

SISRI-24 The Spiritual Intelligence Self-Report Inventory © 2008 D. King

Age? (in years) _____

Fri? (circle one)MF

The following statements are designed to measure various behaviours, thought processes, and mental characteristics. read each statement carefully and choose which **one** of the five possible responses best reflects you by circling the corresponding number. If you are not sure, or if a statement does not seem to apply to you, choose the answer that seems the best. Please answer honestly and make responses based on how you actually are rather than how you would like to be. The five possible responses are:

0 – Not at all true of me | 1 – Not very true of me | 2 – Somewhat true of me | 3 – Very true of me | 4 – Completely true of me

For each item, circle the **one** response that most accurately describes **you**.

| | | | | | |
|---|---|---|---|---|---|
| 1. I have often questioned or pondered the nature of reality. | 0 | 1 | 2 | 3 | 4 |
| 2. I recognize aspects of myself that are deeper than my physical body. | 0 | 1 | 2 | 3 | 4 |
| 3. I have spent time contemplating the purpose or reason for my existence. | 0 | 1 | 2 | 3 | 4 |
| 4. I am able to enter higher states of consciousness or awareness. | 0 | 1 | 2 | 3 | 4 |
| 5. I am able to deeply contemplate what happens after death. | 0 | 1 | 2 | 3 | 4 |
| 6. It is <i>difficult</i> for me to sense anything other than the physical and material. | 0 | 1 | 2 | 3 | 4 |
| 7. My ability to find meaning and purpose in life helps me adapt to stressful situations. | 0 | 1 | 2 | 3 | 4 |
| 8. I can control when I enter higher states of consciousness or awareness. | 0 | 1 | 2 | 3 | 4 |
| 9. I have developed my own theories about such things as life, death, reality, and existence. | 0 | 1 | 2 | 3 | 4 |
| 10. I am aware of a deeper connection between myself and other people. | 0 | 1 | 2 | 3 | 4 |
| 11. I am able to define a purpose or reason for my life. | 0 | 1 | 2 | 3 | 4 |
| 12. I am able to move freely between levels of consciousness or awareness. | 0 | 1 | 2 | 3 | 4 |
| 13. I frequently contemplate the meaning of events in my life. | 0 | 1 | 2 | 3 | 4 |
| 14. I define myself by my deeper, non-physical self. | 0 | 1 | 2 | 3 | 4 |
| 15. When I experience a failure, I am still able to find meaning in it. | 0 | 1 | 2 | 3 | 4 |
| 16. I often see issues and choices more clearly while in higher states of consciousness/awareness. | 0 | 1 | 2 | 3 | 4 |
| 17. I have often contemplated the relationship between human beings and the rest of the universe. | 0 | 1 | 2 | 3 | 4 |
| 18. I am highly aware of the nonmaterial aspects of life. | 0 | 1 | 2 | 3 | 4 |
| 19. I am able to make decisions according to my purpose in life. | 0 | 1 | 2 | 3 | 4 |
| 20. I recognize qualities in people which are more meaningful than their body, personality, or emotions. | 0 | 1 | 2 | 3 | 4 |
| 21. I have deeply contemplated whether or not there is some greater power or force (eg, god, goddess, divine being, higher energy, etc.). | 0 | 1 | 2 | 3 | 4 |
| 22. Recognizing the nonmaterial aspects of life helps me feel centered. | 0 | 1 | 2 | 3 | 4 |
| 23. I am able to find meaning and purpose in my everyday experiences. | 0 | 1 | 2 | 3 | 4 |
| 24. I have developed my own techniques for entering higher states of consciousness or awareness. | 0 | 1 | 2 | 3 | 4 |

The Spiritual Intelligence Self-Report Inventory (SISRI-24)

Scoring Procedures

Total Spiritual Intelligence Score:

Sum all item responses or subscale scores (after accounting for *reverse-coded item).

24 items in total; Range: 0 – 96

4 Factors/Subscales:

I. Critical Existential Thinking (CET):

Sum items 1, 3, 5, 9, 13, 17, and 21.

7 items in total; range: 0 - 28

II. Personal Meaning Production (PMP):

Sum items 7, 11, 15, 19, and 23.

5 items in total; range: 0 - 20

III. Transcendental Awareness (TA):

Sum items 2, 6*, 10, 14, 18, 20, and 22.

7 items in total; range: 0 - 28

IV. Conscious State Expansion (CSE):

Sum items 4, 8, 12, 16, and 24.

5 items in total; range: 0 - 20

*Reverse Coding: Item # 6 (response must be reversed prior to summing scores).

Higher scores represent higher levels of spiritual intelligence and/or each capacity.

Permissions for Use

Use of the SISRI is unrestricted so long as it is for academic, educational, or research purposes. Unlimited duplication of this scale is allowed with full author acknowledgment only. Alterations and/or modifications of any kind are strictly prohibited without author permission. The author would appreciate a summary of findings from any research which uses the SISRI. Contact details are below.

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Preliminary Statistical Properties: Study 1 (Exploratory Factor Analysis)

Based on a sample of 619 university undergraduate students (488 females, 131 males) with a mean age of 22.53 years (SD = 5.5; age range = 17 to 59 years).

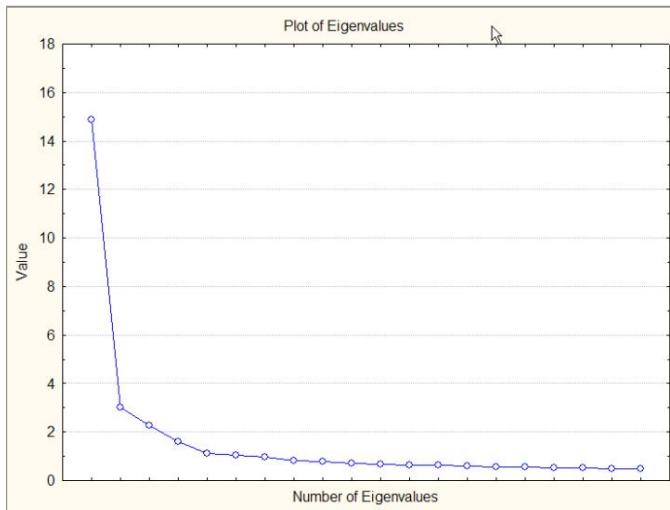
Properties of the Original Item Pool (42 Items)

- ÿ Cronbach's Alpha = .95
- ÿ Average Inter-Item Correlation = .36
- ÿ Split-Half Reliability = .94
- ÿ Multivariate Skewness = -.14 ÿ
- Multivariate Kurtosis = .01

Exploratory Factor Analysis (Principle Components w/ Varimax Normalized rotation)

- ÿ Revealed 4-factor structure; all significant loadings over .35
- ÿ F1 = conscious state expansion (CSE), eigenvalue: 14.87
- ÿ F2 = critical existential thinking (CET), eigenvalue: 3.01
- ÿ F3 = personal meaning production (PMP), eigenvalue: 2.25
- ÿ F4 = transcendental awareness (TA), eigenvalue: 1.60

Scree Plot of Eigenvalues



Properties of Subscales

1. CET: Cronbach's alpha = .88, average inter-item correlation = .41
2. PMP: Cronbach's alpha = .87, average inter-item correlation = .47
3. TA: Cronbach's alpha = .89, average inter-item correlation = .47
4. CSE: Cronbach's alpha = .94, average inter-item correlation = .59

Inter-Subscale Correlations (* p < .05)

| | | | | | |
|-----|------|------|------|------|-----|
| | CET | PMP | TA | CSE | |
| PMP | .67* | .59* | .62* | .67* | 1.0 |
| OK | .52* | .59* | .63* | 1.0 | |
| CSE | | | | | |

NOTE: Inter-subscale correlations are all in the moderate-strong range, supporting intelligence theory (ie, abilities comprising an intelligence should be moderately interrelated).

Preliminary Statistical Properties: Study 2 (Confirmatory Factor Analysis & Validation)

Based on a sample of 305 university undergraduate students (231 females, 74 males) with a mean age of 25.56 years (SD = 10.93; age range = 18 to 81 years).

I. Confirmatory Factor Analysis (via Principle Components w/ Varimax Normalized rotation)

• Revealed 4-factor structure matching Study 1; all significant loadings over .35
• Supports 4-factor structure

II. First Confirmatory Factor Analysis (via Structural Equation Modeling) – 42 items

• 4-factor model revealed poor fit to the data for all 42 items; however, 4-factor model displayed best fit to data compared to alternate models (eg, 2-factor, 3-factor, and 5-factor models)
• Method of Parameter Estimation: Maximum Likelihood
• Discrepancy Function = 6.96
• = 2108.72 (df = 813); χ^2 /df ratio = 2.59
• SRMR = .067; RMSEA = .080 (Confidence Interval = .077 - .084)
• GFI = .73; AGFI = .70; CFI = .83
• Cronbach's Alpha = .958; Average Inter-Item Correlation = .36

NOTE: Based on redundancy, high residual correlations, and cross-loadings, 18 items were removed from the SISRI, leaving a final pool of 24 items.

III. Second Confirmatory Factor Analysis (via Structural Equation Modeling) – 24 items

• 4-factor model revealed moderate-adequate fit to the data for the reduced set of 24 items; performed significantly better than the 42-item pool and alternate models
• Method of Parameter Estimation: Maximum Likelihood
• Discrepancy Function = 1.53
• = 464.68 (df = 246); χ^2 /df ratio = 1.89
• SRMR = .056; RMSEA = .055 (Confidence Interval = .047 - .062)
• GFI = .89; AGFI = .86; CFI = .93
• See *Figure 1* for the CFA model following modifications

Properties of the Final 24-Item Pool

• Cronbach's Alpha = .920 (CET = .78; PMP = .78; TA = .87; CSE = .91)
• Standardized Alpha = .922 (CET = .78; PMP = .78; TA = .87; CSE = .91)
• Average Inter-Item Correlation = .34 (CET = .34; PMP = .42; TA = .49; CSE = .69)
• Split-Half Reliability = .91
• Test-Retest Reliability (n = 25; 4 months elapsed) = .89 (for Total SI Score)
• Multivariate Skewness = .02
• Multivariate Kurtosis = -.23

Validation of the SISRI-24

The following psychological measures were employed in order to validate and investigate the SISRI-30:

- Meaning in Life Questionnaire (MLQ; Steger et al., 2006)
- Metapersonal Self-Constructal Scale (MSC; DeCicco & Stroink, 2003)
- Mysticism Scale – Research Form D (MSD; Hood, 1975)
- Age Universal Intrinsic-Extrinsic Religiosity Scale (AUIE; Gorsuch & Venable, 1983)
- Satisfaction with Life Scale (SLS; Diener et al., 1985)
- Balanced Inventory of Desirable Responding (BIDR; Paulhus, 1984) – *social desirability*
- Emotional Intelligence Scale (EIS; Schutte et al., 1998)
- Multidimensional Aptitude Battery-II (MAB-II; Jackson, 1998) – *IQ*

Conclusions: Construct validity, divergent validity, and convergent validity were well-supported overall.

- SI was more significantly related to intrinsic religiosity than extrinsic religiosity.
- SI displayed a barely significant relationship with social desirability, suggesting that this does not play a large role in responding to the SISRI.
- PMP was highly correlated with Presence of Meaning, but not correlated with Search for Meaning. On the other hand, CET was more highly correlated with Search for Meaning.
- No significant correlations were observed between IQ and SI, ruling out IQ as a confounding variable.
- SI highly correlated with MSC and MSD.
- Age was mildly related to SI and subscales, lending potential support to development of SI over life span.

See *Table 1* for all correlations.

Inter-Subscale Correlations (* $p < .05$)

| | | | | | | |
|-----|------|------|------|------|------|------|
| | CET | PMP | TA | CSE | .42* | 1.0 |
| PMP | .59* | .52* | .61* | .59* | 1.0 | .56* |
| OK | .43* | .52* | .56* | 1.0 | | |
| CSE | | | | | | |

NOTE: Inter-subscale correlations are all in the moderate-strong range, supporting intelligence theory (ie, abilities comprising an intelligence should be moderately interrelated).

Table 1

All Correlations with the SISRI Total and Subscale Scores (based on final 24-item pool)

| Variable/Measure | SI | CET | PMP | TA | CSE |
|---|--------|--------|--------|--------|---------------|
| Age (n = 304) | .28*** | .11* | .25*** | .28*** | .26*** |
| MLQ: Search for Meaning (n = 271) | .21** | .39*** | .05 | | .15* .03 |
| MLQ: Presence of Meaning (n = 271) | .44*** | .10 | | .65** | .38*** .38*** |
| MSC: Metapersonal Self-Constructal (n = 270) | .67** | .44*** | .60** | .63** | .48*** |
| MSD: Total Mysticism/Mystical Experiences (n = 270) | .63** | .40*** | .44*** | .59** | .57** |
| MSD: Extrovertive Mysticism (n = 270) | .55** | .36*** | .34*** | .52** | .53** |
| MSD: Introvertive Mysticism (n = 270) | .58** | .39*** | .39*** | .52** | .53** |
| MSD: Religious Interpretation (n = 270) | .58** | .33*** | .48*** | .56** | .49*** |
| AUIE: Intrinsic Religiosity (n = 265) | .48*** | .30*** | .43*** | .45*** | .37*** |
| AUIE: Extrinsic Religiosity (n = 265) | .21** | .19** | .14* | .20** | .13* |
| SLS: Satisfaction with Life (n = 268) | .20** | .01 | | .40*** | .21** .10 |
| BIDR: Self-Deception (n = 236) | .16* | -.04 | | .27*** | .20** .15* |
| BIDR: Impression Management (n = 236) | .15* | .01 | | .23*** | .22** .06 |
| EIS: Emotional Intelligence (n = 293) | .43*** | .27*** | .48*** | .39*** | .30*** |
| MAB-II: IQ (n = 35) | .07 | .09 | -.04 | .28 | -.13 |
| MAB-II: Verbal IQ (n = 35) | .22 | .27 | .07 | .33 | -.01 |
| MAB-II: Performance IQ (n = 35) | -.00 | -.05 | -.05 | .18 | -.11 |

Note. SI = Total Spiritual Intelligence Score; CET = Critical Existential Thinking; PMP = Personnel

Meaning Production; TA = Transcendental Awareness; CSE = Conscious State Expansion.

* $p < .05$; ** $p < .01$; *** $p < .001$

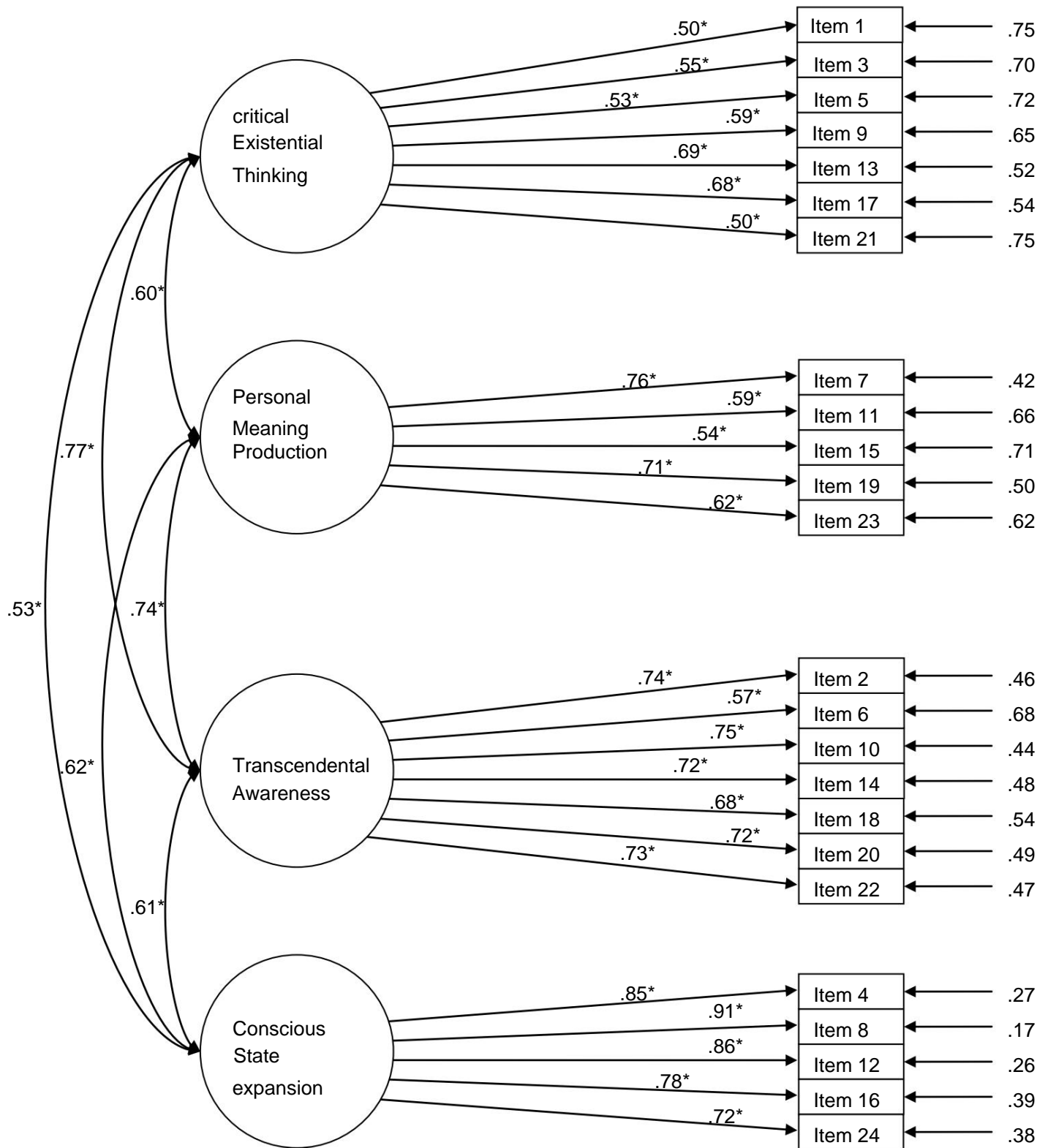


Figure 1. CFA four-factor model for the SISRI-24 (* $p < .001$)

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(available for download at <http://www.dbking.net/spiritualintelligence/>)