

Parent Daily Report: PDR – Child Behavior Items

Grade 11/Year 12

Fast Track Project Technical Report

Cynthia Rains

April 7, 2003

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 SD's
- VII. Item and Scale Correlations

Appendix

SAS scoring program

Citation

Instrument

Chamberlain, P. & Reid, J. B. (1987). Parent observation and report of child symptoms. Behavioral Assessment, 9, 97-109.

Reports

Rains, C. (2002). *Parent Daily Report: PDR—Child Behavior Items* (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org>

Hurley, S.M. (2000). *Parent Daily Report – Child Behavior Items* (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org>

Karns, A. (1997). Psychometric Properties of the Parent Daily Report: PDR – Child Behavior Items.

Data Sources

Raw: P12K

Scored: PDR12

I. Scale Description

The PDR is a 30-item checklist of behavior problems developed at the Oregon Social Learning Center. Parents are asked to indicate the presence of each behavior problem (did or did not occur) during the past 24 hours. The first administration of the PDR took place during the summer interview with parents. Then, parents received several follow-up telephone calls from interview staff during the two weeks following the summer interview. During the first year of the project, four follow-up telephone calls were made to parents. After initial analyses suggested that it required only three reports to get a reliable estimate of child behavior problems, the number of follow-up telephone calls was reduced to two (in addition to one administration at the time of the interview). For all of the following analyses, parent's reports of their child's behavior were averaged across the first three administrations of the PDR.

Finally, for years 9, 10, and 11, this measure underwent some revisions and a number of the items were updated. From year 9 on, there were 37 items in the PDR. Items PxKP1-5 were dropped entirely from the measure. New items included whether the child ate a meal with the parent (PxK8), how many hours the child had spent at home without an adult present (PxK9), whether the parent had talked with the child's friends' parents (PxK13), whether the child had used tobacco (PxK33), alcohol (PxK34), or drugs (PxK35), whether the child had participated in any positive social activities (PxK43), and how accurate the interviewer thought that the information was (PxK44). Several items were similar to the original version of the measure, such as whether the child had eating problems (now item PxK41) or whether the child seemed hyperactive (now item PxK42).

In year 12, this measure was again modified to drop 8 items, 8 through 15. These items included whether the child ate a meal with the parent (PxK8), how many hours the child had spent at home without an adult present (PxK9), and whether the parent had talked with the child's friends' parents (PxK13).

II. Report Sample

These exploratory analyses were conducted with the first cohort on the control sample ($n=155$) and on the normative sample ($n=387$ including overlap, total $N=463$) from the twelfth year of the study. 127 records were missing responses for the entire measure. 49 were from the control sample (5 from Durham, 18 from Nashville, 12 from Pennsylvania, and 14 from Washington) and 109 were from the normative sample (14 from Durham, 42 from Nashville, 22 from Pennsylvania, and 31 from Washington). Some of these may represent overlap between samples.

III. Scaling

When this measure was computerized in year 9, the measure's response options as to whether a behavior had occurred changed such that 0 = no and 1 = yes. Thus, the reversal of the items in the scoring program, as done in previous years, was dropped, except for item 29 (purposefully destroys property). This item continued to be reverse-scored.

Due to the changes in the measure in year 9, the subscales were revised. For all of the subscales, a score approaching 1.0 would still be considered a high score. The *Oppositional and Aggressive* subscale was modified to include items MPxK16-MPxK18, MPxK20, MPxK22, and MPxK25-MPxK27. These items included talks back to an adult, screams, swears at someone, physically fights with anyone, teases anyone, lies, takes something that does not belong to them, and disobeys parent.

Three new subscales for years 9+ were *Prosocial*, *Internalizing*, and *Substance Abuse*. *Prosocial* includes 7 items: MPxK19 (talks respectfully to an adult), MPxK21 (completes a household chore), MPxK24 (shows respect for family), MPxK28 (follows family rules at home), MPxK29r (purposefully destroys property), MPxK31 (volunteers to help with family chore), and MPxK39 (talks about his/her activities). *Internalizing* includes 5 items: MPxK36 (shows signs of sadness/depression), MPxK37 (acts shy), MPxK38 (shows signs of anxiety), MPxK40 (has sleeping problems), and MPxK41 (has eating problems). *Substance Abuse* is made up of 3 items: MPxK33 (uses tobacco), MPxK34 (uses alcohol), and MPxK35 (uses drugs).

Cronbach's alphas were calculated for each subscale and are shown in the table below:

Subscales	Cronbach's Alpha	
	Control Sample	Normative Sample
Oppositional and Aggressive (PDR12OAG)	.71	.63
Prosocial (PDR12PRO)	.70	.58
Internalizing (PDR12INT)	.71	.48
Substance Abuse (PDR12SUB)	.20	.25

The reliability coefficients for internal consistency were adequate for the control samples for several subscales, *Oppositional and Aggressive*, *Prosocial*, and *Internalizing*. The *Substance Abuse* subscale showed a low level of internal consistency.

IV. Differences Between Groups

A series of t-tests comparing the high-risk control sample and the normative sample (including the overlap) indicated significant differences for three of the subscales. These were the *Oppositional and Aggressive* subscale, the *Internalizing* subscale, and the *Substance Abuse* subscale. The *Prosocial* subscale indicated that the mean for the normative sample was greater than the mean for the control sample.

Three items not included in any of the subscales also indicated significant differences between the normative and control samples. These were the child hits brothers/sisters (MP12K23), the child seems hyperactive (MP12K42), and whether the interviewer thought the information was accurate (MP12K44).

Parent Daily Report--Subscales

Variable	Normative Sample		Control Sample		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
Oppositional and Aggressive (PDR12OAG)	0.07	0.09	0.13	0.14	334	5.25	<.0001
Prosocial (PDR12PRO)	0.84	0.12	0.82	0.16	334	-1.41	0.1593
Internalizing (PDR12INT)	0.02	0.06	0.04	0.11	334	2.28	0.0230
Substance Abuse (PDR12SUB)	0.04	0.11	0.09	0.15	334	3.42	0.0007

Parent Daily Report--Items

Variable	Normative Sample		Control Sample		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
Hits brothers/sisters (MP12K23)	0.05	0.15	0.09	0.19	331	2.14	0.0327
Acts jealous/demands attention (MP12K30)	0.03	0.11	0.05	0.14	334	1.36	0.1750
Spends unsupervised time w/peers (MP12K32)	0.57	0.37	0.52	0.40	334	-1.22	0.2249
Seems hyperactive (MP12K42)	0.02	0.11	0.10	0.25	334	4.21	<.0001
Participates in positive social activities (MP12K43)	0.55	0.38	0.48	0.38	334	-1.45	0.1489
Accuracy of information (MP12K44)	4.24	0.60	4.08	0.58	334	-2.38	0.0179

V. Recommendations for Use

Analysts should note that analyses were not run for two of the items, MP12K6 and MP12K7. Item MP12K6 refers to the number or occasion of the Parent Daily Report (i.e. 1st, 2nd, 3rd) and item MP12K7 refers to the date of the interview.

Analysts should note that one subscale, *Prosocial*, was fairly normally distributed for the normative sample only. The *Prosocial* subscale was negatively skewed for the control sample. In addition, the other three subscales showed floor effects. The *Oppositional and Aggressive* subscale for the normative sample had 83% of the responses ranged between 0 and 0.13. For the *Internalizing* subscale, 77% of the normative sample and 71% of the control sample had responses of zero. Finally, for the *Substance Abuse* subscale, 81% of the normative sample and 68% of the control sample had responses of zero. For all of these subscales, a score of zero was the lowest possible score.

The low internal consistency coefficients for certain subscales are not necessarily worrisome. A scale based on a checklist format does not have the same psychometric qualities as a scale based on a common factor model, and a low coefficient alpha is especially likely for measures of low-frequency events (such as substance use).

VI. Item and Scale Means and SD's

Parent Daily Report Items Year 12 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP12K16	16. Talks back to adult	278	0.1157074	0.2136091	0	1.0000000
MP12K17	17. Screams/yells	278	0.1133094	0.2345309	0	1.0000000
MP12K18	18. Swears at anyone	278	0.0455635	0.1661312	0	1.0000000
MP12K19	19. Talks respectfully to an adult	278	0.9724221	0.0919921	0.6666667	1.0000000
MP12K20	20. Physically fights w/anyone	278	0.0089928	0.0568164	0	0.5000000
MP12K21	21. Completes a household chore	278	0.7913669	0.2978015	0	1.0000000
MP12K22	22. Teases anyone	278	0.2146283	0.3149215	0	1.0000000
MP12K23	23. Hits brothers/sisters	276	0.0525362	0.1496042	0	1.0000000
MP12K24	24. Shows respect for family	278	0.9592326	0.1295519	0	1.0000000
MP12K25	25. Lies	278	0.0395683	0.1424426	0	1.0000000
MP12K26	26. Takes something that did not belong to tc	278	0.0131894	0.0815138	0	1.0000000
MP12K27	27. Disobeys parent	278	0.0665468	0.1713189	0	1.0000000
MP12K28	28. Follows family rules at home	278	0.9112710	0.1985731	0	1.0000000
MP12K29r	29. Purposefully destroys property	278	0.9952038	0.0397669	0.6666667	1.0000000
MP12K30	30. Acts jealous/demands attention	278	0.0359712	0.1180851	0	0.6666667
MP12K31	31. Volunteers to help w/family chore	278	0.4544365	0.4096244	0	1.0000000
MP12K32	32. Spends unsupervised time w/peers	278	0.5641487	0.3794533	0	1.0000000
MP12K33	33. Uses tobacco	278	0.1414868	0.3241290	0	1.0000000
MP12K34	34. Uses alcohol	278	0.0101918	0.0663957	0	0.6666667
MP12K35	35. Uses drugs	278	0.0083933	0.0658912	0	0.6666667
MP12K36	36. Shows signs of sadness/depression	278	0.0503597	0.1546896	0	1.0000000
MP12K37	37. Acts shy/withdrawn	278	0.0155875	0.0810879	0	0.6666667
MP12K38	38. Shows signs of fearfulness/anxiety	278	0.0335731	0.1285231	0	1.0000000
MP12K39	39. Talks about his/her activities	278	0.7919664	0.3023962	0	1.0000000
MP12K40	40. Has sleeping problems	278	0.0179856	0.1063387	0	1.0000000
MP12K41	41. Has eating problems	278	0.0131894	0.0709930	0	0.6666667
MP12K42	42. Seems hyperactive	278	0.0287770	0.1415178	0	1.0000000
MP12K43	43. Participates in positive social activities	278	0.5383693	0.3848914	0	1.0000000
MP12K44	44. Accuracy of information	278	4.2158273	0.5961345	1.6666667	5.0000000

Parent Daily Report Subscales Year 12 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR12PRO	Prosocial - PDR Y12	278	0.8394142	0.1297877	0.2857143	1.0000000
PDR12OAG	Oppositional+Aggressive - PDR Y12	278	0.0771882	0.1002952	0	0.6666667
PDR12INT	Internalizing - PDR Y12	278	0.0261391	0.0641226	0	0.4000000
PDR12SUB	Substance Abuse - PDR Y12	278	0.0533573	0.1233061	0	0.5555556

Parent Daily Report Items Year 12 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP12K16	16. Talks back to adult	106	0.1855346	0.2838890	0	1.0000000
MP12K17	17. Screams/yells	106	0.1823899	0.2765321	0	1.0000000
MP12K18	18. Swears at anyone	106	0.1226415	0.2491275	0	1.0000000
MP12K19	19. Talks respectfully to an adult	106	0.9433962	0.1558163	0	1.0000000
MP12K20	20. Physically fights w/anyone	106	0.0220126	0.0950507	0	0.6666667
MP12K21	21. Completes a household chore	106	0.7672956	0.3322835	0	1.0000000
MP12K22	22. Teases anyone	106	0.3364780	0.3862595	0	1.0000000
MP12K23	23. Hits brothers/sisters	104	0.0897436	0.1928091	0	1.0000000
MP12K24	24. Shows respect for family	106	0.9276730	0.1721616	0.3333333	1.0000000
MP12K25	25. Lies	106	0.0770440	0.1940579	0	1.0000000
MP12K26	26. Takes something that did not belong to c	106	0.0125786	0.0638207	0	0.3333333
MP12K27	27. Disobeys parent	106	0.1210692	0.2329169	0	1.0000000
MP12K28	28. Follows family rules at home	106	0.8710692	0.2415591	0	1.0000000
MP12K29r	29. Purposefully destroys property	106	0.9905660	0.0555406	0.6666667	1.0000000
MP12K30	30. Acts jealous/demands attention	106	0.0503145	0.1439610	0	1.0000000
MP12K31	31. Volunteers to help w/family chore	106	0.4905660	0.3962991	0	1.0000000
MP12K32	32. Spends unsupervised time w/peers	106	0.5157233	0.3987602	0	1.0000000
MP12K33	33. Uses tobacco	106	0.2547170	0.4077344	0	1.0000000
MP12K34	34. Uses alcohol	106	0.0094340	0.0555406	0	0.3333333
MP12K35	35. Uses drugs	106	0.0157233	0.0846040	0	0.6666667
MP12K36	36. Shows signs of sadness/depression	106	0.0754717	0.2122344	0	1.0000000
MP12K37	37. Acts shy/withdrawn	106	0.0188679	0.0900345	0	0.6666667
MP12K38	38. Shows signs of fearfulness/anxiety	106	0.0408805	0.1505041	0	1.0000000
MP12K39	39. Talks about his/her activities	106	0.7672956	0.2987445	0	1.0000000
MP12K40	40. Has sleeping problems	106	0.0503145	0.1940515	0	1.0000000
MP12K41	41. Has eating problems	106	0.0345912	0.1374695	0	1.0000000
MP12K42	42. Seems hyperactive	106	0.1037736	0.2492877	0	1.0000000
MP12K43	43. Participates in positive social activities	106	0.4842767	0.3825066	0	1.0000000
MP12K44	44. Accuracy of information	106	4.0786164	0.5756099	2.0000000	5.0000000

Parent Daily Report Subscales Year 12 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR12PRO	Prosocial - PDR Y12	106	0.8225517	0.1555972	0.1904762	1.0000000
PDR12OAG	Oppositional+Aggressive - PDR Y12	106	0.1324686	0.1398929	0	0.6666667
PDR12INT	Internalizing - PDR Y12	106	0.0440252	0.1103671	0	0.8666667
PDR12SUB	Substance Abuse - PDR Y12	106	0.0932914	0.1503567	0	0.5555556

VII. Item and Scale Correlations

Parent Daily Report Items Year 12 Report Sample

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP12K16	MP12K17	MP12K18	MP12K19	MP12K20	MP12K21	MP12K22	MP12K23
MP12K16 16. Talks back to adult	1.00000 336	0.34862 <.0001 336	0.37322 <.0001 336	-0.12112 0.0264 336	0.02164 0.6926 336	-0.18743 0.0006 336	0.19942 0.0002 336	0.01461 0.7905 333
MP12K17 17. Screams/yells	0.34862 <.0001 336	1.00000 336	0.40227 <.0001 336	-0.07942 0.1463 336	0.14472 0.0079 336	-0.00077 0.9887 336	0.29021 <.0001 336	0.22110 <.0001 333
MP12K18 18. Swears at anyone	0.37322 <.0001 336	0.40227 <.0001 336	1.00000 336	-0.05521 0.3130 336	0.19214 0.0004 336	-0.09207 0.0920 336	0.30116 <.0001 336	0.11621 0.0340 333
MP12K19 19. Talks respectfully to an adult	-0.12112 0.0264 336	-0.07942 0.1463 336	-0.05521 0.3130 336	1.00000 336	-0.08453 0.1220 336	0.18943 0.0005 336	-0.00503 0.9269 336	-0.13530 0.0135 333
MP12K20 20. Physically fights w/anyone	0.02164 0.6926 336	0.14472 0.0079 336	0.19214 0.0004 336	-0.08453 0.1220 336	1.00000 336	-0.08916 0.1028 336	0.14472 0.0079 336	0.12720 0.0202 333
MP12K21 21. Completes a household chore	-0.18743 0.0006 336	-0.00077 0.9887 336	-0.09207 0.0920 336	0.18943 0.0005 336	-0.08916 0.1028 336	1.00000 336	-0.03346 0.5411 336	-0.00401 0.9419 333
MP12K22 22. Teases anyone	0.19942 0.0002 336	0.29021 <.0001 336	0.30116 <.0001 336	-0.00503 0.9269 336	0.14472 0.0079 336	-0.03346 0.5411 336	1.00000 336	0.29391 <.0001 333
MP12K23 23. Hits brothers/sisters	0.01461 0.7905 333	0.22110 <.0001 333	0.11621 0.0340 333	-0.13530 0.0135 333	0.12720 0.0202 333	-0.00401 0.9419 333	0.29391 <.0001 333	1.00000 333
MP12K24 24. Shows respect for family	-0.08304 0.1288 336	-0.10925 0.0454 336	-0.10152 0.0631 336	0.32921 <.0001 336	-0.09732 0.0748 336	0.23033 <.0001 336	-0.07524 0.1688 336	-0.10513 0.0553 333
MP12K25 25. Lies	0.17264 0.0015 336	0.10443 0.0558 336	0.18505 0.0007 336	-0.06239 0.2541 336	0.12089 0.0267 336	-0.14516 0.0077 336	0.20996 0.0001 336	0.30695 <.0001 333
MP12K26 26. Takes something that did not belong to tc	0.04545 0.4063 336	-0.00979 0.8581 336	0.04166 0.4466 336	-0.02852 0.6024 336	0.04148 0.4486 336	-0.04855 0.3750 336	0.09394 0.0855 336	0.10164 0.0639 333
MP12K27 27. Disobeys parent	0.37797 <.0001 336	0.29462 <.0001 336	0.29387 <.0001 336	-0.12369 0.0234 336	0.04297 0.4324 336	-0.16362 0.0026 336	0.26304 <.0001 336	0.21073 0.0001 333
MP12K28 28. Follows family rules at home	-0.16405 0.0026 336	-0.13553 0.0129 336	-0.14257 0.0089 336	0.23809 <.0001 336	-0.02847 0.6030 336	0.30383 <.0001 336	-0.15338 0.0048 336	-0.16414 0.0027 333
MP12K29r 29. Purposefully destroys property	-0.08808 0.1071 336	-0.17482 0.0013 336	-0.07626 0.1631 336	0.02462 0.6529 336	0.02149 0.6947 336	0.05427 0.3213 336	-0.10337 0.0584 336	-0.08775 0.1100 333
MP12K30 30. Acts jealous/demands attention	0.20593 0.0001 336	0.25936 <.0001 336	0.23088 <.0001 336	-0.07320 0.1807 336	-0.00635 0.9077 336	-0.03979 0.4672 336	0.21407 <.0001 336	0.08495 0.1218 333
MP12K31 31. Volunteers to help w/family chore	-0.07324 0.1804 336	0.00886 0.8715 336	0.02193 0.6888 336	0.05378 0.3257 336	-0.04433 0.4179 336	0.48138 <.0001 336	0.00627 0.9088 336	-0.02277 0.6789 333

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP12K16	MP12K17	MP12K18	MP12K19	MP12K20	MP12K21	MP12K22	MP12K23
MP12K32 32. Spends unsupervised time w/peers	0.12713 0.0197 336	-0.03725 0.4962 336	0.09837 0.0717 336	0.05367 0.3266 336	-0.01221 0.8236 336	-0.16157 0.0030 336	0.11875 0.0295 336	0.05184 0.3456 333
MP12K33 33. Uses tobacco	0.07602 0.1644 336	0.03766 0.4915 336	0.26644 <.0001 336	-0.06055 0.2684 336	0.04356 0.4261 336	-0.10009 0.0669 336	0.08747 0.1095 336	0.06056 0.2704 333
MP12K34 34. Uses alcohol	0.05351 0.3281 336	-0.04968 0.3640 336	-0.01674 0.7599 336	-0.00550 0.9200 336	-0.02224 0.6845 336	-0.12840 0.0185 336	-0.00281 0.9591 336	0.01458 0.7909 333
MP12K35 35. Uses drugs	0.06762 0.2163 336	0.06396 0.2423 336	0.10028 0.0664 336	-0.10050 0.0658 336	0.06071 0.2671 336	-0.10347 0.0581 336	0.16028 0.0032 336	0.01712 0.7556 333
MP12K36 36. Shows signs of sadness/depression	0.04853 0.3752 336	0.12030 0.0275 336	0.06095 0.2652 336	0.03214 0.5571 336	0.19123 0.0004 336	-0.04288 0.4334 336	-0.02774 0.6124 336	-0.04141 0.4514 333
MP12K37 37. Acts shy/withdrawn	-0.00204 0.9703 336	0.07930 0.1469 336	-0.04143 0.4491 336	0.02306 0.6736 336	0.39237 <.0001 336	-0.07623 0.1633 336	0.05138 0.3478 336	0.04997 0.3634 333
MP12K38 38. Shows signs of fearfulness/anxiety	0.02032 0.7105 336	0.05256 0.3368 336	0.08699 0.1115 336	0.03102 0.5710 336	0.12180 0.0256 336	0.03751 0.4931 336	-0.00977 0.8584 336	-0.08070 0.1417 333
MP12K39 39. Talks about his/her activities	0.02735 0.6173 336	-0.04080 0.4560 336	0.04430 0.4183 336	0.30031 <.0001 336	-0.05670 0.3000 336	0.23017 <.0001 336	0.05228 0.3394 336	-0.13818 0.0116 333
MP12K40 40. Has sleeping problems	0.18316 0.0007 336	0.09317 0.0881 336	0.14200 0.0092 336	-0.00178 0.9741 336	0.30294 <.0001 336	-0.02613 0.6332 336	0.00483 0.9297 336	-0.03277 0.5512 333
MP12K41 41. Has eating problems	0.12336 0.0237 336	0.18781 0.0005 336	0.21965 <.0001 336	-0.03449 0.5287 336	0.34442 <.0001 336	-0.14522 0.0077 336	0.05123 0.3492 336	-0.00702 0.8984 333
MP12K42 42. Seems hyperactive	0.12487 0.0221 336	0.21183 <.0001 336	0.09593 0.0791 336	-0.01851 0.7353 336	0.24958 <.0001 336	-0.19052 0.0004 336	0.11862 0.0297 336	0.18144 0.0009 333
MP12K43 43. Participates in positive social activities	-0.02099 0.7014 336	-0.13037 0.0168 336	-0.09456 0.0835 336	0.13270 0.0149 336	-0.12432 0.0227 336	0.13360 0.0143 336	-0.00978 0.8582 336	-0.03840 0.4849 333
MP12K44 44. Accuracy of information	0.06464 0.2373 336	0.00969 0.8596 336	-0.01383 0.8006 336	0.20081 0.0002 336	-0.05568 0.3088 336	0.06774 0.2156 336	0.00223 0.9675 336	-0.13066 0.0170 333

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP12K24	MP12K25	MP12K26	MP12K27	MP12K28	MP12K29r	MP12K30	MP12K31
MP12K16 16. Talks back to adult	-0.08304 0.1288 336	0.17264 0.0015 336	0.04545 0.4063 336	0.37797 <.0001 336	-0.16405 0.0026 336	-0.08808 0.1071 336	0.20593 0.0001 336	-0.07324 0.1804 336
MP12K17 17. Screams/yells	-0.10925 0.0454 336	0.10443 0.0558 336	-0.00979 0.8581 336	0.29462 <.0001 336	-0.13553 0.0129 336	-0.17482 0.0013 336	0.25936 <.0001 336	0.00886 0.8715 336

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP12K24	MP12K25	MP12K26	MP12K27	MP12K28	MP12K29r	MP12K30	MP12K31
MP12K18 18. Swears at anyone	-0.10152 0.0631 336	0.18505 0.0007 336	0.04166 0.4466 336	0.29387 <.0001 336	-0.14257 0.0089 336	-0.07626 0.1631 336	0.23088 <.0001 336	0.02193 0.6888 336
MP12K19 19. Talks respectfully to an adult	0.32921 <.0001 336	-0.06239 0.2541 336	-0.02852 0.6024 336	-0.12369 0.0234 336	0.23809 <.0001 336	0.02462 0.6529 336	-0.07320 0.1807 336	0.05378 0.3257 336
MP12K20 20. Physically fights w/anyone	-0.09732 0.0748 336	0.12089 0.0267 336	0.04148 0.4486 336	0.04297 0.4324 336	-0.02847 0.6030 336	0.02149 0.6947 336	-0.00635 0.9077 336	-0.04433 0.4179 336
MP12K21 21. Completes a household chore	0.23033 <.0001 336	-0.14516 0.0077 336	-0.04855 0.3750 336	-0.16362 0.0026 336	0.30383 <.0001 336	0.05427 0.3213 336	-0.03979 0.4672 336	0.48138 <.0001 336
MP12K22 22. Teases anyone	-0.07524 0.1688 336	0.20996 0.0001 336	0.09394 0.0855 336	0.26304 <.0001 336	-0.15338 0.0048 336	-0.10337 0.0584 336	0.21407 <.0001 336	0.00627 0.9088 336
MP12K23 23. Hits brothers/sisters	-0.10513 0.0553 333	0.30695 <.0001 333	0.10164 0.0639 333	0.21073 0.0001 333	-0.16414 0.0027 333	-0.08775 0.1100 333	0.08495 0.1218 333	-0.02277 0.6789 333
MP12K24 24. Shows respect for family	1.00000 336	-0.20301 0.0002 336	-0.10917 0.0455 336	-0.27883 <.0001 336	0.33964 <.0001 336	0.12203 0.0253 336	-0.02057 0.7072 336	0.04471 0.4140 336
MP12K25 25. Lies	-0.20301 0.0002 336	1.00000 336	0.15590 0.0042 336	0.43749 <.0001 336	-0.37074 <.0001 336	-0.10948 0.0449 336	0.12349 0.0236 336	-0.09985 0.0675 336
MP12K26 26. Takes something that did not belong to tc	-0.10917 0.0455 336	0.15590 0.0042 336	1.00000 336	0.07547 0.1675 336	-0.12402 0.0230 336	-0.07721 0.1579 336	0.05846 0.2853 336	-0.01753 0.7488 336
MP12K27 27. Disobeys parent	-0.27883 <.0001 336	0.43749 <.0001 336	0.07547 0.1675 336	1.00000 336	-0.54127 <.0001 336	-0.18613 0.0006 336	0.24957 <.0001 336	-0.07437 0.1738 336
MP12K28 28. Follows family rules at home	0.33964 <.0001 336	-0.37074 <.0001 336	-0.12402 0.0230 336	-0.54127 <.0001 336	1.00000 336	0.16330 0.0027 336	-0.21076 <.0001 336	0.16522 0.0024 336
MP12K29r 29. Purposefully destroys property	0.12203 0.0253 336	-0.10948 0.0449 336	-0.07721 0.1579 336	-0.18613 0.0006 336	0.16330 0.0027 336	1.00000 336	-0.14067 0.0098 336	0.07964 0.1452 336
MP12K30 30. Acts jealous/demands attention	-0.02057 0.7072 336	0.12349 0.0236 336	0.05846 0.2853 336	0.24957 <.0001 336	-0.21076 <.0001 336	-0.14067 0.0098 336	1.00000 336	-0.00859 0.8753 336
MP12K31 31. Volunteers to help w/family chore	0.04471 0.4140 336	-0.09985 0.0675 336	-0.01753 0.7488 336	-0.07437 0.1738 336	0.16522 0.0024 336	0.07964 0.1452 336	-0.00859 0.8753 336	1.00000 336
MP12K32 32. Spends unsupervised time w/peers	-0.04067 0.4574 336	0.18105 0.0009 336	-0.01034 0.8502 336	0.11841 0.0300 336	-0.10114 0.0641 336	-0.02049 0.7083 336	0.08763 0.1089 336	-0.11862 0.0297 336
MP12K33 33. Uses tobacco	-0.09565 0.0800 336	0.17442 0.0013 336	0.10446 0.0558 336	0.15985 0.0033 336	-0.12437 0.0226 336	0.01961 0.7203 336	0.05572 0.3085 336	-0.00400 0.9417 336
MP12K34 34. Uses alcohol	0.00562 0.9183 336	0.06743 0.2176 336	-0.02180 0.6905 336	0.06009 0.2720 336	-0.12797 0.0189 336	0.01882 0.7310 336	0.00281 0.9590 336	-0.06449 0.2384 336

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP12K24	MP12K25	MP12K26	MP12K27	MP12K28	MP12K29r	MP12K30	MP12K31
MP12K35 35. Uses drugs	-0.19343 0.0004 336	0.13861 0.0110 336	0.11900 0.0292 336	0.17531 0.0013 336	-0.12733 0.0196 336	-0.10275 0.0599 336	0.04754 0.3851 336	-0.04029 0.4617 336
MP12K36 36. Shows signs of sadness/depression	0.05192 0.3427 336	0.01789 0.7439 336	-0.05248 0.3376 336	0.05473 0.3172 336	-0.06671 0.2226 336	-0.13592 0.0126 336	0.12577 0.0211 336	-0.00328 0.9522 336
MP12K37 37. Acts shy/withdrawn	-0.02509 0.6468 336	-0.00504 0.9266 336	-0.02958 0.5890 336	0.09153 0.0939 336	-0.11093 0.0421 336	0.02554 0.6409 336	0.03922 0.4737 336	-0.11833 0.0301 336
MP12K38 38. Shows signs of fearfulness/anxiety	-0.09279 0.0895 336	-0.02458 0.6534 336	-0.03979 0.4673 336	-0.03401 0.5344 336	0.01012 0.8534 336	-0.02577 0.6379 336	0.11667 0.0325 336	0.11503 0.0351 336
MP12K39 39. Talks about his/her activities	0.25943 <.0001 336	-0.11969 0.0283 336	-0.06392 0.2426 336	-0.09445 0.0839 336	0.23148 <.0001 336	0.05519 0.3131 336	0.00456 0.9336 336	0.21399 <.0001 336
MP12K40 40. Has sleeping problems	0.03163 0.5634 336	-0.04632 0.3973 336	-0.03197 0.5592 336	-0.01913 0.7268 336	0.05691 0.2983 336	-0.02761 0.6141 336	0.03750 0.4933 336	0.03697 0.4994 336
MP12K41 41. Has eating problems	-0.01529 0.7801 336	0.01257 0.8185 336	0.01639 0.7647 336	0.05362 0.3272 336	-0.07124 0.1927 336	-0.13299 0.0147 336	0.11280 0.0388 336	-0.00830 0.8796 336
MP12K42 42. Seems hyperactive	-0.13765 0.0115 336	0.22533 <.0001 336	0.00806 0.8829 336	0.24868 <.0001 336	-0.23088 <.0001 336	-0.18024 0.0009 336	0.18152 0.0008 336	-0.07614 0.1638 336
MP12K43 43. Participates in positive social activities	0.11780 0.0309 336	-0.07227 0.1863 336	0.01093 0.8418 336	-0.04855 0.3750 336	0.15104 0.0055 336	0.01014 0.8532 336	-0.01175 0.8302 336	0.20463 0.0002 336
MP12K44 44. Accuracy of information	0.09651 0.0773 336	-0.05392 0.3244 336	-0.01749 0.7493 336	-0.06005 0.2724 336	0.21009 0.0001 336	0.00564 0.9180 336	-0.09061 0.0973 336	0.02307 0.6735 336

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP12K32	MP12K33	MP12K34	MP12K35	MP12K36	MP12K37	MP12K38	MP12K39
MP12K16 16. Talks back to adult	0.12713 0.0197 336	0.07602 0.1644 336	0.05351 0.3281 336	0.06762 0.2163 336	0.04853 0.3752 336	-0.00204 0.9703 336	0.02032 0.7105 336	0.02735 0.6173 336
MP12K17 17. Screams/yells	-0.03725 0.4962 336	0.03766 0.4915 336	-0.04968 0.3640 336	0.06396 0.2423 336	0.12030 0.0275 336	0.07930 0.1469 336	0.05256 0.3368 336	-0.04080 0.4560 336
MP12K18 18. Swears at anyone	0.09837 0.0717 336	0.26644 <.0001 336	-0.01674 0.7599 336	0.10028 0.0664 336	0.06095 0.2652 336	-0.04143 0.4491 336	0.08699 0.1115 336	0.04430 0.4183 336
MP12K19 19. Talks respectfully to an adult	0.05367 0.3266 336	-0.06055 0.2684 336	-0.00550 0.9200 336	-0.10050 0.0658 336	0.03214 0.5571 336	0.02306 0.6736 336	0.03102 0.5710 336	0.30031 <.0001 336
MP12K20 20. Physically fights w/anyone	-0.01221 0.8236 336	0.04356 0.4261 336	-0.02224 0.6845 336	0.06071 0.2671 336	0.19123 0.0004 336	0.39237 <.0001 336	0.12180 0.0256 336	-0.05670 0.3000 336

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP12K32	MP12K33	MP12K34	MP12K35	MP12K36	MP12K37	MP12K38	MP12K39
MP12K21 21. Completes a household chore	-0.16157 0.0030 336	-0.10009 0.0669 336	-0.12840 0.0185 336	-0.10347 0.0581 336	-0.04288 0.4334 336	-0.07623 0.1633 336	0.03751 0.4931 336	0.23017 <.0001 336
MP12K22 22. Teases anyone	0.11875 0.0295 336	0.08747 0.1095 336	-0.00281 0.9591 336	0.16028 0.0032 336	-0.02774 0.6124 336	0.05138 0.3478 336	-0.00977 0.8584 336	0.05228 0.3394 336
MP12K23 23. Hits brothers/sisters	0.05184 0.3456 333	0.06056 0.2704 333	0.01458 0.7909 333	0.01712 0.7556 333	-0.04141 0.4514 333	0.04997 0.3634 333	-0.08070 0.1417 333	-0.13818 0.0116 333
MP12K24 24. Shows respect for family	-0.04067 0.4574 336	-0.09565 0.0800 336	0.00562 0.9183 336	-0.19343 0.0004 336	0.05192 0.3427 336	-0.02509 0.6468 336	-0.09279 0.0895 336	0.25943 <.0001 336
MP12K25 25. Lies	0.18105 0.0009 336	0.17442 0.0013 336	0.06743 0.2176 336	0.13861 0.0110 336	0.01789 0.7439 336	-0.00504 0.9266 336	-0.02458 0.6534 336	-0.11969 0.0283 336
MP12K26 26. Takes something that did not belong to tc	-0.01034 0.8502 336	0.10446 0.0558 336	-0.02180 0.6905 336	0.11900 0.0292 336	-0.05248 0.3376 336	-0.02958 0.5890 336	-0.03979 0.4673 336	-0.06392 0.2426 336
MP12K27 27. Disobeys parent	0.11841 0.0300 336	0.15985 0.0033 336	0.06009 0.2720 336	0.17531 0.0013 336	0.05473 0.3172 336	0.09153 0.0939 336	-0.03401 0.5344 336	-0.09445 0.0839 336
MP12K28 28. Follows family rules at home	-0.10114 0.0641 336	-0.12437 0.0226 336	-0.12797 0.0189 336	-0.12733 0.0196 336	-0.06671 0.2226 336	-0.11093 0.0421 336	0.01012 0.8534 336	0.23148 <.0001 336
MP12K29r 29. Purposefully destroys property	-0.02049 0.7083 336	0.01961 0.7203 336	0.01882 0.7310 336	-0.10275 0.0599 336	-0.13592 0.0126 336	0.02554 0.6409 336	-0.02577 0.6379 336	0.05519 0.3131 336
MP12K30 30. Acts jealous/demands attention	0.08763 0.1089 336	0.05572 0.3085 336	0.00281 0.9590 336	0.04754 0.3851 336	0.12577 0.0211 336	0.03922 0.4737 336	0.11667 0.0325 336	0.00456 0.9336 336
MP12K31 31. Volunteers to help w/family chore	-0.11862 0.0297 336	-0.00400 0.9417 336	-0.06449 0.2384 336	-0.04029 0.4617 336	-0.00328 0.9522 336	-0.11833 0.0301 336	0.11503 0.0351 336	0.21399 <.0001 336
MP12K32 32. Spends unsupervised time w/peers	1.00000 336	0.11726 0.0316 336	0.03435 0.5304 336	0.10703 0.0500 336	0.02138 0.6962 336	-0.01599 0.7703 336	0.02713 0.6202 336	0.06923 0.2056 336
MP12K33 33. Uses tobacco	0.11726 0.0316 336	1.00000 336	0.19902 0.0002 336	0.26593 <.0001 336	-0.07622 0.1633 336	0.00330 0.9519 336	0.03556 0.5159 336	-0.12427 0.0227 336
MP12K34 34. Uses alcohol	0.03435 0.5304 336	0.19902 0.0002 336	1.00000 336	0.06987 0.2014 336	0.01931 0.7243 336	-0.02644 0.6291 336	0.00837 0.8785 336	-0.13088 0.0164 336
MP12K35 35. Uses drugs	0.10703 0.0500 336	0.26593 <.0001 336	0.06987 0.2014 336	1.00000 336	0.02134 0.6968 336	0.10223 0.0612 336	0.05258 0.3366 336	-0.12327 0.0238 336
MP12K36 36. Shows signs of sadness/depression	0.02138 0.6962 336	-0.07622 0.1633 336	0.01931 0.7243 336	0.02134 0.6968 336	1.00000 336	0.36594 <.0001 336	0.33172 <.0001 336	-0.04996 0.3613 336
MP12K37 37. Acts shy/withdrawn	-0.01599 0.7703 336	0.00330 0.9519 336	-0.02644 0.6291 336	0.10223 0.0612 336	0.36594 <.0001 336	1.00000 336	0.20508 0.0002 336	-0.11739 0.0315 336

Pearson Correlation Coefficients								
Prob > r under H0: Rho=0								
Number of Observations								
	MP12K32	MP12K33	MP12K34	MP12K35	MP12K36	MP12K37	MP12K38	MP12K39
MP12K38 38. Shows signs of fearfulness/anxiety	0.02713 0.6202 336	0.03556 0.5159 336	0.00837 0.8785 336	0.05258 0.3366 336	0.33172 <.0001 336	0.20508 0.0002 336	1.00000 336	-0.03277 0.5494 336
MP12K39 39. Talks about his/her activities	0.06923 0.2056 336	-0.12427 0.0227 336	-0.13088 0.0164 336	-0.12327 0.0238 336	-0.04996 0.3613 336	-0.11739 0.0315 336	-0.03277 0.5494 336	1.00000 336
MP12K40 40. Has sleeping problems	-0.05397 0.3240 336	-0.03930 0.4728 336	-0.02858 0.6017 336	-0.02600 0.6348 336	0.19655 0.0003 336	0.25206 <.0001 336	0.10432 0.0561 336	-0.02634 0.6305 336
MP12K41 41. Has eating problems	-0.03540 0.5179 336	0.03405 0.5339 336	0.06048 0.2689 336	0.14391 0.0082 336	0.31729 <.0001 336	0.29809 <.0001 336	0.26063 <.0001 336	-0.13620 0.0125 336
MP12K42 42. Seems hyperactive	0.01510 0.7827 336	0.11402 0.0367 336	0.05733 0.2947 336	0.05756 0.2928 336	0.25638 <.0001 336	0.24558 <.0001 336	0.22290 <.0001 336	-0.12969 0.0174 336
MP12K43 43. Participates in positive social activities	0.08512 0.1194 336	-0.20258 0.0002 336	-0.02122 0.6983 336	-0.12015 0.0277 336	-0.06706 0.2202 336	-0.09671 0.0767 336	-0.08155 0.1357 336	0.24349 <.0001 336
MP12K44 44. Accuracy of information	0.08648 0.1136 336	-0.12425 0.0227 336	-0.14653 0.0071 336	-0.13908 0.0107 336	-0.13202 0.0155 336	-0.22073 <.0001 336	-0.04196 0.4433 336	0.32874 <.0001 336

Pearson Correlation Coefficients					
Prob > r under H0: Rho=0					
Number of Observations					
	MP12K40	MP12K41	MP12K42	MP12K43	MP12K44
MP12K16 16. Talks back to adult	0.18316 0.0007 336	0.12336 0.0237 336	0.12487 0.0221 336	-0.02099 0.7014 336	0.06464 0.2373 336
MP12K17 17. Screams/yells	0.09317 0.0881 336	0.18781 0.0005 336	0.21183 <.0001 336	-0.13037 0.0168 336	0.00969 0.8596 336
MP12K18 18. Swears at anyone	0.14200 0.0092 336	0.21965 <.0001 336	0.09593 0.0791 336	-0.09456 0.0835 336	-0.01383 0.8006 336
MP12K19 19. Talks respectfully to an adult	-0.00178 0.9741 336	-0.03449 0.5287 336	-0.01851 0.7353 336	0.13270 0.0149 336	0.20081 0.0002 336
MP12K20 20. Physically fights w/anyone	0.30294 <.0001 336	0.34442 <.0001 336	0.24958 <.0001 336	-0.12432 0.0227 336	-0.05568 0.3088 336
MP12K21 21. Completes a household chore	-0.02613 0.6332 336	-0.14522 0.0077 336	-0.19052 0.0004 336	0.13360 0.0143 336	0.06774 0.2156 336
MP12K22 22. Teases anyone	0.00483 0.9297 336	0.05123 0.3492 336	0.11862 0.0297 336	-0.00978 0.8582 336	0.00223 0.9675 336
MP12K23 23. Hits brothers/sisters	-0.03277 0.5512 333	-0.00702 0.8984 333	0.18144 0.0009 333	-0.03840 0.4849 333	-0.13066 0.0170 333

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP12K40	MP12K41	MP12K42	MP12K43	MP12K44
MP12K24 24. Shows respect for family	0.03163 0.5634 336	-0.01529 0.7801 336	-0.13765 0.0115 336	0.11780 0.0309 336	0.09651 0.0773 336
MP12K25 25. Lies	-0.04632 0.3973 336	0.01257 0.8185 336	0.22533 <.0001 336	-0.07227 0.1863 336	-0.05392 0.3244 336
MP12K26 26. Takes something that did not belong to tc	-0.03197 0.5592 336	0.01639 0.7647 336	0.00806 0.8829 336	0.01093 0.8418 336	-0.01749 0.7493 336
MP12K27 27. Disobeys parent	-0.01913 0.7268 336	0.05362 0.3272 336	0.24868 <.0001 336	-0.04855 0.3750 336	-0.06005 0.2724 336
MP12K28 28. Follows family rules at home	0.05691 0.2983 336	-0.07124 0.1927 336	-0.23088 <.0001 336	0.15104 0.0055 336	0.21009 0.0001 336
MP12K29r 29. Purposefully destroys property	-0.02761 0.6141 336	-0.13299 0.0147 336	-0.18024 0.0009 336	0.01014 0.8532 336	0.00564 0.9180 336
MP12K30 30. Acts jealous/demands attention	0.03750 0.4933 336	0.11280 0.0388 336	0.18152 0.0008 336	-0.01175 0.8302 336	-0.09061 0.0973 336
MP12K31 31. Volunteers to help w/family chore	0.03697 0.4994 336	-0.00830 0.8796 336	-0.07614 0.1638 336	0.20463 0.0002 336	0.02307 0.6735 336
MP12K32 32. Spends unsupervised time w/peers	-0.05397 0.3240 336	-0.03540 0.5179 336	0.01510 0.7827 336	0.08512 0.1194 336	0.08648 0.1136 336
MP12K33 33. Uses tobacco	-0.03930 0.4728 336	0.03405 0.5339 336	0.11402 0.0367 336	-0.20258 0.0002 336	-0.12425 0.0227 336
MP12K34 34. Uses alcohol	-0.02858 0.6017 336	0.06048 0.2689 336	0.05733 0.2947 336	-0.02122 0.6983 336	-0.14653 0.0071 336
MP12K35 35. Uses drugs	-0.02600 0.6348 336	0.14391 0.0082 336	0.05756 0.2928 336	-0.12015 0.0277 336	-0.13908 0.0107 336
MP12K36 36. Shows signs of sadness/depression	0.19655 0.0003 336	0.31729 <.0001 336	0.25638 <.0001 336	-0.06706 0.2202 336	-0.13202 0.0155 336
MP12K37 37. Acts shy/withdrawn	0.25206 <.0001 336	0.29809 <.0001 336	0.24558 <.0001 336	-0.09671 0.0767 336	-0.22073 <.0001 336
MP12K38 38. Shows signs of fearfulness/anxiety	0.10432 0.0561 336	0.26063 <.0001 336	0.22290 <.0001 336	-0.08155 0.1357 336	-0.04196 0.4433 336
MP12K39 39. Talks about his/her activities	-0.02634 0.6305 336	-0.13620 0.0125 336	-0.12969 0.0174 336	0.24349 <.0001 336	0.32874 <.0001 336
MP12K40 40. Has sleeping problems	1.00000 336	0.32221 <.0001 336	0.19850 0.0003 336	-0.09817 0.0723 336	-0.03731 0.4955 336

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP12K40	MP12K41	MP12K42	MP12K43	MP12K44
MP12K41 41. Has eating problems	0.32221 <.0001 336	1.00000 336	0.25245 <.0001 336	-0.06902 0.2070 336	-0.21419 <.0001 336
MP12K42 42. Seems hyperactive	0.19850 0.0003 336	0.25245 <.0001 336	1.00000 336	-0.07273 0.1835 336	-0.17081 0.0017 336
MP12K43 43. Participates in positive social activities	-0.09817 0.0723 336	-0.06902 0.2070 336	-0.07273 0.1835 336	1.00000 336	0.10607 0.0521 336
MP12K44 44. Accuracy of information	-0.03731 0.4955 336	-0.21419 <.0001 336	-0.17081 0.0017 336	0.10607 0.0521 336	1.00000 336

Parent Daily Report Subscales Year 12 Report Sample

Pearson Correlation Coefficients, N = 336 Prob > r under H0: Rho=0				
	PDR12PRO	PDR12OAG	PDR12INT	PDR12SUB
PDR12PRO Prosocial - PDR Y12	1.00000	-0.21036 0.0001	-0.05790 0.2900	-0.15884 0.0035
PDR12OAG Oppositional+Aggressive - PDR Y12	-0.21036 0.0001	1.00000	0.14254 0.0089	0.21057 0.0001
PDR12INT Internalizing - PDR Y12	-0.05790 0.2900	0.14254 0.0089	1.00000	-0.00935 0.8645
PDR12SUB Substance Abuse - PDR Y12	-0.15884 0.0035	0.21057 0.0001	-0.00935 0.8645	1.00000

(Scoring program removed)

Appendix