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Aggressive Tendency: Comparative study of individual and team games players

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Abstract

The goal of this study was to compare the aggressive tendencies of individual and team sports players. For this study, the researcher selected a total of 80 players from various individual and team sports. 10 subjects were taken from each selected sport. To test the subjects, they were tested during the inter-university competition. In this study, subjects were taken from Athletics, Judo, Taekwondo and Wrestling as individual sports and players of Hand Ball, Kabaddi, Volley Ball, Basket Ball were taken as team sports. To test the aggression of the subjects, the Aggressive Tendency Scale created by Dr. Preeti Tiwari (1996) was used. For statistical analysis standard procedures have been adopted. Mean and SD were first computed. Then data were analyzed by 't' test and One-Way ANOVA method. It was concluded that there is a significant difference in the aggressive tendency of players of individual games and team games. The results also show that players of team games have more aggressive tendency as compared to players of individual games. On comparison of all the selected games, it was found that players of Kabaddi and Basketball have more aggressive tendency.

Keywords: Aggressive, individual and team games, more aggressive tendency

Introduction

Aggressiveness is different in every person. Aggressiveness can be developed due to many reasons like aggressiveness can be developed when a person rebels, aggressiveness can also be developed due to enmity and jealousy towards a person. If a person is quarrelsome, then also aggressiveness can be developed. Doubting another person, blaming others or lying without reason can also develop aggressiveness. Aggressiveness can also be generated due to feeling of revenge against a person. Aggressiveness can also be developed due to a child experiencing rejection. In the context of a player, aggressiveness is the aggressive behavior done by the player. When a player tries repeatedly to achieve his goal in the game, but when these attempts fail, he shows aggressive behavior. Aggressive tendency: When a player attacks another player forcefully to achieve his goal in the game, it is called aggressive tendency. The intention to hurt one's competitor activity by attacking him is called aggressive behavior. In simple words, we can say that aggressive tendency is a type of nature which shows an aspect of personality. Aggressive tendency is the emotional sensitivity of a person. The characteristics of a player and the situation arising during the game can influence him to become aggressive. Similarly, the social environment is also responsible for aggressive tendency. We often see that a player fails repeatedly or has to face failure due to a particular player, then feelings of anger develop in that player, then he actually physically attacks that player or verbally abuses him, this is called aggressive behavior.

Methodology

For this study, the researcher selected a total of 80 players from various individual and team sports. 10 subjects were taken from each selected sport. To test the subjects, they were tested during the inter-university competition. In this study, subjects were taken from Athletics, Judo, Taekwondo and Wrestling as individual sports and players of Hand Ball, Kabaddi, Volley Ball, Basket Ball were taken as team sports. To test the aggression of the subjects, the Aggressive Tendency Scale created by Dr. Preeti Tiwari (1996) was used.

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The reliability of this questionnaire was 0.91 and validity was 0.78. This questionnaire consisted of a total of 40 statements and three options were given in it which were 'always', 'sometimes' and 'never'. The raw scores obtained after testing the subjects were converted into standard scores on the basis of scoring key and aggression was measured on that basis.

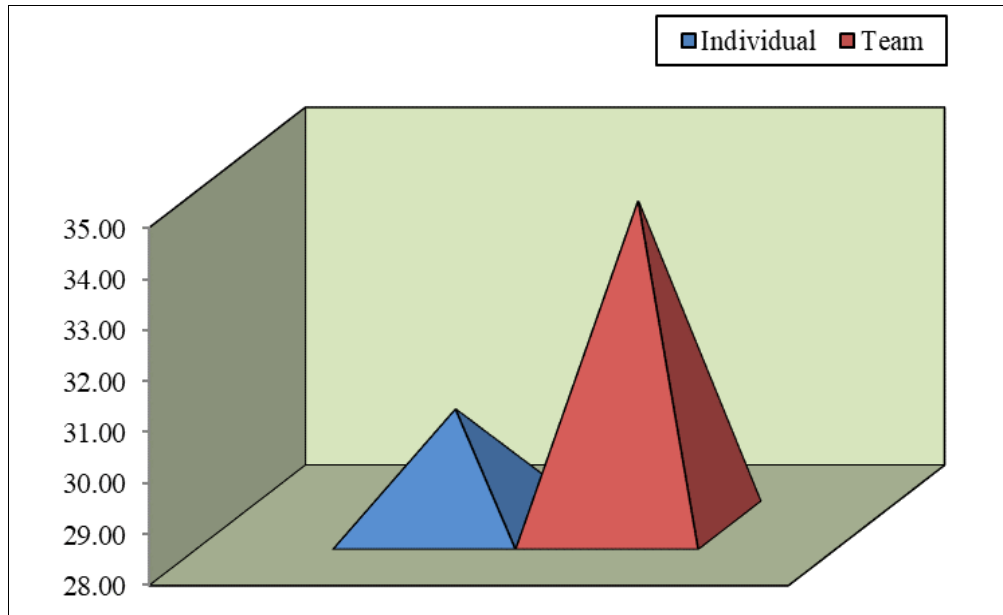
Statistical Techniques

For statistical analysis standard procedures have been adopted. Mean and SD were first computed. Then data were analyzed by 't' test and One-Way ANOVA method.

Table 1: Comparison of aggressive tendency between individual and team games players

Group	Mean	SD	SE	MD	Ot	DF	Tt
Individual	31.03	5.35	1.20	3.33	2.767*	78	1.665
Team	34.35	5.40					

Table 1 indicates that the obtained 't' value of 2.767 between individual and team games players in aggressive tendency was found to be significant at 0.05 level of confidence as obtained value of 1.665 with 78 degree of freedom.



Graph 1: showing mean difference of individual and team games players in aggressive tendency

Table 2: Analysis of Variance (ANOVA) of the means of different games players with compare to aggressive tendency

Source of Variation	SS	DF	MS	F
Between Groups	861.49	7	123.07	5.498*
Within Groups	1611.70	72	22.38	

*significant at 0.05 level, $F_{0.05}(7,72) = 2.140$

Table-2 reveals that there was significant difference between the means of athletics, judo, Taekwondo, wrestling, handball, kabaddi, volleyball and basketball of aggressive tendency. The calculated 'F' was 5.498 where as tabulated 'F' was

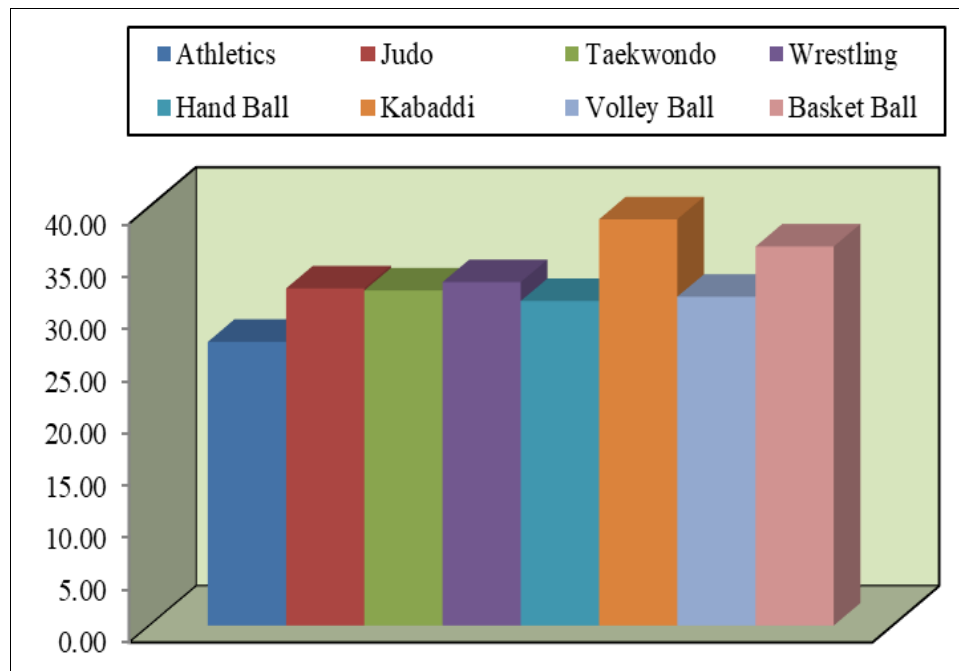
2.140. Calculated 'F' greater than the tabulated 'F', which shows significance in athletics, judo, Taekwondo, wrestling, handball, kabaddi, volleyball and basketball of aggressive tendency.

Table 3: Showing mean of all groups in aggressive tendency

Groups	Count	Sum	Average	Variance
Athletics	10	271	27.10	41.21
Judo	10	322	32.20	13.07
Taekwondo	10	320	32.00	16.44
Wrestling	10	328	32.80	29.96
Hand Ball	10	310	31.00	20.00
Kabaddi	10	388	38.80	9.51
Volley Ball	10	314	31.40	35.82
Basket Ball	10	362	36.20	13.07

Table 3 clearly revealed that difference was found between the means of athletics, judo, Taekwondo, wrestling, handball, kabaddi, volleyball and basketball of aggressive tendency. The sequence of aggressive tendency in all groups was

(38.80) kabaddi > (36.20) basketball > (32.80) wrestling > (32.20) judo > (32.00) taekwondo > (31.40) volleyball > (31.00) handball > (27.10) athletics. As mean value is more than aggressive tendency is more and vice versa.



Graph 2: Showing mean difference of individual and team games players in aggressive tendency

Conclusion

It was concluded that there is a significant difference in the aggressive tendency of players of individual games and team games. The results also show that players of team games have more aggressive tendency as compared to players of individual games. On comparison of all the selected games, it was found that players of Kabaddi and Basketball have more aggressive tendency. On the basis of the findings, it can be said that aggressive tendency of players is seen more or less as per the format of the game. The researcher suggests that aggressive tendency of players should be studied at the time of selection of players so that appropriate selection of players can be done as per the format of the game.

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