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Investigation the Relationship between Athletes' Performances Levels with the Personality Features and the Status of Lateralization

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E-mail: musacon@omu.edu.tr**KEYWORDS** Handedness. Performance. Temperament. Character

ABSTRACT The aim of this research was to investigate the relationship between athletes' performance levels with the personality features and the status of lateralization. A total of 492 athletes participated voluntarily in the research. Hand and foot preference of the athletes was assessed by the Oldfield's questionnaire. Also, the personality features of the individuals and the team athletes were determined by the Temperament and Character Inventory. The results showed that left-handers comprised about 13.8 percent of the athletes, while right-handers comprised about 83.5 percent of the athletes. Statistically significant differences were found in harm avoidance subscale of temperament, self-transcendence subscale of characters, harm avoidance subscale of temperament and cooperativeness subscale of character. It was also determined that the success ratio of the athletes statistically depends on the lateralization and branches of the athletes. Also, the successful male athletes had significantly lower scores for harm avoidance subscale while the female athletes had significantly higher scores for cooperativeness subscale.