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The Concept Of Self As Moderator Between Self-Esteem And Trend Towards Others

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Abstract. The study aimed to determine the concept of self as moderator between self-esteem and trend towards others. The study sample consists of (300) students who were chosen from two countries, and to achieve the objectives of the study the researchers use self-esteem scale, self-concept scale, trend toward others scale, after collecting and processing information statistically using the Statistical Package for Social Sciences SPSS, the researchers reached the following results: the level of self-concept at university students is low, the level of self-esteem at university student is medium, the level of trend toward others at university student is medium. The self-concept don’t play moderator role between self-esteem and trend toward others. It is assumed that there are significant differences in terms of self-esteem compared to Romania Algeria. It is assumed that there are significant differences in the comparative self-concept of Romania Algeria.

Keywords. concept of self, moderator, self-esteem

Introduction

Self concept is one of the oldest constructs in the social sciences and it is widely acknowledged that it plays a central role in all learning situations. (Patricia & Fellix, 2012)

During the European Middle Ages, the word "concept" referred to "the act of conceiving." The sense of the mental processes converting apprehended impressions into an abstract thought was first recorded in 1380. (Joseph A. Bailey, 2003)

Self concept has received wide attention from scientists and researchers in many areas (psychological, social, educational) that is of self-esteem, a complex that refers to the image that an individual have about himself by referring to his physical, psychological and social image.

The image that an individual makes or drops on his or her own whether positive or negative is a reflection of his or her personal identity and behavior. His relationships with members of the community. The way people define themselves is an indicator of the
way they define their lives and their actions. Understanding a person’s self-concept is therefore a particularly important way to understand much of what they do (Cross, 2011).

In (2012) "Patricia Arnaiz" & "Felix Guillen" They conducted a study the result was Self-concept levels both globally and in the academic, social and emotional dimensions were determined. (Patricia & Felix, 2012)

The self concept is not the only concept who can effect in the individuel but there is other concepts like self-esteem. Though the history of psychology research over 1800 studies investigate is self-esteem have been published over the past 35 years. (Abdel-Khalek, 2016) Self esteem is to evaluate the difference between their image of self and ideal self. We understand the self esteem level of the individual by looking at the discrepancy between how the individual perceive oneself and the self they would like to be (ÜMMET, 2015)

In study "Maheswari" & "Maheswari" (2016) show that The Major Findings Of The Study Revealed That More Than Half Of The Respondents (52.5%) Had Low Self-Esteem. Whereas 47.5 Per Cent Of Them Have High Self-Esteem. (Maheswari & Maheswari, 2016)

Those two variable self concept & self-esteem both they have an important role in the view of the individuel about him self, but Self-concept is not self-esteem, although self-esteem may be a part of self-concept. Self-concept is the perception that we have of ourselves, (Courtney E. Ackerman, 2020) that can be effect on trend toward others in life so this study came the determine the concept of self as moderator between self-esteem and trend towards others.

What is self concept?
Self-idea is for the most part thought of as our individual view of our conduct, capacities, and extraordinary qualities—a psychological image of who you are as an individual.

Self-idea will in general be progressively pliable when individuals are more youthful and as yet experiencing the procedure of self-revelation and character development. As individuals age, self-discernments become substantially more point by point and sorted out as individuals structure a superior thought of what their identity is and what is critical to them. (Cherry, 2020)

Self-idea has been characterized as: "one's self-identity, a diagram comprising of a composed assortment of convictions and sentiments about oneself"; as "one's feeling of 'me' personality, as "I"; and as "a subjective examination of our physical, social, and scholarly ability." (Joseph A. Bailey, 2003)

What is self-esteem?
Rosenberg (1965), one of the pioneers in this space, expressed that self-esteem alludes to an individual generally positive assessment to oneself. He included, that high confidence comprises of an individual regarding himself and viewing himself as commendable. In a comparative vein, Sedikides and Gress (2003) expressed that confidence alludes to person's observation or emotional evaluation of one's own self-esteem, one's sentiments of sense of pride and fearlessness and the degree to which the individual holds positive or negative perspectives about self. (Abdel-Khalek, 2016)

self esteem is to evaluate the difference between their image of self and ideal self. We understand the self esteem level of the individual by looking at the discrepancy between how the individual perceive oneself and the self they would like to be. Self esteem represents the individual’s feelings such as self acceptance, personal appreciation, overall acceptance of the personality and self-love. (ÜMMET, 2015)
The research objectives
To order to carry this study we considered the following objectives:
- Identification the level of self concept.
- Identification the level of self-esteem.
- Identification the level of trend toward others.
- determine if self concept can play the role as moderator between self-esteem and trend toward others.

And according to determine the concept of self as moderator between self-esteem and trend toward others the researchers set the following hypothesis:
1- is assumed that the level of self concept at university students is medium.
2- is assumed that the level of self-esteem at university student is medium.
3- is assumed that the level of trend toward others at university student is medium.
4- is assumed that self concept play moderator role between self-esteem and trend toward others.
5. It is assumed that there are significant differences in terms of self-esteem compared to Romania Algeria
6. It is assumed that there are significant differences in the comparative self concept of Romania Algeria

Study participants
300 students from Romania and Algeria participated in this study, of which 184 were girls and 116 were boys. The sample of Romania included 139 girls and 11 boys, while the sample of Algeria included 105 girls and 45 boys.

This inequality can be justified by the fact that the number of student girls is higher than the number of student boys in both countries and the questionnaire was administered online.

Table 1. show the frequency and the percent sample of the study

| sample  | Frequency | Percent |
|---------|-----------|---------|
| Romania |           |         |
| Female  | 139       | 92.7    |
| Male    | 11        | 7.3     |
| Algeria |           |         |
| Female  | 105       | 70      |
| Male    | 45        | 30      |
| total   |           |         |
| Female  | 184       | 61.3    |
| Male    | 116       | 38.7    |

The average age of the participants in Romania was 24.66 years, the minimum age was 18 years and the maximum age was 52 years, most of the respondents being 20 years old, while the participants in Algeria was 32.85 years the minimum age was 21 years and the maximum age was 56 years, most of the respondents being 22 years old.

24 of the participants from Romania were over 35 years old and 126 of the respondents were up to 35 years old, and in Algeria 13 of the participants were over 35 years old and 7 up to 35 years old, and according to table we recognize that there is missing value in the Algeria participants respondents to the age.
Table 2. show the statistic of age to sample of the study

|          | N  | Valid | 150 | Missing | 0  |
|----------|----|-------|-----|---------|----|
| Romania  |    | Mean  | 24.66 | Median  | 21.00 |
|          |    | Mode  | 20   | Minimum | 18  |
|          |    | Maximum | 52 |         |     |
| Algeria  |    | N    | 20   | Missing | 130 |
|          |    | Mean | 32.85 | Median  | 30.00 |
|          |    | Mode | 22   | Minimum | 21  |
|          |    | Maximum | 56 |         |     |

|          | Frequency | Percent |
|----------|-----------|---------|
| Romania  | up to 35 years | 126 | 84.00 |
|          | over 35 years  | 24  | 16.00 |
| Algeria  | up to 35 years | 13  | 8.7 |
|          | over 35 years  | 7   | 4.7 |
|          | Missing       | 130 | 86.7 |
| Total    | up to 35 years | 139 | 46.3 |
|          | over 35 years  | 31  | 10.3 |
|          | Missing       | 130 | 43.3 |

Research tools
the fresearchers for testing the hypothese use the followin tools:

Self-Esteem Scale
To examine the level of self-esteem, researchers use scale, which consists of (18) item, and to response to this question Five alternatives have been identified to answer which are (Strongly agree- agree- neutral-disagree-Strongly disagree) by weights (5-4-3-2-1).

Self Concept Scale
The scale of self concept was consists of (14) item, and to response to this question Five alternatives have been identified to answer which are (Strongly agree- agree- neutral-disagree-Strongly disagree) by weights (5-4-3-2-1).

Trend Towards Others Scale
The scale of trend towards others was consists of (6) item, and to response to this question Five alternatives have been identified to answer which are (Strongly agree- agree- neutral-disagree-Strongly disagree) by weights (5-4-3-2-1).

Semetric characteristics
Validity
Self-Esteem Scale
The sincerity of internal consistency:
The Pearson correlation coefficient was applied to determine the extent to which each item was associated with the overall score of the scale and the results showed retention (18) item as the values of the Pearson correlation coefficient for these item ranged from (0.335) to (0.821), which indicate the correlations of the item for the total sum, and these results indicate consistency.

Self Concept Scale
For testing validity of the scale we used Pearson correlation coefficient termine the extent to which each item was associated with the overall score of the scale and the result show that the item relates to the overall score and the correlation was between (0.511) to (0.824).

Trend Towards Others Scale
For testing validity of the scale we used Pearson correlation coefficient termine the extent to which each item was associated with the overall score of the scale and the result show that the item relates to the overall score and the correlation was between (0.556) to (0.701).

Stability:
The value of the stability coefficient of 'Alpha Kornbach' (0.906) for self-esteem scale and it’s a high value indicating that the tool enjoys high stability, and for self concept scale the stability was (0.899) which also indicate a high, while the scale of trend towards others was indicate (0.656).

Data analysis and processing
1- is assumed that the level of self concept at university students is medium.
To testing this hypothes, the arithmetic averages and standard deviations of the total sample responses on the scale and the results are calculated in the following table:
Since the scale adopted in the study is the five "Likart" ladder, there are four spaces between each degree, and the length of the period has been determined by dividing the highest alternative by the number of distances (4/5) and we have a distance of 0.80.

| weighted averages | level        |
|-------------------|--------------|
| from 1 to 1,79    | very low     |
| from 1,80 to 2,59 | low          |
| from 2,60 to 3,39 | medium       |
| from 3,40 to 4,19 | high         |
| from 4,20 to 5    | very high    |

Table 3. shows the calculation of weighted averages.

| item                                                                 | arithmetic averages | standard deviations | level  |
|---------------------------------------------------------------------|---------------------|---------------------|-------|
| 01 When I am in a difficult situation or a problem, I do not find someone standing beside me | 2,56                | 1,242               | low   |
| 02 I feel the unit because I have a few friends                     | 2,99                | 0,282               | Medium|
According to the result in the table we recognize that the level of self concept at university students is low, we finde that the item (2, 10, 12, 13, 14) there arithmetic mean can range from 2.68 to 3.04 They fall into the third category of weighted average and indicate a medium level. Also we see that the items (1, 3, 4, 5, 6, 7, 8, 9, 11) Its arithmetic mean can range from 1.61 to 2.56 and it fall into the second category of weighted average and indicate a low level. As shown in the table that the mean of the score was 3.25 and it fall into seconde category of weighted average and indicate a low level of self concept.

2 - is asssmed that the level of self-esteem at university student is medium

| item | arithmetic averages | standard deviations | level |
|------|---------------------|---------------------|-------|
| 01   | I trust my ability to think | 3,37 | 1,502 | medium |
| 02   | Others see that I am a person who can succeed in life | 3,38 | 1,426 | Medium |
| 03   | I feel my mental ability has evolved from what it was | 3,49 | 1,494 | High  |
| 04   | I make a good impression on others | 3,30 | 1,381 | Medium |
| 05   | When I compare myself to others, I feel better off | 2,79 | 1,233 | Medium |
| 06   | My good characteristics make me better off than others | 3,07 | 1,389 | Medium |
| 07   | I feel I will have a big deal in the future | 3,18 | 1,353 | Medium |
| 08   | Teachers think I am a superior person | 2,75 | 1,130 | Medium |
| 09   | Trust my friends at university | 2,97 | 1,291 | Medium |
| 10   | I accept criticism with a welcome hand | 3,16 | 1,241 | Medium |
| 11   | I see that I am someone who can achieve his goals | 3,31 | 1,399 | Medium |
According to the result in the table we recognize that the level of self-esteem at university students was medium, we finde that the item (3) arithmetic mean was 3.49 and it fall into the fourth category of weighted average and indicate a high level.

Also we see that the items (1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18) there arithmetic mean can range from 2.75 to 3.39 and it fall into the third category of weighted average and indicate a medium level.

As shown in the table that the mean of the score was 3.16 and it fall into third category of weighted average and indicate a medium level of self-esteem.

### 3 - is asssed that the level of trend toward others at university student is medium.

Table 6. shows the likely average score for each of the scale question

| item                                                                 | arithmetic averages | standard deviations | level  |
|----------------------------------------------------------------------|---------------------|---------------------|--------|
| 01 I feel comfortable being in a place where members of the other gender are | 3,37                | 1,106               | medium |
| 02 I don't have to make friends with the other gender                | 3,12                | 1,236               | medium |
| 03 I feel attractive toward the other gender                         | 3,12                | 1,053               | medium |
| 04 I have friends of the other gender                               | 3,39                | 1,239               | medium |
| 05 I can easily express my feelings                                  | 3,21                | 1,315               | medium |
| 06 I have a lot of friends standing sideways                         | 2,77                | 1,242               | medium |
| score                                                               | 3,16                | 4,692               | medium |

From the table we recognize that the level of trend toward others at university student is medium, and all the items of the scale show medium level, the arithmetic mean was between 2.77 to 3.39 and it fall in the third category of weighted average and indicate a medium level.

As shown in the table that the mean of the score was 3,16 and it fall into third category of weighted average and indicate a medium level of trend toward others at university student.

### 4- is asssed that self concept play moderator role between self-esteem and trend toward others.

To testing this hypothes the researchers used regression by amos softwer and the following result have found :
According to the figure and the table that The regression coefficient of the effect of the independant variable on the moderator variable is 0,052 This means that there is low effect between the two variables, while the coefficient of the effect of the moderator variable on the dependant variable has reached its regression factor -0,009 This means that the intermediate variable does not affect the dependant variable, and the direct effect of an independant variable on the dependant variable with the moderator variable was 0,160 wich mean there is a low effect.

And according to Baron and Kenny proposal(Antonio, Marta, 2013) the conditions for mediation, were met only in the third equation, so that mean the self concept don’t play moderator role between self-esteem and trend toward others.

5. It is assumed that there are significant differences in terms of self-esteem compared to Romania Algeria.

According to the table the mean value of Algeria people was 45,44 in a standard deviation estimated at 21,269 the standard error of 1,737 while the Romania people reached their mean to 68,44 standard deviation 7,735 and standard error 0,632.
### Table 9. Independent Samples Test

| Levene's Test for Equality of Variances | t-test for Equality of Means |
|----------------------------------------|-----------------------------|
| F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |
|---|------|---|----|-----------------|----------------|----------------------|-------------------------------------------|
| Equal variances assumed | 1,46 | 0 | 0 | 298 | .0 | 22.99 | 1.848 | - | - |
| Equal variances not assumed | 12.4 | 46 | 0 | 737 | .0 | 22.99 | 1.848 | - | - |

The table also shows that the results of Levene's Test for Equality of Variances are a not function where the value of SIG is 0.000 It is low than the significance level 0.05 which mean that the Equality of Variances between the Algeria people and Romania people are significant differences between the Equality of Variances and t-test results for conditions that are equal to and not equal to Variances Since Levin's value is a less than 0.05 The corresponding result will be relied upon to Equal variances not assumed which It reached the value of SIG 2-tailed 0.000 and it is low than 0.05, according to this result It is assumed that there are significant differences in terms of self-esteem compared to Romania Algeria.

### 6. It is assumed that there are significant differences in the comparative self concept of Romania Algeria.

### Table 10. Group Statistics

| Statistiques de groupe |
|------------------------|
| Countr y | N | mean | standard deviation | standard error |
|---|---|------|-------------------|---------------|
| self.concept | | | | |
| Algeria | 150 | 32.30 | 10.615 | .867 |
| Romania | 150 | 34.97 | 8.159 | .666 |
According to the table the mean value of Algeria people was 32,30 in a standard deviation estimated at 10,615 the standard error of 0,867 while the Romania people reached their mean to 34,97 standard deviation 8,159 and standard error 0,666.

### Table 11. Independent Samples Test

| Levene's Test for Equalities of Variances | t-test for Equality of Means | 95% Confidence Interval of the Difference |
|------------------------------------------|------------------------------|-----------------------------------------|
| F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | Lower | Upper |
|---|------|---|----|----------------|-----------------|----------------------|-------|-------|
| Equal variances assumed | 6,4 | 1 | 2,44 | .0 | 298 | .0 | -2,671 | 1,093 | 4,82 | -519 |
| Equal variances not assumed | 3,2 | 2 | 3 | -2 | 279 | .0 | -2,671 | 1,093 | 4,82 | -519 |

The table also shows that the results of Levene's Test for Equality of Variances are a not function where the value of SIG is 0,012 It is low than the significance level 0,05 which mean that the Equality of Variances between the Algeria people and Romania people are significant differences between the Equality of Variances and t-test results for conditions that are equal to and not equal to Variances Since Levin's value is a less than 0,05 The corresponding result will be relied upon to Equal variances not assumed which It reached the value of SIG 2-tailed 0,015 and it is low than 0,05 according to this result It is assumed that there are significant differences in the comparative self concept of Romania Algeria.

**Conclusion**

In this last part of the research, and according to the result of the study based on statistical data obtained and according to the aim of the study The study was based on a group of hypotheses the researchers reached the following conclusions:
- the level of self concept at university students is low.
- the level of self-esteem at university student is medium.
- the level of trend toward others at university student is medium.
- the self concept don’t play moderator role between self-esteem and trend toward others.
- It is assumed that there are significant differences in terms of self-esteem compared to Romania Algeria.
- It is assumed that there are significant differences in the comparative self concept of Romania Algeria.

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