



International Journal of Physical Education, Sports and Health

P-ISSN: 2394-1685
E-ISSN: 2394-1693
Impact Factor (RJIF): 5.38
IJPESH 2017; 4(1): 58-59
© 2017 IJPESH
www.kheljournal.com
Received: 11-11-2016
Accepted: 12-12-2016

Bhupender Kumar
Research Scholar,
Department of Physical
Education, Panjab University,
Chandigarh, India

Dr. Amandeep Kaur
Assistant Professor,
Department of Physical
Education, GGS Khalsa College
for women Sec-26,
Chandigarh, India

Assessment of aggression behaviour between fast bowlers and batsman in cricket a comparative study

Bhupender Kumar and Dr. Amandeep Kaur

Abstract

The main purpose and objective of the present study is to compare the aggressive behaviour between fast bowlers and batsman in cricket. A total of 44 state level male subjects age ranged between 15 -19 years were selected for this study from Cricket Coaching Centre, Jind (Haryana) approved by BCCI. All the subjects, after having been informed about the objective and protocol of the study. They were further divided into two groups of 22 each (N1=22;fast bowlers and N2 =22; batsman). Aggression has been assessed using Dr. G.C. Pati in Hindi version Aggression Questionnaire. For the data aggression behaviour the t- test was employed to find out the significant differences between male fast bowlers and batsman. The results revealed significant differences between fast bowlers and Batsman on the psychological variables Aggression behaviour.

Keywords: Fast bowlers, batsman, aggressive behaviour, comparative study

1. Introduction

Cricket is a gentlemen game. Whenever a tournament starts, the cricket enthusiasts forget their daily work and are glued to the television set. These days Aggressive behaviour has become a topic of vital importance and a major concern in most societies. The whole world seems to be under the strain of aggressive acts of various forms. Violence is disturbingly common in most parts of the world and it is undoubtedly creating chaos and disturbing the world peace and harmony.

The term aggression is used in several ways. We speak of "good" aggression and "bad" aggression. Aggression or aggressive behaviour is a term that is used extensively in sports. "Aggressive behaviour is an unprovoked hostility" Psychologists define aggression as "any form of behaviour directed toward the goal of harming or injuring another living being who is motivated to avoid such treatment. Behaviour of any kind that is carried out the intention of harming another person is a called as aggression. Aggression is a desirable behaviour in sports & games for maximum performance. Player have to be aggression due to the nature of the games. Frustration is the cause of aggression. The amount of aggression is usually determined by the level of the frustration produced by the particular situation. The level situation will be affect by drive strength, degree of interference, the number of thwarted response sequence.

2. Method and Procedure

2.1 Selection of subjects

To achieve the objective of the study, a total of 44 state level male subjects age ranged between 15 -19 years were selected for this study from Cricket Coaching Centre, Jind (Haryana) approved by BCCI. They were further divided into two groups of 22 each (N1=22;fast bowlers and N2 =22; batsman). To compare the aggression level between fast bowlers and batsman, the data were collecting by using by Dr. G.C. Pati. Aggression questionnaire

2.2 Statistical Procedure

Independent t-test was employed to compare between male fast bowler and Batsman. The level of significance was set at 0.05 level. The statistical analysis was conducted by using SPSS 16 software.

Correspondence
Bhupender Kumar
Research Scholar,
Department of Physical
Education, Panjab University,
Chandigarh, India

3. Results

Table 1: Mean, Standard Deviation, Standard Error of the Mean, t- value and p- value of Fast Bowler and Batsman

Variables	Mean		SD		SEM		t- Value	P- value
	Fast Bowlers	Batsman	Fast Bowlers	Batsman	Fast Bowlers	Batsman		
AGGRESSION	26.64	22.77	2.592	3.753	0.553	0.8	3.973	00

*Significant at 0.05 level, Degree of freedom=42

Table no.1 shows the mean and SD value of Fast Bowlers on the variable of Aggression as 26.64 and 2.59 respectively. However, Batsman had mean and SD values as 22.77 and 3.75 respectively. The 't' - value 3.973 as shown in the table above

was found statistically significant ($P > .05$).

The comparison of mean scores of both the groups has been presented graphically in figure 1

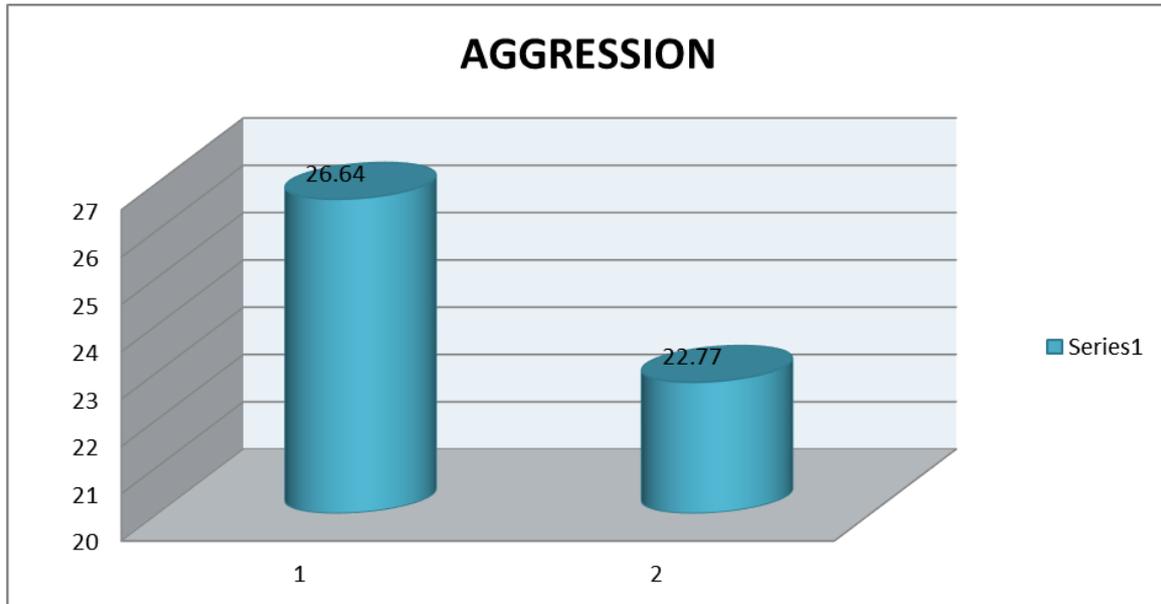


Fig 1: Graphical representation of mean scores of fast bowler and Batsman on the variables i.e. Aggression

4. Conclusion

Based on the finding and with in the limitation of the present study, following conclusions were drawn:- significant different found between fast bowler and batsmen on the variables of aggression behaviour.

5. References

1. Anand KS, Shukla PS. Manual for aggression inventory Kumar Publication, Varanasi, 1988.
2. Bharat B. Anxiety, aggression and team cohesion as related to performance in selected team sports, 2002.
3. Burris FH. Aggression in boxers and wrestlers as measured by protective technique, The research quarterly, 1975.
4. Chris G. Using A Direct Observation Approach To Study Aggressive Behaviour In Hockey. 2006; 8:1.
5. Ciccolella ME. Differences in Aggression of male and female athletes, Dissertation Abstract International, 1978.
6. Husman BF. Aggression in Boxers and Wrestlers as measured by projective test of personality, Research Quarterly, 1955.
7. Jorge D. Does brief Akido training reduce aggression for youth perceptual and motor Skills. 1995; 80(1):297-298.
8. Kamlesh ML. Psychology of physical education and sports. New Delhi: Metropolitan books company Pvt. Ltd, 1983.
9. Khan N, Khan S. Comparative study of sports competitive anxiety and sports achievement motivation between basketball players and All India Intervarsity running events athletes, 2014.

10. Pati GC. Aggression Questionnaire, Mental Health Institute, SCB Medical College, Cuttack, Orissa, 1976.
11. www.shodhganga.infinet.in
12. www.en.wikipedia.org/wiki/Cricket