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Comparison of sports achievement motivation among the male players of selected balls games

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Abstract

The purpose of the study was to compare achievement motivation among the male players of selected balls games. For achieving the result of the study 60 players from the game of Football, Basketball, Volleyball and Cricket of inter collegiate male players of Sant Gadge Baba Amravati University 15 from each were selected as subject. The age of the subject's age group was 18 to 28 years. To assesses the Achievement motivation Standardized Questionnaire of M.L Kamlesh was used. To find out the difference in the selected variable among four different groups of players one way analysis of variance (ANOVA) statistical technique was employed. While F-ratio showed significant difference Least Significant Difference (LSD) post-hoc test was applied to determine paired mean difference among the selected groups. Considering the limitations and on the bases of statistical findings it was concluded that there is significant difference between achievement motivation level of different ball game players. Football players had shown higher level of achievement motivation followed by Cricket, Basketball and Volleyball players.

Keywords: Sports achievement motivation, football, basketball, volleyball and cricket

Introduction

The role of motivation in the field of physical education and sports can be over emphasized appears to be the Key to accomplishment, it may be in sport, in teaching, in research, or some other challenges pursuit. It involves for more than just walling at the athlete or patting him on the back; for more than just encouraging him with praise or punishing him with extra laps after practice. Motivation is one indispensable attribute for effective performance. It is a drive force which compiles the athlete to accomplish difficulty and challenges.

There are number of factors which contribute to effective and successful performance. e.g. physical, environmental, degree of anxiety level, personality, level of ability and motivation. All have a direct impact upon the effectiveness of the athlete's performance; however if one factor was to be selected as most importance, it would undoubtedly be the motivation.

Statement of Problem

The statement of the present study was, "Comparison of Sports Achievement Motivation among the male Players of Selected Balls Games".

Purpose of This Study

The main purpose of the study was to find out the significant difference in level of sports achievement motivation in the inter collegiate male players belonging to selected games of Football, Basketball, Cricket and Volleyball.

Significance of the Study

Research is generally conducted for evolving new ideas for the, coaches trainers and players which are essential for study.

The present investigation have the following would contributions

- This study might help to assess the sports achievement motivation level of players in different games,
- The result of this study would help the coaches or trainers to know the achievement motivation level of the players.

- The findings of this study might be helpful to the teachers, coaches and trainers, in recommending and guiding the trainers to develop or nurture the desired level of achievement motivation.

Hypothesis

On the basis of literature reviewed, discussion with the experts and on my personal understanding it was hypothesized that there would be significant difference in sports Achievement motivation among the male players of different ball games.

Delimitations

- The study was delimited to only 60 male inter collegiate players of four games that is Football, Basketball, Cricket, and Volleyball, 15 from each games
- The subject was selected from inter collegiate tournament of S.G.B Amravati University and the age of the players was ranging from 18-28 years.
- The study was also delimited to the psychological aspect of sports achievement motivation only.

Limitations

Following points were not under the control of scholar.

- Informations were collected through questionnaires and interview methods hiding of informations for furnishing incorrect informations might yield discrete facts which recognized as the limitations of the study.
- Inherent potentialities of the players were not known.
- No specific motivational technique was applied while collecting the data.
- The coaching and physical training background of the players was unknown.

Methodology

Selection of Subjects

60 male players from the of Football, Basketball, game Volleyball and Cricket of inter collegiate tournaments of Sant Gadge Baba Amravati University were selected as subject, 15 from each game. The subject's age was ranging in between 18 to 28 years.

Sampling Technique

Simple random sampling method was employed for the selection of the subjects were selected randomly.

Criterion Measure

To test the hypothesis, Achievement Motivation was assessed by using SMIT questionnaire developed by M.L Kamlesh and the score was recorded in numerical form.

Findings

Table 1: Summary of One Way Analysis of Variance for the Data on Achievement Motivation of the Male Players of Different Ball Games

Sources of Variance (SV)	Degree of freedom (DF)	Sum of squares (SS)	Mean Sum of squares (MSS)	F-ratio
Between the group	K-1 4-1=3	193.267	64.422	3.958*
Within the group	N-K 60-4=56	911.467	16.276	

*Significant at 0.05 level

Tabulated F_{.05 (3,56)} = 2.776

The finding of Table-1 reveals that the calculated F-value of 3.958 is higher than the tabulated F-value of 2.776 at 0.05 level for 3/56 degrees of freedom, which indicates statistically significant mean difference was observed among the four groups. Since the F-ratio was found to be significant the least significant difference (LSD) post hoc test was employed to determine the paired mean difference among each of the selected groups, and it has been shown in Table-2.

The paired mean difference is shown in Table 2.

Table 2: Paired Mean Difference for the Data on Achievement Motivation among the Players of Different Ball Games

Mean				Mean Difference	Critical Difference
Football	Cricket	Basketball	Volleyball		
27.60	26.66			0.94	2.95
27.60		24.40		3.20*	2.95
27.60			23.06	4.54*	2.95
	26.66	24.40		2.26	2.95
	26.66		23.06	3.60*	2.95
		24.40	23.06	1.30	2.95

*Significant at 0.05 level

Table-2, clearly shows that there is significant mean difference in between football and basketball (MD-3.20), football and volleyball (MD-4.54) and, Cricket and volleyball (MD=3.60) because the mean difference values are greater than the critical difference value of 2.95 at 0.05 level.

The table also indicates that there is no significant difference in achievement motivation among the players of football and cricket (0.94), cricket and basketball (2.26) and, basketball and volleyball (MD-1.30) as all these obtained Mean difference value are less than that of critical difference value of 2.95 at 0.05 level.

Discussion on findings

From the statistical analysis it was observed that there was significant difference in Achievement motivation among the balls game players of Football, Cricket, Basketball and Volleyball.

Higher achievement motivation Cricket, level was shown by the Football players followed by Basketball, and Volleyball players.

Footballers had shown higher Achievement motivation level because football team qualified All India interuniversity for the session 2012 2013 and they were awarded with cash prize with memento which might have extrinsically motivated to the selected players in the team which leads to be intrinsically motivated therefore such result occurred in this study. Cricket has higher Achievement motivation level as compared to Basketball and Volleyball may be because Cricket is demanding and most popular game in India and is supported by public, Media and franchises invest lots of money in this game hence Cricketers also motivated significantly higher. Basketball and Volleyball have lower Achievement motivation because of lack of psychological training and lack of may be mutual understanding among the players as well as coach.

Conclusion

Recognizing the limitations of the study and on the basis of statistical findings the following conclusion may be drawn

- The result of the study indicates that there was significant difference in the achievement motivation among the players of selected ball games.

- b. By using the L.S.D post hoc test, it was also revealed that the achievement motivation of football players was much higher than cricket, basketball and volleyball players.

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