

Parent's Check List
Kindergarten/Year 1
Fast Track Project Technical Report
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July 31, 2006

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SAS Scoring program

Citation

Instrument

Dodge, K. A. & Coie, J. D. (1987). Social-information-processing factors in reactive and proactive aggression in children's peer groups. *Journal of Personality and Social Psychology*, 53, 1146-1158.¹

Conduct Problems Prevention Research Group (CPPRG). (1995). *Parent's Check List*. Available from the Fast Track Project website: <http://www.fasttrackproject.org>²

Reports

Pek, J. C. X. (2006). *Parent's Check List, Kindergarten /Year 1* (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org>

Corrigan, A. (2002). *Parent's Check List, Grade 1 /Year 2* (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org>

Miller-Johnson, S. & Maumary-Gremaud, A. (1995). *Parent's Check List*. (Fast Track Project Technical Report). Durham, NC: Duke University.

Data Sources

Raw: P1D_CL

Scored: PCL1

I. Scale Description

The Parent's Check List is a six-item scale that assesses parents' perceptions of children's aggressive behavior. The Parent's Check List is derived from a 12-item instrument developed by Dodge and Coie (1987).

Each item on the Parent's Check List contains a statement describing a child's aggression-related behavior; for example: "When your child has been teased or threatened, he or she gets angry easily and strikes back." The parent selects the response that evaluates how well the statement applies to the child.

¹ Original rating instrument.

² Adaptation of the original.

Response choices include: “Never True” (0), “Rarely True” (1), “Sometimes True” (2), “Usually True” (3), and “Almost Always True” (4).

II. Report Sample

These analyses were conducted on the first cohort on the high-risk sample (n = 310) and the normative sample (n = 387 with overlap, N = 618) from the first year of the study. No records were missing the complete measure.

III. Scaling

A previous study of the Parent’s Check List (1995) identified two subscales of three items each: *Reactive Aggression* (Items 1, 2, and 3) and *Proactive Aggression* (Items 4, 5, and 6). Each scale score was calculated by taking the mean of the items comprising the scale if at least 50% of the items were non-missing.

Cronbach’s alphas were calculated for each subscale and are shown in the table below:

Subscales	Cronbach’s Alpha	
	High-Risk Sample	Normative Sample
Reactive Aggression	.64	.70
Proactive Aggression	.76	.73

Both subscales – *Reactive Aggression* and *Proactive Aggression* – showed adequate internal reliabilities for both the normative and the high-risk sample.

IV. Differences Between Groups

A series of t-tests between the high-risk sample (not including the overlap) and the normative sample indicated significant differences for the two subscales, *Reactive Aggression* and *Proactive Aggression*, with the normative sample scoring lower than the high-risk sample for both scores. No significant differences between the control and intervention samples were found.

Parent’s Check List, Subscales, Normative vs. High-Risk								
Variable	Label	Normative		High-Risk		DF	t Value	Pr > t
		Mean	Std Dev	Mean	Std Dev			
PCL1REA	Reactive Aggression Subscale -PCL Y1	1.62987	0.84015	2.21613	0.86414	616	8.55	<.0001
BPR1PRO	Proactive Aggression Subscale -PCL Y1	0.42532	0.57752	0.92366	0.85579	616	8.48	<.0001

Parent’s Check List, Subscales, Control vs. Intervention								
Variable	Label	Intervention		Control		DF	t Value	Pr > t
		Mean	Std Dev	Mean	Std Dev			
BPR1PRO	Proactive Aggression Subscale -PCL Y1	0.89677	0.90976	0.95054	0.80025	308	0.55	0.5811
PCL1REA	Reactive Aggression Subscale -PCL Y1	2.24516	0.89900	2.18710	0.82972	308	-0.59	0.5550

V. Recommendations for Use

Analysts should note that *Reactive Aggression* was normally distributed for both the normative and high-risk samples. While *Proactive Aggression* was normally distributed for the high-risk sample, 46% of the normative sample scored 0 on this scale, which was the lowest possible score. Analysts considering use of the Parent's Check List should keep in mind that each subscale includes only a small number of items.

VI. Item and Scale Means and SD's

PCL Items Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P1DCL1	Child gets angry when teased	387	1.822	1.071	0.000	4.000
P1DCL2	Claims other children to blame in fights	387	2.016	1.143	0.000	4.000
P1DCL3	Assumes accidental bump intentional	387	1.364	1.086	0.000	4.000
P1DCL4	Gets other kids to gang up on someone	387	0.336	0.687	0.000	4.000
P1DCL5	Uses physical force to dominate	387	0.615	0.854	0.000	4.000
P1DCL6	Bullies others to get his/her own way	387	0.677	0.969	0.000	4.000

PCL Items Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P1DCL1	Child gets angry when teased	155	2.335	1.077	0.000	4.000
P1DCL2	Claims other children to blame in fights	155	2.439	1.070	0.000	4.000
P1DCL3	Assumes accidental bump intentional	155	1.787	1.195	0.000	4.000
P1DCL4	Gets other kids to gang up on someone	155	0.503	0.817	0.000	4.000
P1DCL5	Uses physical force to dominate	155	1.161	1.066	0.000	4.000
P1DCL6	Bullies others to get his/her own way	155	1.187	1.086	0.000	4.000

PCL Items Intervention Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P1DCL1	Child gets angry when teased	155	2.323	1.151	0.000	4.000
P1DCL2	Claims other children to blame in fights	154	2.578	1.101	0.000	4.000
P1DCL3	Assumes accidental bump intentional	155	1.826	1.169	0.000	4.000
P1DCL4	Gets other kids to gang up on someone	155	0.535	0.935	0.000	4.000
P1DCL5	Uses physical force to dominate	155	1.084	1.200	0.000	4.000
P1DCL6	Bullies others to get his/her own way	155	1.071	1.117	0.000	4.000

PCL Subscale Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PCL1REA	Reactive Aggression Subscale -PCL Y1	387	1.734	0.868	0.000	4.000
BPR1PRO	Proactive Aggression Subscale -PCL Y1	387	0.543	0.682	0.000	3.667

PCL Subscale Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PCL1REA	Reactive Aggression Subscale -PCL Y1	155	2.187	0.830	0.000	4.000
BPR1PRO	Proactive Aggression Subscale -PCL Y1	155	0.951	0.800	0.000	3.667

PCL Subscale Intervention Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PCL1REA	Reactive Aggression Subscale -PCL Y1	155	2.245	0.899	0.000	4.000
BPR1PRO	Proactive Aggression Subscale -PCL Y1	155	0.897	0.910	0.000	4.000

VII. Item and Scale Correlations

Parent's Check List, Items, Report Sample

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations						
	P1DCL1	P1DCL2	P1DCL3	P1DCL4	P1DCL5	P1DCL6
P1DCL1 Child gets angry when teased	1.00000 618	0.45808 <.0001 617	0.41463 <.0001 618	0.20823 <.0001 618	0.39883 <.0001 618	0.38625 <.0001 618
P1DCL2 Claims other children to blame in fights	0.45808 <.0001 617	1.00000 617	0.45510 <.0001 617	0.20131 <.0001 617	0.32198 <.0001 617	0.35040 <.0001 617
P1DCL3 Assumes accidental bump intentional	0.41463 <.0001 618	0.45510 <.0001 617	1.00000 618	0.36025 <.0001 618	0.41833 <.0001 618	0.44291 <.0001 618
P1DCL4 Gets other kids to gang up on someone	0.20823 <.0001 618	0.20131 <.0001 617	0.36025 <.0001 618	1.00000 618	0.42045 <.0001 618	0.46409 <.0001 618
P1DCL5 Uses physical force to dominate	0.39883 <.0001 618	0.32198 <.0001 617	0.41833 <.0001 618	0.42045 <.0001 618	1.00000 618	0.62411 <.0001 618
P1DCL6 Bullies others to get his/her own way	0.38625 <.0001 618	0.35040 <.0001 617	0.44291 <.0001 618	0.46409 <.0001 618	0.62411 <.0001 618	1.00000 618

Parent's Check List, Subscales, Report Sample

Pearson Correlation Coefficients, N = 618 Prob > r under H0: Rho=0		
	PCL1REA	BPR1PRO
PCL1REA Reactive Aggression Subscale -PCL Y1	1.00000	0.53494 <.0001
BPR1PRO Proactive Aggression Subscale -PCL Y1	0.53494 <.0001	1.00000