

THE IMPACT OF SOME MORPHOLOGICAL CHARACTERISTICS AND MOTOR ABILITIES TO HIGH JUMP RESULTS OF 14 YEAR'S OLD PUPILS

Abstract

Physical education teacher's databases are usually used for clubs recruitment. The impact of some morphological characteristics and motor abilities to scissors high jump results in elementary school has been researched. Sample N=25 elementary school male pupils aged 14 (± 6 months) have been tested by standard tests for tracking pupils development in elementary school. From full battery that consists of 11 tests, 5 tests for: body height, body weight, legs explosive power, flexibility and hand movement frequency speed as predictors, as well as measured high jump result has been used as criterion. The standard statistical procedures and regression have been used. Results show that body height, tapping and long jump have statistically significant positive impact to high jump result. Research confirmed correlations of the predictor with the result in high jump. Reduced standard battery can be applicable for high jump result prediction and for recruiting pupils in school sport clubs.

Key words: *body weight and height, tapping test, long jump test, flexibility test, elementary school*
