

Quantitative study on free serve receiving effect between Chinese Women's volleyball team and top four teams in Tokyo Olympic Games

Liyue Tan 1, Fang Yuan 1

¹*China Volleyball college, Beijing Sport University*

ABSTRACT:

With the improvement of volleyball rules and the appearance of free men, the volleyball competition has changed from focusing on attack to balance of attack and defense, and the role of free men has become more and more prominent. This study takes the effect of free serve receiving between the Chinese Women's volleyball team and the top four teams in Tokyo Olympic Games as the research object, and compares and analyzes the effect of free serve receiving between the Chinese women's volleyball team and the top four teams by means of literature, video statistics, mathematical statistics and comparative analysis. The study draws the following conclusions: 1. the free players of Chinese Women's volleyball team have certain advantages in age, but they are lacking in competition experience compared with the top four teams. 2. There is no obvious difference between the free players of Chinese women's volleyball team and the top four teams in the way of receiving service, mainly using the way of front hands cushion. 3. In terms of service receiving effect, the Chinese Women's volleyball team has no advantage compared with the top four teams, both in the total number of service receiving and the rate of service receiving are significantly lower than other teams.

KEY WORDS: China Women's Volleyball Team; Free defender; Service receiving effect

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