

Investigating the Relationship between Spiritual Intelligence and Social Adaptation among Girl High School Students in Shahreza City

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ABSTRACT

The present study aimed to explore the relationship between social adjustment and spiritual intelligence between male and female high school students in the Shahreza City done. The study sample consisted of 150 high school students studying in the Shahreza City in the 2013-2014 school years. In this research the scale measuring students' socially compatible and Spiritual Intelligence Scale was used to collect data. To analyze research data in both descriptive and inferential statistical indicators used. Descriptive findings as mean, standard deviation, tables and graphs provided and the statistical T-test and Pearson's correlation coefficient was used. The analysis results showed that there is a relationship between the spiritual intelligence and social adjustment. There is a significant relationship between general and critical thinking and social adjustment. There is a significant relationship between the ability to deal with problems of social adjustment and there is a significant relationship between moral and social compatibility between individualities. There is a significant relationship between consciousness and social adjustment.

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1. Introduction

One of the challenging issues in the psychology of the past history of intelligence. Some theorists believe lacks a true essence of intelligence is only a label for what IQ tests measure (Smith et al. 2003, quoting the Bobolhavaeji et al. 2011) Including intelligence, spiritual intelligence represents a different set of skills and abilities each of the different forms of social and historical context appear. (Emmons, 2000, quoting the Bobolhavaeji et al. 2011) Spiritual Intelligence as a psycho-behavioral constructs helps individuals to assess their position and have sympathy towards her. This is because it is important that people have a sense of self-pity, can show compassion toward others. (McMullen, 2003, as quoted by Bobolhavaeji et al)

Statement of problem

In recent decades, psychology, religious and spiritual subjects were increasingly of interest to psychologists. Most studies in the literature on the psychology of religion and spirituality religion and mental health, and most of these studies, a positive relationship between religion and spirituality in mental health has been found (Rajai, Bayaz and Habibi 2008; Pargamnt and Sanders 2007; Koenigs and Perez 2000) In recent years a new concept. The concept of religion is spiritual intelligence SI (Rajai 89). Or whether I am to share the happiness and mental peace? "In the mind

creates (Wigglesworth, 2004. Quoted from: Abyaneh and Asgarian 2012) as a student in the class, as in other segments of life issues, there are different levels of compatibility this study sought to examine the relationship between spiritual intelligence and adaptability. Whether through spiritual intelligence can be traced in the adaptation? Is there a positive relationship between spiritual intelligence and adaptability or negative?

The importance and necessity of research

According to the concept of spirituality is defined and determined the structure of spiritual intelligence plays a key role and taking into account the fact that different definitions of the concept of spirituality and experts in the field disagree on the definition of its constituent can be expected to the influence of spiritual intelligence structures of cultural differences when compared with other well-known intelligence takes place (Sohrabi and Naseri, 2010). World reveals seen potentially in all religious groups appears this is likely to mean, and how to express it in between groups of religious and spiritual vary (Emmons 1999, Mac Hawk, 2002, as quoted by Sohrabi and Naseri 2010). Therefore, this study was able to predict the effects of a spiritual intelligence on compatibility and evaluate the social and psychological damage because of their incompatibility is today undergoing numerous changes the result then shows their social damage. Considering the

above and the importance of spiritual intelligence in personal and social adjustment in this research effort is by creating an understanding of the relationship between individual and social, spiritual intelligence and adaptability of high school students, to help students become better compatibility.

Spiritual Intelligence

In the last twenty years of the century, evidence of nerve psychology, anthropology and cognitive science has shown that there is a third intelligence which is known by the name of spiritual intelligence (Ahmadi 2006). In recent decades the concept of spirituality and its applications in the world and especially in the West is very important, so that concepts such as God, religion, spirituality, etc. that were considered private matters into scientific research and academic debates in the humanities (Farhangi and Fattahi 2009). Edwards believes a high spiritual intelligence with information about different spiritual intelligence. The distinction between practical and theoretical knowledge suggests. It should have extensive knowledge of spiritual matters and practice them in a row to achieve spiritual intelligence through prayer and meditation to resolve ethical issues considered; although it can be said for the benefit of the spirituality of both theoretical and practical knowledge is required. Although much research has been done in the area of development of spiritual intelligence and requires empirical research - qualitative, but we can say that the intelligence of talented individuals, vary due to rich environments that raise moral questions, gradually evolved and formed. Comes to understanding gender and age also affect the dose of spiritual intelligence. Jung believes after 35 years in many major changes taking place in the unconscious that may influence Rooney spirituality and spiritual intelligence. Some researchers, such as Jung believed that this change in women than men. According to the intelligence, spirituality may be a cognitive task - the incentive is consistent set of skills and resources that facilitate problem solving and achieving aims (Ceske, 2000; Wellman, 2001) and applied consistently perform above spiritual in everyday life (Nozzle, 2004). It seems that spiritual intelligence relationship with his environment beyond the physical and cognitive and enters the realm of intuitive and transcendent vision of the person in your life. This view includes all the events and experiences that have influenced the overall look. One can use this intelligence to reinterpret their experiences and take advantage of the framework. This process is capable of phenomenological events and experiences to give a more personal meaning and value (Nozzle, 2004). Spiritual intelligence with the inner life of the mind and the soul and its relationship to the relationship and capa City-depth understanding and insight into the question of multiple levels of consciousness are included. Awareness of self is as context or life force involved in creative development. Spiritual intelligence appears to consciousness and the ever growing awareness of life, body, mind, soul and spirit comes. Spiritual intelligence is so much more than a person's mental abilities beyond the individual and the spirit of it. Moreover, spiritual intelligence is beyond conventional psychological development. Therefore, awareness of the relationship with

the transcendent self, other people is the earth and all the creatures (Vegan, 2003).

Compatibility

Adaptation refers to all the individual strategies to handle stressful situations in life uses (Sadok and Sadok, 2003) Based approach to learning, adaptation is a set of learned behaviors and incompatibility occurs when a person has the necessary skills to cope with everyday problems of life is not learned. In general, adaptive or maladaptive responses in the learning process is essential and social skills necessary for optimal adaptation to learn (Firros, translated Firozbakht, 1995) Every person has a different personality traits and behavior patterns, one of the features that are important for the survival of man and his mental health is "adaptation". This ability can help the man with the changing environment and its inner side, and the existence and maintain your mental health. Compatible with the character of the organism to survive and reproduce than others to make more powerful, this means that the features are better than the other environments are designed for a particular environment (Ashtrobeh and Houston, 2004) In order to cope with change and continuous adaptation linking individual and the environment in a way that maximizes the social welfare while observing himself with the external facts possible. Thus, the adjustment means is the color of the congregation, compatibility means the recognition of the fact that each person should have their own goals according to pursue social and cultural context. It is relative consistency and people with varying degrees to achieve compatibility (Rogers quotes Vali Poor, 2006). Compatibility and agree to accept and carry out appropriate behavior and environmental change refers environment it is inconsistent and contradictory concept. The show poor response to environmental stimuli and situations, so as to self or others or is detrimental to both the individual fails to meet the expectations of self and others. Inconsistency may occur in different contexts and situations and turning inside or outside the individual. For this reason, it is usually consistent with his character to be used and in written and spoken language adaptation of the concepts of employment, academic, personal, social, and emotional than it used. (Navidi, 2006)

Research Methodology

Research method depends primarily on the nature and objectives of the research topic. The present study is a descriptive cross - correlation. Descriptive study was to describe the systematic, objective and accurate Events and the desired characteristics or interests and since the implementation of the relationship between the variables studied in the realm of cross - correlation is placed.

The population

The population of this study consisted of high school students in the academic year 92-93 is Shahreza City.

Estimate sample size and sampling

The method for determining the sample size, sampling table lookup krejcie Morgan considering the estimated population size of 150 by referring to the City's high schools was selected by convenience sampling method Shahreza and they were given a questionnaire and asked to respond accurately to the questionnaire.

Hypothesis

There is a significant relationship between social harmony and spiritual intelligence of female high school students in Shahreza City.

Measuring Tools

Choosing the right tools is one of the most important activities in scientific research, which depends on the nature of the subject, objectives and subjects chosen instrument. In this research, two questionnaires were used in the following way:

Spiritual Intelligence Scale

The theoretical basis of the questionnaire based on the definition of Amraam (2007) spiritual intelligence and spiritual Intelligence Scale was created in 2007 by the Amraam is a Likert scale questionnaire. Content validity was evaluated by testing the validity and reliability of the test internal consistency, Cranach's alpha coefficient was studied. In order to answer the questionnaire, 180 high school students were Shahreza City and they were asked to respond to questions. The data collected finally, Cronbach's

alpha was calculated by Cronbach's alpha coefficient was equal to $0.81 = r$.

Social Adjustment Scale

Methods of data collection

Data for this study, in addition to the library of Internet sites and use reputable and professional journals that research was done in order to record, collected through a questionnaire. To run the 150 questionnaires distributed questionnaires and data were collected.

Methods of Statistical Analysis

Analyze data both descriptive (frequency, percentage, mean) and inferential statistics (Pearson correlation coefficient and t-test for two groups) were performed using spss statistical software.

Inferential statistics

Test assumptions (correlation coefficient)

Hypothesis

Null hypothesis: There is no significant relationship between spiritual intelligence and social adjustment. Assume the contrary: There is the spiritual intelligence and social adjustment.

Table 1 Correlation coefficients between spiritual intelligence and social adjustment

spiritual intelligence		social adjustment
	Correlation coefficients	0.317
	Significant level	0.001
	Number	180

The results above show that the level of intelligence between the spiritual and social adjustment is equal to 0.01 and 0.05 (number of errors) is smaller, therefore, the null hypothesis is rejected and the contrast between the two variables will be confirmed there is a significant relationship spiritual intelligence and social adjustment. The correlation coefficient between spiritual intelligence and social

adjustment is equal to 0.317 which shows a positive correlation with the higher spiritual intelligence is social adjustment.

The fit of the regression model

To review and provide a model of spiritual intelligence (x) and social adjustment (y) after reviewing the adequacy of the model is presented in the table below show the fitted model.

Table 2: Indicators of self-sufficiency and behavioral problems and normative model of healthy children

SD error	Adjusted coefficient of determination	Coefficient of determination	Correlation coefficients
4.74	0.095	0.101	0.317

The correlation between the dependent and independent variables is equal to 0.317. The coefficient of determination obtained 0.101 and this value indicates that 10.1% of

spiritual intelligence is related to changes in social adjustment. According to the index, which was a model of efficiency is required. The following table shows significant regression F test is calculated by:

Table 3: Table F-test of significance between the spiritual intelligence and social adjustment

Source of changes		sum of squares	Degree of freedom	Mean square	F	Significance level
Spiritual Intelligence	Regression	448.379	1	448.379	19.895	0.001
	Residues	4011.732	178	22.538		
	Total	4460.11	179			

The level of significance was calculated according to the table above for the test was equal to 0.001 and shows that the regression is significant at 0.99 per cent.

Table 4: Results of t-test table between spiritual intelligence and social adjustment

Model	Non-standardized coefficients		Standardized coefficients	t	Significance level
	B	Standard error	Beta		
Constant	82.119	2.403	-	34.783	0.001
Spiritual Intelligence	0.094	0.021	0.317	4.46	0.00

For the spiritual intelligence unit, 0.317 is a unit change in social adjustment ($R = 0.317$). This is assuming all other variables constant. T-test for independent variables for the regression coefficients are shown in Table and the value of

this variable is equal to $001/0$, and in consequence of spiritual intelligence on social adjustment is effective.

Results and Discussion:

Note that the variable has a normal distribution of the Pearson correlation coefficient was used. The results showed that the level of intelligence between the spiritual and social adjustment is equal to 0.001 and 0.05 (number of errors) is smaller, the hypothesis is supported between two variables there is spiritual intelligence and social adjustment. The correlation coefficient between spiritual intelligence and social adjustment is equal to 0.317, which shows a positive correlation with the higher spiritual intelligence is social adjustment. The coefficient of determination obtained 0.101 and this value indicates that 10.1% of spiritual intelligence is related to changes in social adjustment.

According to the index, which was a model of efficiency is required.

References:

- [1] Smith, Edward. (2003), psychology Halyard translation of M. tall and mighty, Tehran: the venerable.
- [2] Bob Bobolhavaeji . (2011). Academic Library and Information Science Research, Vol. 45, No. 58, pp. 101-121
- [3] Rajai. A.R. (2010). A Bojnoord Educational Research Branch No. 22.
- [4] Rajai, AR; Bayaz, MH; Habib Mohammad Hamid. (2008) .prsshnamh fundamental religious beliefs. Torbatejam: Publications Branch Torbatejam.
- [5] Sohrabi, F, N, A. (2007). Study concept and components of spiritual intelligence and making it an instrument to measure the Allameh Tabatabai University, Research on psychological health.
- [6] Sohrabi, N. (2010). examination of spiritual intelligence Haas and build an instrument to measure the Journal of Psychological Health Research in the third quarter of the winter 2009 issue.
- [7] Abdollahzade. Hassan, Bagherpour. M; Bvzhmhrany. S. & Lotfi. M., (2009), "Spiritual Intelligence", translator and author, publisher psychometric
- [8] Anasori, Mehryar. (2007), the relationship between mental health and happiness male and female students, Journal of Behavior, 2 (6): 75-84.
- [9] Ghobari Bonab, B., Salimi, M., Solomon, Layla, (2007). The optical front, Sana. Journal biker . spiritual, religious, 10147-125.
- [10] Ghobari Bonab, Ali Bagheri. & Lavassani. (2005). "Students build scale spiritual experience." Ninth year, the third number 261 to 278 pages.
- [11] Fattahi, M. & Farhangi, A., (2009), Spiritual Intelligence, unifying other types of intelligence", Journal of Management Development, Vol. I, No. 37, pp. 9-16
- [12] Joshaghani. F.R. (2010), Effectiveness of spirituality as a way of increasing hope, life satisfaction and happiness in women with breast cancer under Cancer Research Center, MS Thesis, University of Allameh Tabatabai.
- [13] Mehrabi Taleghani, N. (2008). Investigate the relationship between spiritual intelligence, religious orientation and hardiness in Islamic Azad University, Science and Research Branch of Tehran.
- [14] Naseri, Ismail. (2008), the development and standardization of spiritual intelligence questionnaires, MSc thesis, Department of Psychology, University of Allameh Tabatabai
- [15] Noorani, M. (2007). The relationship between spiritual experience and public health Tabatabai University. Master's thesis, University of Tehran Tabatabai Lam.
- [16] Naseri, H. (2003). Life skills. Student handbook. Tehran: Welfare Organization.
- [17] Najafi Abyaneh, Z; Asgarian, Mustafa 2012) spiritual intelligence and commitment of public school teachers in Tehran
- [18] Amram, Y. (2007, February). "The seven dimensions of spiritual intelligence": An ecumenical, grounded theory. Paper presented at the 115th Annual Conference of the American Psychological Association, San Francisco, CA. Available at:
- [19] http://www.yosiamram.net/docs/7_Dimensions_of_SI_APA_confr_paper_Yosi_Amram. JANUARY 2012
- [20] Badi ' , A., Jalali, M., & Oboudi, S., (2010), *Investigating the correlation between Spiritual Intelligence and Life Satisfaction among Administrations' Employees in Ahvaz Available : www.Psyche.Blogfa.com/post/ 29/2010.(Persian)*.
- [21] Emmons. R.A. (1999). The psychology of ultimate concern: motivation and
- [22] Spirituality in personality. New York: The Guilford Press, 200-
- [23] McMullen, B. (2003). "Spiritual intelligence"; www.Studentbmj.com.
- [24] MacHovec, F., (2002). Spiritual intelligence, the behavioral sciences and the humanities. Lewiston NY: The Edwin Mellen Press.
- [25] Nasel, D. D. (2004). Spiritual Orientation in Relation to Spiritual Intelligence, Thesis submitted for the degree of Doctor of Philosophy. University of South Australia.
- [26] Pargament, K. I., Koenig, H. G. , & Perez, L. M. (2000). *The many methods of religious coping: Development and initial validation of the RCOPE. Journal of Clinical Psychology, 56,*
- [27] (4), 519- 543.
- [28] Rajai, A. (2011). *Spiritual intelligence: Perspective and challenges. Journal of educational, vol (5), no (22): pp21-49*
- [29] Sisk, D. A., & Torrance, E. P. (2001). "Spiritual intelligence: Developing higher consciousness". Buffalo, New York: Creative Education Foundation Press.
- [30] Sadock B & Sadock. V. (2003). Synopsis of psychiatry: behavioral sciences. 3rd ed. New York: William & Wilkins, 2-3
- [31] Sandra, H.S. & Hughey, A.W. (2003). *African American Women at midlife: the Relationship between Spirituality and life Satisfaction. Journal of African American Women, vol (18), no (2): 133-147.*
- [32] Vaughan, F. (2003), what is spiritual intelligence? Journal of humanistic psychology. 32- 45.
- [33] Wigglesworth, C. 2004, "Spiritual intelligence and why it matters, Wwww.consciouspursuits.com.