

**Levenson Psychopathy Inventory**  
Grad 12 /Year 13  
Fast Track Project Technical Report  
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**Citation**

*Instrument*

Levenson, M. R., Kiehl, K. A., & Fitzpatrick, C. M. (1995). Assessing psychopathic attributes in a noninstitutionalized population. *Journal of Personality and Social Psychology*, 68 (1), 151-158.

*Report*

Iselin, A. R., Lamb, R. & Sandoval, J. (2009). *Levenson psychopathy inventory: Primary psychopathy subscale*. (Fast Track Project Technical Report). Available from the Fast Track Project Web site, <http://www.fasttrackproject.org>

**Data Sources**

*Raw:* C13BK

*Scored:* LPI13

**I. Scale Description**

The Levenson Self-Report Psychopathy Instrument (LSRPI) is one of two subscales of the Levenson Self-Report Psychopathy Scale. This subscale of the larger instrument measures the degree to which participants report affective and interpersonal characteristics that are callous, lacking in emotion, manipulative, grandiose, and glib. These are the hallmark characteristics of primary psychopathy based on Cleckley's and Hare's conceptualizations of the disorder. This measure was added to the Fast Track protocol in year 13 (2003) for cohort 1.

**II. Report Sample**

These analyses were conducted on the first cohort on the high-risk control sample (n = 155) and the normative sample (n = 387, N = 463 with overlap) for the thirteen year of the study. One hundred twenty five records were missing for the complete measure. Fifty - three records from the control sample (8 from Durham, 19 from Nashville, 11 from Pennsylvania and 15 from Washington) and 107 records were missing from the normative sample (22 from Durham, 41 from Nashville, 25 from Pennsylvania and 19 from Washington).

**III. Scaling**

The 16 items primary psychopathy scale evaluates antisocial behaviors found in typical students. Each item is scored on a response scale of 0 to 3, where 0 = *disagree strongly*, 1 = *disagree somewhat*, 2 = *agree somewhat*

and 3 = *agree strongly*. Item variable names and designations are listed in table 1. Items in bold on table one must be converted to a standardized raw score through reverse scoring. The variables which are reversed scored are C13BK10, C13BK12, C13BK14, C13BK15 and C12BK16. Once the items are reverse scored or standardized, all of the items are added to create a single measure of primary psychopathy, variable LPI13LPP1.

Table 1.

*Item and scale designation*

Variable	Number	Item
C13BK1	1	Success is based on survival of the fittest; I am not concerned about the losers.
C13BK2	2	For me, what's right is whatever I can get away with.
C13BK3	3	In today's world, I feel justified in doing anything I can get away with to succeed.
C13BK4	4	My main purpose in life is getting as many goodies as I can.
C13BK5	5	Making a lot of money is my most important goal.
C13BK6	6	I let others worry about higher values; my main concern is with the bottom line.
C13BK7	7	People who are stupid enough to get ripped off usually deserve it.
C13BK8	8	Looking out for myself is my top priority.
C13BK9	9	I tell other people what they want to hear so that they will do what I want them to.
<b>C13BK10</b>	10	I would be upset if my success came at someone else's expense.
C13BK11	11	I often admire a clever scam.
<b>C13BK12</b>	12	I make a point of trying not to hurt others in my pursuit of my goals.
C13BK13	13	I enjoy manipulating other people's feelings.
<b>C13BK14</b>	14	I feel bad if my words or actions cause someone else to feel emotional pain.
<b>C13BK15</b>	15	Even if I were trying very hard to sell something, I wouldn't lie about it.
<b>C13BK16</b>	16	Cheating is not justified because it is unfair to others.

Table 2 summarizes inter-item reliability for the scale by sample group using Cronbach's Alpha. All areas of the survey show an appropriate level of internal consistency. However, item 13 (C13BK13) had a negative item-total correlation ( $r=-.10$ ). The negative item correlation indicates that the item should be recoded in the opposite direction.

Table 2.

*Alpha coefficients for inter-reliability of the Levenson's Psychopathy Scale*

Sample	Cronbach's Alpha (Using Standardized Scores)
Normative	0.78
Control	0.79

**IV. Differences Between Groups**

Tables 3 shows the results of a t-test mean comparison of psychopathy scores between the control and normative sample groups. Results indicated no significant difference between the normative sample and the control sample.

Table 3.

*t-test results for comparison of control and normative samples*

Scale	Normative Sample		Control Sample		df	t-value	Pr> t
	Mean	SD	Mean	SD			
Levenson's Psychopathy Primary 1	0.90	0.47	0.95	0.50	113	-0.35	0.36

## V. Recommendations for Use

The LSRPI is appropriate in a setting in which time is limited. The LSRPI is commonly used as a single point measure of antisocial behavior. Conversion of reverse scores to standardized scores allows for meaningful comparison of sample groups and individuals within those groups. The summation of scores for each group allows for comparison of mean differences via t-test.

## VI. Item Scale Means and SD

Table 5.

*Summary statistic of items for control and normative samples*

Variable	M		SD		Min		Max	
	Control	Normative	Control	Normative	Control	Normative	Control	Normative
C13BK1.	1.18	1.13	1.03	0.97	0	0	3	3
C13BK2.	0.51	0.64	0.84	0.88	0	0	3	3
C13BK3.	0.61	0.71	0.99	0.92	0	0	3	3
C13BK4	0.67	0.54	1.06	0.84	0	0	3	3
C13BK5	1.65	1.43	1.24	1.13	0	0	3	3
C13BK6	0.93	0.85	1.02	0.97	0	0	3	3
C13BK7	0.57	0.64	0.97	0.87	0	0	3	3
C13BK8	1.61	1.38	1.20	1.13	0	0	3	3
C13BK9	0.66	0.54	0.98	0.82	0	0	3	3
C13BK10	1.45	1.44	1.22	1.12	0	0	3	3
C13BK11	0.77	0.57	1.03	0.88	0	0	3	3
C13BK12	1.87	1.89	1.24	1.22	0	0	3	3
C13BK13*	0.33	0.27	0.82	0.69	0	0	3	3
C13BK14	1.91	1.93	1.21	1.18	0	0	3	3
C13BK15	1.99	2.04	1.17	1.09	0	0	3	3
C13BK16.	2.05	2.04	1.20	1.12	0	0	3	3

## VII. Scale Correlations

Table 6.

*Item correlations coefficients, control sample,  $r(102)$ ,  $p < 0.05$*

Variable	C13B K2	C13B K3	C13B K4	C13B K5	C13B K6	C13B K7	C13B K8	C13B K9	C13B K10	C13B K11	C13B K12	C13B k13	C13B K14	C13B K15	C13B K16
C13BK1	0.4628	0.3389	0.4606	0.4181	0.5409	0.3714	0.4205	0.2353	0.2031	0.3182	0.1792	0.1620	0.1464	0.0502	0.1523
C13BK2		0.7561	0.5943	0.3830	0.4305	0.5634	0.4438	0.5986	0.3054	0.6793	0.0914	0.3235	0.0057	0.0852	0.0339
C13BK3			0.6619	0.2823	0.3934	0.6388	0.3695	0.6070	0.2315	0.6023	0.0882	0.3083	0.0619	0.0736	0.0416
C13BK4				0.4990	0.6177	0.4478	0.2856	0.4719	0.1954	0.4933	0.1789	0.3676	0.0464	0.0293	0.0522
C13BK5					0.5795	0.2508	0.4702	0.2742	0.1001	0.3387	0.1958	0.1937	0.0120	0.0248	0.0016
C13BK6						0.3576	0.2904	0.1928	0.1916	0.3415	0.2263	0.2378	0.0906	0.0898	0.0994
C13BK7							0.3371	0.5302	0.2338	0.4541	0.1102	0.3054	0.0094	0.0311	0.0525
C13BK8								0.3717	0.2439	0.2773	0.2713	0.1330	0.0915	0.0659	0.0959
C13BK9									0.3556	0.6771	0.2162	0.3635	0.0827	0.0288	0.0108
C13BK10										0.3320	0.4916	0.1054	0.4912	0.3225	0.4405
C13BK11											0.2485	0.3628	0.0089	0.0019	0.0792
C13BK12												0.1194	0.3088	0.2850	0.2510
C13BK13*													0.1090	0.1365	0.1137
C13BK14														0.6195	0.5424
C13BK15															0.5643

*Note.* Recoding of item C13BK13 in the opposite direction results in a positive correlation coefficient.

Table 7.

*Item correlation coefficients, normative sample,  $r(236)$ ,  $p < 0.05$*

Variable	C13B K2	C13B K3	C13B K4	C13B K5	C13B K6	C13B K7	C13B K8	C13B K9	C13B K10	C13B K11	C13B K12	C13B k13	C13B K14	C13B K15	C13B K16
C13BK1	0.3916	0.2865	0.3241	0.2639	0.3145	0.2443	0.3471	0.1824	0.0371	0.1010	0.0489	0.0942	0.0218	0.0935	0.0342
C13BK2		0.6124	0.4957	0.2338	0.3178	0.3853	0.2448	0.4192	0.0079	0.3493	0.0268	0.2878	0.0094	0.1419	0.0324
C13BK3			0.5178	0.2850	0.3856	0.4568	0.3232	0.5308	0.0408	0.4372	0.0058	0.4076	0.0534	0.1165	0.0046
C13BK4				0.3506	0.4586	0.4106	0.3251	0.4825	0.1357	0.4104	0.0076	0.3672	0.0226	0.0832	0.0066
C13BK5					0.3816	0.2250	0.3577	0.1566	0.0348	0.0705	0.0522	0.0603	0.0196	0.0134	0.1110
C13BK6						0.4063	0.4241	0.3846	0.0799	0.2509	0.0283	0.3224	0.0236	0.0268	0.0884
C13BK7							0.2925	0.5466	0.2216	0.5222	0.0830	0.4722	0.1071	0.0801	0.0634
C13BK8								0.3470	0.1522	0.2419	0.0212	0.1936	0.0129	0.0609	0.0752
C13BK9									0.3019	0.6288	0.0730	0.5203	0.1327	0.1805	0.0998
C13BK10										0.2300	0.2738	0.1974	0.2002	0.2667	0.2112
C13BK11											0.1874	0.5153	0.0659	0.0616	0.0684
C13BK12												0.0917	0.3548	0.3334	0.2511
C13BK13*													0.1404	0.0594	0.0074
C13BK14														0.4612	0.4478
C13BK15															0.5705

*Note.* Recoding of item C13BK13 in the opposite direction results in a positive correlation coefficient.

Appendix  
(Scoring program removed)