

SUMMARY

This research is a trial to construct a scale for the psychological stress and decision-making on the umpires of sport activities. The study is limited to a sample of umpires who are younger than 30 to 50 years old more during the years 2000, 2001.

The study is concerned with the following topics.

- 1- Comparing the sources of psychology stress and factors that reside behind decision-making scale on the umpires of sport activities.
- 2- comparing the sources of psychology stress and factors that reside behind decision-making among umpires according to the kind of selected sport activity.
- 3- comparing the sources of psychology stress factors and other factors that reside behind decision-making among umpires according to age.
- 4-Comparing the sources of psychology stress factors and other factors that reside behind decision-making among umpires according to the years of experience.

5. To compare the sources of psychology stress and factors that reside behind decision making among umpires according to level .
6. to compare the sources of psychology stress and factors that reside behind decision making among umpire according to education.
7. to compare the sources of psychology stress and factors that reside behind decision making among umpires according to SOS .
8. To know the sources of the psychological stresses and the relationship of the decision on the umpires of sport activities .

• **Research hypothesis and inquire :**

1. There are statistically significant differences of the psychological stress and factors that reside behind decision making on the umpires of sport activities.
2. There are statistically significant differences of the psychological stress and factors that reside behind decision making among umpires according to the kind of selected sporting activity
3. There are statistically significant difference of the psychological stress and factors that reside behind decision among umpires according to age.
4. There are statistically significant differences of the psychological stress and factors that reside behind decision making among umpires according to the years of experience.

5. There are statistically significant differences of the psychological stress and factors that reside behind decision making among umpires according to level .
6. There are statistically significant differences of the psychological stress and factors that reside behind decision making among umpires according to education .
7. There are statistically significant differences. of the psychological stress and factors that reside behind decision making among umpires according to SOS .
8. There are statistically significant replationship among psychology stress factors and desision making on the umpires of sport activities.
 - The method of the reserch :
 - The research has used the descriptive method which is suitable for achieving the aims of this research .
 - The research sample :
 - The research sample has included 292 umpire randomly chosen according to the following criteria :
 - Registered in "Egyptian sporting federation " .

Tools of collecting data :

- ◊ According to the goals of the research and its nature the researcher construct a scale to determine sources of psychological stress for umpires and scale to determine sources of the desision on the umpires of sport activities .

1. Studying the scientific references, theoretical review works and previous researches that are related with the psychological stress and decision making.
2. Reviwina the lists and scales of psychological stress that were prepared before.
3. Determining the suggested dimension of the sources psychological stress for umpires.
4. Submitting the suggested dimensions to spécial list experts to affirm the result.
5. Suggesting items of the scale of each dimension according to the theoretical analysis of each dimension.
6. Submitt the items experts.
7. Affirming the internal coefficients of the itms with suggested dimension.
8. Computing the relaiability coefficients of the scale dimensions.

Statistical Methods :

1. Arithmetic means - std deviation & skewness.
2. Correlations.
3. T-Test.
4. One way analysis . L.S.D.

Conclusion

Design of Psychological Scale allows to define the factors of psychological stress for umpires of sport activities .

The results have pointed out that there are three factors of psychological stress connected with competitive sport for umpires . The sources are as follows .

- 1) Stress related to competitions (before – during – after)
- 2) Stress related to the umpires demands.
- 3) Stress related to the social status towards umpires.

3. Design of decision making scale allows to define the factor that reside behind decision making on the umpires of sport activities .

4. There salts have pointed out that reside behind decision making on the umpirres of sport activities.

The factors are as follows :

- 1) Ability and experience to the umpires .
- 2) Emotionality to the umpires.
- 3) Values related to the umpires
(work values – personal values – social values)

Recommendations: :

Throughout the research project, results , and conclusions the researcher achieved the following recommendations :

- 1) Using a list of psychological stress factors for umpires before during and after the competitions to know the factors of psychological stress and the relationship of the decision on the umpires of sport activities .
- 2) Recommendation related with future researches in the field of the stresses of psychological and decision making as follows :
 - ❖ Design of psychological scale and decision making scale according to the kind of selected sporting activity .
 - ❖ Study aims at recognizing the psychological factors that reside behind the process of decision making
 - ❖ Study aims at recognizing the characteristics of personality that reside behind the process of decision-making .

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**Psychological Stress Factors and Its Relationship of the
Decision Making on the Umpires of Sport Activities
“Analytic and Comparative Study”**

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