

Shapiro

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Shapiro Shapiro Control Inventory SCI SCI SES SAS SDS SCI SES SAS SDS SCI 0.55-0.88 0.70-0.88 SCI 8 0.15-0.43 7 0.27-0.63 7 0.13-0.25

Revising of the Shapiro Control Inventory and It's Relation to Self-Esteem, Anxiety, Depression

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Abstract Objective: to revise the Shapiro Control Inventory(SCI) and examine the relation between control-related issues and self-esteem, anxiety and depression. **Methods:** after 343 college students completed the measure of the revised SCI, Rosenberg Self-Esteem Scale(SES), Self-Rating Anxiety Scale(SAS), Self-Rating Depression Scale(SDS), factor analysis (principal components method) was used to verify the construct of the SCI, and internal consistency reliability and test-retest reliability were examined, relations between SCI and SES, SAS, SDS were also tested. **Results:** the construct validity of the revised SCI was coincident with the original scale, internal consistency reliabilities of the SCI subscales (Cronbach's Alphas) were between 0.55-0.88, test-retest reliabilities were between 0.70-0.88, distinct correlation was found between SCI and SES, SAS, SDS. **Conclusion:** the revised SCI had a favorable internal construct and appropriate reliability.

Key Words Control Inventory; Inventory Revising Construct Validity Reliability Psychometric Study

Rotter "Internal/External Locus of Control Scale, 1966 Wallstons "Health Locus of Control Scale, 1976 Levison Viney "Multidimensional Health Locus of Control Scale 1978

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Levison Rotter Wallstons "Internality Powerful Others and Chance Scale 1981 Pauthus

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Spheres of Control (1983)

Deane H. Shapiro (1983) [2] Shapiro Control Inventory (SCI) (1994) [3] Sense of Control (2) Modes of Control (3) Motivation of Control (4) Agency of Control (8)

1. 1

1.1

06/07 87 35 40.2% 52 59.8% 21

14 3 363 352 343 97.4% 343 161 46.9% 176 51.3% 6 20

1.2

1.2.1 Shapiro [3] Shapiro Control Inventory (SCI)

SCI 16 16 11 5 7 25 7 6 50 positive assertive (positive yielding) (negative assertive) (negative yielding) 4 A SCI MMPI EPQ 0.70-0.89 0.67-0.93

1.2.2 [4] The Self-Esteem Scale (SES)

10 0.8

1.2.3 [5] Self-Rating Anxiety Scale, SAS

20 1986

1.2.4 (Self-Rating Depression Scale, SDS) [6]

20 SDS

1.3

SCI 82 15 21 46 35

1.4