

The Correlations of the Student Athlete Training Environment and The Training Facilities Scale by A Second-Order CFA Model Analysis

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ABSTRACT

The aim of this research purpose is to assess the validity of the concept and the determination of the reliability of the training environment scale, to test the contribution of each element and indicator in reflecting training environment variables, and to evaluate the extent to which the theoretical model of the training environment corresponds with empirical data.

Research methods in this study are the correlations research. The sampling technique in this research used is probability sampling. The data collection method uses a training environment and training facilities scale and data analysis used the Structure Equation Modeling (SEM) with 2nd Order CFA through the Lisrel 8.71 program.

Research results are there were a total of 169 subjects. There were 64 (37, 87%) are male respondents and 105 (62, 13%) are female respondents. The age groups were divided as follows: respondents were in the 12-15 years age group are 87 respondents (51,5%), and respondents were in the 16-18 years age group are 82 respondents (48,5%). The analysis of the study results showed indicates that student athletes in India within the "good" category regarding the training environment. The training environment variables show valid and reliable data, formed by the various aspects and indicators. Facility-related aspects play a significant role in representing the training environment, while the family aspect is the least prominent in depicting the training environment. The measurement model for training environment variables aligns well with empirical data.

Kata Kunci: Training Environment, Student Athlete, Validity and Reliability, confirmatory factor analysis