

A Comparative Study of Level of Eye-Hand Coordination of Badminton Players At Different Levels

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Abstract

The main purpose of the study was investigating the comparison of level of Co-ordination of Badminton players at different levels of achievement. The present study was delimited to the following aspects, Only male Badminton players who represented intercollegiate tournament of North Maharashtra University and those who represented North Maharashtra university tournament were selected as the subjects. 30 Players from each group were selected for the study. The age of the subjects was ranging from 18 to 28 years. Appropriate as well as feasible eye-hand coordination test were used to collect data. The collection of data pertaining to Eye-Hand Coordination Performance of Badminton players at different levels of achievement was selected among the intercollegiate players who represented the NMU, Jalgaon University. The findings of the study reveal that there is a significant difference in coordination among inter collegiate and inter university Badminton players. It may be due to the reason that anxiety refers to emotional state of mind where a fear or danger or less or suffering is a prominent feature. Hence, the different standard or level of Badminton players might have different level of eye-Hand coordination.

Introduction

The main purpose of the study was investigating the comparison of level of Competitive Anxiety of Badminton players at different levels of achievement. On the basis of literature, discussion with experts and the research scholar's own understanding it was hypothesized that, there would be significant difference of Eye-Hand Coordination Performance between Badminton players of inter collegiate and inter university players. The present study was delimited to the following aspects, only male Badminton players who represented intercollegiate tournament of North Maharashtra University and those who represented North Maharashtra university tournament were selected as the subjects. 30 male Badminton inter-collegiate players of NMU, Jalgaon University and 30 inter-university players of west zone inter-university tournament were selected as the subjects for the purpose of the study and the age of the subjects was ranging between 18 to 28 years.

Test Administration: - The subject was asked to stand in the middle of the two boxes lying at a distance of 15 feet from each other. 10 balls were put on the box lying on the left side of the subject. The tester gave the command 'Ready, Steady, go!' and the tester switched on the stop watch while the subject had to run to the box on his left, takes out one ball, runs back to the left

box to take another ball for putting in the right box and repeated the process till the last ball was put in right box.

Scoring: - The subject was given two trials after a slow practice trial. The best timing was recorded in hundredth of second as the score of the subjects.

Table -1

Description of Mean, Standard Deviation and t ratio for the Data on Eye-Hand Coordination Performance of Inter Collegiate and Inter University Women Badminton Players.

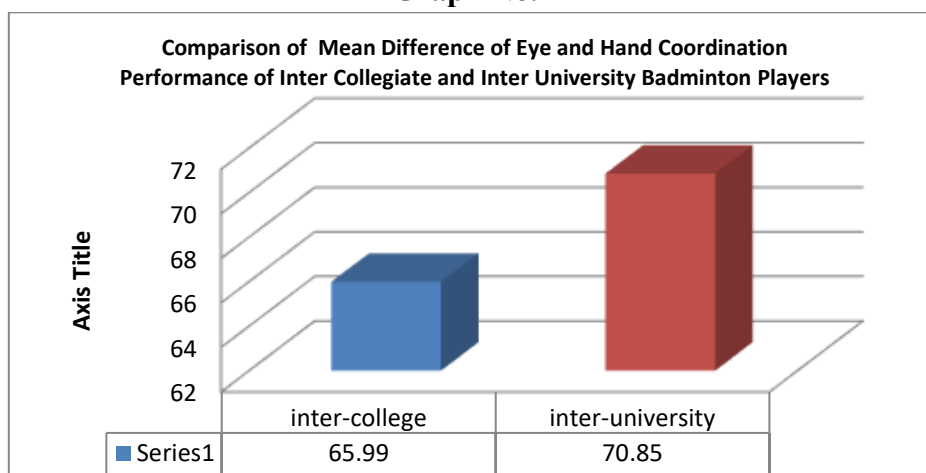
Variables	Group	N	Mean	SD	Mean Difference	't' Value
Eye-Hand Coordination	Inter Collegiate	50	65.99	9.44	18.13	2.04*
	Inter University	50	84.12	12.24		

*significant at .05 level

Tabulated t .05(98) = 1.98

It is evident from the above table that the calculated t-value of 0.012 is quite less than the tabulated t-value of 1.98 for the 98 degree of freedom at .05 level needed to be significant. Hence, it may be inferred that there is no significant difference between the Inter Collegiate and Inter University Women Badminton Players in the Eye-Hand Coordination.

Graph No. 1



Comparison of Eye-Hand Coordination Performance of Inter Collegiate and Inter University Badminton Players

The findings of the study reveals that there is a significant difference in Eye-Hand Coordination among inter collegiate and inter university Badminton players. It may be due to the reason that anxiety refers to emotional state of mind where a fear or danger or less or suffering is a prominent feature. It generally arises as a fear of some training or participating at competitive level and a person worries above events their occurrence and consequences. In the beginning of the study it was hypothesized that, there would

be significant difference in Eye-Hand Coordination Performance among Badminton players at inter collegiate and university level.

The findings of statistical analysis revealed that, there is significant difference between Eye-Hand Coordination Performance among Badminton players at different level of achievements. Hence, hypothesis stated earlier is accepted. The prime purpose of this study was to assess the Eye-Hand Coordination among the players of Eye-Hand Coordination of Badminton players at different level of achievement. 30-30 players were selected from the inter-collegiate players of NMU, Jalgaon and West Zone Inter-university Badminton players were selected for the *Eye-Hand co-ordination* test.

The data collected was treated statistically by applying standardized ('t' test). The level of significant difference if any was set at 0.05 level of confidence. The findings and results of the calculated data revealed that there was significant difference in the *Eye-Hand co-ordination* test at different level of achievement.

The coordination score of the Badminton players was obtained by using sports *Eye-Hand co-ordination* test. On the basis of the findings of this study the following conclusions were drawn-

The results of the study indicated that there was a significant in the Coordination level of Badminton players at different level of achievements intercollegiate and inter university player.

The findings of the study reveals that the Badminton players have shown more eye-hand Coordination among the intercollegiate players of NM University, Jalgaon and West Zone inter university Badminton players.

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