

# Evaluation of Self-Differentiation and Awareness of Creativity for the Players of the University of Kufa Basketball Team

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**Abstract---** *The current research aims to identify the following:*

1. *Identify the differentiation of self and awareness of creativity for the players of the University of Kufa basketball team.*
2. *Assessment of self-differentiation and awareness of creativity for the players of the University of Kufa basketball team.*

*The researchers used the descriptive method in the survey method, and the research community determined the players of the team of the University of Kufa basketball and the number (12) players, and then the researchers selected and applied the criteria of self-differentiation and awareness of creativity on the research sample, the results were extracted and the use of appropriate statistical treatments to reach the results The results were presented, analyzed and discussed. The researchers reached the most important conclusions:*

1. *The players of the University of Kufa basketball team enjoy a high level of self-differentiation and awareness of creativity.*
2. *There are real differences when the players of the University of Kufa basketball in the differentiation of self and awareness of creativity.*

**Keywords---** *Evaluation, Creativity and Players.*

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## I. INTRODUCTION

Basketball game is one of the advanced and fast games that have received great attention at the global, regional and local level, being difficult games that require physical fitness, skill and high planning, mental abilities at a high level and psychological numbers of a special kind, because the process of influencing and influencing the sports environment Sports competition will require it. The method of self-differentiation is a cognitive style, not a personal trait, but it has a significant impact on the player's personality and perception, so the study of the characteristics of the player has become necessary, because of its importance in building his character, self-differentiation can determine how the player perceives relationships, and things , And events and reality <sup>(1)</sup>, players must differentiate, to be a unique and well-defined personality, enabling them to perform the duties assigned to them by the coach, as

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well as the players to understand each other during the games and for this uniqueness and independence in the personality of each individual productive and effective For the benefit of the team must be in harmony with an Awareness of creativity and awareness of any creative players play to their ideas and how these ideas employ creative energies in their field, and from this perspective requires the use of psychological measurement to identify these psychological variables methods in order to raise the level of the game of basketball <sup>(2)</sup>.

Through the above, the importance of research lies in the knowledge and evaluation of self-differentiation and awareness of creativity among the players of the team of the University of Kufa basketball.

### ***Research Objectives***

1. Identify the differentiation of self and awareness of creativity for the players of the University of Kufa basketball team.
2. Assessment of self-differentiation and awareness of creativity for the players of the University of Kufa basketball team.

### ***Hypothesis***

There are real differences in self-differentiation and awareness of creativity for the players of the University of Kufa basketball team.

## **II. RESEARCH METHODOLOGY AND FIELD PROCEDURES**

### ***Research Methodology***

It is the nature of the problem to be determined that determines the nature of the curriculum, and researchers have used the descriptive method of survey methods and correlations.

### ***Research Community***

The research community determined the players of the team of the University of Kufa basketball and the number 12 players and the search community was selected all, and 5 players for the experiment.

### ***Instruments and Tools used in Research***

#### ***Devices and Tools used in the Research***

- Stopwatch number (1).
- Portable calculator type (Dell) number (1).
- Stationery (papers - pens).
- Arab and foreign sources.
- Metrics.

### ***Field Research Procedures***

#### ***Procedures for Selecting the Criteria of Self-Differentiation and Awareness of Creativity***

The researchers used the self-differentiation and creativity awareness scales of the researcher (Wahb Razak), where the measure of self-differentiation consists of (39) paragraphs and the measure of creativity awareness (28)

items answered by the examiner according to five alternatives are (always, often, sometimes, rarely, never) The scores (1,2,3,4,5), respectively, where the highest score on the scale of self-differentiation is (195), the lowest score is (39), and the scale of creativity awareness, where the highest score on the scale is the lowest score is (28).

In order to apply the two scales, the researchers presented the two scales to a group of experts and specialists (see Appendix 2) in the field of sports psychology, testing and measurement, for the purpose of evaluating and judging them in terms of their validity in what was set for them and after briefing the experts and specialists on paragraphs. The researchers then extracted the calculated value of (Chi square) for the agreement of experts and specialists and accepted the nomination of paragraphs whose calculated value of (Chi square) is greater than its tabular value of (3.84),<sup>(3)</sup> as shown in tables (1).

Table 1: Shows the Number of Approvers and the Calculated Values (Chi Square) and the Moral Significance of the Paragraphs of the Self-Differentiation and Creativity Awareness

Scale	Number of approved experts	Number of unapproved experts	Calculated value (Chi square)	Type of significance
Self-differentiation (all paragraphs)	6	0	6	Sig.
Creativity awareness (all paragraphs)	6	0	6	Sig.

After the validity of the paragraphs and the test by the expert's gentlemen, the two measures are ready to be applied in their final form.

#### ***Pilot Study, Measures of Self-Differentiation and Creativity Awareness***

After setting the instructions for the two scales, the researchers conducted the exploratory experiment on Sunday 17/2/2019 in the hall of the Faculty of Physical Education and Sport Sciences - University of Kufa to reveal the following:

1. To ensure the clarity of the instructions and paragraphs of the scale of the sample.
2. Identify the time taken to answer the two measures.
3. Identify the conditions of application of the two measures and the accompanying difficulties.
4. The researchers have practical training to identify themselves on the negatives and positives that correspond to it during the conduct of the main test.
5. Extraction of stability coefficient.

#### ***The Experience Revealed the following:(4)***

1. The instructions were clear by the respondents.
2. The paragraphs were clear and unambiguous.
3. The two scales were suitable for the sample.
4. The time taken for application was between (8-12) minutes.
5. The answer alternatives were appropriate for the sample level.
6. Stability coefficient was extracted.

### III. PSYCHOMETRIC CHARACTERISTICS

#### A. Validity of the Scale

The degree of Validity is the most important factor for the tests of the quality of tests and scales, the meter or honest test is defined as (a test that measures accurately enough phenomenon that is designed to measure and does not measure anything in addition or in addition).

Validity has several meanings that vary according to the use of the test, and Validity is intended to measure the test what it was developed for, that is, the honest test measures the function that he claims to measure and does not measure anything else instead or in addition to.

#### 1. Believe Content

The purpose of this type of Validity is to know the extent to which the test or measurement represents the aspects of the attribute or trait to be measured, and whether the test or measure measures a specific aspect of the phenomenon or measures it all, ie, the extent of its content to what it wants to measure and used in determining the opinions of experts in the field, the test tries to measure it.

Researchers have verified the validity of the meter through the content or content validity index, often through a logical judgment on the existence of the attribute, attribute, or ability involved to verify whether the proposed measurement method actually measures it or not when they are presented to a group of experts and specialists to determine their validity.

#### B. Stability of the Scale

The concept of stability is one of the basic concepts in measurement and must be available in the scale in order to be usable, and the test coefficient of stability was found by testing and re-testing to test the two scales and test on the exploratory sample, where the test was on Sunday On 3/3/2019, after unloading the data extracted the value of (r), including researchers found that the two scales have a high degree of stability, if the value of (r) (0.93) for the measure of self-differentiation and (0.91) for the measure of creativity awareness.<sup>(5)</sup>

#### *The Main Experience of the Standards of Self-Differentiation and Awareness of Creativity*

The researchers conducted the application of the two measures on the members of the sample of (12) players representing the team of the University of Kufa for the academic year 2018-2019 on 24/3/2019.

### IV. RESULTS:

Table 2: Shows the Value of the Mean and Standard Deviation and the Value of (t) between the Players of The University of Kufa Basketball for the Variables of Self-Differentiation and Awareness of Creativity

Scale	N	Mean	SD	Skewness	Calculated (t) value	Sig.	Type of significance
Self-differentiation	12	177.40	4.16	0.789	8.41	0.000	Sig.
Creativity awareness	12	114.90	5.02	0.385	7.704	0.000	Sig.

Table (2) shows the results of the research variables in the scale of self-differentiation and awareness of creativity, and extracted the results show this indicates the existence of significant differences between the players.<sup>(6)</sup>

## V. DISCUSSION

From what was presented in Table (2) shows that all the results in the two scales have indicated the existence of real and significant differences for the players of the team of the University of Kufa and the researchers attribute the reason for the existence of real teams to the performance and capabilities of the players during the games in an escalating format and this in turn reflected on the high fighting spirit they possess This comes through the guidance of the coach, especially the recruitment of players and psychological preparation, especially when the levels are close,<sup>(7)</sup> the boundary is the psychological factor, and this is due to the coach of the University of Kufa, being a specialist in counseling and psychological guidance, which led to a good deal with his players, and this deal team to the University of Kufa for advanced centers in the Iraqi universities Championship.<sup>(8)</sup>

Players must be characterized by a high level of self-differentiation to having a sense of equilibrium, emotional maturity, and the ability to self-esteem, and therefore have the ability to achieve themselves and the result is the ability to differentiate, according to Murray Bowen, the owner of the theory of natural systems,<sup>(9)</sup> as well as The nature of sporting work that requires continuous interaction between individuals. The interaction of the player with others, and communication with them gives a clear vision of himself, and his personality and this leads to the impression of others, and thus makes it differentiated by the link between the independent himself, and others in social content certain.<sup>(10)</sup>

## VI. CONCLUSIONS

In the light of the findings, the following conclusions can be formulated:

1. The players of the University of Kufa basketball team enjoy a high level of self-differentiation and awareness of creativity.
2. There are real differences when the players of the University of Kufa basketball in the differentiation of self and awareness of creativity.
3. The greater the self-differentiation and awareness of creativity, the better the results.

**Ethical Clearance:** People identified as potential research participants because of their status as relatives or carers of patient's research participants by virtue of their professional role in the university and departments.

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## REFERENCES

- [1] Linville PW. Self-complexity and affective extremity: Don't put all of your eggs in one cognitive basket. *Social cognition*. 1985 Mar;3(1):94-120.
- [2] Linville PW. Self-complexity as a cognitive buffer against stress-related illness and depression. *Journal of personality and social psychology*. 1987 Apr;52(4):663.
- [3] A. S. B. A. and M. A. A. Abdullah Hasan Jabbar, Maytham Qabel Hamzah, Salim Oudah Mezan, "Green Synthesis of Silver / Polystyrene Nano Composite ( Ag / PS NCs ) via Plant Extracts Beginning a New Era in Drug Delivery," *Indian J. Sci. Technol.*, vol. 11, no. 22 June 2018, pp. 1-9.
- [4] Burke PA, Dollinger SJ. "A Picture's Worth a Thousand Words": Language Use in the Autophotographic Essay. *Personality and Social Psychology Bulletin*. 2005 Apr;31(4):536-48.
- [5] Friedman E. Generation to generation: Family process in church and synagogue. *Guilford Press*; 2011 Jun 17.

- [6] Alsayigh HA, Athab NA, Firas M. *Journal of Global Pharma Technology The Study of Electrical Activity of the Triceps Brachia Muscle according to the Chemical Changes of Water Loss during Spike in Volleyball.* 2017;57–62.
- [7] Ali Jabbar Abdullah. Mohamed, A.K., Al-Shammari, M.M.(2019). "Study of Model Climate Maps using Geographic Information System (G.I.S)" *Indian Journal of Public Health Research and Development.* 10 (1): 295-299.
- [8] Jumaah H, Ktaiman A, Abdul N, Athab K, Mohammed A. The Effect of Using Pain Management Techniques in the Rehabilitation of Chronic Lower Back Injury in Athletes and Non- Athletes:108–12.
- [9] Abdullah Hasan et al., 2018" Chemical synthesis and characterization of silver nanoparticles induced biocompatibility for anticancer activity", *Indian Journal of Public Health Research & Development*, 9 (11), 352-357.
- [10] Athab NA. An Analytical Study of Cervical Spine Pain According to the Mechanical Indicators of the Administrative Work Staff. *Indian Journal of Public Health Research & Development.* 2019;10(5):1348-54.