

CHILDREN'S ACHIEVEMENTS IN COMPOSITE MEASUREMENT INSTRUMENTS FOR EXPLOSIVE STRENGTH

Abstract

A battery of the five composite motor tests for explosive strength suitable for preschool children aged five has been applied to a group of 180 participants in extracurricular sports program in four kindergartens in the city of Rijeka in Croatia. This experimental research has contributed to the results of previous research regarding the following; 1. The results in applied composite tests in the research have determined that the third performance of the task has achieved better results which lead to the conclusion that children learn how to perform the task during the first and second performance 2. Conducted analysis has confirmed good metric characteristics of examined motor tests for explosive strength in children aged 5 and 3. The applied battery of five composite motor tests concerning its metric characteristics could be implemented in the standardized battery of motor tests suitable for preschool children for monitoring children motor development as well as their achievements in motor abilities.

Key words; *children, explosive strength, composite motor test.*
