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## Validation of the Arabic version of the Inventory of Coping Strategies of Competitive Sport (ISCCS)

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The aim of our study is to validate the Arabic version of the Inventory of Coping Strategies of Competitive Sport (ISCCS) using factor analysis. After critical analyses of adapted sports versions, Gaudreau and Blondin (2002) proposed the ISCCS questionnaire to measure coping strategies in the field of competitive sports (Andre & Laurencelle, 2010). The ISCCS identify ten coping strategies that are divided into two dimensions: The coping task-oriented and the coping emotion-oriented. 419 athletes (273 men and 146 women; age  $16.79 \pm 3.82$  years, 14 to 34) in different individual and team competitions, volunteered to participate in the study. Data were collected and analyzed for reliability and validity using the test-retest method, reliability, correlation analysis and confirmatory factor analyses. Statistical analysis was performed with SPSS version 22.0.0 the IBM AMOS. The confirmatory factor analyses showed good adjustments for coping models of task-oriented (chi-square 359.35, CFI: 0.92; TLI: 0.91; GFI: 0.93; RMSEA: 0.040 and p-value < 0.001), and the coping oriented emotion (chi-square 215.45, CFI: 0.93; TLI: 0.91; GFI: 0.94; RMSEA: 0.054 and p < 0.001). In conclusion, ISCCS was translated and validated in various languages, including French, English, Spanish, and Turkish, Arabic version demonstrated good psychometric properties adjustments and can be used in other surveys in the area of sports competition.

### Biography

Hajji Jamel is a Researcher at the field of coping and anxiety. He successfully completed his master and Ph.D in the field of Higher Institute of Sport and Physical Education Gafsa, Gafsa University, Tunisia.

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