

Comparative Study of Eye Hand Coordination between Basketball and Volleyball Players

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Abstract – The purpose of this study was to compare eye hand coordination between Basketball and Volleyball players. In this study thirty (30) male players were selected. The subjects selected for this study were randomly selected from Basketball and Volleyball group from S.R.T.M. University, Nanded, Maharashtra, India. Total thirty (30) players, fifteen (15) Basketball and fifteen (15) Handball players were selected. The age of the subject ranged from 18 to 25 years. Eye-Hand coordination variable was selected for this study. Eye-Hand coordination variable was measured by Eye-Hand coordination test. Descriptive statistics and independent 't' test was used for this study. Significant difference is found in respect of Neuroticism and Extraversion between track & field and handball players.

Keywords: Eye Hand Coordination.

INTRODUCTION

Today physical education, sports and games have become a part of the curriculum in school, college and universities. In the curriculum Basketball and Volleyball and different sports are included. These selected games are very popular and similar nature. One of the most important factors in the performance of any sports and skills is concerned with the co-ordination of the eyes with the feet, hands or head. Skillfulness on this are of movement, is characterized by control, accuracy and steadiness. Many of this movement involve a ball or similar object. All such movements a primary object and performer must keep the eyes trained on their primary objective while in initial part of the movement is performed. This is freely referred to as keeping your eye on the ball. As sports has developed into a distinct scientific discipline in itself and each nation is vying with each other to produce top class player to win laurels in international competitions, considerable research is devoted to identify factors that will be predictive of achieving high level of skill in a given sports with proper coaching.

METHODOLOGY

Selection of Subjects:

In this study thirty (30) subjects were selected through simple random technique by drawing lots from S.R.T.M. University, Nanded, Maharashtra, India as subjects for this study.

Selection of Variable:

The variable selected for this study was as follows:-

- 1- Eye Hand Coordination.

Criterion Measure:

The following test was selected and score was considered as criterion measure for this study:

- **Eye Hand Coordination** was measured by Eye Hand Coordination test and score was recorded in seconds.

Statistical Technique:

To compare Eye Hand Coordination test between Basketball and Volleyball players descriptive statistics and independent 't' test was used.

RESULTS OF THE STUDY

The analysis of data on selected variables that was Eye Hand Coordination collected on thirty (30) subjects from S.R.T.M. University, Nanded, Maharashtra, India. The data was analyzed by descriptive statistics and independent 't' test to compare Eye Hand Coordination between Basketball and Volleyball players.

Table No.01

Mean, Standard Deviation and 't' Values of Eye Hand Coordination

Group	Total No.	Means	S.D.	T-value
Basketball	15	17.15	0.49	0.0009163
Volleyball	15	18.27	1.07	

Table no.01 indicates mean, standard deviation and 't' values of Eye Hand Coordination of Basketball and Volleyball players are 17.15, 0.49, 18.27, 1.07 and 0.0009163. Graphical representation of above table is made in figure no.01.

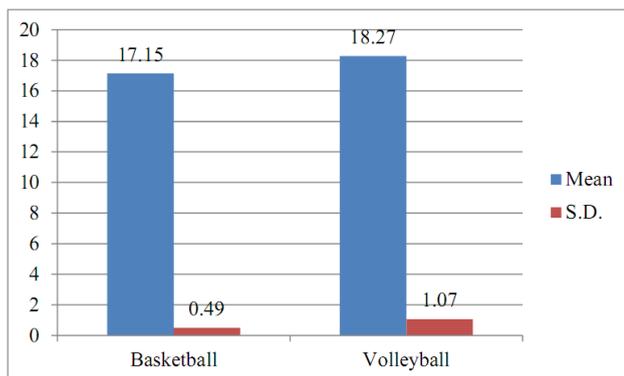


Figure No.01 Mean and Standard Deviation Values of Basketball and Volleyball Players

DISCUSSION OF FINDINGS

The Eye Hand Coordination variable is important factor to determining the performance of Basketball and Volleyball players. The statistical findings of the present study revealed that Volleyball players better Eye Hand Coordination in comparison to Basketball players.

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