



Social and psychological relationship to perform some fencing skills in fencing

SHAYMAA HASAN ISMAEL , RAJAA HASAN ISMAIL

3dr.dema@gmail.com , dr.rajaa.hassan3@gmail.com

Diyala Education Directorate

Abstract

Psycho-social consensus of the most important factors that help achieve desired athletic level that lead to rebirth of sport in all the physical and psychological aspects, and that skill is the most important means to achieve athletic level of compatibility that is constantly needed because Sport can be achieved without this attribute, the problem of this present study is an attempt to identify compatibility relationship researcher psychosocial skills EPEE sample of Diyala University students

Objective research-identify psychological and social compatibility level to search sample Identify the psychological and social relationship to perform certain skills (offensive and defensive) EPEE researcher imposed a statistically significant relationship between psychological and social compatibility and some skills (offensive and defensive) EPEE and the researcher used descriptive relationships. Appropriate research and sample being remarkably composed research community of college students of physical education Diyala University 53% percent of the third graders represents 150/Diyala University, were chosen by random way and used a form of identification (social psychological scale And fencing skills assessment form) and ensure the scientific underpinnings of this scale and then processing the results statistically through statistical

He highlighted the findings of the researcher is There are moral relationship between psychosocial compatibility to perform certain skills (defensive-offensive) foil in fencing and the most important recommendations of the researcher:

Studies on the relationship of psychosocial skills compatibility between clubs and players of various games.

1- Introducing research

1-1 Introduction and importance of research

The development of sports education in any country depends first and foremost on scientific planning, which uses science and knowledge with full awareness to establish the foundations of sports construction and progress on strong and solid foundations, and from the important sciences is (sports social psychology) because this science has deep roots extending back to ancient times as part of general psychology but crystallized in its current form as a self-contained science, When sports workers began to take care of the social aspects that took their field besides other aspects.

The age in which we live is an era of rapid psychological change and psychosocial compatibility is one of the basic and important concepts in the field of psychology: "Psychology is the science of studying the compatibility of the individual or his incompatibility with the requirements of play dictated by his human nature and this science is concerned with the compatibility of the individual, considering that human behavior is in accordance with the demands and pressures of life." ⁽¹⁾

The psychological and social compatibility of the individual comes through satisfying the psychological and social needs by expanding the circle of social relations through life situations, whether with his peers or through sports activities and the fencing game of individual sports that needs the practitioners special qualities in order for the player to advance his level continuously and can reach the best technical performance as the player who is physically and psychologically integrated and Maha Rea works to achieve a better skill level and thus achieve high achievement because the law of this game It is necessary to record five touches on the opponent within three minutes and depends on offensive skills or attack on the element of the principle and its purpose is to reach the target area of the opposing player has been known "as the movement or movements made by the player and which means the goal of the opponent whether it is extending the arm or extending the arm with progress or making the stabbing movement, as the defense or defensive skills of the duel" are known as movements performed by the player against the movements of attack and carried out in different directions to protect His own goal area specified within the law that prevents the arrival of the attack that the player's mastery of offensive and defensive skills well enables him to continue effectively performing well in his favor and win it . The importance of research is reflected in the knowledge of the relationship of psychosocial compatibility in the performance of some offensive and defensive skills in the shish weapon.

⁽¹⁾ Mustafa Fahmy; Psychological adjustment (Cairo, Library of Egypt, 1978), p. 11.

1.2 Search problem

Researchers and scholars are still ambitious to improve performance and discover what is new, as many studies, field research, most of the defensive and offensive capabilities of fencing, studies with training curricula based on the development of special abilities without taking into account their application of the psychological aspects associated with the performance requirements of fencing.

One of the requirements to reach a high degree of performance and this to achieve security during the neuromuscular compatibility in addition to the psychological compatibility of access to idealism and emotional as part of this performance on the one hand and the psychosocial compatibility enables him to adapt to the requirements of performance and implement meals to be achieved on the other hand are all important factors that work to get the player to high sports levels. Through the modest field experience of the researcher and the continuous follow-up of the training processes showed that the psychological preparation processes did not receive much attention considering that (psychosocial compatibility is one of the important psychological processes and affecting the nature of the level of performance and its harmony with the nature of the competition (the game)), as it did not take the integrated dimension in the memory of coaches, sports educators and sports workers and its abundant share of giving and attention which in turn reflects on the integration of skill performance, and from Here highlights the problem of research in knowing the psychological and social compatibility of the player and the extent to which he relates to defensive and offensive skills and his great role in the level of performance of the player

1.3 Search goals

- Identify the level of psychosocial compatibility in the research sample
- Identify the relationship of psychosocial compatibility with the performance of certain offensive and defensive skills (with shish weapons)

. 1.4 The search is imposed

- A statistically significant relationship between psychosocial compatibility and some skills (offensive and defensive) with shish weapons

. 1.5 Areas of research

1-5-1 Human Field: - Sample of Third Stage Students / Faculty of Sports Education / Diyala University

1-5-2-Temporal Domain :- 2018-2019

1-5-3 Spatial Field: - Fencing Hall at the Faculty of Sports Education / Diyala University

Research methodology and field procedures

2.1 Research approach:

The researchers used the descriptive approach - studying correlational relationships - to suit the nature of this study.

2.2 Search sample:

The two research community samples were used by 53% of the 150 students representing the third stage/entire Diyala University, and were selected in a random manner and since students from one age stage are close in length, the sample is homogeneous.

2.3 Search tools and information collection methods

1- Information collection methods

- Forms
- Arab and foreign sources

2- Hardware and utilities:

- Two shish weapons
- Fencing stadium
- Registration form
- Video camera

Field search procedures

2.4.1 Psychosocial compatibility measure)¹

When correcting the scale, the researchers adopted three grades of the alternative (frequently), two degrees for the alternative (sometimes), one degree for the alternative (rarely) for positive paragraphs, and vice versa for the negative paragraphs of the psychosocial compatibility scale, which consists of (45) paragraphs, so that the highest score of the scale is (135) and the lowest score is (45) degrees.

2-5- Assessing the level of skill performance in the shish weapon: -

The performance level of some shish weapon skills was assessed by three arbitrators by placing a score of (10) and taking the computational medium to their grades, and the level of performance was assessed by video photography and presented to (3) arbitrators and each skill was evaluated according to a form prepared for it as in annex 2 and the skills* selected by the experts are: -

1. Incisive attack.
2. Straight direct attack.
3. Circular attack.
4. Horizontal (straight) defense.
5. Vertical defense (semicircular).

* The arbitrators and experts who have selected and evaluated the skills are:

1. A.M.D. Radiq Ghalib - Duel - Faculty of Physical Education and Sports Sciences for Girls.
2. M.D. Nurhatm - Duel - Faculty of Physical Education and Sports Sciences for Girls.
3. M.D. Aseel Naji- Duel - Faculty of Physical Education and Sports Sciences / Muthanna University.

2.6 Reconnaissance experiment:

Verifying the integrity of the contexts used to conduct, knowing the availability of the requirements for the scale, and verifying the scientific transactions of the tests, is a basic requirement, and achieving it necessitated a survey on (22/10\2018), with the help of the team, (*) on a sample of (10), students selected in a random manner, from the research community.

3.7.1 Stability

The stability of the scale means "the degree of cohesion and accuracy with which the measurement method used can measure the subject of measurement"¹, and to calculate the stability factor of the two scales applied to the sample of the reconnaissance experiment and the reapply of the scale after (10) days and under the same circumstances, thus using the researcher method of retesting to achieve stability, as "the idea of this method is based on the procedures of applying the scale to a group of individuals and then re-applying the scale to the same individuals after a period of time and so each individual gets On a degree in the first test procedure and another degree in the second test procedure, and when these grades are monitored and the correlation factor is calculated between the first and second time grades, we thus obtain the stability factor of the application of the scale" ⁽²⁾, the researcher handled the results statistically by calculating the simple correlation coefficient (Pearson) between the first grades and the second grades and table (1) shows this.

Table (1)

Shows scientific transactions of tests

At the indication level (0.05).

| Tests | StabilityR | Honesty \sqrt{R} | Error level |
|----------------------------|--------------|-----------------------|-------------|
| Psychosocial compatibility | 0.792 | 0.889 | 0.001 |

3- Presenting, analysing and discussing the results

3.1 Presentation of the results of the psychosocial compatibility measure of the research sample and its analysis:

Table (2)

Shows the computational medium, standard deviation, hypothetical medium, lowest value, highest value, and twisting factor for the psychosocial compatibility measure of the research sample.

| Scale | Arithmetic medium | Hypotheses | Standard deviation | Low value | Highest value | Twisting plants |
|----------------------------|-------------------|------------|--------------------|-----------|---------------|-----------------|
| Psychosocial compatibility | 124.667 | 90 | 9.582 | 53 | 128 | 0,878 |

Table (2) shows the values of the computational medium (**124,667**), the standard deviation (**9.582**), the hypothetical medium (**90**), the lowest value (**53**), the highest value (**128**) and the twisting factor (**0,878**) of the research sample in psychosocial compatibility. And since the computational medium of the scale is greater than the hypothetical medium, this means that the sample has a psychosocial compatibility class.

3.2 Present the results of the link between psychosocial compatibility and the skills under consideration for the research sample and its analysis:

Table (3)

Shows r's calculated value between psychosocial compatibility and the skills under consideration for the research sample

| Below indication level (0. 05) | Error level | Link coefficient value | Standard deviation | Arithmetic medium | Statistical means |
|---------------------------------------|--------------------|-------------------------------|---------------------------|--------------------------|---|
| | | | 9.582 | 124.667 | Psychosocial compatibility scale |
| Moral | 0.006 | 0.88 | 1.4 | 7.9 | Straight attack directly |
| Moral | 0.003 | 0.67 | 1.4 | 7.3 | The decisive attack. |
| Moral | 0.001 | 0.83 | 0.7 | 7.8 | Circular Attack |
| Moral | 0.000 | 0.841 | 0.9 | 7.6 | Horizontal defense |
| Moral | 0.0012 | 0.79 | 1.4 | 7.7 | Vertical defense |

Below its significance level (0.05)

The table above shows that the computational medium of the psychosocial compatibility scale (124,667) with a standard deviation (9,582) while the computational circles of research variables are

The computational medium of the straight attack skill (7.9) with a standard deviation (1.4) while the computational medium of the skill of the decisive attack (7.3) with a standard deviation (1.4), the computational medium of the circular attack skill (7.8) with a standard deviation (0.7), the computational medium of its skill Horizontal defense (7.6) with standard deviation (0.9) and computational medium of vertical defense skill (7.7) with standard deviation (1.4)

In order to find the link factor (R) calculated using the Pearson correlation factor between psychosocial compatibility and the straight attack directly, the link between them (0.88) was at an error level (0.006) below the level of significance (0.05) and since the level of error is smaller than 0.05 so the level of moral significance

As for the pearson correlation between psychosocial compatibility and the incisive attack, the value of the link between them (0.67) reached an error level (0.003) below the level of significance (0.05) and since the level of error is smaller than 0.05 so the level of moral significance

Pearson's correlation between psychosocial compatibility and circular attack reached the value of the link between them (0.83) at an error level (0.001) below the level of significance (0.05) and since the level of error is smaller than 0.05 so the level of moral significance

Pearson's correlation between psychosocial compatibility and horizontal defense reached the value of the link between them (0.841) at an error level (0.000) below the level of significance (0.05) and since the level of error is smaller than 0.05 so the level of moral significance

Pearson's correlation between psychosocial compatibility and vertical defense reached the value of the link between them (0.79) at an error level (0.0012) below the level of significance (0.05) and since the level of error is smaller than 0.05 so the level of moral significance

4.3 Discuss the results of the link between psychosocial compatibility with the skills in question

Table 3 results showed a value (t) calculated between psychosocial compatibility and research variables showing a level of significance (0.05) greater than the error level and morally significant.

The researchers attribute this to the fact that psychosocial compatibility plays a key role in improving the performance of the skills under consideration through the student's awareness of the relationship with other students and thus the formation of integrated behavior with mutual influence through integration into social structures where social belonging among students is one of the elements stemming from the internal feelings of the human being to form a social relationship based on understanding the other and integrating with it, which reflected on the level of skill performance of the research sample.

The researchers attributed this to the fact that the psychosocial compatibility of their hands, especially in sports in general and fencing in particular, helped to raise the level of offensive and defensive skills

This is confirmed by Ghassan Mohammed Sadiq, 1990) that "psychosocial compatibility is not limited to the education of the individual physically, but extends the impact to include psychological, behavioral and intellectual aspects and the

acquisition of skills, on the one hand and on the other hand, its impact is not limited to those who practice it but also those who see it as well, and points out (Hatem Abdessalam Zahran, 1994) that "psychological and social compatibility is the ability to conform to the individual with himself and his environment and feel happy and set healthy goals and philosophy for a life seeking to Through the interaction of the individual with his family and relatives, he learns behavioral patterns that determine what he or she will gain later in his or her relationships and interactions with others."

(1)

Conclusions and recommendations

4.1 Conclusions

During the research results, the researchers found the following:

- 1- The sample has psychosocial compatibility.
- 2- There is a moral relationship between psychosocial compatibility by performing some skills (offensive-defensive) shish weapon in fencing

4.2 Recommendations

The researchers recommend:

- 1- The need to pay attention to the feature of psychosocial compatibility and its development between students and all sports through sports education lessons.
- 2- Conduct studies on the impact of psychosocial compatibility between other age groups from different segments of society.
- 3- Conducting studies on the relationship of psychosocial compatibility some skills between club players and different games.

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