STATISTICAL ANALYSIS OF TACTICAL ELEMENTS IN BASKETBALL GAMES

Abstract

The research topic is the analysis of basketball games and tactical understanding of the elements, their frequency and efficiency. The problem is statistical analysis of the tactical elements. The main aim is to establish a theoretical model as a guide for technical and tactical preparation that will result in improved efficiency. The task of research is to create a form for the successful monitoring and analysis of a basketball game in tactical terms. Method- variables: lead shot, shot punching, punching add a shot, shoot system, system entry feedback, extracted shot, single entry, system entry, system assists, system pivot, free throw, fine shot, translation, end of the game, jump, contra. The experimental treatment involves the separation of elements by observation of domestic league games, Final Four to the NBA. The method of data processing in SPSS 11.5. Descriptive statistics are processed by the coefficient, the arithmetic mean, average and sum the results. Results: two theoretical models of balance: a balance that shows the spatial distribution of the concepts of attack, whether the attack was completed in the field or directly under the basket and personal team balance that shows the distribution of individual and team attack. Conclusion: the established parameters for analysis. Based on observations at all levels of game it was up to 16 items that are recorded in summary form, and 11 items logged in the application forms for the balance. Based on the established 11 parameters games, appearing in all the matches, formed the model, which indicates the distribution of team work and physical activity.

Key words: basketball, tactics, elements, analysis