

**TITLE:**

The Development of endurance capacity of the applicants for the physical education study program at the College of Education at the Charles University

**SUMMARY:**

The aim of my thesis is to summarize the development of endurance capacity of all applicants for the physical education program at the College of Education at the Charles University from 1991 to 2009. The endurance capacity testing took place on a track and consisted of running the 800 m for women and 1500 m for men respectively during the entrance examination for the physical education program.

Using statistical methods (arithmetic average, standard deviation, variation coefficient, modus and median) I will compare each year's performances, differences in performances by applicants' study concentration, and differences among men's and women's performances. Besides examining the endurance capacity of the applicants I will also examine the number of applicants each year.

**KEYWORDS:**

Endurance testing, entrance exam, College of Education, Charles University, physical education, statistical methods, study combination, athletics, middle distance running, sport performance.