

Form No. (4)

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PH.D

Title of Thesis : **Statistical accounting and psychometric assessment of
Concentration skills in practicing performances**

Supervisors :

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ABSTRACT

Concentration skills conspicuously play a highly important role in determining performance and directing people to success in different performance locations. Since behavioral phenomena are characterized by complexity, interrelatedness and multivariate, their measurement requires measuring instruments that characterized by specific properties to the specifications recommended by the specialists in the field of psychological measurement and through using appropriate statistical estimations.

Problem of the Study:

To what extent do the procedures and appropriate statistical estimates, provide the necessary conditions for the construction of an efficient psychometric scale to assess the methods or skills of people in focusing attention during practicing certain performance activities?

Study Methodology and Procedures:

First: Approach

In this study, a non-experimental approach was used to explore the relationships between variables.

Second : the Sample

The study sample was consisted of (1193) university students. They were classified into four groups: a regular practitioner of group sports (represented in: football, basketball and volleyball) (n = 90) and a regular practitioner of single sports (represented by: tennis) (N = 30), an irregular practitioner of sport (n = 190), and a non-practitioner of sport (n 883). Their ages ranged between (18-24) years old.

Third: Tools of the Study

Testing Methods of Attention quoted from Abu Al-Makarem from Neidfer's Test of Attention and Interaction between Individuals.

Fourth: The Statistical Methods Used in the Study

Averages - Standard Deviations - Correlation coefficients - T Test for Difference Signals - One Way Difference Analysis - Exploratory and Confirmatory Factor Analysis - Item Characteristics Curve.

Fifth: The Results of the Study:

The Attention Style Test Is appropriate to the psychometric specifications of the various procedures and statistical estimates that we have provided according to the criteria established by the specialists in the assessment of skills to concentrate attention in people, and thus can be generalization of the consequences of the results with a reasonable amount of confidence.

Use Other Side if Necessary