

ESTIMATION OF DEFINED QUALITY OF SOME PARTICULAR PREDICTORS IN THE ABSOLUTE SCOPE OF CRITERION EVENTS IN KINESIOLOGY

Abstract

A survey, with 76 girls from the grades seven and eight of primary school with the approximate age of 14 who were the attendants of sport schools for volleyball, basketball and handball in Osijek, was realized. The girls were measured with 3 morphological, 6 motor and one simple functional variable. The aim of this experiment was to explore the absolute features in the field covered with those variables. A special transformation of initial data was done in order to define the rounded absolute areal and to have the girls' feature recognized in it. This was realized by generalization of indicators from the whole covered areal and then by regression analysis in the manifest and latent scope. The results showed that these girls had realized their movements mostly burdening the longterm sources of energy, which is not such bad itself, but also without any serious participation by the part of short term sources and also without any particular participation by the part of coordination abilities. Since we deal here with the age which can be expected to reach the maximum and stagnation of explosiveness and coordination in the following phases of development, it is suggested to realize a serious analysis of the development of abilities and female samples features in general as well as to define some special programmes for support of girls' growth since their early childhood because the obtained results indicated that their future general and also, with it, their motor status cannot be satisfactory under that kind of conditions. However, the girls from this survey were involved in sport schools and for that reason, these conclusions are especially valid in the situations when the girls are not involved in sport activities, and particularly in urban areas without natural variety of possible movements.

Key words: *metodology, identification, development, exercise*