

Comparative analysis of serving effect between Chinese men's volleyball team and match opponents in 2022 Men's Volleyball World Championships

Ma Haoran 1, Guo Yuze 2

¹Beijing Sport University BSU, ²Beijing Sport University BSU

Abstract:

In today's world volleyball game, serving is an important personal technology, the good or bad serving technology is related to the team's victory or defeat, serving from the pure means of scoring to become a technical form of scoring and losing points. High-quality serve can not only score points directly, but also effectively destroy the opponent's attack, reduce the success rate of the opponent's receiving serve and disrupt the opponent's organization of the strategic plan of the attack, and lay a solid foundation for the team's anti-reverse. Both sides of the game are constantly improving the aggressiveness of the serve, but also constantly improve the stability of each player's serve, so as to reduce the error rate of the serve. Therefore, the world's strongest teams are constantly researching the serve, improving the serve technology, and striving for the first serve to lay the foundation for the better play of technology and tactics. This paper mainly adopts the technical statistical method to conduct a comparative study on the effect of serving between the Chinese men's volleyball team and three world high-level men's volleyball teams in the 2022 World Championships. The study shows that: 1. Chinese men's volleyball team is in a disadvantageous position compared with the overall serving effect of the game opponent, which directly affects the victory or defeat of the game, and is the key link that causes Chinese men's volleyball team to lose three times in three battles, which is very unfavorable for the development of Chinese men's volleyball team. 2. Chinese men's volleyball team is in a disadvantageous position compared with the effect of the different serving styles of the game opponent, the performance of the vigorously jumping serve and the jumping float ball serve are lower, and the stability is poorer, and it doesn't cause threat to the opponent's first attack system. 3. Compared with the effect of serving in different positions of Chinese men's volleyball team, there is a gap between each position and the opponent, especially there is a big gap between the effect of serving in the position of the second passer and the second passer of the setter. For the Chinese men's volleyball team to better improve the effect of serving, targeted training to provide data reference.

KEY WORDS:2022 Men's Volleyball World Championship; Chinese Men's Volleyball; Serve; Effectiveness

Reference:

- [1]徐道玉.排球比赛中跳发球与站发球技术比较[J].武汉体育学院学报,1996(03):42-44.
- [2] 黄涛. 2019 世界排球联赛中国男排与世界强队发球、接发球技战术对比分析[D].扬州大学,2020.