

# Aggression among Inter-Collegiate Men Cricket Players of Kuvempu University

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*In present days, the progress of physical abilities is not considered adequate alone in exploiting the performance in sporting activities. It is emphasized that the psychological capacity has become important as well as the improvement of the physical capacity for performance enhancement.*

*Present sports are established on technical, physical, tactical and psychological measures. In the present scenario of competition players should not neglect any feature of games and sports like perfection of skills, techniques involved, motor performance components and psychological capabilities. All these characteristics are to be established on scientific appearances.*

*Aggression is any method of behavior focused toward the aim of hurting or injuring another human being who is inspired to elude such action. Importantly, this definition requires that an aggressive behavior must include both the intent to harm another, from the standpoint of the aggressor, and a living being who desires to avoid the aggressive act.*

Aggression is a distinct kind of conduct, which is dissimilar from emotion. Experts have well-defined the thought of aggression as a deliberate response given by an individual to impose pain or damage on another individual. An aggressive conduct is differing to the notion of assertion. Aggression is an influential behavior, however, undesirable. When an individual performs some distrustful action with the intention of injuring another individual or his opponent, the act of these will yield a destructive form. A significant feature of violent behaviour, but it does not rise naturally, but it is developed purposely by an individual.

There are numerous sports events in which sports persons are required to act aggressively. Today, as per expert's opinion, several aggressive and hazardous movements have been barred in sports competitions, and they have also defined in rules & regulations.

Numerous steps have taken to dampen aggressive act in sport arena. Although it has proved that aggressive conduct or actions are able to result in penalization of sportspersons. Different standard of aggression is essential for different sports events. In few activities, the smallest amount aggressive action is considered unsuitable. But, in various athletic activities, constituent of aggression considered an important and crucial aspect for player and team partaking in the sports competition.

Cricket is a sport of two squads of eleven players played with willow bat and leather ball. It is one among the primogenital game in the universe and has its derivation during sixteenth century in England. The growth of British Kingdom binged this once royal recreational sport into an energetic game to all places. Currently cricket appears to be a simulated lifeline of many British ruled nations.

Cricket is a sport a team needs to bat and bowl conferring to definite regulations. A team which notches the bigger number of scores will be the victor. In historic days, the sport was played in various titles in different nations. The sport of Cricket is established from a guileless game of thrashing a thing with a part of lumber. Mainly it is the encounter between ball and bat, but the method has transformed from period to period.

## **Objective of the Study**

Objective of the study is to discover whether any significant variance in aggression among Inter-Collegiate men cricket players of Kuvempu University.

## **Statement of the Problem**

- The intention of the existing inquiry was to examine and equate the variance in aggression among Inter-Collegiate men cricket players of Kuvempu University. The age of the subjects ranges from seventeen (17) to twenty-four (24) years.
- Random sampling was adopted to choose the subjects for this investigation.
- The investigation was confined to Inter-collegiate men cricket players.
- Sample was restricted to cricket men players only.
- Cricketers separated into three groups, namely batsmen (forty), bowlers (forty), and all-rounders (forty).

## **Hypotheses of the Study**

There would not be any significant difference in aggression among batsmen, all-rounders and bowlers.

## **Significance of the Study**

- The discovery of the present study would be of worth in a cricket game.
- The study would be used as a supportive device for the coaches, trainers, physical education teachers and cricket men players for preparing for tournaments.
- The study may provide crucial inputs for selecting potential men cricket players.

## METHODOLOGY

In this chapter, research procedure associates the scientific techniques by which the investigator initiates with the major discovery of the crisis to its last conclusion. The function of the methodology is to execute the research task in a precise and applicable way.

The random sample method was engaged to pick the sample for analyzing and comparing variance in aggression. The aggression tool established by Anand K and Prema Shankar was being administered to each subject to identify the aggression of men cricket players. And scoring was done as per the Answer Keys. Aggression questionnaire was administered before the match.

### LOWEST, LARGEST, AVERAGE AND STD. DEVIATION VALUE OF AGGRESSION AMONG INTER-COLLEGIATE MEN CRICKET PLAYERS OF KUVEMPU UNIVERSITY

| Sl.No. | Variable     | Lowest | Largest | Average | Std. Deviation |
|--------|--------------|--------|---------|---------|----------------|
| 1      | All-rounders | 16.00  | 29.00   | 22.0000 | 3.53735        |
| 2      | Bowlers      | 14.00  | 28.00   | 18.2750 | 3.05495        |
| 3      | Batsmen      | 12.00  | 28.00   | 20.1500 | 5.04620        |

The table shows the lowest, largest, average and std. deviation of aggression among Inter-Collegiate men cricket players of Kuvempu University. The average and standard deviation of all-rounders are 22.0000 and 3.53735, bowlers 18.2750 and 3.05495, power of batsmen 20.1500 and 5.04620 respectively.

### POST HOC ANALYSIS OF AGGRESSION AMONG INTER-COLLEGIATE MEN CRICKET PLAYERS OF KUVEMPU UNIVERSITY.

| Group Averages |         |         | Average difference |
|----------------|---------|---------|--------------------|
| All-rounders   | Bowlers | Batsmen |                    |
| 22.0000        | 18.2750 |         | 3.72500*           |
| 22.0000        |         | 20.1500 | 1.85000*           |
|                | 18.2750 | 20.1500 | -1.87500*          |

\*Significant at .05 level

The table reveals that, there were significant differences in aggression between all-rounders and bowlers, all-rounders and batsmen, bowlers and batsmen Inter-Collegiate men cricket players of Kuvempu University.

**ANOVA (ONE WAY) IN AGGRESSION AMONG INTER-COLLEGIATE MEN CRICKET  
PLAYERS OF KUVEMPU UNIVERSITY.**

| Variables  |                | Total of squares | Degree of freedom | Average square | F     | Sig. |
|------------|----------------|------------------|-------------------|----------------|-------|------|
| Aggression | Between Groups | 210.525          | 9                 | 23.392         | 2.544 | .010 |
|            | Within Groups  | 1379.375         | 150               | 9.196          |       |      |
|            | Total          | 1589.900         | 159               |                |       |      |

- \*Significant at 0.05 level  $F_{.05}(10,150) = 2.19$

The table reveals that there was significant difference in AGGRESSION ( $F=2.544$ ), among Inter-Collegiate men cricket players of Kuvempu University. As the F ratios were found significant in aggression, Post Hoc (LSD) technique applied to trace the significant differences between the paired averages.

## Findings

The statistical analysis of the data on aggression among Inter-Collegiate men cricket players of Kuvempu University showed the following findings.

- The outcome of the study reveals that there was significant variation in aggression among all-rounders, bowlers and Batsmen of men cricket players. All-rounders, stood first, followed by batsmen and bowlers. All-rounders are very key players in cricket game and also they are game changers so all-rounders be more aggressive while bowling and batting.
- The results reveal a significant difference in aggression, among Inter-collegiate men cricket players.

## Hypothesis

There would not be any substantial variances in aggression among batsmen, bowlers and, all-rounders. The results depicts difference is significant in aggression. So null hypothesis were overruled and substitution hypothesis was formulated that there is a significant difference in aggression among batsmen, all-rounders and bowlers.

## Summary

The intention of the existing research was to investigate and compare the variance in aggression among Inter-Collegiate men cricket players of Kuvempu University. To attain the goal of the research study, the researcher had selected inter collegiate men cricket players. Age of players ranged between seventeen (17) to

twenty four (24) years. The random sample method was engaged to pick the sample for analyzing and comparing the variance in aggression.

The data required for the investigation were collected by using standardized psychological tools. The questionnaire which was standardized and constructed by A Kumar and Prema Shankar was used to analysis and compare the data. Analysis of variances one-way (ANOVA) was applied and LSD (multiple test) post hoc tests was used to analyze the variations among Inter-collegiate men cricket players. Significance level was 0.05. The IBM SPSS 23.0 version was applied to evaluate the data of this study.

## Conclusions

Within the restrictions of the study subsequent conclusions were made: The outcome of the study reveals that there was significant variation in aggression among All-rounders, bowlers and Batsmen of Inter-collegiate men cricket players of Kuvempu University. All rounders, stood first, followed by batsmen and bowlers.

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