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A comparative study of aggression between different level boxing players

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Abstract

The present study has been designed to investigate the level of aggression among the state, national and university level boxing players. For accomplish the study total 120 boxing players (40 state level players, 40 national level players and 40 university level players) were selected through random sampling as subjects of this study. All the samples were selected from north zone who participate at state, national and university level. The age of the sample were ranged from 16 to 26. For accomplish the study Bussy & Perry, 1992 aggression questionnaire will be used. SPSS version 20 was used to apply all statistical terms and ANOVA was applied to compare the results. The level of significance was set at 0.05. We find out that national level players are having more aggression in comparison of state and university level boxing players. A significant difference was observed among different level boxing players in their aggression.

Keywords: Aggression, inter-university, state, national, boxing

Introduction

Aggression is overt, regularly harmful, social interplay with the intention of inflicting harm or other unpleasantness upon some other individual. It may additionally show up either in retaliation or without provocation. In humans, frustration due to blocked dreams can reason aggression. Human aggression can be categorized into direct and oblique aggression; even as the former is characterized by way of bodily or verbal conduct intended to motive harm to someone, the latter is characterized by conduct supposed to damage the social relations of a person or group. Boxing Forget the euphemistic 'noble art of self-defenses'; boxing is a human blood sport in which the intention is to harm one's opponents with the aid of turning in blows to their physique and sooner or later knocking them unconscious. It sanctions damage in the title of sport. Boxing is described as hostilities with the fists. According to rules, it requires the use of boxing gloves and limits felony blows to those that strike above the waist and on the front or facets of the opponent.

Objectives of the Study

- The main objective of the study was to compare the aggression among state, national and university level boxing players.

Hypothesis of the Study

- There would be no significant difference in aggression among state, national and university level boxing players.

Research Process and Methodology

- The sample for the present study was 40 state levels, 40 national level and 40 university level boxing players were randomly selected as samples.
- All the samples were selected from north zone of India.
- The age of the sample were ranged from 16 to 26.
- To accomplish the study Bussy & Perry, 1992 aggression questionnaire was used.

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Tools and Techniques

Purpose: To assess the level of aggression of subjects.

Procedure: For measure aggression a questionnaire of Bussy & Perry, 1992 was given to the subjects. In this test scoring was done by using 5 scales, rate each of this item using the following scale

Score	Description
1.	extremely uncharacteristic of me
2.	somewhat uncharacteristic of me
3.	neither uncharacteristic nor characteristic of me
4.	somewhat characteristic of me
5.	extremely characteristic of me

There is total 29 questions in this questionnaire which consist

of four factors:

1. Physical aggression (PA)
2. Verbal aggression (VA)
3. Anger (A)
4. And Hostility (H)

The total score for aggression is the sum of the factors scores.

Statistical Method

- The obtained data were analyzed by applying one way analysis of variance in order to determine the aggression among state, national and university level boxing players.
- The level of significance was set at 0.05.
- For obtaining reliable result special statistics software (SPSS-20) was used.

Table 1: Mean difference between state, national and university level boxing players in their aggression (N = total numbers of students)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
State level players	40	74.20	9.97	1.57	71	77.39	47	94
National level players	40	85.60	14.30	2.26	81.02	90.17	53	119
University level players	40	82.10	9.96	1.57	78.91	85.28	55	102
Total	120	80.63	12.45	1.13	78.38	82.88	47	119

The table no 1 shows the characteristic of selected sample among all discipline and it was observed that mean and standard deviation of state level Boxing players were 74.20±9.97 and mean and standard deviation of national level Boxing players were 85.60±14.30 and mean and standard

deviation of university level Boxing players were 82.10±9.96 respectively. As parametric assumptions the obtained data were found normally distributed and can be performed for further parametric treatment.

Table 2: Analysis of variance aggression

	Sum of squares	Df	Mean square	F	Sig.
Between Groups	2728.2	2	1364.1	10.14	.000*
Within Groups	15739.6	117	134.5		
Total	18467.8	119			

*significant at 0.05 level

Table 2 revealed the comparative analysis in the terms of inferential statistics one way analysis of Variance ANOVA. It was observed that the calculated value of F was 10.14 which was statistically significant at 0.05 level of significance (P <

0.05). It means there is a significant difference was observed between the players of different level of competitions in their respective variable. The description of group difference was given in Post Hoc Analysis.

Table 3: Post hock table

		Mean difference	Std. error	Sig.
State Level Players	National Level Players	11.40*	2.59	.00
	University Level Players	7.09*	2.59	.00
National Level Players	State Level Players	11.40*	2.59	.00
	University Level Players	3.50	2.59	.18
University Level Players	State Level Players	7.90*	2.59	.00
	National Level Players	3.50	2.59	.18

* The mean difference is significant at the 0.05 level.

An analysis of table no.3 reveals that national level players are having more aggression in comparison of state and university level boxing players. University players are having

more aggression in comparison of state level players. There is not significant difference in between university and national level boxing players.

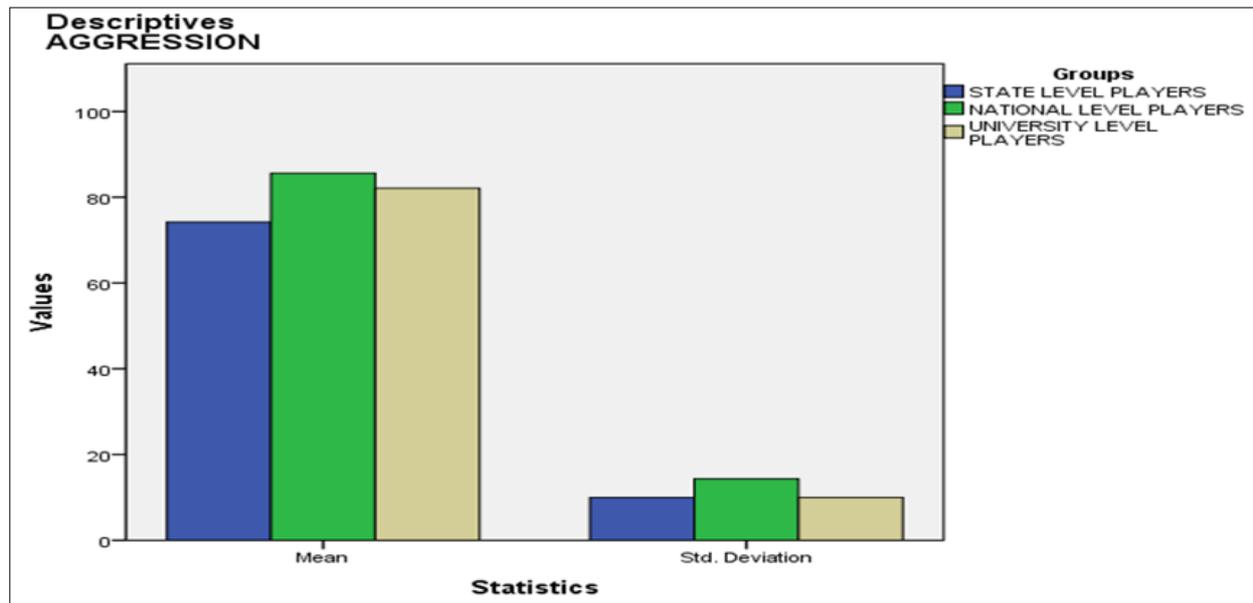


Fig 1: Mean Difference between State, National and University Level Players in Their Aggression

Result

A significant difference was observed between state level players and university level players' students in their aggression level. That is why hypothesis-1 "There would be no significant difference in aggression between state, national and university level boxing players." which was formulated earlier was rejected.

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