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Comparative study of aggression and will to win between defenders and attackers in soccer

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Abstract

The study was framed to compare the Aggression and Will to Win between Defenders and Attackers in Soccer of Awadhesh Pratap Singh University Rewa (India). The subjects for this study were taken 40, in which 20 Defenders and 20 Attackers. The Aggression and Will to win of subjects is gauged by Standard Questionnaires. The Aggression Questionnaire developed by R L Bhardwaj is used for the collection of data it contains 28 items and the Will to Win developed by Anand Kumar and Prem Shankar Shukla is used and contains 14 items. It was hypothesized that, there will be significant difference of will to win and Aggression between defenders and attackers in soccer. The analysis of the data was done by applying 't' test. The level of significance was set at 0.05 levels. The analysis of data has been presented in the following order Means, Standard Deviations, the range of scores was calculated and represented in tabular and graphical form. For testing the hypothesis and to find out the significant differences between the means of the both groups the 't' test for independent samples was applied.

Keywords: Aggression, Will to Win, Defenders, Attackers

Introduction

Sports have developed into a distinct scientific discipline in itself and each nation vying with each other to competitions. Now a day sports has become an essential part of life millions of fans follow different sports events all over the world with an enthusiasm bordering on devotion. The soccer is the most popular and most attended spectacular game in the world. It is not merely a game. It is a part of one's life. The game of soccer is a very vigorous and strenuous one, the need physical fitness of all the players. Psychology is an academic and applied discipline involving the scientific study of mental processes and behavior. It is critical that the practitioner understand the effect of sports psychology on the individual's body to plan the programmes' to achieve the desired outcomes and to maintain the effect of such programmes on the individuals. Psychological parameters such as Aggression and will to win play an important requisite for outstanding performance in any sports activity. The psychological and physical parameters seem to play a very important role in the modern competitive sports in production of more excellent performance. A team game is an activity in which a group of individuals, on the same team, work together to accomplish an ultimate goal which is usually to win.

1. **Attacker:** A player whose job is to play the ball forward towards the opponent's goal area to create scoring opportunity.
2. **Defenders:** A defender is an outfield player whose primary role is to prevent the opposition from attacking.
3. **Aggression:** The term aggression refers to a range of behaviors that can result in both physical and psychological harm to oneself, other or objects in the environment.
4. **Will to win:** The will to win, the desire to success the urge to reach your potential these are the keys that will unlock the door to personal excellence. The excellence comes from your desire.

Therefore the study was undertaken for the selected psychological variables i.e. Aggression and Will to Win among Defenders and Attackers in soccer.

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Methodology

40 Subjects were selected from Awadhesh Pratap Singh University Rewa (India) 20 Defenders and 20 Attackers of Soccer. Age of the subjects ranging from 18-28 years. The subjects were taken by available sampling method. They were the current Soccer Players of affiliated colleges of Awadhesh Pratap Singh University Rewa (India) in the year 2016. The tests were administered on each player individually with the help of standard scientific Questionnaire.

Collection of data

The data obtained from Defenders' and Attacker's of Soccer was taken by Standard Questionnaire. While as Aggression questionnaire constructed by R L Bhardwaj is used for the collection of data it contains 28 items and will to win questionnaire constructed by Anand Kumar and Prem Shankar Shukla is used and contains 14 items.

Statistical Techniques

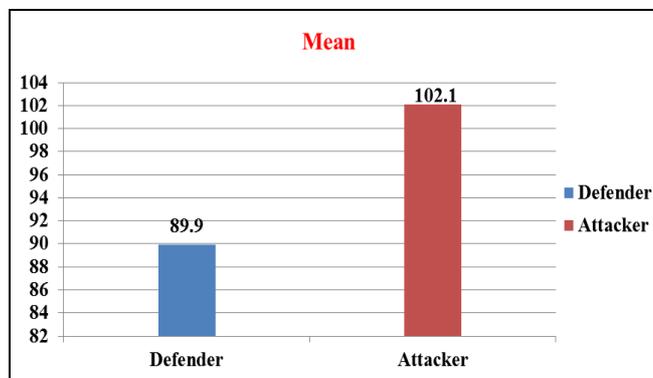
The data will be analyzed by using independent 't' test and interpretations will be drawn.

Table 1: Comparison of Aggression Between Defenders and Attacker of Soccer Players

Group	Mean	S.D.	M.D.	D.F.	O.T.	T.T.
Defender	89.9	7.52	12.22	38	4.94	2.02
Attacker	102.1	8.08				

*Level of Significance = 0.05
Tabulated 't' 0.05 (38) = 2.02

Table-1 reveals that there is difference between means of defenders and attacker of soccer players, because the mean of defenders is 89.9, less than attacker which is 102.1, and their mean difference is 12.22. To check the significant difference of Aggression level of defender and attacker of soccer players the data is analyzed by applying 't' test. Before applying test, standard deviation is calculated between defenders and attacker of soccer players which is 7.52 and 8.08 respectively. After applying 't' test it was found that there is significant difference in Aggression level between defenders and attacker of soccer players because value of calculated 't' (4.94) which is greater than tabulated 't' (2.02) at 0.05 level of significance, which indicates or shows that there is a significant difference in Aggression between defenders and attacker of soccer players. So the researcher's pre assumed has been accepted.



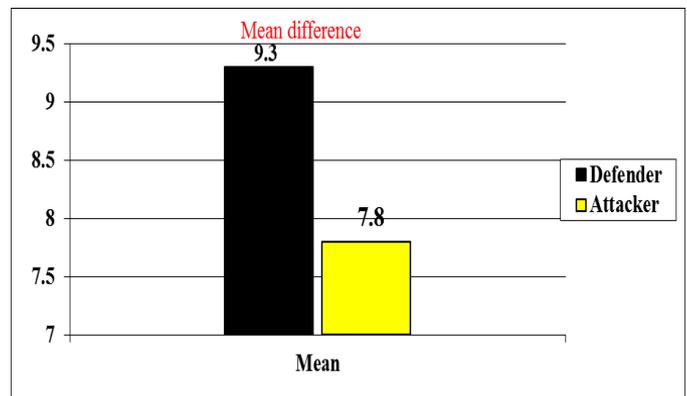
Graph 1: Graphical Representation of Mean Difference Aggression between defenders and attacker of soccer players

Table 2: Comparison of will to win between defenders and Attacker of soccer players

Group	Mean	S.D.	M.D.	D.F.	O.T.	T.T.
Defender	9.3	2.03	1.5	38	2.39	2.02
Attacker	7.8	1.94				

*Level of Significance = 0.05
Tabulated 't' 0.05 (38) = 2.02

Table-1 reveals that there is difference between means of defenders and attacker of soccer players, because the mean of defenders is 9.3, greater than attacker which is 7.8, and their mean difference is 1.5 To check the significant difference of will to win of defender and attacker of soccer players the data is analyzed by applying 't' test. Before applying test, standard deviation is calculated between defenders and attacker of soccer players which is 2.03 and 1.94 respectively. After applying 't' test it was found that there is significant difference in will to win between defenders and attacker of soccer players because value of calculated 't' (2.39) which is greater than tabulated 't' (2.02) at 0.05 level of significance, which indicates or shows that there is a significant difference in will to win between defenders and attacker of soccer players. So the researcher's pre assumed has been accepted.



Graph 2: Graphical Representation of Mean Difference Will to win between defenders and attacker of soccer players

Summary

Aggression and will to win has close relationship with each other. Both aggression and will to win is a natural part of competition at any level. It may be at international level, national level, inter university level or inter collegiate level. Aggression may help the athlete to give the high performance during the competition. If a player has curiosity to win then he is aggressive during the game. The researcher always observes that the soccer players or the famous players are more aggressive and they have tendency to win the game. That's why the researcher wants to know the aggression and will to win of the soccer players. So the researcher has taken the study.

Conclusion

Lastly researcher conclude that in this study aggression of attacker player is high than defender players, according to the analysis of data. So here we can say that Aggression plays an important role in every competition because when serious conditions arises during game the aggression of players dominant the others and they achieve their goal. Aggression is must for both players especially for attacker players in critical situations to face the hardships.

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