes performance in white water slalom.

Objectives: The aim of this work is to compare selected fitness and psychological parameters in athletes Canoe slalom and determine their impact on the resulting performance in the race.

Methods of data processing: To determine the statistical correlation between sports performance and selected factors of sports performance was used nonparametric correlation study - Spearman correlation coefficient, processed statistical program SPSS.

Results: Selected fitness factors affect the final performance of athletes are of course the only factor that affects the final performance of athletes. Effect of cognitive component of racing Anxiety on the resulting performance athlete is not fully proven.

Keywords: water slalom, Wingate test, current mental status, race anxiety, CSAI-2 test, factors of sports performance