

THE INTERRELATIONSHIP OF SIMPLE VISUAL REACTION TIME, CHOICE VISUAL REACTION TIME AND ATTENTION CONTROL AMONG THE NATIONAL LEVEL PLAYERS OF SELECTED DISCIPLINES OF SPORTS AUTHORITY OF INDIA

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ABSTRACT

The aim of this study was to establish the relationship among simple visual reaction time (svrt), choice visual reaction time (cvrt) and attention control in elite Indian athletes of national level. A total of 361 elite athletes aged between 18-32 Years from 8 sports disciplines viz., Athletics, Badminton, Basket Ball, Football, Hockey, Swimming, Volleyball and Weight Lifting were drawn as subjects for this study. Each subject reaction time (simple visual reaction time and choice visual reaction time) and attentional control were measured and data analyzed by using Pearson's product moment correlation. The extent of association among simple and choice visual reaction time and attentional control were analyzed. Significant correlations were found between simple visual reaction time and choice visual reaction time in the subjects but not between reaction times (svrt and cvrt) and attention control. However meaningful correlations but not significant were found between reaction time (svrt and cvrt) and attentional control.