



A COMPARATIVE STUDY OF AGGRESSION AMONG TEENAGERS IN URBAN AND RURAL AREAS

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Abstract : The research study was done on the topic “Aggression in Teenagers among Urban and Rural areas” to study the level and impact of aggression among teenagers. For the present study, Aggression Questionnaire (AGQ) was used. A sample of 60 students – 30 from Urban background (Kurnool city) and 30 from Rural background (Stantonpuram) were selected as participants for this study. The data collected from the participants was analyzed by using Mean, Standard Deviation and t test. The mean for teenagers from Urban areas is found to be 106.13 and the mean for teenagers from Rural areas is found to be 72. Likewise, the SD for Urban and Rural areas is found to be 20.08 and 23.74 respectively. The t-test value for Aggression in teenagers is found to be 3.690 with df 58 and t value = 2.000 at 0.05, which was found to be less than the t test value. Therefore there is significant difference of aggression between teenagers of urban and rural backgrounds.

Index Terms – aggression, teenagers, urban, rural, adolescent behavior, comparative study.

1. Introduction

Aggression during adolescence is a significant behavioral concern and is influenced by various environmental and social factors. Previous studies have shown that both urban and rural settings present unique challenges and exposures that can shape aggressive tendencies in youth. However, comparative data exploring these differences remain limited.

The current study aims to fill this gap by investigating how geographic location—urban versus rural—impacts the expression and types of aggression among teenagers. Understanding these patterns is crucial for developing targeted intervention strategies and informing public policy and mental health support frameworks.

2. METHODOLOGY

2.1 AIM : To study the Aggression between teenagers of Urban areas and Rural Areas.

2.2 OBJECTIVE : The objective of the study is as follows :

To determine the level of aggression in teenagers of urban area.

To determine the level of aggression in teenagers of rural area.

To determine the demographic difference in aggression in teenagers among urban and rural areas.

2.3 HYPOTHESIS :

H1 : There will be significant difference in aggression between the teenagers from urban area and rural area.

H2 : Teenagers from Urban area will show more aggression.

H3 : Teenagers from Rural area will show less aggression.

2.4 OPERATIONAL DEFINITIONS :

Aggression : any behaviour in which an individual attempts to cause physical or psychological harm to another individual or group. This includes, but is not limited to, kicking, biting, or hitting

Teenager : a teenager is any person between ages 12 and 17.

Urban : An urban area is the region surrounding a city. Most inhabitants of urban areas have non-agricultural jobs. Urban areas are very developed, meaning there is a density of human structures, such as houses, commercial buildings, roads, bridges, and railways. "Urban area" can refer to towns, cities, and suburbs.

Rural : A rural area consists of open countryside with population densities less than 500 people per square mile and places with fewer than 2,500 people.

2.5 TOOLS USED :

Aggression Questionnaire (AGQ)

2.6 DESCRIPTION OF THE TOOL :

The Aggression Questionnaire (AGQ) is a self-report scale that is designed to measure four major components of aggression (physical aggression, verbal aggression, anger and hostility). It consists of 30 questions. Each question has a set of atleast 6 possible answers ranging in intensity like

0. Not at all

1. Very less

2. Less

3. Ordinary

4. Much

5. Very much

2.7 SAMPLE :

For the following study, the sample consisted of 30 teenagers of age 12-14years from urban area (Kurnool) and 30 students from rural area (Stantonpuram).

The sample was collected personally by visiting the schools in particular areas.

(Edify World School, Kurnool and ZPHS, Stantonpuram)

2.8 PROCEDURE :

For the following study, consent was taken from two sets of 30 teenagers(urban and rural) and Aggression Questionnaire was given. All the participants were asked to sit comfortably and were given the following instructions :

Please read the following questions carefully and choose the relevant option and answer all questions.

Choose only one option as response to each statement.

There are no wrong or right answers here so be as honest as possible.

Incase you do not understand any questions, feel free to ask so that you can respond properly to the given statements.

There is no time limit but it takes approximately 15-20mins to complete the questionnaire.

After completion of the test it is taken for further scoring and statistical analysis and interpretation.

2.9 SCORING PROCEDURE :

Now that the questionnaire is completed, each response is added up respective to the question to the right. The highest possible score is 150 which would mean you selected option 5 for all the questions. Likewise, the least possible score is 0 which would mean you selected option 0 for all the questions. You can evaluate your aggression according to the table below:

Total score

0-30

30-60

60-90

90-120

120-150

Level of Aggression

No aggression

Below Average Aggression

Average Aggression

Above Average Aggression

High Aggression

2.10 STATISTICAL ANALYSIS :

The statistical analysis was made based on Mean, Standard Deviation and t test.

3.RESULTS AND DISCUSSION

table 1 shows the mean, standard deviation and t test value of aggression between urban area teenagers and rural area teenagers.

	Urban Teenagers	Rural Teenagers
Mean	106.13	72
Standard deviation	20.08	23.73
t test	3.690	

According to Aggression Scale score for levels of Aggression, the Mean of the Urban Teenagers is found to be 106.13 which is High and the Mean of the Rural Teenagers is found to be 72 which is Average.

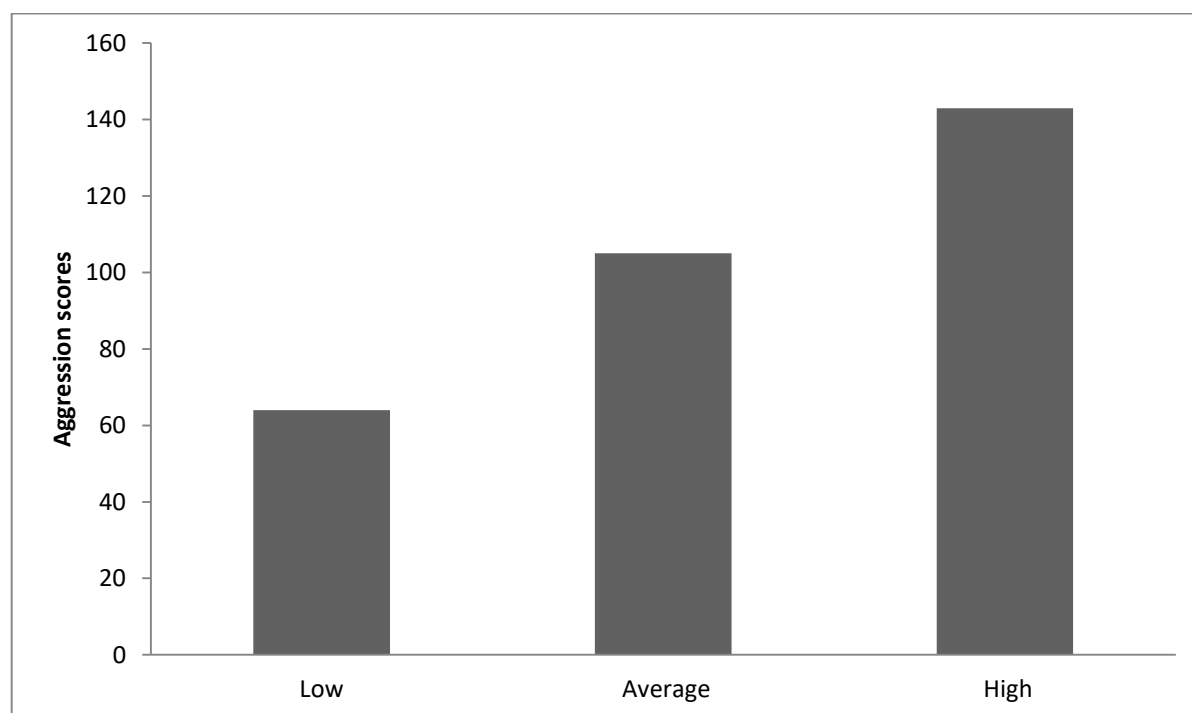


figure 1 bar diagram shows three levels of aggression – low, average and high among urban teens

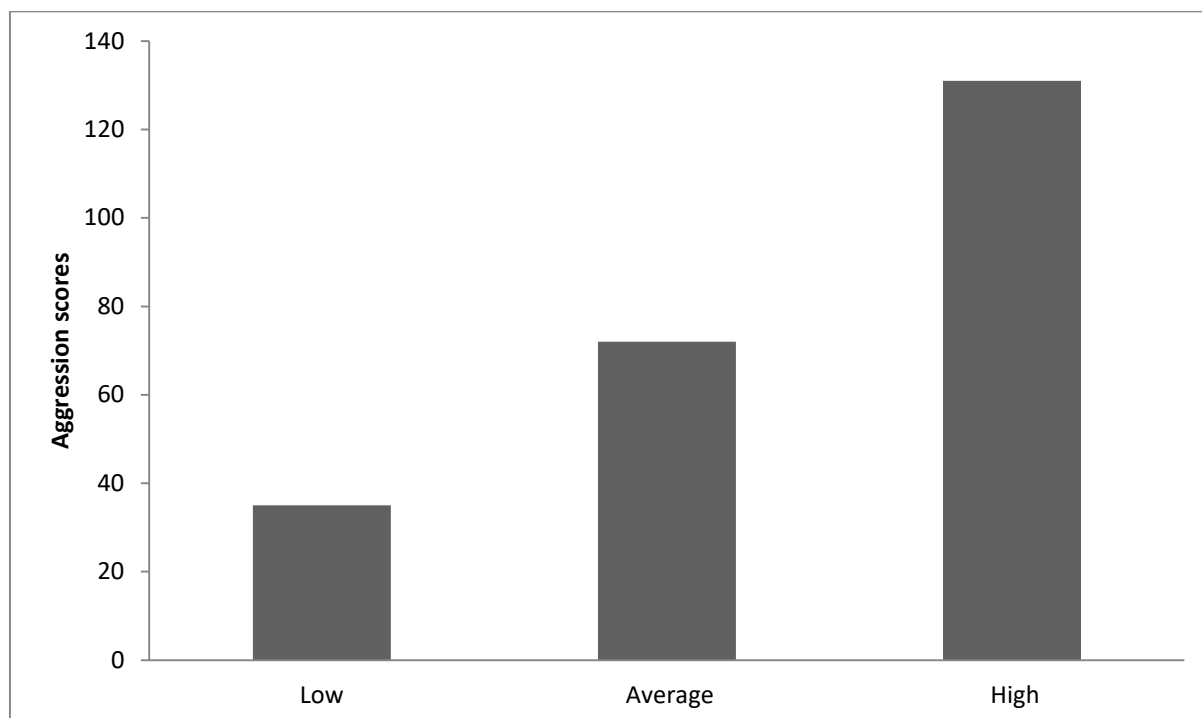


figure 2 bar diagram shows three levels of aggression – low, average and high among rural teens

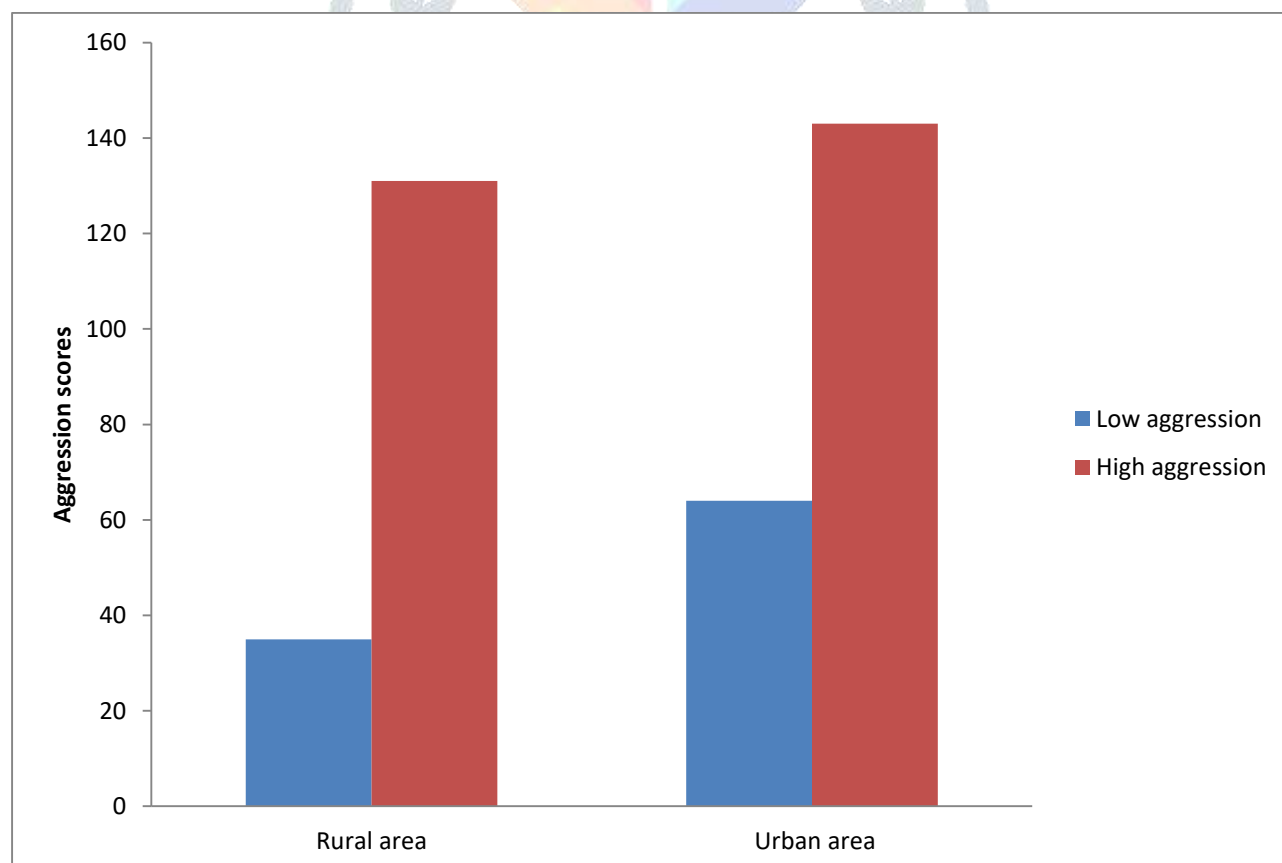


figure 3 bar diagram shows the comparison of low and high aggression among urban and rural teenagers

From the above table 1, it can be seen that the Mean for Urban Teenagers is found to be $M = 106.13$ and mean for Rural teenagers is found to be $M = 72$. The standard deviation for urban teenagers is found to be $SD = 20.08$ and the standard deviation for rural teenagers is found to be $SD = 23.73$. The t test value is found to be t test score = 3.690 with $df = 58$ and t value = 2.000 at 0.05 which is found to be less than the t test value, which interprets that there is significant difference between urban and rural teenagers.

The H1 of the study stated that there will be significant difference between the teenagers from Urban area and Rural area. The t test value is found to be 3.690 with $df = 58$ and t value = 2.000 at 0.05 which is less than the t test value, which implies that there is significant difference. Hence the hypothesis is accepted.

H2 stated that teenagers from Urban area will show more aggression and the Mean of Urban teenagers aggression is found to be 106.13 which is high. Hence the hypothesis is accepted.

H3 stated that teenagers from Rural area will show less aggression and the Mean of Rural teenagers aggression is found to be 72 which interprets as Average. Hence the hypothesis is not accepted.

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