RELATIONS BETWEEN SOME MORFOLOGICAL DIMENSIONS AND A RESULT ACHIVEMENT IN SWIMMING OF YOUNG SWIMMERS REPRESENTATIVES OF B&H

Abstract

On the sample of 10 selected swimmers, members of national swimming team of Bosnia and Herzegovina was applied a system of 27 variables. 26 predictive variables of motor space and one criteria variable of result achievement were applied to determine relations between some morphological characteristics and result achievement in swimming. Leading task was to facilitate a system from predicative selection of young swimmers. While determining statistically significant relations between the criteria variable and the system of predicative variables, the SRA regression analysis led to significant prediction of the criteria. In this research the regression of the sport result in swimming undoubtedly indicate the importance of motor space. Multiple correlations were severe (0.90), and the interpretation of the criteria with 81 % was also considerably large. This means that it is possible that morphological variables make prediction of results in swimming, and that morphological constitution has direct repercussions on the swimming result. Based on the analysis of spent can be concluded that swimmers must not have any extreme morphological events, but balanced, comprehensive and homogenous composition with a somewhat less importance fat.

Key words: *morphologic, score success, relations, swimmer representatives*