THE INFLUENCE OF SITUATION EFFICIENCY ON THE RESULT OF A HANDBALL MATCH

Abstract

The main aim of this paper is to determine and explain the differences between the winning and the defeated teams based on the situation indicators of the attack finalisation in top senior handball. We have analysed 101 matches played during the World Championship for men held in Croatia in 2009. We analysed the differences (ANOVA) on the total sample of matches on certain levels of the competition. In this purpose we applied three groups of variables of shooting on goal: the number of shots on goal, the number of scored goals and the percentage of realisation in the position and the transition attack. The results of the research show that influence of situation variables on the final result of a handball match is lower in the opponents of equal quality, and higher in broad range of quality. The winning teams are more efficient in all the parameters of final actions of the attack. The number of goals from the pivot position significantly contributes to the victory in quality teams. The result of a handball match between two quality teams is determined by shooting efficiency from the outer positions which suggests how important the outer players are in creating results in top handball. The limits of this research lie in the fact that situation-related parameters of final actions describe only partial, not complete efficiency of players and teams in the handball game. For future researches, it is therefore necessary to create a combined model of evaluation of complete efficiency in the players' and teams' playing by linking objectively collected data on the situation efficiency of handball players.

Key words: competitive result, handball, situation efficiency variables, finalisation of attack