

TEST-RETEST RELIABILITY AND INTERNAL CONSISTENCY OF  
SHORT-FORM OF COOPERSMITH'S SELF-ESTEEM INVENTORY

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*Summary.*—Although information relating to the validity of the short form of Coopersmith's Self-esteem Inventory has recently been made available, little has been published regarding the reliability or internal consistency of this new measure. For 103 college students test-retest reliability and KR-20 coefficients are reported. The results present strong support for both the stability and internal consistency of scores on the inventory.

While a great deal of information on the validity and reliability of the Coopersmith Self-esteem Inventory is available (Self-esteem Institute, 1974), it has been only recently that comparable information has been published relating to the validity of the inventory's newly developed shorter version, Form B (Bedeian, 1976; Bedeian & Zmud, 1977). Data pertaining to the reliability of Form B, however, has yet to appear. The purpose of the present study was to provide necessary information pertaining to the test-retest reliability and internal consistency of this new measure.

Developed from an item analysis of the original inventory, Form B consists of 25 statements to which subjects respond by indicating either "Like Me" or "Unlike Me." Whereas the original inventory was developed for use with children, Form B has been successfully modified and used for both college (Bedeian, in press) and industrial populations (Latham & Yukl, 1976).

Subjects were 103 students (64 males and 39 females) enrolled in an upper-level course at a large southeastern university. There were two data collecting sessions separated by an interval of 5 wk. The inventory was administered at both sessions and was scored using the standard procedure developed by Coopersmith (Self-esteem Institute, 1974). Test-retest reliability and Kuder-Richardson (1937) KR-20 coefficients were computed separately for male and female subjects. The test-retest reliability (coefficient of stability)

TABLE 1  
MEANS, SDs, AND KUDER-RICHARDSON KR-20 COEFFICIENTS ON TWO  
ADMINISTRATIONS (T<sub>1</sub> AND T<sub>2</sub>) OF THE SELF-ESTEEM INVENTORY (FORM B)

Group	n	M		SD		KR-20	
		T <sub>1</sub>	T <sub>2</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>1</sub>	T <sub>2</sub>
Male	64	77.72	79.36	15.00	14.20	.75	.74
Female	39	76.68	79.16	13.48	12.60	.70	.67
Total	103	77.36	79.28	14.44	13.64	.73	.71

for males was .80 and for females .82. The KR-20 reliability coefficients for both administrations ( $T_1$  and  $T_2$ ) are presented by sex in Table 1. These data support the stability and internal consistency of the inventory's short form.

## REFERENCES

- BEDEIAN, A. G. Relationship of need achievement to self-esteem: evidence for validity of Form B of Coopersmith's Self-esteem Inventory. *Perceptual and Motor Skills*, 1976, 43, 1219-1220.
- BEDEIAN, A. G. The roles of self-esteem and *n* Achievement in aspiring to prestigious vocations. *Journal of Vocational Behavior*, in press.
- BEDEIAN, A. G., & ZMUD, R. W. Some evidence relating to convergent validity of Form B of Coopersmith's Self-esteem Inventory. *Psychological Reports*, 1977, 40, 725-726.
- KUDER, G. F., & RICHARDSON, M. W. The theory of estimation of test reliability. *Psychometrika*, 1937, 2, 151-160.
- LATHAM, G. P., & YUKL, G. A. Effects of assigned and participative goal setting on performance and job satisfaction. *Journal of Applied Psychology*, 1976, 61, 166-171.
- SELF-ESTEEM INSTITUTE. *Norms for the Coopersmith Self-esteem Inventory*. San Francisco: Author, 1974.

Accepted October 24, 1977.

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