

Post-Intervention Ratings of Child and Parent Change (Grade 4+)

Grade 5/Year 6 Update

FAST Track Project Technical Report Cari McCarty & Suzanne Doyle December 2000

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Citation

Instrument

Conduct Problems Prevention Research Group. (1994). Post-Intervention Ratings of Child and Parent Change (Gr. 4+). [On-line]. Available: <http://www.fasttrackproject.org>

Report

McCarty, C.A. & Doyle, S.R. (2000). Post-Intervention Ratings of Child and Parent Change (Gr. 4+). (Technical Report) [On-line]. Available: <http://www.fasttrackproject.org>

Data Sources

Raw: p6t

Scored: pir6

I. Scale Description

The Post-Intervention Ratings of Child and Parent Change (Grade 4+) is a 25-item instrument that measures parent's perceptions of change of their own behavior and of their child's behavior. In the first 9 items, the parent is asked to rate the degree of behavior change of the target child, using a -3 to +3 scale (much worse, somewhat worse, a little worse, no change, a little improved, somewhat improved, much improved). In the following 16 items, the parent is asked to rate the change of his/her own behavior towards the target child, using the same -3 to +3 scale.

II. Report Sample

This technical report is based upon Year 6, Cohort 1 data, including both High-Risk Control and Normative samples. With missing cases excluded, the total N (including overlap) was 406, with 337 normative and 140 high-risk control youth.

Parents of 57 youth (12% of cohort) were missing observations for the entire measure, including parents of 50 Normative youth (13%) and parents of 15 High-Risk Control youth (10%). The missing cases included 8 parents from the Durham site, 13 parents from Nashville, 16 parents from Pennsylvania, and 20 parents from Seattle. Data were missing for 24 girls and 33 boys. Ethnic breakdown for missing data was: 1 Asian, 19 Black, 1 Hispanic, 31 White, and 5 Other. In addition, 2 cases were missing responses for individual ratings.

III. Scaling

Scaling was derived from the Technical Report generated on Grade 4 data. Each scale score was calculated by taking an average of the items comprising the scale. None of the observations were missing 50% or more data. The resulting scales, items that compose them, and internal consistencies (Cronbach's coefficient Alpha) are provided below.

	<u>Normative (n=337)</u>	<u>HRC (n =140)</u>
Child Behavior Change (Child Items 1-9)	.88	.87
Parent Behavior Change (Parent Items 1, 2, 5 –16)	.94	.93
Parent Social Cognition (Parent Items 3 & 4)	.68	.68

IV. Differences Between Groups

A series of independent t-tests were conducted to assess differences between the Low Risk respondents (Normative sample excluding the overlapping High Risk Subjects, n = 266) and the High Risk Control sample (including 71 overlapping Normative youth, n = 140). Results indicated that the High Risk Control respondents had significantly higher scores on Parent Behavior Change and Parent Social Cognition scales (indicating more positive change) than did the Low Risk respondents.

<u>PIRC Scale</u>	<u>DF</u>	<u>t Value</u>	<u>Pr > t </u>	<u>Low-Risk Mean (n=266)</u>	<u>High-Risk Mean (n=140)</u>
Child Behavior Change	404	-1.09	0.28	1.18	1.28
Parent Behavior Change	404	-1.74	0.08	1.20	1.37
Parent Social Cognition	404	-2.04	0.04	0.97	1.21

V. Item and Scale Means and SD's

Post-Intervention Ratings of Change Items - Normative Sample

<u>Variable</u>	<u>Label</u>	<u>Mean</u>	<u>Std Dev</u>	<u>N</u>
P6TCH1	Your Child's Self-Esteem	1.398	1.280	337
P6TCH2	TC's Ability to Get Along w/oth Children	1.228	1.281	337
P6TCH3	TC's Ability to Get Along w/ Adults	1.297	1.319	337
P6TCH4	Your Child's Ability to Follow Rules	1.113	1.345	337
P6TCH5	Your Child's Self-Reliance	1.449	1.158	336
P6TCH6	Your Child's Ability to Read	1.706	1.198	337
P6TCH7	TC's Willingness to Follow Instructions	1.220	1.329	337
P6TCH8	TC's Ability to Stop or Calm Down	0.926	1.186	336
P6TCH9	How Much TC Fights w/ Other Children	0.513	1.124	337
P6TPA1	Your Ability to Increase TC's Pos/Behav.	1.371	1.103	337
P6TPA2	Your Ability to Decrease TC's Neg/Behav.	1.151	1.090	337
P6TPA3	Your Satisfaction w/being Parent to TC	1.386	1.323	337
P6TPA4	Difficulty in Parenting Your Child	0.650	1.228	337
P6TPA5	Your Ability to Stop/Calm Down wh. Upset	1.089	1.167	337
P6TPA6	Amount of Yelling at Your Child	0.905	1.179	337
P6TPA7	Amount of Praise You Give Your Child	1.460	1.192	337
P6TPA8	Your Ability to Clearly State Yr. Wishes	1.318	1.187	337
P6TPA9	Your Ability to Follow Through w/Inst'ns	1.205	1.189	337
P6TPA10	Your Ability to Punish Child Effectively	1.012	1.197	336
P6TPA11	How Well You & TC Get Along w/Each Other	1.326	1.369	337

P6TPA12	Abil to Communicate Generally w/Child	1.417	1.229	336
P6TPA13	Abil to Communicate abt Child's Friends	1.234	1.220	337
P6TPA14	Abil to Communicate abt School w/Child	1.341	1.284	337
P6TPA15	Abil to Communicate abt Sensitive Issues	1.404	1.306	337
P6TPA16	Abil to Effectively Supervise Child	1.160	1.382	337

Post-Intervention Ratings of Change Items - High-Risk Control Sample

Variable	Label	Mean	Std Dev	N
P6TCH1	Your Child's Self-Esteem	1.379	1.147	140
P6TCH2	TC's Ability to Get Along w/oth Children	1.443	1.088	140
P6TCH3	TC's Ability to Get Along w/ Adults	1.450	1.165	140
P6TCH4	Your Child's Ability to Follow Rules	1.164	1.284	140
P6TCH5	Your Child's Self-Reliance	1.443	1.114	140
P6TCH6	Your Child's Ability to Read	1.786	1.117	140
P6TCH7	TC's Willingness to Follow Instructions	1.229	1.343	140
P6TCH8	TC's Ability to Stop or Calm Down	0.849	1.191	139
P6TCH9	How Much TC Fights w/ Other Children	0.793	1.190	140
P6TPA1	Your Ability to Increase TC's Pos/Behav.	1.414	0.967	140
P6TPA2	Your Ability to Decrease TC's Neg/Behav.	1.321	1.013	140
P6TPA3	Your Satisfaction w/being Parent to TC	1.579	1.241	140
P6TPA4	Difficulty in Parenting Your Child	0.836	1.167	140
P6TPA5	Your Ability to Stop/Calm Down wh. Upset	1.200	1.146	140
P6TPA6	Amount of Yelling at Your Child	1.164	1.154	140
P6TPA7	Amount of Praise You Give Your Child	1.693	1.144	140
P6TPA8	Your Ability to Clearly State Yr. Wishes	1.564	1.177	140
P6TPA9	Your Ability to Follow Through w/Inst'ns	1.371	1.165	140
P6TPA10	Your Ability to Punish Child Effectively	1.107	1.210	140
P6TPA11	How Well You & TC Get Along w/Each Other	1.486	1.272	140
P6TPA12	Abil to Communicate Generally w/Child	1.507	1.166	140
P6TPA13	Abil to Communicate abt Child's Friends	1.279	1.151	140
P6TPA14	Abil to Communicate abt School w/Child	1.471	1.184	140
P6TPA15	Abil to Communicate abt Sensitive Issues	1.286	1.316	140
P6TPA16	Abil to Effectively Supervise Child	1.279	1.264	140

Scale Means

Scale	Normative Sample (n=337)		High Risk Control (n=140)	
	Mean	SD	Mean	SD
Child Behavior Change	1.21	0.900	1.28	.821
Parent Behavior Change	1.24	0.923	1.37	.836
Parent Social Cognition	1.02	1.110	1.21	1.05

VI. Scale Correlations

Pearson Correlation Coefficients, Normative Sample above Diagonal (n=337), High Risk Controls below diagonal (n=140).

	CBC	PBC	PSC
Child Behavior Change	1.00	0.72	0.62
Parent Behavior Change	0.64	1.00	0.74
Parent Social Cognition	0.54	0.74	1.00