

## **ABSTRACT**

### **Title:**

Relationship between quality of serving and the defensive phase at net in men Volleyball at the Olympic Games 2008 in Beijing.

### **Objective:**

The purpose of this thesis was to find out relationship between quality of serving and the defensive phase at net in elite volleyball teams. The thesis should also give a more detailed view on progress of this relationship in time, and to show what is the character of the relationship in best teams.

### **Methods:**

The main method used in this work was, standardized indirect observation. We observed matches on Olympic volleyball tournament 2008, in Beijing, where we assessed the selected playing activities on 5-degree scale. After that, we applied one-dimensional methods of statistical analysis to find out statistical significance (chi-square test) and methods of objectively-logical analysis.

### **Results:**

The results refer to significant relationship between quality of serving and the defensive phase at net. This relationship appears to be stable in time, independent on changes made in volleyball (rally point system, libero specialization). By comparing of this relationship in best teams we did not find statistically significant differences, but we consider as a big advantage for team to be able to group a two-person block after poor quality service.

**Key words:** volleyball, game performance, service, block