



ISSN: 2456-0057
IJPNPE 2018; 3(2): 258-260
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www.journalofsports.com
Received: 12-09-2018
Accepted: 15-10-2018

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Investigation on sub parameter of social intelligence among physical and non-physical education students: A comparative study

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Abstract

The study was done to assess the difference of sub-parameter of social intelligence among the students of physical education and non-physical education. For the study, the investigator selected 200 samples (N-100) from physical education and (N-100) from non-physical education students from Lovely Professional University Jalandhar, Punjab. The age level of the subjects ranged from 18 to 25 years. To collect the data, sub-parameters of the social intelligence scale were used, developed by Dr. N.K. Chadha and Usha Ganesan (1986) [5]. The results of the investigation revealed the insignificant difference was found in Patience, Cooperativeness, Confidence, Sensitivity, Recognition of social environment, Tactfulness, Sense of humor, and Memory level among the students of physical education and non-physical education. The p-value was found greater than 0.05 level of significant.

Keywords: social intelligence, sub-parameters, physical education, non-physical education

Introduction

Humans are bond to live with each other. It is difficult for them to survive alone/ individually. As they always try to express their feeling their learning and findings as well self before other weather verbally or nonverbally. Socialization and social intelligence are directly concerned with their mental health. It is ability of an individual to cooperate or handle any social critical situation and adjust himself/herself asper the requirement of the society. As there are different kinds tradition and customes throughout the world. One became socially intelligent when he/she able to adjust as per the need of the society. While leaving into the society one has to accept all customs and traditions that followed by the society, one has to live with love, kind, respect, and cooperation into the society. Because this all helps one to reside well into the society.

Physical education plays a vital role to enhance students' knowledge and skills through participation in physical activities and sports. It improves physical as well as mental health are well documented. Participation in physical education sometimes improve social intelligence also. As the physical educationist participate in many different kinds of physical activities weather it is of indoor or outdoor. All the activities contains different norms, practices and skills as well. In which an individual require adjust as per the situation and cooperate for successful results. Charles Spearman (1904) "recognized that there are distinctive sorts of insight however guaranteed that they are altogether connected" if individuals tend to do well on a few areas of an IQ test then they tend to do well on every one of them and the other way around. "Social intelligence is the ability to understand and manage men and women, boys and girls, to act wisely in human relations" (Thorandike 1920). Social Intelligence is the worldwide limit of a person to think rationally, to act deliberately, and manage the climate. Hence, mass and hunt (1987) have named this component of knowledge as social intelligence. Social intelligence is ability to read others mind and response as per the requirement in an ethical way to adjust respectfully into the society. By using this skill one becomes master in convocation. The focus of the investigation was to assess the different dimensions of social intelligence among the students of physical education and non-physical education.

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Objectives of the study

1. To compare the mean scores of patience among physical education and non-physical education students of the lovely professional university.
2. To compare the mean scores of cooperativeness among physical education and non-physical education students of the lovely professional university.
3. To compare the mean scores of confidence among physical education and non-physical education students of the lovely professional university.
4. To compare the mean scores of sensitivity among physical education and non-physical education students of the lovely professional university.
5. To compare the mean scores of recognition of social environment among physical education and non-physical education students of the lovely professional university.
6. To compare the mean scores of tactfulness among physical education and non-physical education students of the lovely professional university.
7. To compare the mean scores of sense of humour among physical education and non-physical education students of the lovely professional university.
8. To compare the mean scores of memory level among physical education and non-physical education students of the lovely professional university.

4. Sensitivity between physical education students and non-physical education students.
5. Recognition of Social Environment between physical education students and non-physical education students.
6. Tactfulness between physical education students and non-physical education students.
7. Sense of humor between physical education students and non-physical educations.
8. Memory level of both physical education and non-physical education students.

Analyses of data and Discussion on Findings

The sub-parameters of social intelligence were calculated on the bases of social intelligence scale. The comparative analysis of data has been shown in the tables below. Therefore, the collected data was put for statistical computation to analyze. The descriptive statistics, mean, SD and t-test was used to summarize the data for easily understanding.

Table 1: Comparison of mean scores of Physical Education and Non-Physical Education students

Sub-Variables of Social Intelligence	Physical Education (N=100)		Non Physical Education (N=100)		t – value
	Mean	SD	Mean	SD	
Patience	18.97	2.92	19.29	2.72	0.06
Cooperativeness	22.71	3.217	22.9	4.868	0.023
Confidence	18.63	2.928	18.04	2.824	0.102
Sensitivity	18.85	2.591	19.202	3.472	0.06
Recognition of social environment	1.32	0.827	0.9	0.771	0.262
Tactfulness	3.75	1.242	3.71	1.372	0.015
Sense of humor	3.62	1.285	3.33	1.428	0.106
Memory	7.575	1.170	7.52	1.592	0.018

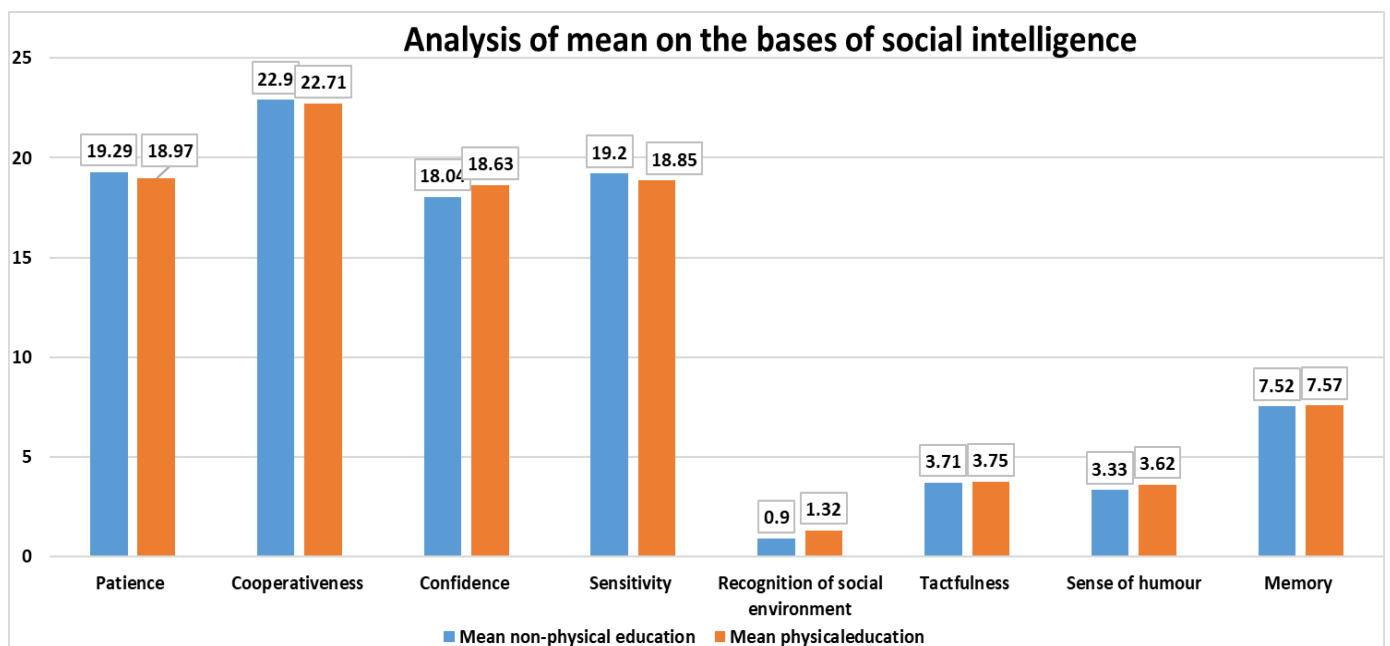
Materials and Methods

The study contains 200 samples (N-100) from physical education students and (N-100) from non-physical education students of lovely professional university. The purposive random sampling was used in study. In order to measure the different sub-parameters of social intelligence of subjects, a parameter social intelligence was used, prepared by Dr. N. K. Chadha and Usha Ganesan in (1986)^[5].

Sub parameters of Social Intelligence Scale are

1. Patience level of physical education students and non-physical education students.
2. Cooperativeness between physical education students and non-physical education students.
3. Confidence level of physical education students and non-physical education students.

The results of the table-1 revealed that, insignificant difference were found between the students of physical education and non-physical education, on the sub-variables of social intelligence. The t-tabulated value is 1.97 at 0.05 level and t-calculated values were found 0.06, 0.023, 0.102, 0.06, 0.262, 0.015, 0.106 and 0.018 respectively.



Graph 1: Analysis of mean on different parameters of social intelligence.

Conclusions

The research scholar investigated to understand different aspects, (patient, cooperativeness, confidence, sensitivity, recognition of social environment, tactfulness, sense of humour and memory level) of social intelligence (Dr. N. K. Chadha and Usha Ganesan in 1986) [5] between physical education and non-physical education students of lovely professional university. It was a descriptive and comparative study. The study consists of 200 samples (N-100) physical education and (N-100) non-physical education students. The statistical t-test was used to calculate the data. As the P-value of patient, cooperativeness, confidence, sensitivity, recognition of social environment, tactfulness, sense of humour and memory level was >0.05 level of significant and thus the data revealed that there is insignificant difference of sub parameters of social intelligence between all of the groups.

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