A quantitative analysis of the effect of back row attack between Chinese women's volleyball team and world high level women's volleyball team in the 31st Olympic Games

Xiangdong Xu, Ming Zhang, Wanguang An

1Beijing Sport University; 2Beijing Sport University; 3Beijing Sport University

*Correspondence: 867497417@qq.com, Tel: +8618813187350

ABSTRACT:
With the continuous development of volleyball technology, the back row attack has gradually developed from an offensive means to an offensive tactics. Volleyball players in many countries will attack the back row not only as a helpless move when the front row can not score, but will use the back row attack into the team's attack system, making the attack become diversified, the back row attack is also playing more and more fierce, especially in some European and American countries, with the advantage of height and strong body, the back row attack has become an offensive advantage of the team. So this text uses the method of literature, technology and statistics to compare the effect of the back row attack of the women's volleyball team and the top four women volleyball teams in the 31st Olympic Games. This paper analyzes the characteristics and shortcomings of the back row attack of Chinese women's volleyball team, puts forward some suggestions for improvement, and establishes a statistical model of the back row attack effect. The results show that: the proportion of Chinese women's volleyball team using back row attack is high, the effect of back row attack is not obvious, the scoring rate of three-dimensional attack is high, and there are few mistakes. The launching areas of back row attack and three-dimensional attack of Chinese women's volleyball team are diversified, but they are mainly in position 6, and the four teams do not launch back row attack from position 5.

KEY WORDS: The 31st Olympic Games; chinese women volleyball team; back line offence; effect

Reference:
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