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Prediction of some psychological characteristics by meaning of different body shapes of players some clubs of Muthanna and holistic hand roller

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Abstract

The study aimed to identify

Prediction of some psychological characteristics in terms of different body shapes of players Some of the clubs of Muthanna and holistic hand roller. The researcher used the descriptive method of relationships to fit it to the nature of the research. The sample of the research was determined after the researcher identified her research community and his sample of handball games. s Sports Club - Ramith Sports Club in Muthanna governorate and Diwaniyah Sports Club and Sports Raid in Qadisiyah governorate, which number (66) The problem of research involved knowing the prediction of certain psychological characteristics by meaning of the different body forms of the players some of the clubs of Muthanna and Holocaust with a handball. It was concluded that there is a predictive formula through which the psychological characteristics (of handball players) can be speculated, in terms of different body shapes, among the most important recommendations of the researcher are to apply a scale (psychological characteristics, to the players of the ball in other Iraqi clubs to identify their psychological characteristics.

Keywords: Diwaniyah, researcher, clubs, ball

1. Introduction

1.1 Introduction and Importance of Research

The psychological numbers of women players have become an urgent necessity, given the pressures of training they are subjected to and the diversity of their sources. This need is exacerbated by recent trends that view psychological care as a need to help them achieve maximum athletic performance and ensure their mental health. Female athletes' competitions are also seen as an educational means of influencing their behaviour, so more attention has been paid to studying their psychological characteristics to determine the impact of sports competitions on their psychological development, on the one hand, and on the other to the most important psychological characteristics associated with their superiority in athletic performance.

This effect may be positive, gaining the player's self-confidence, sportsmanship, commitment, responsibility, autonomy, cooperation and ability to cope with pressure. (arrogance, aggression, selfishness, excess anxiety, fear of failure and lack of self-confidence), depending on whether positive or negative on the acquisition of these mathematics), correct educational and psychological concepts and values. Knowing the reality of that effect comes from being guided by the concept of the calendar, which has the crucial role and the decisive word in its development if it is positive, and modifying it if it is negative. Understanding and interpreting the behaviour of women handball players is based on reliable correct information that comes through testing and measurement, having been transformed into meaningful and meaningful benchmarks, allowing judgement and decision-making, to achieve objective results, which achieves the standard scores and levels.

Modern trends in mathematical psychology indicate the need to deal with women players, including women (handball players). In view of the fact that the characteristics, psychological needs, influence and influence of the sporting environment and sports

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competition require a review of psychometric methods that allow the identification of its characteristics.

The researcher finds that there is an urgent need to know the psychological characteristics affecting handball players. He also finds great importance to predict the acquisition of properties through various aspects of them (the shape of the outer body), from a gear to promote and consolidate the positive ones and modify the negative ones.

1.2 Search problem

To study this problem, the following questions must be answered:

- Is the body form a factor influencing the psychological characteristics of handball players? What is the nature of that effect? Is the positive side or the negative?
- Can the psychological characteristics of handball players be predicted, in the sense of different body shapes?

1.3 Objectives of the research are

The research aims to:

- Rationing the scale (psychological characteristics), on female handball players, girl sports club, Rumaytha sports club in Muthanna governorate, Diwaniyah club and sports raid in Qadisiyah governorate.
- Applying a scale (psychological characteristics) to female handball players at the Girl Sports Club - the Rumaytha Sports Club in Muthanna governorate and the Diwaniyah and Dajara Sports Club in Qadisiyah governorate.
- Develop a predictive equation of the psychological characteristics of handball players at the Girl Sports Club - the Rumaytha Sports Club in Muthanna governorate and the Diwaniyah and Dajara Sports Club in Qadisiyah governorate.

2. According to different body shapes.

2.1 Areas of research

- The human field: women handball players for the girl sports club - the Rumaytha sports club in Muthanna governorate and the Diwaniyah and Dajara sports club in Qadisiyah governorate.
- Alzamani area: 1/6/2024 to 15/7/2024.
- Spatial area 1-4-3: The sports halls of the clubs covered in the research.

3. Research methodology and fee

3.1 Research curriculum

- The researcher used the descriptive approach, being appropriate to the nature and objectives of this study . and samples of the research community

After the researcher identified her community of research and his appointment as a handball player, at the Girl's Sports Club - the Rumaytha Sports Club in Muthanna governorate and the Diwaniyah Sports Club and Sports Raid in Qadisiyah governorate, which numbered 66 female players. The samples are

3.2 Sample Exploratory Experience

- Sample rationing
- Main trial sample (application sample)

• Means of data collection

The researcher used a scale (psychological characteristics of handball players) in his abbreviated form - as the primary means of data collection, which was prepared and prepared earlier (Asama Kamel Salat, Ibrahim Abd Rabbo Khalifa, Mona Mukhtar Morsi) scale ", consisting of (20), a paragraph under six axes, namely, competition pressure consisting of (4), paragraphs and numbers: (14, 2, 19 and 6) Motivation of excellence consisting of (3), paragraphs, and their numbers: (3, 9, 15) and mathematical sufficiency consisting of (4), paragraphs, and their numbers: (16, 13, 18, 5) mathematical values consisting of (3), phrases, and their numbers: (10, 4, 7) Coping with cognitive anxiety consists of (3) paragraphs, and their numbers: (8, 1, 11) Social compatibility consists of (3), paragraphs, and their numbers: (12, 20, 17) Alternatives to the answer were each paragraph followed by three alternatives: (Always, sometimes, never). The positive paragraphs of the scale are the ones with the numbers: (1, 2, 3, 6, 8, 9, 11, 12, 14, 15, 18, 19, 20). What negative paragraphs they carry the numbers: (4, 5, 7, 10, 13, 16, 17). The correction is done in the light of the scale's patch key paragraphs, in which the highest score is: (60), and the lowest degree is: (20). The maximum degree of the paragraph is: (3), and the minimum degree of the paragraph is: [1].

3.2 Exploratory experience

The researcher conducted the exploratory experiment on a sample of the players of the Club of Heaven from 5/6/2024 on a sample of 10 players while outside the main search sample.

The purpose of the exploratory experiment was to:

- Ensure that the meanings of the paragraphs are clear and easily understood.
- Clarity of instructions and method of answer.
- Identify the difficulties and constraints that a researcher may face.
- Know the time taken to answer the paragraphs of the scale.
- The procedure for physical measurements (height - weight), required in the process of classifying female players by external body shape, which depends on the Herata Index to measure the level of increase or decrease in body weight from normal limits. It is all the following:

$$\text{Weight Guide (F)} = \frac{3 \text{ Weight (kg)}}{\text{Length (m)}} \times 1000$$

3.3 Of the scale's scientific transactions

3.3.1. Honesty

Through the questionnaire distributed to (8), the researcher extracted the authenticity of the (content) content from * sports psychologists, who indicated the validity of the paragraphs of the scale as used by the researcher to confirm the validity of the scale, by evaluating the specialists who indicated the validity of the measure by: (ostensibly related to (the psychological characteristics of the players), the nature and clarity of the paragraphs, the instructions of the measure, the time allocated to answers to each paragraph, and to the paragraphs of the measure as a whole).

Persistence:

The test is consistently intended "not to be affected by the change in external factors or circumstances, indicating a consistent response to the individual, no matter what the circumstances change" [2].

To verify the stability of the scale scores, the method (measurement and reassessment) was used, applied to the sample of the exploratory experiment, dated 5/6/2024, and reapplied 14 days after the first application. Pearson's coefficient scores, between the first and second application grades, confirmed that all metric vertebrae enjoyed a high degree of stability, with the coefficient being 0.85.

3.3.2 Main experience 3-3-2 (metric application)

After completing the exploratory experiment and obtaining its results, the validity of the scale became apparent, with the researcher conducting the main experiment on the (main experiment sample), the 66, a player of the date (5/7/2024).

3.4 Statistical means

The researcher used a range of statistical means to process data and demonstrate results, as follows:

- Computational Medium
- Standard deviation
- AI-Manal
- Standard error
- Intestinal Class

Presentation, analysis and discussion of results:

This credit includes a presentation of the research's findings in light of the research objectives and an analysis and interpretation of these findings according to the following order:

Standards building 2-4 for search variables:

Table 1: Shows the raw grades and standard scores of the rationing sample in a scale (psychological characteristics)

Standard Grade	Raw Grade	Standard Grade	Raw Grade	Standard Grade	Raw Grade	Standard Grade	Raw Grade
27	35	37	50	47	65	57	80
27	34	36	49	46	64	56	79
26	33	36	48	46	63	55	78
25	32	35	47	45	62	55	77
25	31	35	46	44	61	54	76
24	30	34	45	44	60	54	75
23	29	33	44	43	59	53	74
23	28	33	43	42	58	52	73
22	27	32	42	42	57	52	72
21	26	31	41	41	56	51	71
21	25	31	40	40	55	50	70
20	24	30	39	40	54	50	69
19	23	29	38	39	53	49	68
19	22	29	37	38	52	48	67
18	21	28	36	38	51	48	66
0.754	Fixed amount *	7.338	Standard deviation	0.891	Standard error	38.332	Computational Medium

3.5 Statistical description of variable distributions (psychological characteristics) of the research community:

Table 2: Shows the arithmetic circles, standard deviations, twist coefficient and the research community's normative error in the research variable (psychological characteristics)

QC	l	m.	P	Q.	Variable
0.884	0.376	39	9.113	45.342	Psychological Characteristics

The results of table (2) indicate the good prevalence of player scores at the research variable (psychological characteristics), where the values of the zero twist coefficient indicate that it has achieved the moderate curve, and the results also confirm that the number of female players is appropriate. The value of the small standard error indicates this.

3.4.1 Finding a correlation between psychological characteristics and different body shapes in the research sample individuals:

In order to ascertain the morale of the association, the T law was used, so that the value (v), calculated at 3.183, was greater than the calendar (2.00), at a degree of freedom (65) and an indicative level (0.05), thus confirming the morale and reality of the association between the two variables in question.

Table 3: Shows the value of the coefficient of association between (psychological characteristics, different body shapes) in the research sample individuals

Statistical connotation	Calculated value (v) *	Binding coefficient	Variables
Moral	3.183	0.307	Psychological Characteristics _ Body Shapes

3.4.4 Extract indicators of linear regression equation model:

The table indicates that the value (q), calculated to be 27.557, is greater than the value (q), the value (5.00), at 1, 65, and the level of indication (0.05), which indicates the morale of the simple linear regression model, and therefore the model represents the relationship between the two variables under consideration with the best representation.

Table 6: Shows linear regression equation model

Statistical connotation	Calculated value (v) *	Binding coefficient	Variables
Moral	27.557	0.469	Psychological Characteristics _ Body Shapes

3.4.5 Extraction of regression equation transaction values:

Table 4 indicates that (v), calculated for junction factor (a) and regression factor (b), respectively (15.365,

8.337), are greater than (v), tabular (2.00), at a degree of freedom (66) and an indicative level (0.05), indicating the morale of the two factors (a, b) for a simple linear regression model, i.e. the equation of the regression model does not pass the point of origin, and the value of the regression coefficient is not equal to zero.

Table 4: Shows the values for regression equation transactions and the morale of the model parameters

Connectedness	Coefficient Value	Value (v)	Transactions
Moral	15.365	35.578	Fixed amount (a)
Moral	8.337	0.194	Fixed amount (b)

Thus, the predictive equation of the psychological characteristics of handball players could be developed in terms of different body forms, using the simple linear regression equation, as follows:

Value (psychological characteristics of handball players) (r) = fixed amount (a) + fixed amount (b) \times value (different body shapes) (o).

$$p = 35.578 + 0.194 \times x$$

The player's estimate of (psychological characteristics), which is the estimate of (different body shapes), has (39) e.g.:

$$p = 35.578 + 0.194 \times 39$$

$$p = 49.57$$

While the computational medium of (psychological characteristics), is equal to (42.342).

The main objective of the research is thus to develop a predictive equation of the psychological characteristics of handball players, depending on the different body forms, in some clubs of Diwaniyah and Muthana governorates.

4. Conclusions and Recommendations

4.1 Conclusions

Through the results, the light of the objectives and the approach used, within the scope of the research sample and from the data collected by the researcher and within the statistical processing framework, the following conclusions have been reached:

- Develop a predictive formula by which psychological characteristics (for handball players) can be speculated, in terms of different body shapes.
- That psychological characteristics, associated with a function relationship, with different body shapes
- Standards derived from the rationing sample are a reliable assessment and interpretation of the psychological characteristics of handball players, by comparing each player's level with that of other female players.

4.2 Recommendations

In light of the research results, the researcher recommends that:

- Apply a scale (psychological characteristics, to the players of the handball in other Iraqi clubs to recognize their psychological characteristics.
- Periodic and ongoing evaluation of the psychological characteristics of women handball players, as an input for their psychological care.
- Develop applied programmes for the psychological care of handball players.
- Relying on predictive equations resulting from this and other studies, when selecting handball players.

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Supplement (1)

Scale (psychological characteristics of handball players), abbreviated

Dear player:

Greetings...

In your hands a list of phrases please answer them thoroughly, taking into account the following observations:

- Please read it every phrase, and after you understand what it means, answer it directly with what applies to you personally, and there are no correct and wrong answers.
- Mark (\) in front of the phrase, under the answer alternative that applies to you
- The need to answer explicitly and accurately about phrases
- Leave no words unanswered
- Your answer will be strictly confidential, for scientific research purposes

An example of an answer

- I have the ability to continue sports training.

Always Sometimes Never

Never	Sometimes	Always	Ferry	T
1	2	3	I have the ability to continue sports training.	1
1	2	3	I feel vibrant and active throughout my training	2
1	2	3	I sacrifice loving things to attend training or competition.	3
3	2	1	I avoid meeting a strong competitor for fear of failure.	4
3	2	1	I'm thinking about withdrawing from sport for fear of failure.	5
1	2	3	I have a determination to master training duties and tasks despite their difficulty	6
3	2	1	My physical efficiency decreases during sports competition	7
1	2	3	I can change the way I perform my skills depending on the competition conditions	8
1	2	3	I collaborate with my teammates to achieve the best results in sports competition	9
3	2	1	I find it difficult to implement gameplans	10
1	2	3	My physical abilities help me to be the best player.	11
1	2	3	I have friends from members of sports teams and other clubs	12
3	2	1	My performance drops when facing a strong competitor	13
1	2	3	I can resist fatigue in order to win over the competitor	14
1	2	3	I take responsibility with my colleagues for the achievement of the team's objectives	15
3	2	1	I'm afraid of getting infected when I subscribe to sports competition.	16
1	2	3	I am respected by others *	17
3	2	1	I find it difficult to differentiate between training and study requirements	18
1	2	3	I do my best in the match regardless of the result	19
1	2	3	I feel happy to participate in social team parties	20