ANALYTICAL STUDY OF SOME SKILL VARIABLES BETWEEN QATAR AND SAUDI CLUB PLAYERS IN FOOTBALL

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ABSTRACT

The purpose of this paper is to identifying the level of some skill variables between players of Qatari and Saudi clubs in football, comparing some skill variables between players of Qatari and Saudi clubs in football. The community of origin was chosen, and they are the players of the Qatari and Saudi league clubs, which number (32) clubs, and the research sample included (six clubs) deliberately chosen from the selected leagues, and they(Qatari Al-Sadd, Qatari Al-Duhail, Qatari Al-Rayyan, Saudi Itti had, Saudi Alhilal, Saudi Al-Nassr) as they ranked first in the 2019-2020 season, and the sample rate represented 18.75% of the population. As for the most important conclusions, the Saudi clubs were distinguished by the skill of front passing because they had professional players from the best-developed countries in football and local players who represented the Saudi national team. The Qatari clubs were distinguished in the skill of rolling the ball and this is what gives the Qatari attacks slowness compared to the Saudi clubs, the Saudi clubs are better at keeping the ball and not losing it compared to the Qatari clubs, as for the recommendations to rely on the analytical program used and other programs, the need for an analytical expert for clubs and teams in football, as he analyzes the matches by observing the player and recording all the data that occurs inside the stadium and presenting it to the coach (before the match - during the match - after the match) to know the strengths and weaknesses of the team and the opposing team, and thus we worked on shortening the effort, conducting similar studies for other skill and tactical variables, The necessity of educating those interested in quantitative and qualitative analysis to know how to use modern analytical programs.

I. INTRODUCTION:

The sports field has witnessed a great and rapid development during the current century, which was not the result of chance, but rather as a result of planning and training, and based on the use of modern scientific methods and devices in all the major sports sciences and other assistance that contribute to the development of the athlete’s performance.

The method of analysis and exploration plays an important and prominent role in the field of coaches’ work, as the rapid development of sports in general and football in particular in many countries of the world has questioned the adoption of accurate scientific methods in this process, the more complex the players’ movements and the greater their duties the more needed The analyst needs more accuracy, a more correct view, and a broader experience, so that he can learn about these skills and those meals, in order to develop solutions against them in order to reach winning. Also, analysis has become an auxiliary training method by gaining experience for the player and increasing his awareness of what is happening on the field. For example, feedback is a key factor in improving skill performance, and advances in technology (computers) have made it possible to increase and improve athletes for the feedback they receive during training and competition. Analysis is the process of entering data and then using it after collecting the information and then arranging it in a way that is easy to read, and then the performance of the players is evaluated.

The Qatari and Saudi leagues are considered among the best leagues in the Arab world and Asia, as they have professional coaches and players from the best-developed countries in the game of football, and they have the best analytical devices and programs that are used to know the real performance of players during training and competitions, whether (skilled, tactic, physical). The importance of research lies in the use of software
analysis to get the most accurate results in training units and official matches and as soon as possible to shorten the effort and take advantage of the results to develop the weakness in the skill side, if any, among the players of the Qatari and Saudi league clubs in football.

**Research problem:**

The correct path to raise the level of the football game is the analysis processes using modern and advanced software and devices, and the large number of skill variables and their interrelationship with the number of players and their positions in the field of play. The researchers believe that the method of analysis in training units and matches is the best method to know the real level of players in terms of skill. Through the researchers’ experience in the field of football, as they are former players and interested in analyzing local and international official matches, we find the lack of scientific studies in the field of analysis and comparison of Qatari and Saudi clubs, and Arad The two researchers find a solution to his research problem.

**Research objective:**

- Identifying the level of some skill variables between Qatari and Saudi club players in football.
- Comparing some skill variables between Qatari and Saudi club players in football.

**Research fields:**

- Human field: Some of the Qatari league clubs are (Qatari Al-Sadd, Qatari Al-Duhail, Qatari Al-Rayyan) and some Saudi League clubs (Saudi Ittihad, Saudi Alhilal, Saudi Al-Nassr). The three winners in the previous contest.
- Time field: (1/4/2021) to (1/7/2021)
- Spatial field: Biomechanics laboratory at the College of Physical Education and Sports Sciences / University of Baghdad in Al-Jadriyah

### II. RESEARCH METHODOLOGY AND FIELD PROCEDURES:

**Research Methodology:**

The researchers identified the descriptive approach as being the best scientific method in achieving the objectives of the research, and it is among the analytical and comparative studies.

**Community and sample research:**

The community of origin was chosen, and they are the players of the Qatari and Saudi league clubs, which number (32) clubs. As for the research sample, it included (six clubs) deliberately chosen from the selected leagues, and they are Qatari Al-Sadd, Qatari Al-Duhail, Qatari Al-Rayyan, Saudi Ittihad, Saudi Alhilal, Saudi Al-Nassr) as they ranked first in the 2019-2020 season, and the sample rate represented 18.75% of the community as shows in the Table (1).

<table>
<thead>
<tr>
<th>No.</th>
<th>Clubs Name</th>
<th>Country</th>
<th>Number of Players</th>
<th>number of matches analyzed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Al-Sadd</td>
<td>Qatar</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>Al-Duhail</td>
<td>Qatar</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Al-Rayyan</td>
<td>Qatar</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>Ittihad</td>
<td>Saudi</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Alhilal</td>
<td>Saudi</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>Al-Nassr</td>
<td>Saudi</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>six clubs</td>
<td></td>
<td>84 Players</td>
<td>24</td>
</tr>
</tbody>
</table>

**Field research procedures:**

**Means of collecting information and devices used in the research:**

**Means of collecting information:**
The researchers used an analytical program in order to obtain information and data in order to solve the research problem and achieve the goals that it set. These methods include:

- Arabic and foreign sources and references.
- The International Information Network (Internet).
- The researchers conducted personal interviews.
- Assistant work team.

**Devices used in the research:**

- Computer-based analytical program (ISDA).
- Electronic calculator (DELL) of American origin.

**Identify the skill variables:**

After reviewing the sources and scientific studies and their experience in the scientific field, the researchers determined the skill variables (front passing, Scoring on goal, Rolling the ball lose the ball).

The analytical program for analyzing some skill variables (Iraq Soccer Dadt Analytic) (ISDA).

It is a program that depends on the method of observation and evaluating the performance of the players during the competition using the electronic calculator, which gives direct and immediate results to know the performance of the players during the match. It also serves the coaches in discovering talented players through the numbers and statistics that are extracted from the program. Football and also use it in their training work before, during or after the match in discovering weaknesses and strengths and how to address them during the next training units.

**First exploratory experiment:**

- The researchers' ability to use the analysis method within the electronic calculator.
- The accuracy of the researchers and their ability to quickly record and enter information.

**Main experience:**

The researchers downloaded the matches from the Internet and through the analytical program, where we insert the downloaded video to analyze the match by entering the (COD) of the skill variables. The duration of the analysis of one match took two days, an average of two and a half hours, and the duration of work to analyze the matches was from 24-4-2021 until 4-6-2021 and Table (2) shows the analyzed matches.

Table (2) shows the matches analyzed by the research for the Qatari and Saudi leagues.

<table>
<thead>
<tr>
<th>No.</th>
<th>Match</th>
<th>stadium</th>
<th>leagues</th>
<th>result</th>
<th>data of the analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Al Gharafa * Al Sadd</td>
<td>Al Sadd</td>
<td>Qatari</td>
<td>1-4</td>
<td>24-4-2021</td>
</tr>
<tr>
<td>2</td>
<td>Al Sailiya * Al Sadd</td>
<td>Al Sailiya</td>
<td>Qatari</td>
<td>1-5</td>
<td>26-4-2021</td>
</tr>
<tr>
<td>3</td>
<td>Al Sadd * Al Rayyan</td>
<td>Al Sadd</td>
<td>Qatari</td>
<td>1-0</td>
<td>28-4-2021</td>
</tr>
<tr>
<td>4</td>
<td>Al-Duhail * Al Sadd</td>
<td>Al-Duhail</td>
<td>Qatari</td>
<td>1-3</td>
<td>30-4-2021</td>
</tr>
<tr>
<td>5</td>
<td>Al Gharafa * Al Rayyan</td>
<td>Al Gharafa</td>
<td>Qatari</td>
<td>1-2</td>
<td>1-5-2021</td>
</tr>
<tr>
<td>6</td>
<td>Rayyan * Al-Duhail</td>
<td>Al Rayyan</td>
<td>Qatari</td>
<td>0-2</td>
<td>3-5-2021</td>
</tr>
<tr>
<td>7</td>
<td>Al Sailiya * Al Rayyan</td>
<td>Al Sailiya</td>
<td>Qatari</td>
<td>2-0</td>
<td>6-5-2021</td>
</tr>
<tr>
<td>8</td>
<td>Al Sailiya Al Duhail</td>
<td>Al-Duhail</td>
<td>Qatari</td>
<td>0-2</td>
<td>9-5-2021</td>
</tr>
<tr>
<td>9</td>
<td>Al-Wakra * Al-Duhail</td>
<td>Al-Duhail</td>
<td>Qatari</td>
<td>1-8</td>
<td>10-5-2021</td>
</tr>
<tr>
<td>10</td>
<td>Ettafaq * Ittihad</td>
<td>Ettafaq</td>
<td>Saudi</td>
<td>2-0</td>
<td>15-5-2021</td>
</tr>
<tr>
<td>11</td>
<td>Al-Fateh * Al-Ittihad</td>
<td>Al-Fath</td>
<td>Saudi</td>
<td>1-4</td>
<td>17-5-2021</td>
</tr>
<tr>
<td>12</td>
<td>Ittihad * Alhilal</td>
<td>Al Jawhara</td>
<td>Saudi</td>
<td>1-1</td>
<td>20-5-2021</td>
</tr>
</tbody>
</table>
The search data was processed through the Statistical Package for the Social Sciences (SPSS).

### Statistical methods:

The search data was processed through the Statistical Package for the Social Sciences (SPSS).

### Presentation and analysis of results between Qatari clubs and Saudi clubs:

#### Presenting the results of some basic skills between Qatari clubs and Saudi clubs:

Table (3) shows the values of arithmetic means, standard deviations, (T) value and (sig) value in some basic skills between Qatari clubs and Saudi clubs.

<table>
<thead>
<tr>
<th>Skills</th>
<th>Qatar Mean</th>
<th>Qatar standard deviation</th>
<th>Saudi Mean</th>
<th>Saudi standard deviation</th>
<th>T Calculated</th>
<th>Level sig</th>
<th>Type Sig</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front pass</td>
<td>16.83</td>
<td>4.648</td>
<td>24.92</td>
<td>6.788</td>
<td>-3.403</td>
<td>0.003</td>
<td>Sig</td>
</tr>
<tr>
<td>Scoring on goal</td>
<td>8.75</td>
<td>4.070</td>
<td>5.67</td>
<td>2.270</td>
<td>2.292</td>
<td>0.032</td>
<td>Sig</td>
</tr>
<tr>
<td>Rolling the ball</td>
<td>43.58</td>
<td>15.582</td>
<td>25.75</td>
<td>9.545</td>
<td>3.381</td>
<td>0.003</td>
<td>Sig</td>
</tr>
<tr>
<td>Lose the ball</td>
<td>34.50</td>
<td>7.891</td>
<td>24.42</td>
<td>12.041</td>
<td>2.426</td>
<td>0.024</td>
<td>Sig</td>
</tr>
</tbody>
</table>

After analyzing the matches of Qatari clubs and Saudi clubs, it was found that the difference is significant in favor of Saudi clubs in the (front) front pass skill because Saudi clubs have professional players and good local players. The Saudi League is considered one of the best leagues in the Arab world. It is considered one of the most important manipulations that the player may make a goal for the colleague, and (Thamer Mohsen and Muwaffaq Majid Al Mawla)\(^2\) The skill of passing is one of the basic skills in the game of football, and it is the most used than the rest of the skills, and the process of mastering it is a necessary issue to win the match. Thus, it is confirmed that the team that is not good at playing accurate passing will not be able to win.

As for scoring on the goal, it turns out that the difference is moral in favor of the Qatari clubs because they have professional and local players who represent the Qatari team. The researchers attribute that the skill of scoring is one of the most important skills because it determines the outcome of the match. A certain angle towards the goal (MowaffaqAsaad)\(^3\) The scoring skill is one of the means of individual attack that the football player is armed with to achieve a goal in the opposing team’s goal.

As for rolling, it was found that there is a moral difference in favor of Qatari clubs, and the researchers attribute that the skill of rolling is used by the player when the ball is in his possession and its purpose is either to pass the player of the opposing team and reach the goal of the opposing team and score the goal, or when there is no fellow player to pass the ball to him, so the player rolls or when he is The opposing team puts pressure on players and may also use it, and (MutasimGutov)\(^4\) sees it as an individual action that the player performs by himself and with the ball.

As for the loss of the ball, it turns out that the difference is significant in favor of the Qatari clubs, and the researchers attribute that the loss of the ball in football is either from wrong passing (short, medium, long) that is, the inaccuracy in passing made by the player when he passes the ball to the colleague, or it may be when the player performs the skill of dribbling Or rolling when facing a solid defense of the opposing team, all of these situations lead to the loss of the ball in football.

### III. CONCLUSIONS AND RECOMMENDATIONS:

#### Conclusions:

- Saudi clubs were distinguished by their front-passing skill because they had professional players from the best-developed countries in football and local players who represented the Saudi national team.
Qatari clubs were distinguished by the skill of scoring on goal, which is considered one of the most important skills because it determines the outcome of the match because they have professional players who play in the best international leagues.

The Qatari clubs were distinguished in the skill of rolling the ball, and this is what gives the Qatari attacks slowness compared to the Saudi clubs.

Saudi clubs are better at keeping the ball and not losing it compared to Qatari clubs.

Recommendations:

- Reliance on the analytical software used and other software
- The necessity of having an analytical expert for clubs and teams in football, as he analyzes the matches by observing the player and recording all the data that occurs inside the stadium and submitting it to the coach (before the match - during the match - after the match) to know the strengths and weaknesses of the team and the opposing team, and thus we worked on the abbreviation for effort
- Conducting similar studies for other skill and planning variables.
- The necessity of educating those interested in quantitative and qualitative analysis to know how to use modern analytical programs.

REFERENCE:

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3. Mowaffaq Asaad Mahmoud: (2011); Learning and Basic Skills in Football, (Amman, Dara Dijla for Printing and Publishing) p. 104