Parenting-Primary Caregiver
Grade 4/Year 5

FAST Track Project Technical Report *Addendum*
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June 2001

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Citation

Instrument
   Conduct Problems Prevention Research Group. (1994). Parenting (Primary Caregiver).

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

Data Sources

Raw: p5x

Scored: ppc5

I.   **Scale Description**

Parenting-Primary Caregiver incorporates two scales, the Parental Discipline Scale (first 8 items) and Parent Praise (last 9 items). The Parental Discipline Scale is a revised version of the Discipline Scale developed for the Pittsburgh Youth Study (Thornberry, Huizinga, & Loeber, 1995). This 8-item scale provides parent-report of the frequency of 8 different disciplinary strategies for the infraction of family rules. The Parent Praise scale is drawn from the Positive Parenting Scale of the Pittsburgh Youth Study (Thornberry et al., 1995). This 9-item scale provides a parent report on the frequency with which parents provide positive praise and support when their children do something that they like or approve of. All items are rated on a 5-point scale ranging from 1 (almost never) to 5 (almost always).

II.   **Scaling Results**

This addendum is based upon Year 5, Cohort 1, Normative sample data without any missing items (n=348). Primary scales for the Parenting (Primary Caregiver) measure were created using information from exploratory factor analyses using an Alpha extraction with a varimax rotation. Separate analyses were conducted on the items pertaining to Discipline (Items 1-4, 6-8) and those pertaining to Parent Praise (Items 10 – 16). Item 5 was excluded from the Discipline factor analysis and Items 9 and 17 were excluded from the Parent Praise factor analysis 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, scree plots, 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. Discipline Items.

The results for the Discipline items indicated two interpretable factors. Item 5 was not included in either of the factors. For the Normative sample (n= 345), the eigenvalues were 5.93 and 3.42. Communality estimates ranged from .09 to .50, with an average of .29. Alpha coefficients prior to the rotation were .90 and .73, respectively.

In the High Risk Control Sample (n=140), the eigenvalues for the two factors were 5.73 and 3.91. Communality estimates for retained items ranged from .09 to .70, averaging .28. Alpha coefficients prior to the rotation were .88 and .77, respectively.

	Normative Sample (n=345)		High Risk Control (n= 140)	
Factor 1 – Harsh Discipline				
P5XP3 Yell or Scold	**0.4528**	-0.1780	-0.0154	**0.3917**
P5XP6 Spank	**0.5724**	0.0420	0.1456	**0.5204**
P5XP7 Slap or hit	**0.6093**	-0.2071	-0.0380	**0.5563**
P5XP8 Lock out of home	**0.2983**	-0.0575	-0.0613	**0.2869**
Factor 2 – Appropriate Discipline				
P5XP1 Take Away Privilege	0.3091	**0.6378**	**0.8393**	0.0020
P5XP2 Send to Room/Time Out	0.3611	**0.4062**	**0.4693**	0.1069
P5XP4 Calmly discuss behavior	-0.0549	**0.4117**	**0.4172**	-0.1496

2. Parent Praise Items

The results for the Parent Praise Items indicated two factors, which naturally emerged from both the Normative and High Risk Control sample data. For the Normative sample (n=349), the eigenvalues were 6.52 and 1.77. Communality estimates ranged from .31 to .63, with an average of .53. Alpha coefficients prior to the rotation were .95 and .44, respectively.

In the High Risk Control Sample (n=140), the eigenvalues for the two factors were 6.52 and 2.13. Communality estimates ranged from .21 to .76, averaging .46. Alpha coefficients prior to the rotation were .94 and .52, respectively.

Results of Exploratory Factor Analyses, Factor Loadings by Sample

		Normative Sample (n=349)		High Risk Control (n= 141)	
Factor 1 – Positive Attention					
C5QP10	Smile or wink	**0.6724**	0.0827	**0.6725**	0.0987
C5QP11	Praise	**0.7637**	0.1608	**0.7689**	0.1201
C5QP12	Physical affection	**0.7208**	0.2745	**0.5588**	0.1709
C5QP16	Tell someone	**0.4446**	0.3317	**0.4375**	0.1168
Factor 2 – Tangible Rewards					
C5QP13	Reward	0.1516	**0.7816**	0.0764	**0.8661**
C5QP14	Give special privilege	0.1274	**0.7721**	0.1404	**0.7046**
C5QP15	Do something special	0.3340	**0.6431**	0.3312	**0.4804**