INFLUENCE OF SOME BASIC MOTOR ABILITIES ON THE PERFORMANCE OF BUNNY HOP MOVEMENT

Abstract

With this research we wanted to establish whether there is a significant influence of some primary motor abilities on the prediction of success in mastering and performing a basic sport movement called bunny hops on floor. The sample of examinees consisted of (n=97) boys and (n=92) girls of the primary Catholic school centre „Saint Franjo" in Tuzla and their grades range from 1st to 9th, aged between 6 and 15. The sample of predictor variables consisted of the 14-test battery for the estimation of motor abilities. The criteria variable is bunny hop on 9 meters (s). Relations between motor indicators and mark efficiency in executing the situation dynamic stereotype are analysed by the regression analysis. Variable polygon backward has the greatest positive statistically significant influence on preformance, and the reason for it is in the fact that the co-ordination of whole-body movements is in a direct correlation boys (r: 0.625, p<0.01) and girls (r: 0.690, p<0.01) because it has a similar structure movements with the efficiency of the bunny hop performance on the floor. The results of regression analysis predictor system variables explained (boys R .731; girls R .778) of common variance with the criterion, while the correlation of the entire system of predictor variables with the criterion, coefficient of multiple correlation is (boys R^2; .534; girls R^2; .605).

Keywords: *motor abilities, bunny hop, basic sport movement, artistic gymnastic, selection*