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A comparative study of competitive behavior of volleyball players

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Abstract

This study aimed to investigate to compare competitive behavior of male and female volleyball players 50 inter college male volleyball player (average age 21.23 years) as well as 50 inter college female volleyball players (average age 20.07 years) have been selected as sample for the present study. Competitive behavior of the selected subjects was assessed by Competitive behavior Scale prepared by Yadav (1995). Statistical analysis, including mean, standard deviation, and 't' test, was calculated to compare the competitive behavior. Result reveal competitive behavior is the significantly higher in male volleyball player as compare to female volleyball players. On the basis of result, it was concluded that competitive behavior is influenced by gender of a sportsperson.

Keywords: Competitive behavior, male & female volleyball players

Introduction

Competition is a biological as well as socio-cultural phenomenon and existing in nature and human society since long. Competitive behavior in sports is an individual behavior aimed at achieving a better position with respect to performance. It can be classified as selfishness or spite, depending on whether it has a positive or negative effect on the recipient. But whether competitive behavior is same across both the gender is a debatable issue because although sports psychologist through their scientific research has shown difference in various psychological characteristics of male and female athletes.

Hence it would be interesting to compare competitive behavior of Indian volleyball players on the basis of gender because both male and female volleyball players have excelled over world volleyball scenario over a long time. Surprisingly researchers have explored various psychological, physiological and biochemical aspects of volleyball players. Dr. Hardayal Sing (1997)^[4] Amrita Dhaka (1986)^[3] Dr. Sudhakar G. (2018)^[7] Dr. R.K. Sharma (2015)^[6] Vijay Francis Peter (2013)^[5] but competitive behavior of male and female volleyball players has not been assessed so far, hence the present study was planned.

Hypothesis

It was hypothesized that competitive behavior of male Volleyball players will be significantly higher as compared to female Volleyball players.

Methodology

To taste the above mentioned hypothesis following procedure was adopted

Sample

50 Inter College male volleyball players (average age 21.23 year) as well as 50 Inter collegiate female volleyball player (average age 20.07 year) was selected as sample for the present study.

Tools

Competitive behavior scale prepared by Yadav (1995)^[8] was used to assist competitive behavior of selected subjects.

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Procedure

Competitive behavior scale prepared by Yadav (1995)^[8] was administered to all 100 subjects according to their availability and convenience. After scoring of raw data as per author's manual, it was tabulated according to their respective gender groups. To find out the difference in Competitive behavior of male and female Volleyball players, t test was used. The result is prepared in table 1.

Table 1: Comparison of quantity behavior between male and female Volleyball players

Groups	Mean	SD	t	level of Significance
Male volleyball player (N=50)	40.40	11.66	2.64	.01
Female volleyball player (N=50)	34.38	11.05		

Observing table 1, it was found that male volleyball player showed higher magnitude of competitive behavior as compared to female Volleyball players at .01 level of statical significance, ($t = 2.64, p < 0.01$)

Conclusion

On the basis of result it was concluded that gender play the significant role in influencing competitive behavior of volleyball players. Now a day's 75% of winning in sports is considered to be depended on the mental aspects, hence while training these aspects should be trained enough so that the time of competition athletes possess excellent behavioral characteristics required for better performance.

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