

## **Post-Visit Reaction Inventory—Child Interviewer Version**

Grade 7/Year 8

Fast Track Project Technical Report

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### **Citation**

#### *Instrument*

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

#### *Report*

Rains, C. (2002). *Post-Visit Reaction Inventory* (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org/>

### **Data Sources**

*Raw:* O8D

*Scored:* PVIC8

## **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).

## **II. Report Sample**

These analyses were conducted on the first cohort on the control sample (n = 155) and the normative sample (n = 387, 463 with overlap) from the eighth year of the study. Eighty records were missing the complete measure. Twenty-five records were missing from the control sample (5 from Durham, 7 from Nashville, 6 from Pennsylvania, and 7 from Washington) and 70 records were missing from the normative sample (13 from Durham, 23 from Nashville, 14 from Pennsylvania, and 20 from Washington). These numbers may reflect some overlap between the two samples.

### III. Scaling

For years 8 and on of the 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 (excluding the overlap) indicated significant differences for two of the items: whether the child needs behavioral intervention (O8DRV4) and whether the child needs social skills intervention (O8DRV5). In addition, one item revealed that the mean for the normative sample was greater than the mean for the control sample. This was O8DRV1, how receptive the child was toward the visitors.

Post-Visit Inventory—Items: Normative vs. Control

Variable	Normative Sample		Control Sample		DF	t Value	Pr >  t
	Mean	Std Dev	Mean	Std Dev			
O8DRV1	3.47	0.79	3.35	0.74	381	-1.53	0.1276
O8DRV2	1.13	0.54	1.18	0.56	381	0.79	0.4307
O8DRV3	1.30	1.01	1.53	1.25	381	1.91	0.0564
O8DRV4	1.44	0.76	1.76	0.99	381	3.48	0.0006
O8DRV5	1.47	0.90	1.85	1.03	381	3.65	0.0003

### 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**

Post-Visit Reaction Inventory—Child Interviewer Items Year 8 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
O8DRV1	TC's Receptivity Toward Visitors	317	3.4290221	0.8067221	0	4.0000000
O8DRV2	Doubt Validity of Interview and Visit	317	1.1324921	0.5290167	0	4.0000000
O8DRV3	Does Child Need Academic Intervention	317	1.3722397	1.0733771	0	4.0000000
O8DRV4	Does Child Need Behavioral Intervention	317	1.5173502	0.8057440	0	4.0000000
O8DRV5	Does Child Need Social Skills Intervention	317	1.5552050	0.9316582	0	4.0000000

Post-Visit Reaction Inventory—Child Interviewer Items Year 8 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
O8DRV1	TC's Receptivity Toward Visitors	130	3.3461538	0.7440882	0	4.0000000
O8DRV2	Doubt Validity of Interview and Visit	130	1.1769231	0.5632875	0	4.0000000
O8DRV3	Does Child Need Academic Intervention	130	1.5307692	1.2525228	0	4.0000000
O8DRV4	Does Child Need Behavioral Intervention	130	1.7615385	0.9945888	0	4.0000000
O8DRV5	Does Child Need Social Skills Intervention	130	1.8461538	1.0302520	0	4.0000000

**VI. Item and Scale Correlations**

Post-Visit Reaction Inventory—Child Interviewer Items Year 8 Report Sample

Pearson Correlation Coefficients, N = 383 Prob >  r  under H0: Rho=0					
	O8DRV1	O8DRV2	O8DRV3	O8DRV4	O8DRV5
<b>O8DRV1</b> TC's Receptivity Toward Visitors	1.00000	0.07925 0.1216	-0.14017 0.0060	-0.31592 <.0001	-0.33285 <.0001
<b>O8DRV2</b> Doubt Validity of Interview and Visit	0.07925 0.1216	1.00000	0.14235 0.0053	0.09002 0.0785	0.15176 0.0029
<b>O8DRV3</b> Does Child Need Academic Intervention	-0.14017 0.0060	0.14235 0.0053	1.00000	0.45515 <.0001	0.41980 <.0001
<b>O8DRV4</b> Does Child Need Behavioral Intervention	-0.31592 <.0001	0.09002 0.0785	0.45515 <.0001	1.00000	0.62863 <.0001
<b>O8DRV5</b> Does Child Need Social Skills Intervention	-0.33285 <.0001	0.15176 0.0029	0.41980 <.0001	0.62863 <.0001	1.00000