

# The Olympic Tournament of Men's Basketball, Beijing, 2008

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## **Abstract**

*Background.* This paper attempts to prefigure the need to develop a model of value manifestation of the basic parameters that characterize the Olympic Basketball Male Tournament, Beijing, 2008.

*Objectives.* To conduct a review aimed at the development of the players at this competition on the basis of statistical data processing, with the purpose to determine the model of value manifestation which characterized the Olympic Male Basketball Tournament, Beijing, 2008. To achieve this objective, the 12 participating teams, with a total of 144 players, were analyzed.

*Methods.* The methods of study were based on an analysis of characteristic data of each team, on the recording of the main indicators of the game and the statistical processing of them. The specific features of the teams and players: origin, age, size and behavior based on the index value of the basic parameters of the game: minutes played, balls won, shots taken, marked points, decisive passes, and turnovers are presented and analyzed.

*Results.* Analyzing the overall efficiency index shows a relative homogeneity within groups, but differences between groups (0.648 average for the I-IV places; 0.461 average for V-VIII places; 0.282 average for the IX-XII places).

*Conclusions.* After viewing the recording, processing and analyzing all the major international competitions, an official database has been set up, providing information on the teams' characteristics and players' behavior. This information will assist in the acquirement of an objective knowledge in order to optimize the planning process of preparation and participation in the Olympics. The values of the distribution and shots efficiency indexes, the model value manifestation of the basic parameters specific to basketball highlight the big differences between the participating teams. Models of the performance based on the arithmetic average of the main parameters of the game, contribute to a better knowledge and facilitate an objective analysis of the evolution of players and teams.

**Key words:** Olympic Games, male basketball, statistics.