

The Spiritual Intelligence Self Report Inventory (Sisri 24) Instrument Reliability Among Delinquent Teenagers

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Abstract: This article discusses the reliability of *The spiritual intelligence self-report inventory (Bisri 24)* instrument. This instrument was approved by supervisors and pilot studies to obtain the credibility of the instrument among the delinquents. Results showed that the overall reliability value of this instrument was .921. The value of each construct in the instrument was also high although the values obtained were different. Therefore, based on these results, the reliability of the instrument *The spiritual intelligence self-report inventory (Bisri 24)* is high.

Keywords: Reliability, Delinquent Teenagers & The spiritual intelligence and self-report inventory (SISRI 24)

I. INTRODUCTION

Spiritual intelligence (SQ) is the most important intelligence in a person. It is the basis of all forms of intelligence. Spiritual intelligence is very meaningful and valuable to one's self. This means that spiritual intelligence can help a person to think maturely and be able to adjust in various situations and circumstances. According to [1], spiritual intelligence is the ability of a person to hear the voice of the heart to be closer to God and to give the best and benefit to himself. Therefore, spiritual intelligence is very meaningful and it can help an individual to be self-sufficient. In the context of parents, their role in educating children is very important, with the spiritual intelligence that indirectly gives parents the awareness and sensitivity of their role in ensuring that children get the perpetually right guidance and education.

Challenges in educating children have little impact on the lives and behaviour of parents, they tend to feel overwhelmed and depressed with problems faced and despair especially when dealing with delinquency behaviour teenagers. Therefore, with spiritual intelligence, parents will be more matured and effective in taking action and looking at problems in a more rational context and better with the provisions of Allah SWT. In the context of teenagers, the need for spiritual intelligence is very important in a teenager. Teenage age is a phase full of conflict and mental stress. According to [2], in the teens there is a rapid development in terms of physical, spiritual, intellectual, ability, tendency and willingness to adapt to the environment. In this phase, teenagers are still in the process of identifying personalities that are appropriate to them, it indirectly affects the development of the youth itself, the failure to control the rapid development of the self will cause a tendency for them to experience conflicts and stress within themselves and it will showcase behaviours that are not accepted by the norms of society. This is due to their desire to try is very bulging and easy to get them stuck with negative things if they fail to control themselves. They are easy to rebel by doing delinquent behaviour as a way of showing their sense of protest to parents.

Spiritual intelligence is also an important element in helping especially parents in dealing with children's developmental processes to stay in the right momentum in educating and guiding children into effective individuals and able to be independent and adapt to the challenges of life. Through spiritual intelligence it can help one to be able to deal with current conflicts and pressures. According to [3], spiritual intelligence helps one translate the problem and strives to find the right way to deal with the problem. In the context of communication between parents and teenagers, through spiritual intelligence it helps parents and adolescents to adapt to the challenges of life and to work together and to work best for themselves and their families. As such, it indirectly helps a family to be harmonious, especially in helping parents with teenage children who face delinquency.

II. DEFINITION OF SPIRITUAL INTELLIGENCE

According to [4] spiritual intelligence is the intelligence to deal with and solve questions of meaning and value. Spiritual intelligence aims to tailor behaviour and life in the broader context of meaning, it aims to assess the actions or life paths of someone more meaningful than others. In addition, spiritual intelligence is also defined as an application of spiritual ability and resources to practical contexts. Meanwhile, according to [5], explaining spiritual references to spiritual spirits or is it related to religion. Someone uses spiritual intelligence when they utilise their spiritual ability and resources in making decisions and judgments on existing issues and in solving everyday problems [6]. According to [7], spirituality is a human resource, it is a basic value with another cluster base.

III. OBJECTIVES

The objective of the study is to determine the reliability and the instrument of spiritual intelligence. This study aimed to determine the suitability of an item through *Cronbach alpha* reliability coefficient *instruments*.

IV. CONSTRUCTION OF INSTRUMENTS

This study used questionnaires *The Spiritual Intelligence Self-Report Inventory* (SISRI 24) constructed by King David in 2008, designed to measure a person's level of spiritual intelligence. This questionnaire has 4 dimensions, namely the existence of critical thinking, the creation of personal meaning, the passing of awareness and the development of consciousness. Having 24 items using 4 likert scale which is not true at all with me, is not true with me, quite true to me, very true to me, is true to me. The level of spiritual intelligence is in value through the higher the scores obtained the higher the level of spiritual intelligence. This questionnaire was developed by David King based on the spiritual intelligence model (King, 2008; King & DeCicco, 2009). Validation and reliability were carried out by King (2008) from the original item of the 84 item questionnaire, which reduced to 24 items of study on 305 university students consisted of 231 female and 74 male and obtained alpha 0.92.

Table 1.1: Items by dimensions

The Spiritual Intelligence Self-Report (SISRI 24) Inventory (Bisri 24) King (2008) questionnaire item dimensions

Dimensions	Item Number
Existence of Critical Thinking	1,3,5,9,13,17, and 21
Discovery of Personal Meaning	7,11,15,19 and 23
Spiritual / spiritual awareness	2,6,10,14,18,20 and 22
The conscious development	4,8,12,16 and 24

Table 1.2: Composition and description subscale in *SISRI-24*

Subscale	Total Questions	Description
Critical Thinking	7	Consideration of the purpose or existence of a person and the relationship to the universe as well as topics such as life, death, reality, truth, or justice.
Discovery of Personal Meaning	5	The ability to create meaning and purpose in one's life and the purpose of distinguishing from both mental and physical experience even in failure.
Spiritual / spiritual awareness (Transcendental awareness)	7	The ability to see a larger picture that is more than physical and beyond the usual experience. Awareness of this spiritual existence can be seen in others and observed personally.
Development of Awareness Level	5	The power to control and move into a higher spiritual space through deep meditation, prayer, or reflection / consideration

Table 1.3: Score for items *The Spiritual Intelligence Self-Report Inventor (SISRI 24) King (2008)*

Scale	Positive Items	Reverse Item
Naturally true to me	4	0
Very true to me	3	1
Properly with me	2	2
Not true with me	1	3
Not true at all with me	0	4

Table 1.4: Breakdown of positive and negative items according to dimensions
Fragments of positive and negative items according to the dimensions of *the Spiritual Intelligence Self-Report Inventory (SISRI 24) King (2008)*.

Dimensions	Positive	Negative	Total
Existence of Critical Thinking	1,3,5,9,13,17, and 21	-	7
Discovery of Personal Meaning	7,11,15,19 and 23	-	5
Spiritual / spiritual awareness	2,10,14,18,20 and 22	6	7
The conscious development	4,8,12,16 and 24	-	5
Total			24

Table 1.5: The level of spiritual intelligence determination according to the score
Determining the level of spiritual intelligence in accordance with the score obtained from *The Spiritual Intelligence Self-Report Inventory (SISRI 24) King (2008)*.

Score	Spiritual Intelligence Level
65 to 96	High
40 to 64	Moderate
0 to 32	Low

V. PILOT STUDY

Implementation of pilot study was aimed to test the validity and reliability of the instrument used in the study, to test the respondents' understanding of the items in the questionnaire. Through the pilot study it was indirectly able to identify the deficiencies in the instrument. Verification of the supervisor is also one of the forms of data reliability according to [8], one of the validity of qualitative data is through the supervision of supervisors as well as research partners on the regularity of the studies conducted. After the question inventory was verified by the supervisor, the researcher performed a pilot study. The study aims to improve the instrument so it does not affect the results of the study. In addition, through the implementation of pilot studies it is indirectly able to identify the items in the instrument as well as in accordance with the same reference framework between respondents and researchers. A pilot study was conducted on 40 delinquent teenagers and parents obtained from the Municipal Social Welfare Office of Kota Bharu, Pasir Mas, Machang, Kuala Krai, Bachok and Tanah Merah.

VI. INSTRUMENT RELIABILITY

The questionnaires were translated using the *back translation* with the help of experts and was approved by a Malay language specialist. The results of the study found that the reliability value of the SISRI 24 instrument which measures the level of spiritual intelligence is .921. According to [9], the reliability of less than 0.60 is considered low and unacceptable, Alpha value between 0.60 and 0.80 is acceptable while the Alfa exceeding 0.80 is considered good. Therefore, the reliability of SISRI 24 is very good.

Table 1.6 Reliability value by dimension

The reliability of the dimensions *The Spiritual Intelligence Self-Report Inventory* (Bisri 24) King (2008).

Dimensions	Reliability value
Existence of Critical Thinking	.795
Discovery of Personal Meaning	.815
Spiritual / spiritual awareness	.772
The conscious development	.824

Table 1.6 shows the reliability of spiritual intelligence variable is high ($\alpha = .921$) existence of critical thinking dimensions ($\alpha = .795$), discovery dimensions of personal meaning ($\alpha = .815$), the dimensions of spiritual awareness ($\alpha = .772$) and realize the development dimension ($\alpha = .824$). The result shows that the reliability of spiritual intelligence is high.

VII. CLOSING

The purpose of this study is to find out the reliability of the instrument of functionality of the Family's Spiritual Intelligence Self-Report Inventory (SISRI 24) which has been divided into four dimensions namely the existence of critical thinking, the creation of personal meaning, spiritual consciousness and conscious development. The analysis shows that this instrument has high reliability in excess of the dimensions of value $\alpha = 0.7$. According to [13] it has suggested that acceptable range of reliability for most instruments is 0.7 to 0.9.

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