

Abstract

Title: Analysis of defence systems and attributes of fast attack used for selected handball team.

Objectives: The objective of my dissertation was to find out reciprocal relations between defence systems and quantity (quality also) attributes of fast attack used for top handball team in Czech republic. My next objective was analyzation of recorded values and comparison with available values of national teams from top events like Olympic games, European and World championship.

Methods: We used for our dissertation methods of direct observation, indirect observation and analyzation. The results were processed by Microsoft office Excel 2007 and there was used chi-squared distribution of independence.

Results: We found out in our dissertation that the observed team was frequently in fast attack during more agresive zone defence system 1:5 than the other defence systems used during games in season 2015/2016. The next detection is that observed team had almost the same quantity of fast attacks in one game like national teams during big international tournaments but there was found a big difference in proportional success of attacks for national teams. The participation of goals from fast attacks and total attacks is bigger for our observed team than for national teams on big international tournaments but we had to pronounce that the detection was statistically important.

Keywords: handball, analysis, fast attack, defence systems, proportional success