

Post-Visit Reaction Inventory—Child Interviewer Version

Grade 12/Year 13

Fast Track Project Technical Report

Jennifer Godwin

April 12, 2004

Table of Contents

- I. Scale Description
- II. Report Sample
- III. Scaling
- IV. Differences Between Groups
- V. Recommendations for Use
- VI. Item and Scale Means and SDs
- VII. Item and Scale Correlations

Citation

Instrument

Conduct Problems Prevention Research Group (CPPRG). (1990). *Post-Visit Reaction Inventory* [On-line]. Available: <http://www.fasttrackproject.org/>

Report

Rains, C. (2003). *Post-Visit Reaction Inventory* (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org/>

Data Sources

Raw: O12D

Scored: PVIC12

I. Scale Description

The Post-Visit Reaction Inventory originally was a 60-item checklist that was completed by interviewers within 24 hours after each visit. It was developed to provide staff ratings of the family's physical environment, the child's behavior toward the parent during the visit, the mother's and father's behavior toward the child during the visit, parental behavior toward the visitors and probable validity of the data, and the child's and parents' apparent need for intervention. Parent interviewers completed this same measure (see separate technical reports for more detailed information).

During years one and two of the study, the full measure was completed by the child interviewer as well as by the parent interviewer. Starting in year 3, a modified version of the measure was completed by child interviewers. This modified version consisted of only 5 questions (see technical reports for more details). In Year 13, the measure for the child interviewer consisted of only 4 questions.

II. Report Sample

These exploratory analyses were conducted on the first cohort on the control sample (n = 155) and the normative sample (n = 387, 463 with overlap) from the thirteenth year of the study. Overall, 120 records were missing the complete measure. Fifty-two records were missing from the control sample (8 from Durham, 19 from Nashville, 11 from Pennsylvania, and 14 from Washington) and 103 records were missing from the normative sample (16 from Durham, 41 from Nashville, 19 from Pennsylvania, and 27 from Washington). These numbers may reflect some overlap between the two samples.

III. Scaling

In Year 13 of this study, the measure for the child interviewers consists of only 5 items: item 51--how receptive the child was toward the visitors, item 53--the level of validity for the visit, item 55--whether the child appeared to need academic interventions, item 56--whether the child appeared to need behavioral interventions, and item 57--whether the child appeared to need social skills interventions.

Item 51 is measured on a scale of 0=can't rate, 1=hostile, 2=withdrawn, 3=average, and 4=very well behaved. Item 53 is measured on a scale of 0=can't rate, 1=probably valid, 2=child responses possibly valid, 3=parent responses possibly invalid, and 4=definitely reasons to doubt validity. Items 55-57 are measured as follows: 0=can't rate, 1=not at all, 2=probably not, 3=probably yes, and 4=definitely yes.

For any item whose choices included "Can't rate" as a response, these responses were converted to missing for the purpose of analysis.

IV. Differences Between Groups

A series of t-tests between the high-risk control sample and the normative sample (including the overlap) indicated significant differences for two items: whether the child needs academic intervention (O13DRV3) and whether the child needs behavioral intervention (O13DRV4). In both cases, the mean for the control sample exceeds the mean for the normative sample.

Comparison of Means for Normative and Control for Continuous Scales and Items								
Variable	Label	Normative		Control		DF	t Value	Pr > t
		Mean	Std Dev	Mean	Std Dev			
O13Drv1	TCs Receptivity Toward Visitors	3.64	0.53	3.55	0.64	160	-1.26	0.2085
O13Drv2	Doubt Validity of Interview and Visit	1.36	0.69	1.45	0.79	326	1.06	0.2879
O13Drv3	Does Child Need Academic Intervention	1.59	0.91	1.85	1.01	310	2.23	0.0262
O13Drv4	Does Child Need Behavioral Intervention	1.49	0.80	1.72	0.97	153	2.02	0.0446
O13Drv5	Does Child Need Social Skills Intervention	1.44	0.68	1.56	0.78	320	1.35	0.1772

V. Recommendations for Use

This measure was specifically designed for the gathering of general data for use with the Fast Track project. It was not meant for widespread use.

VI. Item and Subscale Means and SDs

Descriptive Statistics - Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
O13Drv1	TCs Receptivity Toward Visitors	275	3.62	0.56	2.00	4.00
O13Drv2	Doubt Validity of Interview and Visit	271	1.38	0.71	1.00	4.00
O13Drv3	Does Child Need Academic Intervention	259	1.65	0.95	1.00	4.00
O13Drv4	Does Child Need Behavioral Intervention	266	1.52	0.83	1.00	4.00
O13Drv5	Does Child Need Social Skills Intervention	268	1.45	0.68	1.00	4.00

Descriptive Statistics - High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
O13Drv1	TCs Receptivity Toward Visitors	100	3.55	0.64	2.00	4.00
O13Drv2	Doubt Validity of Interview and Visit	98	1.45	0.79	1.00	4.00
O13Drv3	Does Child Need Academic Intervention	93	1.85	1.01	1.00	4.00
O13Drv4	Does Child Need Behavioral Intervention	96	1.72	0.97	1.00	4.00
O13Drv5	Does Child Need Social Skills Intervention	95	1.56	0.78	1.00	4.00

VI. Item and Scale Correlations

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	O13Drv1	O13Drv2	O13Drv3	O13Drv4	O13Drv5
O13Drv1 TCs Receptivity Toward Visitors	1.000 332	-0.237 0.000 325	-0.311 0.000 308	-0.350 0.000 316	-0.425 0.000 318
O13Drv2 Doubt Validity of Interview and Visit	-0.237 0.000 325	1.000 328	0.247 0.000 309	0.241 0.000 317	0.276 0.000 318
O13Drv3 Does Child Need Academic Intervention	-0.311 0.000 308	0.247 0.000 309	1.000 312	0.657 0.000 308	0.693 0.000 306
O13Drv4 Does Child Need Behavioral Intervention	-0.350 0.000 316	0.241 0.000 317	0.657 0.000 308	1.000 320	0.803 0.000 317
O13Drv5 Does Child Need Social Skills Intervention	-0.425 0.000 318	0.276 0.000 318	0.693 0.000 306	0.803 0.000 317	1.000 322