COMPARISON OF SELECTED ANTHROPOMETRICS VARIABLES OF INDIAN BASKETBALL PLAYERS

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ABSTRACT

The purpose of this study was to compare the anthropometrics variables of Indian basketball players. The Subjects were ninety players from different universities/states those who have participated in basketball championships at various levels, were selected. The subjects were ranging from 17 -32 years of age. Depending upon the level of participation, subjects were divided into three groups such as -beginners, the intermediate and the advanced group. The selected anthropometrics variables were upper arm length, forearm length, sitting height, leg length, stature and percentage of fat. The data for selected anthropometrics variables were obtained by using the standard procedures. One-way analysis of variance (ANOVA) was employed to check the variability of selected groups. Post-hoc Least Significant Difference test was used to find out the significant difference between the means of various groups. The results indicated that at the 0.05 level of significance, the subjects of different groups differed significantly on the measures of upper arm length and sitting height.

Keywords: Anthropometrics variables, Basketball, Players, ANOVA.