



## Sports values of second-degree club players in Nineveh Governorate in football

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**Abstract:** The current research aims to identify the mathematical values of the players of the second division clubs in Nineveh province in football, and the researchers used descriptive manga to suit the nature of the current research, and the researchers used the statistical bag of educational sciences (spss25) and the researchers reached the conclusions followed:

The effectiveness of the measure of sports values among the players of the second division clubs in Nineveh football province , which the researcher built through the scientific procedures followed in scientific research that indicate the ability of the measure in measuring the sports values of the players of the clubs. –Players of the second division clubs in Nineveh province are characterized by a positive level of high level of sports values in general.

**Key words:** Sports values– second-degree club players.

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## INTRODUCTION

The practice of sports activities is a means of self-recreation, a platform for values, principles and ideals, as we see in our stadiums actions and behaviors that are self-deprecating and disgusting and not accepted by the true creation and proper nature of brutal acts, insults, attacks by saying or indeed, bad morals and blind intolerance that are rampant in all circles and pillars of the sports community.

Sports values are one of the most important elements of sports and consist of three interrelated and possibly overlapping concepts: fair play, sportsmanship and compliance with sports laws, an example of which is to be a good winner completely, as well as a good loser, i.e. do not disagree personality and commitment to ethics whether you are victorious or defeated, fair play indicates the need for all competitors to have equal opportunities to win and deal with others in an honest and respectful way even if the competitors do not abide by it, Helping the opponent to rise and shake hands is an initiative that shows that the individual has a lofty and classy personality and reflects fundamental values that must be adhered to as an ideal model, the concept of mathematical values includes a lot of principles overlapping, notably justice, equality and respect for all those involved and not harming the opponent or exploiting illegal means to achieve victory such as deception or otherwise, i.e. commitment to civilized behavior in word and deed whatever

the result.

Through the foregoing, the importance of the current research lies in highlighting the variable sporting values of second-tier football players in Nineveh province.

The practice of sports activities needs the player to abide by sports laws as well as to possess sports values that help him to enjoy sports and since there is no approved list of sports values, and due to the importance of those values and the need to apply them in sports activities the researcher reached to prepare a measure that will help to find a tool that measures the values of sports in players, and the problem of current research was focused on the following question: What is the level of sports values among the players of nineveh province's second division football clubs.

## STATISTICAL METHODOLOGY

**-Research method:** The researcher used the descriptive approach to its suitability and nature of the research.

**-Research Community:** The research community included the 637 players of second-tier football clubs in Nineveh province for the sports season 2021/2022 based on information obtained from the clubs According to the statements of the Sub-Football Federation in Nineveh province distributed to the 27 sports clubs, the research sample included (255) players of the second-tier football clubs in The Province of Nineveh, Selected in a simple random way from the research community and

representing 40.03% of the total research community, distributed on the construction sample of 150 and 58.83% of the research sample and the stability sample of 20 players with a ratio of (7.83) 84% of the research sample and the 10–player survey sample (3.92%) of the search sample, and the number of application samples (75) players (29.41%) of the search sample and table (1) shows details of this.

Table (1) Shows details of the construction sample, reconnaissance experience, stability and application of the search tool

Details of the search tool sample	Number	Percentage
Building sample	150	58.83
Reconnaissance experiment	10	3.92
Stability	20	7.84
Final implementation	75	29.41
Total	255	100

**–Numbers scale instructions**

The researcher prepared the measure instructions that included how to answer his paragraphs, and urged the respondent to be accurate in the answer, and the researcher hid the goal of the measure so that the respondent is not affected by it when answering, as Kronbach points out that the explicit label of the personality scale may make the respondent falsify his answer (Gronbach, J: 1960, p:126), or respond the individual in the socially desired direction, as he asked the respondents not to leave any paragraph unanswered with no need to mention their names.

**–Scale Correction**

The researcher used the method of Lykert with

a five–step gradient, as a number of studies indicate that the five–year version of the answer in personal intelligence and trends exceeds other formulas, the degree of each paragraph is (5) if it applies to the respondent to a degree (very agreeable), (4) if it applies (OK), (3) if it applies to it to a degree (sometimes i agree) and (2) if it applies to it to an unfavorable degree, and (2) if it applies to an unfavorable degree at all, and (2) if it applies to an unfavorable degree and (1) if it applies to it to an absolutely unfavorable degree, and applies to it in an absolutely unacceptable manner. In order to measure the views of the study sample (Sekaran, U. & Bougie, R.: 2010, p:34) . that the paragraphs formulated in a negative way found to limit positive social desire when answering paragraphs of the measure of mathematical values.

**–Logical analysis of paragraphs**

Logical analysis 'is necessary in the early numbers of paragraphs because it indicates the extent to which the paragraph ostensibly represents the characteristic prepared for its measurement and 'this procedure is an appropriate means of confirming the sincerity of the scale as we can prepare the test honesty after presenting it to a number of specialists and experts in the field measured by the test if the experts acknowledge that this test or the measure measures the behavior for which it was developed the researcher can rely on the judgment of experts to measure virtual honesty, so the paragraphs were presented with the

areas for a measure of the measure Mathematical values on a group of experts and specialists were asked to express their opinion on the validity of the paragraphs of the scale, the appropriateness of the scale and whether they are formulated good or need to modify and validity of the alternatives adopted for each paragraph, and to analyze the opinions of the experts on the paragraphs of the scale, the test ( $K^2$ ) was used for one sample and each paragraph was returned valid when the value of the key box calculated function at the level (0.05) and table no. (2) shows this.

Table (2)  $q^2$  box results for expert opinions on the validity of paragraphs for the mathematical value scale

Axis	Paragraph No.	Approver s	Non-approval s	$q^2$ calculate d value	$q^2$ schedulin g value	significanc e
Commitment to the direction of the team	1 . 2 . 4 . 8 . 11	15	0	15	3.84	Acceptable
	3 . 5 . 13	14	1	11.26		Acceptable
	6 . 9	13	2	8.06		Acceptable
	7 . 10 . 12	11 and below	4 and over	3.26 And Less		Unacceptabl e
of sports laws	3 . 6 . 12	15	0	15		Acceptable
	1 . 5 . 7 .	14	1	11.26		Acceptable
	2 . 4	13	2	8.06		Acceptable
	8 . 9	12	3	5.15		Acceptable
	10 . 11	11 and below	4 and over	3.26 And Less		Unacceptabl e
Stay away from harmful habits	5 . 9 . 10	15	0	15		Acceptable
	1 . 2	14	1	11.26		Acceptable
	3 . 7	13	2	8.06		Acceptable
	4 . 6	12	3	5.15		Acceptable
Building Objective	8 . 11	11 and below	4 and over	3.26 And Less		Unacceptabl e
	2	15	0	15		Acceptable
	3 . 5 . 11	14	1	11.26		Acceptable
	6 . 10	13	2	8.06	Acceptable	
	4 . 9	12	3	5.15	Acceptable	
Compatibility, security and psychological stability	1 . 7 . 8	11 and below	4 and over	3.26 And Less	Unacceptabl e	
	5	15	0	15	Acceptable	
	1 . 6	14	1	11.26	Acceptable	
	3 . 4	13	2	8.06	Acceptable	
	8 . 10 . 11	12	3	5.15	Acceptable	
Political and	2 . 7 . 9	11 and below	4 and over	3.26 And Less	Unacceptabl e	
	3	15	0	15	Acceptable	

diplomatic behavior	11	14	1	11.26	Acceptable
	1 . 6 . 7 . 8 . 9	13	2	8.06	Acceptable
	2 . 10 . 12	12	3	5.15	Acceptable
	4 . 5	11 and below	4 and over	3.26 And Less	Unacceptabl e
Morale	1 . 2	15	0	15	Acceptable
	3 . 10	14	1	11.26	Acceptable
	4 . 9	13	2	8.06	Acceptable
	6 . 7 . 8	12	3	5.15	Acceptable
	5 . 11 . 12	11 and below	4 and over	3.26 And Less	Unacceptabl e

The  $q^2$  scheduling value at a freedom score (2-1= 1) and an error rate (0.05) is equal to (3.84).

From table (2), it is clear that approval of the validity of (64) paragraphs distributed on (7) axes at a rate (8 to 10) paragraphs per axis measures what was put for him with some floating adjustments to some paragraphs and then the researcher analyzed the opinions of specialized experts to determine the direction of the positive paragraphs of the negative paragraphs and took the researcher to direct them in this direction and then the researcher By distributing the paragraphs contained in the areas randomly on the scale.

### -Reconnaissance experiment

The survey experiment is a preliminary experimental study carried out by the researcher on a small sample before conducting the research with the aim of selecting the methods and tools of the research, and the exploratory experiment has a number of objectives, the most important of which is to identify the clarity of paragraphs and measurement instructions and calculate the time it takes to answer questions and questions if any and prepare the final picture of paragraphs before carrying out their statistical analysis and distributed to a



sample consisting of (10) The players were asked to read the instructions and paragraphs and inquire about any ambiguity and mention the difficulties they may face during the answer. The answers produced clear instructions and paragraphs and the experience showed that the time it took to answer the scale between (20–24) minutes and an average of (22) minutes to answer the player.

**–Calculation of the secometre properties of paragraphs**

The selection of paragraphs with appropriate standard secometry characteristics enables the construction of a scale with good standard characteristics, so the standard characteristics of paragraphs must be verified to select the appropriate ones and modify or exclude inappropriate paragraphs, as most psychometric specialists indicate that the secometry characteristics of scale vertebrae are of great importance in determining its ability to measure what has already been developed to measure it. Psychologists almost agree on some of the standard characteristics that should be verified in the paragraphs of personality measures, namely, the discriminatory power of paragraphs and their sincerity.

**–Discriminatory force of paragraphs**

' The discriminatory strength of the paragraph is an important standard characteristic of psychological measurement paragraphs because it reveals the ability of paragraphs to measure individual differences in the

characteristic underlying this pattern of measurement. The discriminatory force of paragraphs means "their ability to distinguish between those at the highest and lower levels of individuals in the characteristic measured by the paragraph.

To calculate the discriminatory strength of the mathematical value scale paragraphs, the sample members' grades were ranked from the highest overall to the lowest overall, and the two extremist groups were determined by a total score of (27%) of each group, if Kelly suggested that the number of members of each group of extremist groups should be in the overall class when calculating the discriminatory force of the paragraphs by 27 percent of the sample, and the number of members of each group of extremist groups (41) A player then used the t–test for two separate samples to see the significance of the differences in the grades of each paragraph between the upper and lower groups as the value of the T to denote the difference represents the discriminatory strength of the paragraph.

The use of the t–test of two separate samples in calculating the difference between the two groups in the grades of each paragraph of the scale, on the basis that the calculated T value represents the discriminatory force of the paragraph, and table (3) shows this.

Table (3) Discriminatory force of paragraphs

N	Top Group81		Lower Group 81		t–test
	X –	– +SD	X –	– +SD	
	4.49	0.618	2.121	1.080	12.191
	4.540	0.837	2.018	1.095	11.717



	3.496	1.107	2.896	1.151	2.406
	3.278	1.144	2.859	1.207	1.613
	4.600	0.986	2.432	1.136	9.229
	3.785	1.180	1.456	0.837	10.308
	3.716	1.093	2.956	1.150	3.067
	3.257	1.477	3.013	1.145	0.836
	4.555	0.807	2.327	0.874	11.992
	2.988	1.122	2.641	1.033	1.457
	4.722	1.155	2.325	1.130	9.499
	4.075	1.300	2.508	1.164	5.750
	4.832	1.422	2.288	1.014	9.327
	3.799	1.101	2.335	1.114	5.985
	4.305	1.100	2.663	1.117	6.707
	4.408	0.960	4.124	1.144	1.218
	3.812	1.533	3.247	1.268	1.818
	4.228	0.968	4.111	1.097	0.512
	4.118	1.087	3.788	1.145	1.338
	3.377	0.776	2.612	1.111	3.615
	4.439	1.514	2.676	1.104	6.025
	4.144	0.787	2.678	1.121	6.853
	3.928	1.045	3.333	1.188	2.408
	4.680	1.108	2.865	1.167	7.222
	4.123	0.988	3.913	1.153	0.886
	3.066	1.225	2.810	0.895	1.080
	4.162	0.756	3.555	0.845	3.428
	4.267	1.143	2.715	1.115	6.224
	4.606	1.212	2.588	1.224	7.501
	4.314	0.871	2.942	0.950	6.816
	4.533	1.516	4.137	1.168	1.325
	4.111	0.917	3.790	1.207	1.356
	3.655	1.312	2.777	1.225	3.132
	4.251	0.832	2.283	1.043	9.445
	4.276	1.140	3.865	1.256	1.552
	4.344	0.907	2.750	1.111	7.116
	3.659	1.315	2.770	1.223	3.170
	4.061	1.261	3.742	0.986	1.276
	4.088	0.709	3.317	0.818	4.561
	1.365	0.485	1.241	0.430	1.225
	2.862	0.350	1.241	0.950	10.252
	1.621	0.588	1.448	0.812	1.105
	2.816	1.132	1.395	0.727	6.763
	3.013	1.106	1.526	0.835	6.870
	3.211	0.893	1.434	0.732	9.852
	3.066	1.043	1.855	1.048	5.243
	3.224	0.981	1.895	1.021	6.010
	3.355	0.854	1.763	0.944	8.009
	3.316	0.862	1.750	1.002	7.588
	3.211	0.950	1.737	1.005	6.823

	3.276	0.852	1.553	0.864	9.092
	3.053	0.985	1.566	0.864	7.266
	2.895	1.071	1.560	0.820	6.335
	2.934	1.207	1.474	0.835	6.374
	2.921	1.156	1.447	0.801	6.710
	3.211	1.004	1.618	1.080	6.913
	4.175	0.613	3.288	1.095	4.526
	4.247	0.722	3.118	1.151	5.321
	3.777	0.833	2.871	1.207	3.956
	3.887	0.532	3.357	0.903	3.239
	3.599	1.271	2.733	1.232	3.133
	4.449	1.455	2.633	1.134	6.303
	4.359	0.920	4.131	1.173	0.979
	4.428	1.458	2.617	1.076	6.399

The T-table value is freely graded (80) at the indication level (0.05) = 01.99.

Table (3) shows that there are (16) segments with sequences (4-8-10-16-17-17-18-19-25-26-31-32-35-38-40-42.63) Was not distinctive because its calculated T value was smaller than the T-table value of (1.99) with a degree of freedom (80) and a significance level (0.05) and thus excluded (16) paragraphs of the scale to remain (48) paragraphs.

**-Internal consistency**

Specialists in the field of psychological measurement agree on the importance of honesty in the paragraphs of psychological measures because the sincerity of the measure depends mainly on the sincerity of its paragraphs and can be realized the logical honesty of the paragraph in estimating its representation of the characteristic to be measured, but the empirical honesty through the association of the paragraph to the overall degree is more accurate than its virtual sincerity because it reveals that the paragraph measures the same concept measured by the total degree

in the sense that the paragraphs are homogeneous in measuring what was prepared for it, and extract the sincerity of the virtuality Paragraphs by most researchers in psychological measurement experimentally by calculating the correlation factor between the grades of the paragraph and the overall degree of the scale and the association of the paragraph with an internal or external test is an indicator of its sincerity, and when a suitable external test does not go ahead, the overall degree of the respondent represents the best internal test in calculating this relationship.

After excluding the non-characteristic paragraphs in the scale, the researcher relied on the calculation of the validity of the paragraph on the Pearson Person correlation factor between the grades of each paragraph, the overall score and table (4).

Table (4) Shows the correlation factor between the scale paragraphs and the overall score on the scale

Table (4) shows that all paragraphs are statistically indicative of the fact that their correlation coefficients are higher than the scheduling value of the correlation factor at the indicative level (0.05) and the degree of freedom (149) except paragraphs (149). 27.30.43.44-57.61 If the transactions associated with them are below the scheduling value (0.160), thus the scale settled in its final form at (42) paragraph.

**–Standard Characteristics (Secometry) of the Mathematical Value Scale**

One of the most important standard characteristics of the measures confirmed by the specialists in psychological measurement are the characteristics of honesty and stability, as the accuracy of the data depends on them or the grades we obtain from psychological measures, and in order for the test to give us reliable results in making judgments and making

the right decisions must have characteristics such as honesty, stability, objectivity, and ease of use, which has been verified as described in his evidence:

**–Believe the scale**

Honesty means "the ability of the tool to measure what it has been put for or the attribute to be measured in the sense that the honest measure measures the function that it claims to measure and does not measure anything else instead. The researcher therefore adopted the types of honesty described in his dna:

Paragraph No.	r	Significance	Paragraph No.	R	Significance	Paragraph No.	R	Significance
	0.231	Moral	23	0.507	Moral	45	0.358	Moral
	0.276	Moral	24	0.273	UnMoral	46	0.372	Moral
	0.407	Moral	25	---	---	47	0.273	Moral
	---	---	26	---	---	48	0.234	Moral
	0.343	Moral	27	0.132	UnMoral	49	0.414	Moral
	0.249	Moral	28	0.271	Moral	50	0.445	Moral
	0.492	Moral	29	0.550	Moral	51	0.332	Moral
	---	---	30	0.024	UnMoral	52	0.633	Moral
	0.636	Moral	31	---	---	53	0.321	Moral
	---	---	32	---	---	54	0.423	Moral
	0.399	Moral	33	0.544	Moral	55	0.316	Moral
	0.377	Moral	34	0.485	Moral	56	0.314	Moral
	0.307	Moral	35	---	---	57	0.074	UnMoral
	0.667	Moral	36	0.431	Moral	58	0.324	Moral
	0.443	Moral	37	0.324	Moral	59	0.193	Moral
	---	---	38	---	---	60	0.448	Moral
	---	---	39	0.446	Moral	61	0.019	V
	---	---	40	---	---	62	0.507	Moral
	---	---	41	0.322	Moral	63	---	---
	0.322	Moral	42	---	---	64	0.431	Moral
	0.319	Moral	43	0.118	UnMoral			
	0.335	Moral	44	0.063	UnMoral			

The scheduling value of the link factor is free (149) and the indication level (0.05) = 0. 160.



## Reliability

“ Consistency refers to the extent of accuracy, mastery, or consistency with which the test measures the phenomenon for which consistency or consistency in the results was established ”(Gronbach, J: 1960, p:126).

To verify the internal consistency and stability of the questionnaire’s axes vocabulary, the Cronbach’s alpha coefficient was used To check the reliability:

To calculate the stability of the scale applied to a sample of (20) players representing different clubs randomly selected.

### –Alpha Gronbach Method

This method is used to calculate stability and prefers to be used when the goal is to estimate the stability factor of the personal and emotional aspects measures because they include progressive measures that do not have a correct and wrong answer, and to extract stability in this way applied the equation (Gronbach) to the grades of the 20 stability sample members players so the value of the measure stability factor (0.893) is an additional indicator that the stability factor of the scale is good.

### –The final application of mathematical value scales

The two measures were applied to the sample of the application of (75) players, and without specifying a fixed time to answer the scale, distributed to them the booklets of the two scales, and explained the method of answering the two measures, by marking (v) in front of

each paragraph and under the alternative that you see fit, and they were confirmed to answer all paragraphs of the scale accurately and honestly, knowing that the answer is on the booklet of the same two scales, and then collected the scale booklets from the testers, as they were obtained On (75) forms distributed on the sample of the application, so that the total degree of the laboratory on each scale is the sum of its grades on the paragraphs for that scale.

## Statistical Package for Social Science (SPSS)

1–To achieve the objectives of the study and analyze the collected data, many appropriate statistical methods have been used using the statistical package for social sciences (SPSS).

2–The researcher used data analysis both qualitative and quantitative data analysis methods. The Data analysis made utilizing (SPSS 25).

## Presenting and discussing the results

In order to achieve the objectives of the current research, the research was applied to the sample application of players of the second division clubs in the generosity of the foot of Nineveh province and conduct statistical analyses of the data obtained, and to reach the results that will be presented and discussed in accordance with the objectives of the research.

## –Presentation and discussion of the results of the second goal: the level of





## sports values of the players of the second division clubs in Nineveh province football.

For the purpose of identifying the level of sports values of the players of the second division clubs in Nineveh football province and after applying the measure as finalized to the sample of the application for the study of (75) players, and after analyzing the responses of the players in the light of the alternatives of the answer showed that the average calculation equals (146.76) by deviation of the standard (12.881) degrees, when compared to the hypothetical average\* of (126) degrees using the T test of one sample t-test, it became clear that the value of the T calculated (50.09) was greater than the value of the T Scheduling (1.99) at the indication level (0.05) and with a degree of freedom (74), this means that there is a statistically d difference between the two averages and in favor of the arithmetic average. This result indicates that players have a high level of sporting values.

Table (5) Results of the t-test of the difference between the mathematical average and the hypothetical average level of mathematical values

N	x-	SD+ <sub>-</sub>	Hypothetical average	t-test		The level of significance when 0.05
				Calculated	Scheduling	
75	146.76	12.881	126	50.09	1.993	Moral

**Moral value at error ratio (0.05) and freedom score (74) = 1.993**

The researcher attributes this result to the role of sports activities in positively affecting the player's personal voluntary and moral attributes, as it earns them the strength of determination

and patience and continue the struggle to reach the goals that the player seeks to achieve, as Eli points out that the exercise of sports activities earns the individual a high degree of ability to achieve personal and social compatibility and thus He can adapt to himself and the society in which he lives affects and influences him and this is a sign of high mental health (Bahi and others, Mustafa Hussein: 2002, p:103).

## Conclusions

**In light of the results of the research and its discussion within the sample limits, the researcher concluded the following:**

- The effectiveness of the measure of sports values among the players of the second division clubs in Nineveh football province, which the researcher built through the scientific procedures followed in scientific research that indicate the ability of the measure in measuring the sports values of the players of the clubs.
- Players of the second division clubs in Nineveh province are characterized by a positive level of high level of sports values in general.

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ISSJ JOURNAL

The International Sports Science Journal Vol. 5, Issue.11 November 2023

ISSN: 1658- 8452



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