



INVESTIGATION OF ANTHROPOMETRIC PARAMETERS BETWEEN KABADDI AND WRESTLING PLAYERS

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Abstract:

Man's performance in sport or any other field depends on his movement oriented behavior all those actions, while they can be noted by others with or without the aid of instruments have their roots in biological phenomenon. In other words, the integrated and harmonious functioning of several dynamic process of body which are either physical, physiological, psycho or biochemical in nature. Anthropometric measurement has wide applications as one of the essential parameters consisting of the selected diagnostics of any game or sport. The anthropometric indices aided in evaluating potentiality for athletic performance. The main purpose of the study was to investigate the anthropometric measurements of Kabaddi and wrestling players. For this study data was collected from sixty players each who have participated in inter university Kabaddi and wrestling game. Subjects were selected randomly and the age of the subjects was ranging from 18-25 years. The data collected was treated with the statistical technique's test and found there is a significant difference between Kabaddi and wrestling players in anthropometric measurements, height, weight, chest girth and thigh girth.



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Keywords : Anthropometric parameters, Kabaddi and wrestling players

Introduction

A sport is highly specialized activity in one or other event and involvement in sports event is the basic desire to compete and excel in performance. It is needless to say that the sports activity is meaningless without competition. However, success in competition depends on the performance of an individual higher performance greater would be the chances of success. It is true that for these kinds of competitive activities.

Man's performance in sport or any other field depends on his movement oriented behavior all those actions, while they can be noted by others with or without the aid of instruments have their roots in



biological phenomenon. In other words, integrated and harmonious functioning of several dynamic process of body is either physical, physiological, psycho or biochemical in nature.

PURPOSE OF THE STUDY:

The main purpose of the study was to investigate the anthropometric measurements of Kabaddi and wrestling male players of Karnataka state.

METHODOLOGY:

To achieve the purpose of the study, data was collected from sixty players from each game who have participated in Kabaddi and wrestling tournament. Subjects were selected randomly and the age of the subjects was ranging from 18-25 years.

STATISTICAL TECHNIQUE:

The collected data was analyzed by using statistical technique 't' test by using SPSS 23rd version.

Table 1. Showing the mean value, standard deviation and 't' score of Kabaddi and wrestling.

Sr. No.	Variables	Kabaddi		Wrestling		t - value
		Mean	Std Div	Mean	Std Div	
1	Height	188.97	7.09	171.91	6.41	2.98*
2	Weight	77.89	6.86	63.57	9.14	3.16*
3	Chest Girth	84.69	5.88	90.69	6.21	4.90*
4	Thigh Girth	69.31	4.78	51.94	4.24	2.65*

*Significant at 0.05 level

The above table shows that there is a significant difference in height, weight, chest girth, thigh girth.

CONCLUSION:

It was concluded from the results that there is a significant difference in Kabaddi and wrestling players in the selected anthropometric measurements. In height, weight, chest girth, and thigh girth Kabaddi players are significant than wrestling players. This is because of the nature and skills involved in the game.

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