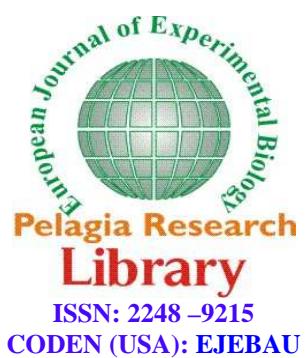




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The comparison of spiritual intelligence between three groups of sightless with little eyesight and normal people

Somayeh Alirezaei Moghaddam Bajestani¹, Ali Asghar Asghar Nejad Farid², Nikta Nazemi Zand¹ and Fariborz Bagheri³

¹Department of General Psychology, Science and Research Branch, Islamic Azad University, Tehran, Iran

²Psychiatric Institute, Medical University of Tehran, Tehran, Iran

³Department of Clinical Psychology, Science and Research Branch, Islamic Azad University, Tehran, Iran

ABSTRACT

This research was aimed to compare the spiritual intelligence between the three groups of sightless, with little eyesight and normal people. Since this research compares the spiritual intelligence between the three groups of sightless, with little eyesight and normal people, its method of data collection is descriptive, and a comparative – causal method was used. Research population was all the sightless, with little eyesight and normal university students in Tehran. Among these, 63 students were selected separately, and from each group 21 students were chosen out using convenient sampling method. The tool used in this research for data collection was Naseri spiritual intelligence questionnaire. ANOVA Variance analysis was used to test the research hypothesis and data analysis. The results of data analysis showed that there is not significant difference between the spiritual intelligence index and all its sub-scales e.g. transcendental self-awareness, spiritual experiences, patience and forgiveness with the three groups of sightless, with little eyesight and normal university students. It seems the long time people lived with disability to reinforce Spirituality, being in the youth and adult ages and being highly educated it can be affective as the factor of Spiritual Intelligence education, It can be concluded that the spiritual intelligence capability has been responsible for their success and has built great capabilities to fight against the problems.

Keywords: Spiritual Intelligence, Sightless, with Little Eyesight

INTRODUCTION

The intelligence is a word that not only has cognitive meaning also it entered into common social words. In spite of half century observation, any description and theory in relation to intelligence has various deeply differences in this regard. The related problem is that there is no physical definition subjected to the intelligence [4]. When psychologists made tools for measuring the intelligence and defined intelligence quotient or IQ, many researches completed in relation to other factors of intelligence to represent the degree of human success than others but this intelligence is not become so successful against any prediction of these factors specifying the fact that people spend complex process for approaching to these successes. According to the determination of these effects on probable aspects in personal success in various fields of the life, other different types of intelligence were appeared which basically were different than psychologists comments. These can be pointed to the following choices such as emotional intelligence, Spiritual intelligence and so on [14]. In recent years and along with appearing the new paradigm in job setting, the concept of spiritual intelligence was paid attention after 2000. This terminology has been made by Zohar & Marshals as a psychological combination, physics, philosophy and religion which is called in a book by the title of Spiritual intelligence: The ultimate intelligence (2000). The scientists of fundamental issues

believe that the spiritual intelligence (SQ) is only possessed to the man [14]. Generally, there are two categories in this field: some considered the spiritual intelligence as a collection of abilities defined as connective spiritual intelligence and others considered it as a new structure of intelligence and spirituality combination covering the psychological, biological, spirituality and religion together [11]. The spiritual intelligence means a collection of mental adaptive capacities which are stable on the material and superior facts aspects [8]. In another definition, the spiritual intelligence is subjected to a collection of abilities to achieve the values and spiritual features as well [1]. Using the spiritual intelligence can lead to the growth of someone to reach to valuable abilities. It lets people face different challenges to change him or herself as well; a kind of capacity of confronting to difficulties, observation, attitudes towards the universe seeking to reply various questions of the life [14]. The spiritual intelligence is appeared differently among the man [16]. It can be pretended that the spiritual intelligence is being affected by various personal differences; in other words, it differs person to person; the reasons are that the spiritual intelligence combines itself to cognitive and emotional intelligences as well and it has the same potentially aptitude to influence on each other leading to the growth and person's changing issues [9]. Therefore, if the spiritual intelligence is combined to other form of the related intelligence, it can be concluded that the personal changes can be affected in IQ and EQ levels [17]. So, spiritual intelligence is affected by individual differences [12]. According to the mentioned definitions, in applied theory the intelligence is a phenomenon being measured by intelligent tests and sophisticated behavior studies and it may be an applied common definition for the whole intelligences definitions. Since the blind people pass various growth steps than usual ones, their experimental intelligence will have actually some problematic issues. Eyesight is one of the man's essential sensations transferring important environmental information to the person. In other words, it makes about 90-95% of someone's eyesight perception. Basically, the lack of this kind of sensory part can make some essential changes in someone's life time discriminating his or her growth issues [2]. Legally, a person is blind whose eyesight range is lower than 20.200 with 20 degree range; and semi-blind person is subjected to the one whose eyesight is 20.200 higher but the range is 20.70 lower [10]. Complete blind children have to learn their experiences with their blindness; in the other hand, results of various studies have shown that those parents whose patterns are being in a wrong function, they would take their children's opportunities out and try to punish their children against any failures and never try to show the correct way of learning at all; in addition, verbal and non-verbal debates of parents make their children to accept unexpected topics at their life which these never train them to apply sufficient emotional and excitement ability at the life. These kinds of treatments make a blind child to be aggressive against everything and hopeless in treating their challenges. If these kinds of patterns left at the childhood times, it can make destructive damages to their mental and physical health [5]. Generally, according to the importance of family and social role in the growth of the spiritual intelligence as well as the understanding of social problems at handicapped people can influence on the intelligence; hence, the researcher is seeking to find the fact that whether this process can effect on the spiritual intelligence or no?. In other words, whether any differences exist between blind people and normal ones?

MATERIALS AND METHODS

Since the present study has been carried out in relation to compare the spiritual intelligence of three normal, blind and low-sight people, it is a descriptive method for data collection and an applied research in terms of comparative-analysis method. In the present study, the statistical community is including the whole students of Tehran Megacity who were established at blind, low-sight and normal groups. It is carried out based on a random sampling method due to their age, sex and education level; the number of the subjects would be 21 people.

Data collection tool:

The spiritual intelligence questionnaire:

The questionnaire led by Naseri (2008) and distributed among 557 students of different colleges at Allame Tabatabaiee University. He considered the fact that the most attitudes and religion based comment of these people are subjected to the religion of Islam, which then he carried out the same questionnaire; the questionnaire based on many country's cultural issues has been prepared in a correlation-descriptive framework. In the definition of the questionnaire's elements two references of Islam religion and Holy Quran were applied along with other professor's spiritual intelligence resources efficiently. The questionnaire is including 97 questions composed of 4 following elements:

Transcendental self awareness, spiritual experiences, patience and forgiveness:

The validity and reliability of the questionnaire has been measured by alpha Cronbach coefficient 0.98. The scale of responding has also been carried out by Likert method with 4 options as following: from always, often, rarely and never [9].

Data analysis method:

In this section, the inferential and descriptive findings as well as analyses were passed out efficiently. In the descriptive analysis, the central tendency indices and distribution such as the mean, deviation were measured. In inferential methods, the obtained results were applied to evaluate the research hypotheses and recovery of the same results. In addition, the single multi-variance test was used in this regard.

Table 1. Features of sample description at the study of spiritual intelligence and the whole sub-scales of three groups

Sub-scale	Groups	N	M	St Dev
transcendental self-awareness	Normal	21	180.71	22.116
	Low sight	21	172.19	22.487
	Blind	21	166.71	28.471
	Total	63	173.21	24.821
Spiritual experiences	Normal	21	51.81	11.604
	Low sight	21	49.90	11.375
	Blind	21	50.24	9.311
	Total	63	50.65	10.670
Patience	Normal	21	51.38	8.692
	Low sight	21	48.00	11.371
	Blind	21	51.19	8.710
	Total	63	50.19	9.643
Forgiveness	Normal	21	18.38	4.455
	Low sight	21	19.38	4.307
	Blind	21	18.81	4.423
	Total	63	18.86	4.344
Spiritual experiences	Normal	21	302.29	38.968
	Low sight	21	288.90	43.086
	Blind	21	286.95	46.683
	Total	63	292.71	42.882

According the above-mentioned table, we have:

Self-awareness at three groups is as following: 180.71, 172.19 and 166.71, respectively. The spiritual intelligence experiments are 51.81, 49.90 and 50.24 respectively at three blind, low-sight and normal people. The patience of spiritual intelligence at the same three groups is 51.38, 48.00 and 51.19, respectively. The forgiveness of spiritual intelligence is also 18.38, 19.38 and 18.81, respectively. Finally, the spiritual intelligence of three groups is 302.29, 288.90 and 286.95, respectively.

Table 2. The test of single variance analysis to study the degree of spiritual intelligence scale and the whole its scales at three groups

Sub-scale		Square Sum	DF	Square Mean	F	Sig
transcendental self-awareness	Within-Group	2090.508	2	1045.254	1.737	.185
	Inner-Group	36107.810	60	601.797		
	Total	38198.317	62			
Spiritual experiences	Within-Group	43.460	2	21.730	.186	.831
	Inner-Group	7014.857	60	116.914		
	Total	7058.317	62			
Patience	Within-Group	151.524	2	75.762	.810	.450
	Inner-Group	5614.190	60	93.570		
	Total	5765.714	62			
Forgiveness	Within-Group	10.571	2	5.286	.274	.762
	Inner-Group p	1159.143	60	19.319		
	Total	1169.714	62			
Spiritual experiences	Within-Group	2925.810	2	1462.905	.790	.458
	Inner-Group	111085.048	60	1851.417		
	Total	114010.857	62			

According the measured F in the table, to study the difference of the element:

The self-awareness of spiritual intelligence at three groups in 0.05 levels is not significant. ($p=0.185$, $t (2 \& 60) = 1.737$). The experiences of spiritual intelligence at three groups in 0.05 levels are not significant. ($p=0.831$, $t (2 \& 60) = 0.186$). The patience of spiritual at three groups in 0.05 levels is not significant. ($p=0.450$, $t (2 \& 60) = 0.810$). The forgiveness of spiritual intelligence at three groups in 0.05 levels is not significant. ($p=0.762$, $t (2 \& 60) = 0.274$). The spiritual intelligence at three related groups in 0.05 levels is not significant. ($p=0.458$, $t (2 \& 60) = 0.790$).

DISCUSSION AND CONCLUSION

In the study and comparison between the elements of spiritual intelligence and the whole sub-scales at three blind, low-sight and normal people, it is specified that there are no any significant differences between the elements of the groups. These results are coincident with the result of Sharifi (2000), but different with the results of Biabangard (2005), Kef (2002), Lowenfeld (1978), Kar (1992), and Swallow (1976). The results of Sharifi (2000) reported the fact that the lack of eyesight cannot influence on the intelligence of normal people. Biabangard (2005) shows that the social skills of students are significantly better than blind students. Kef (2002) in a study of social-mental adaptation reported that the behavior problems particularly at blind adolescents is related to their low self esteem and negative concept of the self as well as their weak social abilities. In addition, the social skills lead to increase the mental health. Lowenfeld (1978) believes that the lack of vision makes a blind person in a tensile pressure; of course, there are other factors influencing on the person's character making the one susceptible to many disasters [13]. Ker (1992) carried out the ability of blind people's mentality and concluded that these people are disabling than their normal ones in terms of mentality ability issues. Swallow (1976) using Piaget tests found that children with visionary problems have little growth of picture making and figuration aspects than their normal people. In his view, these children require their direct physical and verbal interaction with adults to be able to recognize their setting. In representation of this section, the related hypotheses should be noted that people with their handicapped living time can nurture their spiritual functions as well. In other words, when a blind or low sight person confronts an event, he or she naturally has capacity to face and challenge these events as well; in addition, the general capacities are getting potential at adulthoods in the field of spiritual intelligence; the findings of the present study can be represented the fact that the higher ages made the exploitation of abstractive capacities in the life. Moreover, according to the difficulties of blind people having in the continue of their life, it seems that disabled people have lower spiritual intelligence capacity and could not reach to high levels; as a consequence, the subjects of the study should be considered high potential disabled people and for the reason it is expected that they can have higher spiritual intelligence capacities; in addition, according to the age conditions of these people, they usually pass identity crisis at their life time so that these can be discussable in compare to the problems of blind and low sight people. The training courses that blind and low sight people percept during their education course can make a great challenging capacity and independent life for them as well. As a result, it seems that these training courses can be effective in optimizing their spiritual intelligence abilities; in fact, the educations putting on these people in the recent years formally and informally have make a great background of spiritual capacities at these people. Also, according to their educational situation and social success, it can be concluded that the spiritual intelligence capacities are evolved at these people becoming high potential to confront their problem.

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