

Name of Measure: Six-Factor Self-Concept Scale (SFSCS) (Stake, 1994).

Purpose of Measure: To measure aspects of self-concept.

Author(s) of Abstract:

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Reference: Yanico, B. & Lu, T. G. C. (2000). A psychometric evaluation of the six-factor self-concept scale in a sample of racial/ethnic minority women. *Educational and Psychological Measurement*, 60(1), 86-99.

Description of measure: The SFSCS has 36 items within six sub-scales:

- 1) Power: Having strength, toughness, and the ability to influence others (7 items)
- 2) Task Accomplishment: Having good work habits, ability to manage and complete tasks efficiently (6 items)
- 3) Giftedness: Having special natural aptitudes and talents (5 items)
- 4) Vulnerability: Self-criticalness and difficulty performing under pressure (6 items)
- 5) Likeability: Pleasant and enjoyable to be with (6 items)
- 6) Morality: Qualities valued as good and virtuous (6 items).

Items are rated on a scale from 1 (never or almost never true of you) to 7 (always or almost always true of you). Scales scores are sums of item ratings. The Power and Giftedness scales are weighed by .857 and 1.12, respectively to make them equivalent to the other six-item scales. The sub-scale scores will range from 7 to 42.

Alternatively, sub-scale scores may be expressed as a mean item rating. In this case, items of the Vulnerability scale should be reversed and the scale is re-labeled as Invulnerability. Item ratings are summed and divided by the total number of items to get the mean item rating for the sub-scale. Sub-scale scores will range between 1 and 7.

Language availability: English

Translation comments: Not applicable.

Description of population: The participants were 185 female undergraduate and graduate students. Their mean age was 24.4 years (SD=5.2 years). Almost seventy percent (69.5%) were single, 20.3% were married or cohabiting, and 7.3% were separated or divorced. The large majority of participants considered themselves to be either middle class (53.7%) or working class (35%).

Norms: A factor analysis of items conducted with the total sample yielded a 6 factor solution almost identical to that reported by Stake (1994).

Means and Standard Deviations for SFSCS items and sub-scales by race/ethnicity

Racial/Ethnic Groups									
	African American (n = 50)		Asian American (n = 38)		Latina (n = 42)		Native American (n = 55)		Euro-American (Stake, 1994) ^a
Sub-scale	M	SD	M	SD	M	SD	M	SD	M
Summated Scoring									
Likeability	37.90	3.72	35.79	4.55	36.00	4.73	34.76	5.04	34.91
Morality	38.26	3.42	36.79	3.67	36.95	3.56	38.15	3.10	36.59
Task Accomplishment	34.38	4.63	34.45	3.95	32.52	5.76	33.65	4.26	32.38
Giftedness	30.08	5.37	27.38	5.53	24.35	5.76	33.65	4.26	32.38
Power	29.96	5.74	29.12	5.20	27.02	6.34	28.27	5.66	24.74
Vulnerability	23.90	6.36	23.97	6.00	25.55	6.27	24.29	6.68	27.10
Composite	148.56	17.81	139.55	17.54	131.29	21.12	138.03	20.13	128.85
Averaged Scoring									
Likeability	6.32	0.62	5.96	.76	6.00	0.79	5.79	0.84	
Morality	6.38	0.55	6.13	0.61	6.16	0.59	6.36	0.52	
Task Accomplishment	6.00	0.67	5.92	0.65	5.56	1.04	5.84	0.08	
Giftedness	5.37	0.96	4.89	0.99	4.35	1.19	5.09	1.28	
Power	4.97	0.93	4.85	0.87	4.50	1.06	4.71	0.94	
Invulnerability	4.33	1.01	4.00	1.00	3.74	1.05	3.95	1.11	

^a Based on a sample of 476 female college students
 The scores of Asian respondents did not differ statistically from those of any other group
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Reliability: Cronbach alpha coefficients were calculated for the entire sample by sub-scale.

	Alpha
Likeability	.86
Morality	.85
Task Accomplishment	.79
Giftedness	.79
Power	.86
Vulnerability	.76

Validity: The convergent validity of the SFSCS was assessed for the total sample and for each racial/ethnic group by computing the correlation between SFSCS sub-scale scores and Rosenberg self esteem (RSE) scale scores. When the total sample was assessed, all positive SFSCS sub-scale scores with the exception of Morality were

positively associated with RSE scores at statistically significant levels (.30 to .42, $p < .01$), vulnerability sub-scale scores were negatively associated ($r = -.49$, $p < .01$). Morality scores were not correlated with RSE scores at a statistically significant level. When examining the Asian sub-group alone, only the Giftedness ($r = .41$, $p < .01$) and the vulnerability ($r = -.42$, $p < .01$) scores were significantly correlated with RSE scores.

Original reference to instrument: Stake, L. E. (1994). Development and validation of the Six-Factor Self-Concept Scale for adults, *Educational and Psychological Measurement*, 54, 56-72.

How to obtain copy of instrument: Please contact
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