

SUPERSTITIOUS RITUALS AMONG INTERUNIVERSITY FOOTBALL HOCKEY AND CRICKET PLAYERS



HEALTH SCIENCE

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ABSTRACT

The purpose of the study was to find out Superstitious rituals among interuniversity level men's Football, Cricket and Hockey players. To achieve the purpose of the study 90 Interuniversity level Men's Football, Cricket and Hockey players were randomly selected and equally divided in to three groups consisting of 30 interuniversity players each in Football, Cricket and Hockey. The age groups of the selected subject were ranged from 18 to 27 years. The Superstitious questionnaire was used for the collection of data which is developed by Bleak and Frederic (1998). The collected data were subjected to statistical analysis of variance (ANOVA) and followed by Scheffe's post hoc test to find out the paired means of the significant difference at 0.05 level of confidence. It is concluded that there is no significant differences in interuniversity level men's Football, Cricket and Hockey players.

I. INTRODUCTION

SUPERSTITIOUS RITUALS

Superstitious belief, according to its popular meaning, refers to the notion that a ritual or activity can have a positive or negative impact on the events in one's life. No empirical evidence exists to support a superstitious belief, and a pejorative use of the phrase emphasizes its irrationality. Attempts to define and explain superstitious beliefs have appeared throughout Western history, especially in the areas of religion, psychology and anthropology.

"Science is the great antidote to the poison of enthusiasm and superstition." - **Adam Smith.**

"The root of all superstition is that men observe when a thing hits, but not when it misses." - **Francis Bacon.**

STATEMENT OF PROBLEM

The purpose of the study was to find out Superstitious Rituals among interuniversity level men's Football, Cricket and Hockey players.

II .METHODODOLOGY

The purpose of the study was to analysis the Superstitious rituals among interuniversity level men's Football, Cricket and Hockey players. Superstitious rituals questionnaire was used for collection of data which is developed by Bleak and Frederic (1998). . It consisted of forty six questions; The investigator was motivated to analyze Superstitious rituals to find out the psychological variables among interuniversity men's Football, Cricket and Hockey players.

DEPENDENT VARIABLES

1. Superstitious rituals

INDEPENDENT VARIABLES

1. Football
2. Cricket
3. Hockey

COLLECTION OF DATA

This chapter describes statistically treated data results findings and discussions with regards to study the Superstitious rituals of inter university level men's Football, Cricket and Hockey players. The statistical analysis of data collected from 30 interuniversity men's Football, Cricket and Hockey players have been presented here. The aim of the study was to find out Superstitious rituals of interuniversity men's Football, Cricket and Hockey players in order to find out the difference among these groups, ANOVA was computed for significant difference at 0.05 level of confidence.

SUPERSTITIOUS RITUALS

a. Clothing and Appearance

Table I: Descriptive scores of Clothing and Appearance among inter university level men Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	44.93	8.72	1.59
HOCKEY	30	44.60	6.30	1.15
CRICKET	30	42.17	9.46	1.73

It is observed from table I that the mean value of clothing appearance for Football ball players is, 44.93 for Hockey

players, it is 44.60 and Cricket players, it is,42.17 The standard deviation is. 8.72, 6.30 and 9.46 respectively for inter university level women Basketball, Handball and Volleyball players.

Table I (A): Analysis of variance of Clothing and Appearance among inter university level men Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig
Between	136.87	2	68.43	1.00	.372
Within	5949.23	87	68.38		
Total	6086.10	89			

* The mean differences significance at the 0.05 level

Table I (A) reveals that the obtained significant value of .372 is higher than the required significant value of .005, thus showing a in significant difference among the groups on the clothing and appearance.

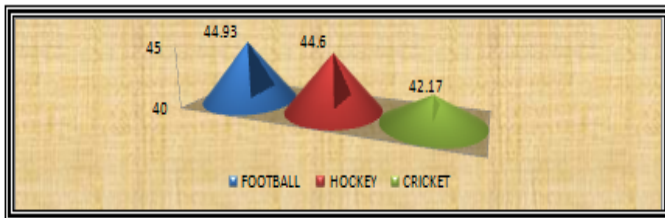


Figure I: Bar diagram showing the mean difference of Clothing and Appearance among inter University level men Football, Hockey and Cricket players

b. Fetish

Table II: Descriptive scores on Fetish among inter university level men Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	18.73	5.82	1.06
HOCKEY	30	19.10	4.51	.82
CRICKET	30	17.20	4.43	.81

It is observed from table 2 that the mean value of fetish for Football players is, 18.73, Hockey players, it is 19.10 and Cricket players, it is, 17.20The standard deviation is 5.82, 4.51 and 4.43 respectively for inter university level Football, Hockey and Cricket players.

Table II (A): Analysis of variance of Fetish among inter university level men Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig.
Between Groups	60.96	2	30.48	1.24	.295
Within Groups	2143.37	87	24.64		
Total	2204.32	89			

*The significant at 0.05 levels

Table 2 (A) reveals that the obtained significant value of .295 is higher than the required significant value of .005, thus showing a in significant difference among the groups on the Fetish.

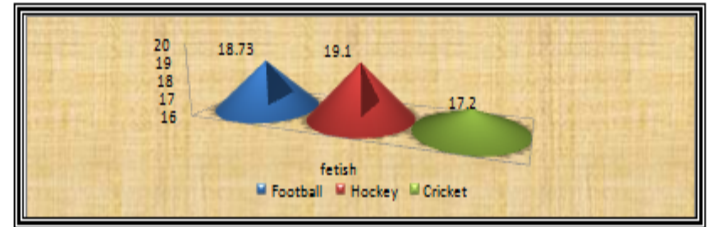


Figure II: Bar diagram showing the mean difference of Fetish among inter university level men Football, Hockey and Cricket players. Pre-game activities

Table III: Descriptive scores on pre-game activities of inter university level men Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	16.87	3.39	.62
HOCKEY	30	16.73	2.61	.48
CRICKET	30	17.10	3.87	.71

It is observed from table 3 that the mean value of pre-game activities for Football players is 16.87, Hockey players, it is ,16.73 and Cricket players, it is, 17.10. The standard deviation is 3.39, 2.61 and 3.87 respectively for inter university level Football, Hockey and Cricket.

Table III (A): Analysis of variance of pre-game activities among inters university level men Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig.
Between Groups	2.07	2	1.03	.093	.911
Within Groups	966.03	87	11.10		
Total	968.10	89			

* The significant at 0.05 level

Table 3 (A) reveals that the obtained significant value of .911 is higher than the required significant value of .005, thus showing a in significant difference among the groups on the pre-game activities.

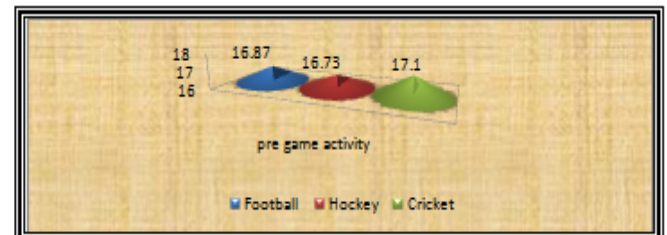


Figure III: Bar diagram showing the mean difference of pregame activities among inter university level men Football Hockey and Cricket players

c. During-game activities

Table IV: Descriptive scores on during game activities of inter university level men Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	13.10	2.83	.52
HOCKEY	30	12.60	3.20	.58
CRICKET	30	12.67	3.11	.57

It is observed from table 4 that the mean value of during game activities for Football players is, 13.10, Hockey players is 12.60 and Cricket players, it is 12.67. The standard deviation is 2.83, 3.20 and 3.11 respectively for inter university level Football, Hockey and Cricket players.

Table IV (A): Analysis of variance on during game activity among inter university level men's Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig
Between Groups	4.42	2	2.21	.237	.789
Within Groups	810.57	87	9.32		
Total	814.99	89			

* The significance at 0.05 level

Table IV (A) reveals that the obtained significant value of .789 is higher than the required significant value of .005, thus showing a in significant difference among the groups on the during game activities.

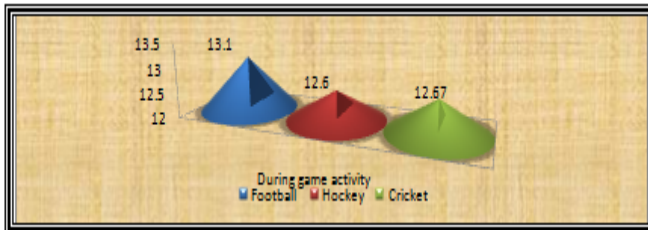


Figure IV: Bar diagram showing the mean difference of during game activities among inter university level men Football, Hockey and Cricket players

d. Team Rituals

Table V: Descriptive scores on team of among inter university level men's Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	15.00	2.68	.49
HOCKEY	30	13.03	3.24	.59
CRICKET	30	12.93	3.65	.67

It is observed from table 5 that the mean value of Team rituals for Football players is, 15.00 Hockey players, it is 13.03 and Cricket players, it is 12.93. The standard deviation is 2.68, 3.24 and 3.65 respectively for Football, Hockey and Cricket.

Table V(A): Analysis of variance on team rituals among inter university level men Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig
Between Groups	81.49	2	40.74	3.94	.023
Within Groups	898.83	87	10.33		
Total	980.32	89			

* The significance at 0.05 level

Table 5 (A) reveals that the obtained significant value of .023 is higher than the required significant value of .005, thus showing a in significant difference among the groups on team rituals.

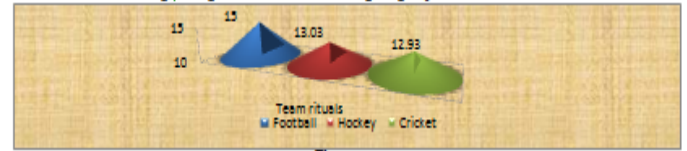


Figure V: Bar diagram showing the mean difference of Team rituals among inter university level men's Football, Hockey and Cricket players

e. Prayer

Table VI: Descriptive scores on Prayer of inter university level men Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	15.33	3.43	.63
HOCKEY	30	13.77	4.47	.82
CRICKET	30	12.87	3.96	.72

It is observed from table 6 that the mean value of prayer for Football players is, 15.33, Hockey players, it is 13.77 and Cricket players and it is 12.87. The standard deviation is 3.43, 4.47 and 3.96 respectively for inter University level Football, Hockey and cricket players.

Table VI (A): Analysis of variance of Prayer among inter university level men's Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig
Between Groups	93.49	2	46.74	2.957	.057
Within Groups	1375.50	87	15.81		
Total	1468.99	89			

* The significance at 0.05 level

Table VI (A) reveals that the obtained significant value of .057 is higher than the required significant value of .005, thus showing a in significant difference among the groups on prayer.

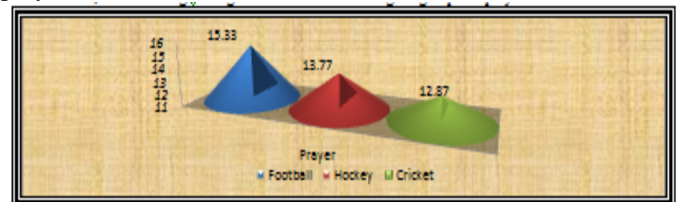


Figure VI: Bar diagram showing the mean difference of Prayer among inter university level men Football, Hockey and Cricket players

f. Coach

Table VII: Descriptive scores on Coach of inter university level men's Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	10.60	2.84	.52
HOCKEY	30	9.47	2.98	.54
CRICKET	30	8.73	3.54	.64

It is observed from table 7 that the mean value of coach for Football players is, 10.60, Hockey players, it is 9.47 and Cricket players, it is 8.73. The standard deviation is 2.84, 2.98 and 3.54 respectively for inter University level Football, Hockey and Cricket players.

Table VII (A): Analysis of variance on Coach among inters university level men's Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig
FOOTBAL	30	10.60	2.84	2.69	.074
HOCKEY	30	9.45	2.98		
CRICKET	30	8.73	3.54		

* The significance at 0.05 level

Table 7 (A) reveals that the obtained significant value of .074 is higher than the required significant value of .005, thus showing a in significant difference among the groups on coach.

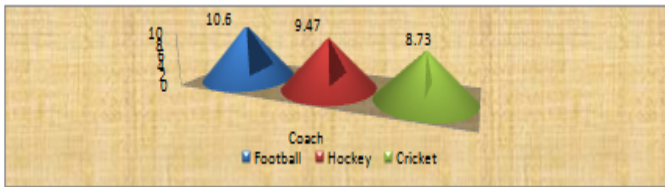


Figure VII: Bar diagram showing the mean difference of Coach among inter University level women Basketball, Handball and Volleyball players

g. Superstitious rituals in total score

Table VIII: Descriptive scores on Superstitious ritual in total of inter university level men's Football, Hockey and Cricket players

Groups	N	Mean	Std. Deviation	Std. Error
FOOTBAL	30	134.57	18.87	3.44
HOCKEY	30	129.30	20.16	3.68
CRICKET	30	123.67	20.82	3.80

It is observed from table 8 that the mean value of Superstitious rituals in total for Football players is, 134.57 for Hockey, it is 129.30 and Cricket players, it is 123.67. The standard deviation is 18.87, 20.16 and 20.82 respectively for inter university level Football, Hockey and Cricket players.

Table VIII (A): Analysis of variance on Superstitious rituals in total inter university level men Football, Hockey and Cricket players

Source	Sum of Squares	Df	Mean Scores	F-ratio	Sig
Between Groups	1782.82	2	891.41	2.24	.113
Within Groups	34682.33	87	398.65		
Total	36465.16	89			

* The significance at 0.05 levels

Table 8 (A) reveals that the obtained significant value of .113 is higher than the required significant value of .005, thus showing a in significant difference among the groups on total

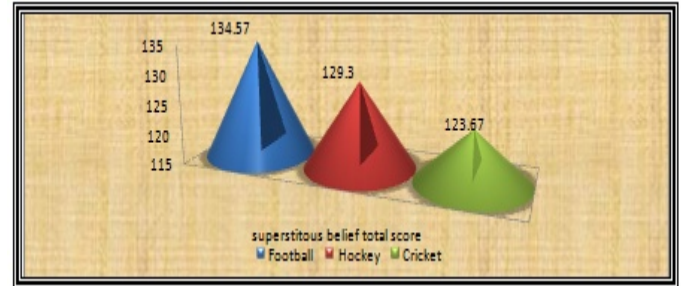


Figure VIII: Comparison of Superstitious among inters university level men Football, Hockey and Cricket players

DISCUSSIONS ON FINDING

Table I (A) reveals that the obtained F value of 1.00 is lesser than the required value thus showing no significant difference among the groups on the Clothing Appearance Table II(A) reveals that the obtained F value of 1.24 is not significant since it is lesser than the required value, thus showing a no significant difference among the groups on the Fetish factors in Superstitious rituals factors Table III (A) reveals that the obtained F value of 0.93 is lesser than the required value, thus showing in significant difference among the groups on the Pre-game activities .Table IV (A) reveals that the obtained F value of .237 has no significant difference is lesser than the required value, thus showing no significant difference among the groups on During activity. Table V (A) reveals that the obtained F value of 3.94 has no difference is lesser than the required value thus showing a no significant difference among the groups on Team rituals .Table VI (A) reveals that the obtained F value of is 2.97 is lesser than the required value, thus showing no significant difference among the groups on the Prayer. Table VII(A)reveals that the obtained F value of 2.69 5has no significant difference is lesser than the required value , thus showing a no significant difference among the groups on the Coach. Table VIII (A) reveals that the obtained F value of 2.64 is lesser than the required value thus showing a significant difference among the groups on the Total Superstitious rituals score.

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