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Research Paper

Intelligence and Its Relation to the Accuracy of Some Basic Football Skills in Halls

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Abstract

The research includes an introduction and its importance. Intelligence is considered one of the most important actual processes resulting in the correct timing of the opponent's movements. Performing various skills requires high intelligence in passing and shooting the ball, as well as accuracy in performance from one colleague to another. Therefore, making correct solutions in motor tasks requires a high level of intelligence in good tactics. The research objectives include:

The research aims to know the relationship between intelligence and some basic football skills in halls.

- As for the conclusions through the statistical results obtained by the researcher, the following was concluded:
- There is a significant high correlation between intelligence and basic skills, which are scoring, damping, and handling.

As for the recommendations: In light of the conclusions drawn by the researcher, he recommends the following:

1. The necessity of focusing on developing the mental processes of the athlete to improve their performance level.
2. Emphasis on training basic skills in a varied manner and under conditions similar to their performance during the match.

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1. INTRODUCTION

The relationship between intelligence and excellence in sports activities Several scientific researches indicate that there is a relationship between an individual's intelligence and his capabilities in learning sports activities and progressing in them. There are researches indicating a positive relationship between physical fitness and success in mental activities. These studies confirm the saying "A sound mind in a sound body", as one of

these studies showed that the percentage of students with poor physical fitness was high among students studying in academic lessons. The prevailing idea today is that there is a relationship between the degree of intelligence and the ability to learn complex motor activities only, while there is no relationship of intelligence in learning simple or easy activities or progressing in them.

Intelligence and Motor Learning

The results of scientific research regarding the relationship between the degree of intelligence and an individual's ability in motor learning can confuse the beginner student. There are several studies confirming that there is a positive relationship between the two factors, while other studies confirm there is no relationship. Different studies indicate that in the ordinary school environment, there is a weak positive relationship between the general intelligence of the student and his ability to learn motor skills. The relationship between intelligence and motor skills depends on the type of test used and on the skill required to be chosen with accuracy and to follow up on the opponent's plans. Given the importance of intelligence as a mental ability that affects the skill level, the researcher wanted to know this relationship.

Research Problem

Intelligence is considered one of the most important actual processes resulting in the correct timing of the opponent's movements. Performing various skills requires high intelligence in passing and shooting the ball, as well as accuracy in performance from one colleague to another. Therefore, making correct solutions in motor tasks requires a high level of intelligence in good tactics and monitoring opponents requires knowledge of the deception and misleading methods executed by team players. Therefore, players must be aware of various solutions in order to succeed in applying tasks within the field. Intelligence in executing plans works to achieve specific goals, as well as playing modern hall football is characterized by the required speed and accuracy. From the researcher's observation, many teams suffer from a problem of lack of intelligence while executing tasks inside the field, thus lacking the ability to possess solutions. Therefore, the researcher wanted to study this problem.

2. RESEARCH OBJECTIVE

The research aims to know the relationship between intelligence and some basic football skills in halls.

Research Hypothesis: The researchers assume the following: There is a direct relationship between intelligence and some basic football skills in halls.

Research Fields:

Human Field: Female Education College Team / University of Kufa

Temporal Field: 1/3/2024 – 1/1/2024.

Spatial Field: Female Education College Field / University of Kufa, Department of Physical Education and Sports Science.

3. RESEARCH METHODOLOGY AND FIELD PROCEDURES

Research Method

The researcher used the descriptive correlational method to suit the nature of the problem, which focuses

on revealing the relationships between two or more variables to know the extent of correlation between these variables and to express it numerically.

Research Population

The research population was defined as players of the Female Education College team at the University of Kufa, totaling (10) players.

Data Collection Methods, Devices, and Tools Used:

1. Timing watch number (2)
2. Indoor football number (5)
3. Markers number (8)
4. Chalk
5. Whistle number (2)
6. Raven for intelligence assessment forms

Tests

1. Raven's intelligence test
2. Accuracy handling test towards the wall for (20 seconds)
3. Scoring test towards the goal divided into five sections from a standstill
4. Ball damping test inside two circles with diameters of 1m-2m

Preliminary Experiment

The researcher conducted the preliminary experiment on January 9, 2024, on a sample of (12) players outside the main experiment for purposes such as:

1. Knowing the duration of the experiment
2. Understanding the suitability of the test for the testers
3. Training the assistant work team
4. Knowing the testers' adaptability
5. Identifying errors that may occur in the main experiment.

Main Experiment Procedures

The researcher conducted this experiment on the players of Al-Mahnaouia Club and on the club's sports field on January 14, 2024, where the researcher conducted the Raven test to determine the accuracy of intelligence and tests for scoring, handling, and damping.

Statistical Methods:

The researcher used the following statistical methods: Simple correlation coefficient to determine the relationship between intelligence and basic skills

4. PRESENTATION OF RESULTS AND DISCUSSION

Presentation of Results of Intelligence and Its Relation to the Accuracy of Some Basic Football Skills in Halls

Table No. (1)

Table 1: correlation between intelligence and scoring, reaching

Intelligence	Scoring Handling Damping	Calculated (r) value	Table (r) value *	Significance of Correlation
		0.893 0.799 0.641	0.399	Significant Significant Significant

*At a significance level of (0.05) and a degree of freedom (18)

It is clear from Table No. (1) that there is a correlation (0.799), and when compared with the table of significance of correlation coefficients, it is evident that the correlation is significant. The researcher attributes this to the frequent training on the handling skill, considering it one of the skills most used to build attacks and lead the game, as it is the language of communication between players of the same team on the field, which helps in mastering it. This is in agreement with Mohammed Lotfi (1982) (That extensive varied training on the skill makes the player focus on the speed of his reactions and develops his will and control over his skill, as it is an element that is distinguished after training).

From Table No. (1), it is observed that there is a significant correlation between intelligence and scoring, reaching (0.893), where the researcher attributes this to the fact that shooting towards the goal requires a high technical skill in executing different types of ball kicks with the hand, which is consistent with what was indicated by Eric (1979) (That looking at the goal before shooting), as the researcher attributes this to the rise in the psychological factor.

This agrees with what was indicated by Al-Khashab (1988) (Among the factors on which the accuracy of scoring depends are the psychological factor, the ability to choose the appropriate time and crucial moment, the ability to concentrate when shooting, and high self-confidence).

5. CONCLUSIONS

Through the statistical results obtained by the researcher, the following was concluded: There is a highly significant correlation between intelligence and basic skills, which are scoring, damping, and handling.

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