Parent-Child Communication-Parent
Grade 4/Year 5

FAST Track Project Technical Report *Addendum*
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Citation

Instrument
    Conduct Problems Prevention Research Group. (1994). Parent-Child Communication-Parent.

Report
    McCarty, C.A. & Doyle, S.R. (2001). Parent-Child Communication-Parent (Technical Report) [On-line]. Available: http://www.fasttrackproject.org/

Data Sources

Raw: p5x

Scored: pcp5

I.   **Scale Description**

The **Parent-Child Communication Scale, Parent Report**, adapted from the Revised Parent-Adolescent Communication Form of the Pittsburgh Youth Study (see Thornberry, Huizinga, & Loeber, 1995; Loeber, Farrington, Stouthamer-Loeber, & Van Kammen, 1998), is a 20-item measure which assesses primary caregivers' perceptions of their openness to communication and their children's communication skills. The answers are coded 5-point scales where 1 represents "almost never" and 5 represents "almost always."

Note: The scaling for this measure has changed since the original Fast Track Technical Report was written by McMahon, Jones, & Kim (1997).

II.   **Scaling Results**
This addendum is based upon Year 5, Cohort 1 data, including both High-Risk Control and Normative samples.

Primary scales for this measure were created using information from exploratory factor analyses (EFAs) using an Alpha extraction and varimax rotation. Separate analyses were conducted on the Child items (2, 3, 5, 10, 11, 12, 15, 16) and the Parent Items (1, 4, 6, 7, 9, 13, 17, and 20). Items 8, 14, 18, and 19 were excluded from the factor analyses because preliminary EFAs and examination of alpha coefficients suggested that they were not consistent with the other items.

The number of factors retained was derived by considering the magnitude of the eigenvalues, the proportion of variance extracted, communality estimates, item content, and interpretability of the resulting factors. The items used in each scale were determined by their factor loadings and conceptual consistency with other items.
1. Parent Items.

The results for the Parent Items indicated two factors. For the Normative sample (n=349), the initial eigenvalues were 7.67 and 3.12. Communality estimates ranged from .31 to .49, with an average of .39. Alpha coefficients prior to rotation were .95 and .61.

In the High Risk Control Sample (n=141), the eigenvalues of the retained factors were 7.40 and 3.91. Communality estimates ranged from .18 to .41, averaging .32. Alpha coefficients prior to the rotation were .93 and .71.

Results of Exploratory Factor Analyses, Factor Loadings by Sample

	Normative Sample (n=349)		High Risk Control (n= 141)	
Factor 1 – Parent Communication				
P5XC1 Can discuss beliefs without embarrass	**0.4937**	-0.3367	**0.4629**	-0.3666
P5XC4 Parent satisfied with communication	**0.6028**	-0.0261	**0.5828**	0.0638
P5XC7 Discuss childs problems with child	**0.4927**	0.0830	**0.4147**	0.0949
P5XC9 Can tell child how parent really feels	**0.6291**	-0.3059	**0.5624**	-0.3096
P5XC13 Encourage child to form own opinion	**0.5519**	-0.0898	**0.4757**	-0.2467
P5XC20 Achieve solutions in discussions	**0.5706**	-0.0700	**0.5259**	0.0500
Factor 2 – Restricted Topics				
P5XC6 Avoid discussing things with child	-0.0855	**0.6043**	-0.0124	**0.6055**
P5XC17 Does not allow discuss of certain topics	-0.0086	**0.6163**	0.0441	**0.5813**

2. Child Items
The results for the Child Items indicated two factors. For the Normative sample (n=349), the initial eigenvalues were 7.05 and 2.92. Communality estimates ranged from .28 to .67, with an average of .39. Alpha coefficients prior to rotation were .94 and .66.

In the High Risk Control Sample (n=140), the eigenvalues of the retained factors were 7.06 and 2.53. Communality estimates ranged from .20 to .50, averaging .35. Alpha coefficients prior to the rotation were .95 and .61.

Results of Exploratory Factor Analyses, Factor Loadings by Sample

	Normative Sample (n=349)		High Risk Control (n= 140)	
Factor 1 – Child Empathy				
P5XC2 Child is good listener	**0.5840**	-0.0613	-0.1044	**0.6012**
P5XC3 Child is empathic	**0.5271**	-0.0551	-0.1235	**0.5633**
P5XC5 Child tries to understand parents view	**0.6925**	-0.0300	-0.0355	**0.6186**
Factor 2 – Child Emotional Expressiveness				
P5XC10 Child talks about personal problems	0.5205	**0.3827**	**-0.2273**	0.4545
P5XC11 Child keeps feelings to self	-0.1373	**0.8096**	**0.6574**	-0.1370
P5XC12 Child hides anger	-0.0705	**0.4486**	**0.5529**	-0.1051
P5XC15 Child piles up probs til overwhelming	-0.0409	**0.6363**	**0.7015**	-0.0842
P5XC16 Child tells parent what bothers child	0.4357	**-0.3666**	**-0.3337**	0.2939