
Alternate Forms

The Short Index of Problems (SIP)

A short version of the DrInC was developed for situations in which assessment time is more limited and a comprehensive survey of specific problems is not needed. This 15-item version was derived by calculating the correlations of each item with its respective subscale score. The three items with strongest relationship to overall subscale scores were selected to represent those subscales. Internal consistency coefficients were calculated from the Study 1 sample for these subscales and for the total SIP (table 13). As would be expected, Cronbach values were lower for these 3-item scales than for the full subscales but still fell near the optimal range specified by Horn et al. (1987). Test-retest reliability coefficients for SIP and subscale scores were calculated from the Study 2 sample. As noted, test-retest reliabilities ranged upward from .85, with the exception of the Impulse Control subscale.

Table 13. Internal item consistency and test-retest stability of the shortened version of the DrInC: The SIP

DrInC scales	Items*	Sample 1 (N = 1,389)		Sample 2 (N = 60)	
		Recent	Lifetime	Test-retest correlations Pearson <i>r</i>	Intraclass <i>r</i>
Physical	13, 24, 29	.67	.57	.85	.75
Social	14, 26, 40	.76	.66	.90	.84
Intrapersonal	12, 16, 38	.77	.57	.95	.93
Impulse	47, 22, 19	.61	.57	.71	.59
Interpersonal	30, 31, 39	.76	.66	.89	.71
Total SIP	(15 items)	.89	.81	.94	.89

* For details of item numbers, see table 3.

Administration and Scoring

The conditions of administration are the same for the SIP as for the DrInC. Scoring is accomplished by transferring the subject's scores from the answer sheet to the SIP Scoring Sheet provided in the appendix.

Interpretation of Scores

As an aid in interpreting individual and sample scores from the overall SIP and its subscales, table 14 provides decile rankings based upon responses of the Study 1 sample. Because of the restricted range (0-3) for Lifetime SIP (2L) subscales, decile scores are provided only for Recent (2R) SIP subscales. Decile rankings are also provided for total SIP scores in both the Lifetime (2L) and Recent (2R) versions. As shown, relatively good dispersion of client responses on SIP scales can be anticipated, although the Impulse Control scale distribution was positively skewed and quite leptokurtic. Interpretation of total and subscale scores from the SIP is comparable to DrInC interpretation guidelines provided earlier.

Table 14. Decile ranking of the five SIP scales of the recent consequences (3 items each) by gender (N = 1,389; Male = 1,047, Female = 342)

Decile	SIP Subscale raw scores (recent only)										Total SIP scores			
	Physical		Interp.		Intrap.		Impulse		Social		Recent		Lifetime	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10	1	1	1	0	2	3	0	0	1	0	9	8	8	7
20	2	2	2	1	3	4	1	0	2	1	13	11	10	9
30	3	3	3	2	4	5	2	1	3	2	16	15	11	10
40	3	3	4	3	5	6	2	1	4	3	19	17	12	11
50	4	4	5	4	6	7	2	2	5	4	22	19	13	12
60	5	5	6	4	7	7	3	2	6	5	25	23	14	13
70	6	6	7	5	8	8	3	3	6	6	29	26	14	14
80	7	7	8	7	8	9	4	3	8	7	31	30	15	14
90	8	8	8	8	9	9	5	5	9	8	35	34		15

Collateral Forms

Several parallel forms are appended, which may be useful in specialized applications. These forms are provided for research purposes, with the caveat that unlike the DrInC, their specific psychometric characteristics have not yet been established.

It is desirable in some clinical and research contexts to obtain information from collateral sources, such as friends or family members, to complement or verify client self-report. In this regard, it would be useful to have a version of the DrInC that can be administered to collaterals. Not all items of the DrInC are appropriate for this purpose. Some inquire, for example, about the client's internal emotional states or perceptions. For collateral applications, therefore, a subset of DrInC items were selected that could be directly observed and reported by others. For simplicity and clarity of wording, separate forms were prepared to obtain collateral reports for male and female subjects. These questionnaires and corresponding scoring forms are provided in the appendix.

The Inventory of Drug Use Consequences

Because it is desirable in some settings to assess the consequences of drinking as well as other drug use, the wording of DrInC items was modified to produce parallel forms titled "Inventory of Drug Use Consequences" (InDUC). These forms ask about adverse consequences of both alcohol and other drug use. They differ from the DrInC only in the addition of drug use to the wording of items, except that item 32 has been changed from "I have been overweight because of my drinking" to "I have spent time in jail or prison because of my drinking or drug use." This substitution was made because weight gain is a less likely consequence and imprisonment is a more likely consequence of other drug use. Questionnaires and scoring forms for the InDUC are provided in the appendix, again with the caveat that interpretive norms have not yet been developed for these versions. Corresponding forms for collaterals are also included.