PREDICTION OF SUCCESS IN THE BADMINTON CHAMPIONSHIPS THROUGH ANTHROPOMETRIC, PHYSICAL-MOTOR AND PSYCHOLOGICAL CHARACTERISTICS
Afzalpour Mohammad Esmaeil, Seghatol Eslami Ali
(Birjand University, Iran)

The aim of this research is to describe anthropometric, physical-motor, and psychological characteristics of women badminton players participating in Iranian universities championship (1384 yr) and to determine the relationship of these characteristics and success in competitions. 60 elite women student, mean age 21.90 ± 3.55, have participated in the research. We used reliable and standardized methods for evaluating the participants characteristics. For extraction and description of results, descriptive statistic, Pearson correlation coefficient and multiple regression analyses (Stepwise) is carried out. We observed the significant negative correlation between agility and time of win in the competitions (r=-0.33, P<0.04). Furthermore, there was a significant positive correlation between height jump and number of won games (r=0.28, P<0.03), self-reliance with acquired-lost scores difference (r=0.39, P<0.02), and finally concentration and acquired-lost scores difference(r=0.33, P=0.05) in the competitions. The results of multiple regression analyses revealed that there is a significant linear relationship between self-reliance or length of hands with success in badminton (P<0.02). Generally, it is suggested that coaches and talent identificators pay more attention to the some indexes including agility, legs anaerobic power, concentration, specially length of hands and self-reliance in order to enhance athletes successful coefficient.

Keywords: Talent Identification, Badminton