

Abstract

- Name:** The influence of the current trends on the determinants of sports performance in triathlon.
- Aim:** Main aim of the diploma thesis was to find out the influences of current trends in triathlon and how they can influence the determinants of a sports performance and predict in which direction the triathlon will go in the future.
- Methods:** According the historical method by Hroch it was used to determine the historical context. The results were properly interpreted in the context of a problem definition, data collection and analysis based on inductive-deductive reasoning. The research deals with the search, processing, and analysis of data for various types of triathlons within the International Triathlon Union (ITU). The results from several selected triathlon races of the world championship are also analyzed, from the shortest format (super sprint) to the longest, which is a long triathlon (Ironman). The research also included an interview with an employee of the Commission of the International Triathlon Union (triathlon development committee)
- Outcome:** According to the analysis of historical development, triathlon competitions are shortening, and the share of triathlons is rising at the expense of Olympic triathlons. There is no fundamental difference in BMI values between the best super sprint triathlon, sprint triathlon and Olympic triathlon competitors. So far, no national triathlon federations specialize in identifying sporting talent for relay races and super sprint triathlons.
- Keywords:** Super sprint triathlon, identification of sports talents, trends in triathlon, somatotype