

Parent Daily Report: PDR – Child Behavior Items

Grade 1/Year 2
Fast Track Project Technical Report
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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: p2k

Scored: pdr2

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.

Analysts should also note that other items were included on the measure but were excluded from this report. These items include several that were interspersed among the basic 30 items. These items were whether the child had played with his/her brother(s) or sister(s) (PxKP2A), whether the child had watched any television (PxKP3A), whether the child had told a joke (PxKP8A), whether the child had been in a happy mood (PxKP11A), whether the child had cooperated with the parent (PxKP13A), whether the child had come to the parent with a question (PxKP15A), whether the child had played a game with anyone (PxKP16A), whether the child had played inside (PxKP17A), whether the child had told the parent about something that had happened that day (PxKP20A), whether the child had played by him/herself (PxKP24A), and whether the child had played with any neighbor kids (PxKP26A).

There were also 25 other items not included in this report that appear at the end of the measure. These items appear on the measure for years 1 through 5 but are dropped during year 6. These questions were to be asked of the parent if there were more than 3 behaviors from the first 30 items. These final 25 items were to first have the parent identify the three most problematic behaviors and then to have the parent describe his/her responses to each of these behaviors (i.e. do nothing, ignore, physical punishment, etc.), the child's response to the parent's response (i.e. behavior stopped, behavior diminished, etc.), and how the parent felt about that episode of behavior and his/her interaction with the child (i.e. anger, guilt, satisfaction). Interviewers were to give the parent the opportunity to describe up to three responses for each of these identified behaviors. These items have never been used in any analyses so they were not included in this report.

Finally, in year 9 of administration, this measure underwent some revisions and most of the items were updated. Items PxKP1-5 were dropped entirely from the measure. New items included whether the child ate a meal with the parent (PxK6), how many hours the child had spent at home without an adult present (PxK7), 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). This newer version was used for year 9 and every year thereafter in the study.

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 second year of the study. 31 records were missing responses for the entire measure. 8 were from the control sample (4 each from Durham and Washington) and 24 were from the normative sample (3 from Durham, 6 from Nashville, 3 from Pennsylvania, and 12 from Washington). Some of these may represent overlap between samples.

It should also be noted that 59 records were missing responses to item MP2KP3 (fights with sibling). The instructions for this item stated that it was only to be asked if the child had a sibling, which may possibly account for the higher number of missing responses.

III. Scaling

A factor analysis performed in 1994 identified 5 factors that represented 4 of the Fast Track theoretical constructs of child behavior problems: *Overt Aggression, Verbal Negativism and Non-Compliance (Oppositional Behavior), Hyperactivity, and Depression*. There were also three higher-level subscales: *Covert Antisocial Behaviors, Overt Aggression and Oppositional Behavior (AggOpp)*, and *Overt Aggression and Hyperactivity (AggOppHyp)*. Items at this time were scored as either 0 = present or 1 = absent. In 1998, a new subscale was added, creating a total of four subscales. In addition, a decision was made to use reverse-scoring for all of the items so that 0 = absent and 1 = present. As a result, all of the scales were brought into line with other measures, where a high value for a score means a high incidence of a behavior.

As noted earlier in the report, parent's reports of their child's behavior were averaged across the first three administrations of the Parent Daily Report. Therefore, each variable was labeled MPxKP, with the "M" indicating "mean." Then, for each subscale, the appropriate variables representing the mean score were summed to create a score for each subscale.

Hyperactivity included items MPxKP18-20. These included being too noisy in the house, running around too much, and being hyper or overactive.

Oppositional and Aggressive included items MPxKP3, MPxKP4, MPxKP6, MPxKP9, MPxKP11-16, and MPxKP22. These items included such things as fighting with a brother or a sister, acting aggressively, hitting someone, being verbally aggressive (whining, yelling, complaining), and pouting.

The *Covert Antisocial* subscale included items MPxPK21 and MPxPK23-29. These items included acting irritably, being in a bad mood about everything, throwing a temper tantrum, lying, arguing about things, having police contact, setting fires, and stealing.

Oppositional and Aggressive-revised was the result of combining most of the items for Oppositional And Aggressive and Covert Antisocial, and included the following items: MPxKP3, MPxKP4, MPxKP6, MPxKP9, MPxKP11-16, and MPxKP21, MPxKP24-29. Item MPxKP22 was dropped from this subscale.

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

Subscales	Cronbach's Alpha	
	Control Sample	Normative Sample
Oppositional + Aggressive-Revised (PDR2OAR)	.87	.87
Covert Antisocial (PDR2COA)	.51	.54
Oppositional + Aggressive (PDR2OAG)	.85	.87
Hyperactivity (PDR2HYP)	.82	.80

The reliability coefficients for internal consistency were adequate for three of the subscales for both the normative and control samples. These subscales were *Oppositional+Aggressive-Revised*, *Oppositional+Aggressive*, and *Hyperactivity*. The reliability coefficients for both samples for the subscale, *Covert Antisocial*, were moderate.

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 all four subscales. Only one item, MP2KP5 (Destructive), indicated significant differences between the normative and control samples as well. Two items indicated the mean for the normative sample to be greater than the mean for the control sample. These items were being fearful (MP2KP8) and running away (MP2KP30).

Parent Daily Report--Subscales
The TTEST Procedure

Variable	Normative Sample		Control Sample		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
Oppositional+ Aggressive-Rev'd (PDR2OAR)	0.16	0.14	0.23	0.17	430	4.28	<.0001
Covert Antisocial (PDR2COA)	0.07	0.08	0.10	0.09	430	3.84	0.0001
Oppositional+ Aggressive (PDR2OAG)	0.21	0.19	0.29	0.20	430	4.22	<.0001
Hyperactivity (PDR2HYP)	0.13	0.20	0.23	0.25	430	4.42	<.0001

Parent Daily Report--Items
The TTEST Procedure

Variable	Normative Sample		Control Sample		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
Not eating (MP2KP1)	0.05	0.16	0.05	0.14	430	-0.28	0.7758
Wets/Soils (MP2KP2)	0.03	0.13	0.05	0.14	430	1.10	0.2708
Destructive (MP2KP5)	0.01	0.06	0.02	0.08	430	2.03	0.0429
Sad (MP2KP7)	0.16	0.24	0.21	0.30	430	1.81	0.0702
Fearful (MP2KP8)	0.05	0.15	0.04	0.12	430	-0.68	0.4982
Cries (MP2KP10)	0.27	0.29	0.32	0.33	430	1.75	0.0802
Competitive (MP2KP17)	0.08	0.20	0.12	0.22	430	1.53	0.1267
Runs Away (MP2KP30)	0.04	0.03	0.00	0.00	430	-1.25	0.2128

V. Recommendations for Use

Analysts should note that several of the subscales showed positive skewing. Three of the subscales in the normative sample were positively skewed. They were *Oppositional+Aggressive-Revised*, *Covert Antisocial*, and *Hyperactivity*. One subscale, *Hyperactivity*, was positively skewed in the control sample as well.

VI. Scale Means and SD's

Parent Daily Report Items Year 2 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP2KP1	1. Not Eating	363	0.0518825	0.1531899	0	1.0000000
MP2KP2	2. Wets/Soils	363	0.0376492	0.1383596	0	1.0000000
MP2KP3	3. Fights w. Sib	340	0.3465686	0.3495157	0	1.0000000
MP2KP4	4. Aggressive	363	0.1639118	0.2744911	0	1.0000000
MP2KP5	5. Destructive	363	0.0110193	0.0646170	0	0.6666667
MP2KP6	6. Hits Others	363	0.1675849	0.2619151	0	1.0000000
MP2KP7	7. Sad	363	0.1744720	0.2542161	0	1.0000000
MP2KP8	8. Fearful	363	0.0486685	0.1393461	0	1.0000000
MP2KP9	9. Teases	363	0.2203857	0.3081272	0	1.0000000
MP2KP10	10. Cries	363	0.2837466	0.2993583	0	1.0000000
MP2KP11	11. Whines	363	0.3599633	0.3442874	0	1.0000000
MP2KP12	12. Complains	363	0.3195592	0.3344274	0	1.0000000
MP2KP13	13. Yells	363	0.2800735	0.3271680	0	1.0000000
MP2KP14	14. Noncompliant	363	0.1983471	0.2800240	0	1.0000000
MP2KP15	15. Defiant	363	0.1092746	0.2102273	0	1.0000000
MP2KP16	16. Talks Back Adult	363	0.1074380	0.2183208	0	1.0000000
MP2KP17	17. Competitive	363	0.0909091	0.2116903	0	1.0000000
MP2KP18	18. Noisy	363	0.1441690	0.2447085	0	1.0000000
MP2KP19	19. Runs Around	363	0.1423324	0.2445322	0	1.0000000
MP2KP20	20. Hyperactive	363	0.1685032	0.2854616	0	1.0000000
MP2KP21	21. Irritable	363	0.1303949	0.2353450	0	1.0000000
MP2KP22	22. Pouts	363	0.2424242	0.3084646	0	1.0000000
MP2KP23	23. Negativism	363	0.0413223	0.1180742	0	0.6666667
MP2KP24	24. Temper Tantrum	363	0.0615243	0.1611743	0	1.0000000
MP2KP25	25. Lies	363	0.0468320	0.1421517	0	1.0000000
MP2KP26	26. Argues	363	0.2897153	0.3173103	0	1.0000000
MP2KP27	27. Police Contact	363	0.0027548	0.0302192	0	0.3333333
MP2KP28	28. Firesetting	363	0.000918274	0.0174955	0	0.3333333
MP2KP29	29. Steals	363	0.0027548	0.0302192	0	0.3333333
MP2KP30	30. Runs Away	363	0.0027548	0.0302192	0	0.3333333

Parent Daily Report Subscales Year 2 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR2OAR	Oppositional+Aggressive-Revised - PDR Y2	363	0.1747169	0.1501106	0	0.7291667
PDR2COA	Covert Antisocial - PDR Y2	363	0.0720271	0.0805986	0	0.4166667
PDR2OAG	Oppositional+Aggressive - PDR Y2	363	0.2278821	0.1917338	0	0.8787879
PDR2HYP	Hyperactivity - PDR Y2	363	0.1516682	0.2192003	0	0.8888889

Parent Daily Report Items Year 2 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP2KP1	1. Not Eating	147	0.0487528	0.1436252	0	0.6666667
MP2KP2	2. Wets/Soils	147	0.0453515	0.1440840	0	1.0000000
MP2KP3	3. Fights w. Sib	139	0.3800959	0.3594978	0	1.0000000
MP2KP4	4. Aggressive	147	0.2301587	0.2842473	0	1.0000000
MP2KP5	5. Destructive	147	0.0204082	0.0801871	0	0.3333333
MP2KP6	6. Hits Others	147	0.1938776	0.2847205	0	1.0000000
MP2KP7	7. Sad	147	0.2131519	0.2995318	0	1.0000000
MP2KP8	8. Fearful	147	0.0430839	0.1187973	0	0.6666667
MP2KP9	9. Teases	147	0.2664399	0.3100669	0	1.0000000
MP2KP10	10. Cries	147	0.3231293	0.3253756	0	1.0000000
MP2KP11	11. Whines	147	0.4058957	0.3772790	0	1.0000000
MP2KP12	12. Complains	147	0.3752834	0.3309524	0	1.0000000
MP2KP13	13. Yells	147	0.3628118	0.3531230	0	1.0000000
MP2KP14	14. Noncompliant	147	0.2653061	0.3119604	0	1.0000000
MP2KP15	15. Defiant	147	0.2108844	0.2648386	0	1.0000000
MP2KP16	16. Talks Back Adult	147	0.2154195	0.3067052	0	1.0000000
MP2KP17	17. Competitive	147	0.1167800	0.2244687	0	1.0000000
MP2KP18	18. Noisy	147	0.2040816	0.2905120	0	1.0000000
MP2KP19	19. Runs Around	147	0.2165533	0.2761547	0	1.0000000
MP2KP20	20. Hyperactive	147	0.2607710	0.3223463	0	1.0000000
MP2KP21	21. Irritable	147	0.1734694	0.2637956	0	1.0000000
MP2KP22	22. Pouts	147	0.3185941	0.3411889	0	1.0000000
MP2KP23	23. Negativism	147	0.0453515	0.1146728	0	0.3333333
MP2KP24	24. Temper Tantrum	147	0.1292517	0.2450390	0	1.0000000
MP2KP25	25. Lies	147	0.0839002	0.1934763	0	1.0000000
MP2KP26	26. Argues	147	0.3492063	0.3474923	0	1.0000000
MP2KP27	27. Police Contact	147	0	0	0	0
MP2KP28	28. Firesetting	147	0	0	0	0
MP2KP29	29. Steals	147	0.0022676	0.0274929	0	0.3333333
MP2KP30	30. Runs Away	147	0	0	0	0

Parent Daily Report Subscales Year 2 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR2OAR	Oppositional+Aggressive-Revised - PDR Y2	147	0.2271070	0.1652606	0	0.6458333
PDR2COA	Covert Antisocial - PDR Y2	147	0.0979308	0.0920917	0	0.3750000
PDR2OAG	Oppositional+Aggressive - PDR Y2	147	0.2924758	0.2031775	0	0.8181818
PDR2HYP	Hyperactivity - PDR Y2	147	0.2271353	0.2538329	0	1.0000000

VII. Item and Scale Correlations

Parent Daily Report Items Year 2 Report Sample

	Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP2KP1	MP2KP2	MP2KP3	MP2KP4	MP2KP5	MP2KP6	MP2KP7	MP2KP8	MP2KP9
MP2KP1 1. Not Eating	1.00000 432	-0.00168 0.9722 432	0.08272 0.0968 404	0.09217 0.0556 432	0.14563 0.0024 432	0.10053 0.0367 432	0.08640 0.0728 432	0.07332 0.1281 432	0.08054 0.0945 432
MP2KP2 2. Wets/Soils	-0.00168 0.9722 432	1.00000 432	0.09281 0.0624 404	0.16187 0.0007 432	0.01194 0.8046 432	0.11707 0.0149 432	0.03663 0.4476 432	0.14194 0.0031 432	0.02917 0.5454 432
MP2KP3 3. Fights w. Sib	0.08272 0.0968 404	0.09281 0.0624 404	1.00000 404	0.47779 <.0001 404	0.01297 0.7950 404	0.51957 <.0001 404	0.24948 <.0001 404	0.14210 0.0042 404	0.45788 <.0001 404
MP2KP4 4. Aggressive	0.09217 0.0556 432	0.16187 0.0007 404	0.47779 <.0001 404	1.00000 432	0.06035 0.2106 432	0.56387 <.0001 432	0.31146 <.0001 432	0.11974 0.0128 432	0.37189 <.0001 432
MP2KP5 5. Destructive	0.14563 0.0024 432	0.01194 0.8046 432	0.01297 0.7950 404	0.06035 0.2106 432	1.00000 432	0.05526 0.2518 432	-0.01748 0.7172 432	0.02220 0.6455 432	0.05691 0.2379 432
MP2KP6 6. Hits Others	0.10053 0.0367 432	0.11707 0.0149 432	0.51957 <.0001 404	0.56387 <.0001 432	0.05526 0.2518 432	1.00000 432	0.25310 <.0001 432	0.09295 0.0535 432	0.35299 <.0001 432
MP2KP7 7. Sad	0.08640 0.0728 432	0.03663 0.4476 432	0.24948 <.0001 404	0.31146 <.0001 432	-0.01748 0.7172 432	0.25310 <.0001 432	1.00000 432	0.15723 0.0010 432	0.17074 0.0004 432
MP2KP8 8. Fearful	0.07332 0.1281 432	0.14194 0.0031 432	0.14210 0.0042 404	0.11974 0.0128 432	0.02220 0.6455 432	0.09295 0.0535 432	0.15723 0.0010 432	1.00000 432	0.13218 0.0059 432
MP2KP9 9. Teases	0.08054 0.0945 432	0.02917 0.5454 432	0.45788 <.0001 404	0.37189 <.0001 432	0.05691 0.2379 432	0.35299 <.0001 432	0.17074 0.0004 432	0.13218 0.0059 432	1.00000 432
MP2KP10 10. Cries	0.13716 0.0043 432	0.07820 0.1045 432	0.37871 <.0001 404	0.41888 <.0001 432	0.09173 0.0568 432	0.41796 <.0001 432	0.45580 <.0001 432	0.16370 0.0006 432	0.26141 <.0001 432
MP2KP11 11. Whines	0.14194 0.0031 432	0.09944 0.0388 432	0.42774 <.0001 404	0.33941 <.0001 432	0.04189 0.3851 432	0.24636 <.0001 432	0.26287 <.0001 432	0.16712 0.0005 432	0.29387 <.0001 432
MP2KP12 12. Complains	0.06462 0.1801 432	0.12159 0.0114 432	0.45353 <.0001 404	0.36955 <.0001 432	-0.02292 0.6347 432	0.26924 <.0001 432	0.35893 <.0001 432	0.17831 0.0002 432	0.32413 <.0001 432
MP2KP13 13. Yells	0.07257 0.1321 432	0.11602 0.0158 432	0.60247 <.0001 404	0.57662 <.0001 432	0.09050 0.0602 432	0.48126 <.0001 432	0.29376 <.0001 432	0.14511 0.0025 432	0.45551 <.0001 432
MP2KP14 14. Noncompliant	0.11988 0.0127 432	0.18052 0.0002 432	0.33154 <.0001 404	0.41659 <.0001 432	0.12604 0.0087 432	0.30649 <.0001 432	0.24967 <.0001 432	0.10888 0.0236 432	0.29625 <.0001 432
MP2KP15 15. Defiant	0.03157 0.5128 432	0.09549 0.0473 432	0.25422 <.0001 404	0.45710 <.0001 432	0.02576 0.5933 432	0.28815 <.0001 432	0.25677 <.0001 432	0.20379 0.0001 432	0.27964 <.0001 432
MP2KP16 16. Talks Back Adult	0.15673 0.0011 432	0.05608 0.2448 432	0.30008 <.0001 404	0.34261 <.0001 432	0.06729 0.1627 432	0.18525 0.0001 432	0.20701 <.0001 432	0.11476 0.0170 432	0.17302 0.0003 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	MP2KP1	MP2KP2	MP2KP3	MP2KP4	MP2KP5	MP2KP6	MP2KP7	MP2KP8	MP2KP9
MP2KP17 17. Competitive	0.10437 0.0301 432	0.06302 0.1911 432	0.13481 0.0067 404	0.27994 <.0001 432	0.03225 0.5038 432	0.18074 0.0002 432	0.07870 0.1024 432	0.05054 0.2946 432	0.31378 <.0001 432
MP2KP18 18. Noisy	0.13199 0.0060 432	0.07926 0.0999 432	0.20886 <.0001 404	0.34221 <.0001 432	0.09261 0.0544 432	0.30943 <.0001 432	0.12724 0.0081 432	0.10967 0.0226 432	0.21163 <.0001 432
MP2KP19 19. Runs Around	0.11605 0.0158 432	0.08857 0.0659 432	0.10975 0.0274 404	0.28963 <.0001 432	0.09997 0.0378 432	0.25664 <.0001 432	0.13336 0.0055 432	0.10727 0.0258 432	0.17414 0.0003 432
MP2KP20 20. Hyperactive	0.10962 0.0227 432	0.16077 0.0008 432	0.13650 0.0060 404	0.34237 <.0001 432	0.08031 0.0955 432	0.31240 <.0001 432	0.08049 0.0948 432	0.05678 0.2389 432	0.21147 <.0001 432
MP2KP21 21. Irritable	0.22947 <.0001 432	0.10677 0.0265 432	0.33514 <.0001 404	0.35077 <.0001 432	0.12985 0.0069 432	0.19387 <.0001 432	0.29178 <.0001 432	0.13130 0.0063 432	0.24580 <.0001 432
MP2KP22 22. Pouts	0.10084 0.0362 432	0.10539 0.0285 432	0.32773 <.0001 404	0.42371 <.0001 432	0.07093 0.1411 432	0.33164 <.0001 432	0.39458 <.0001 432	0.12720 0.0081 432	0.28306 <.0001 432
MP2KP23 23. Negativism	0.04252 0.3780 432	0.07464 0.1214 432	0.07946 0.1108 404	0.34406 <.0001 432	0.10940 0.0230 432	0.20138 <.0001 432	0.12514 0.0092 432	0.05309 0.2709 432	0.10774 0.0251 432
MP2KP24 24. Temper Tantrum	0.03719 0.4407 432	0.04990 0.3008 432	0.28981 <.0001 404	0.39006 <.0001 432	0.09981 0.0381 432	0.17905 0.0002 432	0.20597 <.0001 432	0.07822 0.1045 432	0.16657 0.0005 432
MP2KP25 25. Lies	0.08317 0.0842 432	0.11267 0.0192 432	0.11845 0.0172 404	0.23361 <.0001 432	0.17532 0.0003 432	0.27156 <.0001 432	0.08636 0.0730 432	0.14320 0.0029 432	0.24730 <.0001 432
MP2KP26 26. Argues	0.09253 0.0546 432	0.10939 0.0230 432	0.51931 <.0001 404	0.53932 <.0001 432	0.06621 0.1696 432	0.43937 <.0001 432	0.34420 <.0001 432	0.17227 0.0003 432	0.36179 <.0001 432
MP2KP27 27. Police Contact	0.09265 0.0543 432	-0.02226 0.6445 432	0.02198 0.6596 404	0.04864 0.3131 432	-0.01487 0.7580 432	0.05043 0.2956 432	-0.05785 0.2302 432	-0.02983 0.5364 432	0.11676 0.0152 432
MP2KP28 28. Firesetting	-0.01618 0.7374 432	-0.01282 0.7904 432	-0.00310 0.9505 404	-0.03031 0.5298 432	-0.00856 0.8591 432	-0.03128 0.5167 432	-0.03332 0.4897 432	-0.01718 0.7218 432	-0.03642 0.4503 432
MP2KP29 29. Steals	0.07221 0.1340 432	0.03469 0.4720 432	0.08868 0.0750 404	0.20257 <.0001 432	-0.01719 0.7217 432	0.14912 0.0019 432	0.02533 0.5996 432	0.08190 0.0891 432	0.08296 0.0850 432
MP2KP30 30. Runs Away	-0.02809 0.5604 432	0.04743 0.3253 432	0.04934 0.3225 404	-0.01887 0.6957 432	-0.01487 0.7580 432	0.05043 0.2956 432	0.01305 0.7869 432	0.10440 0.0300 432	0.05677 0.2390 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	MP2KP10	MP2KP11	MP2KP12	MP2KP13	MP2KP14	MP2KP15	MP2KP16	MP2KP17	
MP2KP1 1. Not Eating	0.13716 0.0043 432	0.14194 0.0031 432	0.06462 0.1801 432	0.07257 0.1321 432	0.11988 0.0127 432	0.03157 0.5128 432	0.15673 0.0011 432	0.10437 0.0301 432	

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	MP2KP10	MP2KP11	MP2KP12	MP2KP13	MP2KP14	MP2KP15	MP2KP16	MP2KP17
MP2KP2 2. Wets/Soils	0.07820 0.1045 432	0.09944 0.0388 432	0.12159 0.0114 432	0.11602 0.0158 432	0.18052 0.0002 432	0.09549 0.0473 432	0.05608 0.2448 432	0.06302 0.1911 432
MP2KP3 3. Fights w. Sib	0.37871 <.0001 404	0.42774 <.0001 404	0.45353 <.0001 404	0.60247 <.0001 404	0.33154 <.0001 404	0.25422 <.0001 404	0.30008 <.0001 404	0.13481 0.0067 404
MP2KP4 4. Aggressive	0.41888 <.0001 432	0.33941 <.0001 432	0.36955 <.0001 432	0.57662 <.0001 432	0.41659 <.0001 432	0.45710 <.0001 432	0.34261 <.0001 432	0.27994 <.0001 432
MP2KP5 5. Destructive	0.09173 0.0568 432	0.04189 0.3851 432	-0.02292 0.6347 432	0.09050 0.0602 432	0.12604 0.0087 432	0.02576 0.5933 432	0.06729 0.1627 432	0.03225 0.5038 432
MP2KP6 6. Hits Others	0.41796 <.0001 432	0.24636 <.0001 432	0.26924 <.0001 432	0.48126 <.0001 432	0.30649 <.0001 432	0.28815 <.0001 432	0.18525 0.0001 432	0.18074 0.0002 432
MP2KP7 7. Sad	0.45580 <.0001 432	0.26287 <.0001 432	0.35893 <.0001 432	0.29376 <.0001 432	0.24967 <.0001 432	0.25677 <.0001 432	0.20701 <.0001 432	0.07870 0.1024 432
MP2KP8 8. Fearful	0.16370 0.0006 432	0.16712 0.0005 432	0.17831 0.0002 432	0.14511 0.0025 432	0.10888 0.0236 432	0.20379 <.0001 432	0.11476 0.0170 432	0.05054 0.2946 432
MP2KP9 9. Teases	0.26141 <.0001 432	0.29387 <.0001 432	0.32413 <.0001 432	0.45551 <.0001 432	0.29625 <.0001 432	0.27964 <.0001 432	0.17302 0.0003 432	0.31378 <.0001 432
MP2KP10 10. Cries	1.00000 432	0.41874 <.0001 432	0.34500 <.0001 432	0.37396 <.0001 432	0.30296 <.0001 432	0.27870 <.0001 432	0.35980 <.0001 432	0.07159 0.1374 432
MP2KP11 11. Whines	0.41874 <.0001 432	1.00000 432	0.44084 <.0001 432	0.38035 <.0001 432	0.33861 <.0001 432	0.31251 <.0001 432	0.34091 <.0001 432	0.17652 0.0002 432
MP2KP12 12. Complains	0.34500 <.0001 432	0.44084 <.0001 432	1.00000 432	0.41776 <.0001 432	0.31299 <.0001 432	0.27862 <.0001 432	0.33691 <.0001 432	0.16506 0.0006 432
MP2KP13 13. Yells	0.37396 <.0001 432	0.38035 <.0001 432	0.41776 <.0001 432	1.00000 432	0.32233 <.0001 432	0.34592 <.0001 432	0.38172 <.0001 432	0.20253 <.0001 432
MP2KP14 14. Noncompliant	0.30296 <.0001 432	0.33861 <.0001 432	0.31299 <.0001 432	0.32233 <.0001 432	1.00000 432	0.40342 <.0001 432	0.22763 <.0001 432	0.19047 0.0001 432
MP2KP15 15. Defiant	0.27870 <.0001 432	0.31251 <.0001 432	0.27862 <.0001 432	0.34592 <.0001 432	0.40342 <.0001 432	1.00000 432	0.31699 <.0001 432	0.18973 0.0001 432
MP2KP16 16. Talks Back Adult	0.35980 <.0001 432	0.34091 <.0001 432	0.33691 <.0001 432	0.38172 <.0001 432	0.22763 <.0001 432	0.31699 <.0001 432	1.00000 432	0.09513 0.0482 432
MP2KP17 17. Competitive	0.07159 0.1374 432	0.17652 0.0002 432	0.16506 0.0006 432	0.20253 <.0001 432	0.19047 <.0001 432	0.18973 <.0001 432	0.09513 0.0482 432	1.00000 432
MP2KP18 18. Noisy	0.16820 0.0004 432	0.19748 <.0001 432	0.05910 0.2202 432	0.24839 <.0001 432	0.31309 <.0001 432	0.37372 <.0001 432	0.12946 0.0071 432	0.21256 0.0001 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP2KP10	MP2KP11	MP2KP12	MP2KP13	MP2KP14	MP2KP15	MP2KP16	MP2KP17
MP2KP19 19. Runs Around	0.21246 <.0001 432	0.20235 <.0001 432	0.08154 0.0905 432	0.16164 0.0007 432	0.24147 <.0001 432	0.39451 <.0001 432	0.14719 0.0022 432	0.20720 <.0001 432
MP2KP20 20. Hyperactive	0.18272 0.0001 432	0.15102 0.0016 432	0.07439 0.1226 432	0.25556 <.0001 432	0.24419 <.0001 432	0.32880 <.0001 432	0.15279 0.0014 432	0.22645 <.0001 432
MP2KP21 21. Irritable	0.33704 <.0001 432	0.42104 <.0001 432	0.43748 <.0001 432	0.35115 <.0001 432	0.25616 <.0001 432	0.30414 <.0001 432	0.40979 <.0001 432	0.22478 <.0001 432
MP2KP22 22. Pouts	0.40145 <.0001 432	0.51916 <.0001 432	0.39067 <.0001 432	0.37263 <.0001 432	0.37949 <.0001 432	0.33666 <.0001 432	0.29105 <.0001 432	0.29659 <.0001 432
MP2KP23 23. Negativism	0.25029 <.0001 432	0.15619 0.0011 432	0.15394 0.0013 432	0.20491 <.0001 432	0.14035 0.0035 432	0.26918 <.0001 432	0.24406 <.0001 432	0.10776 0.0251 432
MP2KP24 24. Temper Tantrum	0.33045 <.0001 432	0.39253 <.0001 432	0.22119 <.0001 432	0.41784 <.0001 432	0.27835 <.0001 432	0.39883 <.0001 432	0.47622 <.0001 432	0.09665 0.0447 432
MP2KP25 25. Lies	0.25134 <.0001 432	0.15587 0.0012 432	0.14475 0.0026 432	0.14889 0.0019 432	0.27209 <.0001 432	0.21260 <.0001 432	0.08565 0.0753 432	0.14212 0.0031 432
MP2KP26 26. Argues	0.40262 <.0001 432	0.45189 <.0001 432	0.46155 <.0001 432	0.57057 <.0001 432	0.37809 <.0001 432	0.35626 <.0001 432	0.40394 <.0001 432	0.22018 <.0001 432
MP2KP27 27. Police Contact	0.01262 0.7937 432	-0.05985 0.2144 432	-0.05506 0.2535 432	-0.01823 0.7055 432	-0.05965 0.2160 432	-0.04661 0.3338 432	0.06963 0.1485 432	0.09493 0.0486 432
MP2KP28 28. Firesetting	0.00727 0.8803 432	0.04190 0.3850 432	0.00017 0.9973 432	-0.04234 0.3800 432	-0.03436 0.4763 432	-0.02685 0.5779 432	-0.02552 0.5968 432	-0.02189 0.6500 432
MP2KP29 29. Steals	0.04106 0.3946 432	0.08409 0.0808 432	0.00033 0.9945 432	0.15465 0.0013 432	0.13156 0.0062 432	-0.01751 0.7166 432	0.01464 0.7616 432	0.22501 <.0001 432
MP2KP30 30. Runs Away	0.04315 0.3710 432	-0.00681 0.8877 432	-0.02739 0.5702 432	0.03704 0.4425 432	0.03946 0.4133 432	0.07924 0.1000 432	-0.00633 0.8956 432	0.00631 0.8960 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP2KP18	MP2KP19	MP2KP20	MP2KP21	MP2KP22	MP2KP23	MP2KP24	MP2KP25
MP2KP1 1. Not Eating	0.13199 0.0060 432	0.11605 0.0158 432	0.10962 0.0227 432	0.22947 <.0001 432	0.10084 0.0362 432	0.04252 0.3780 432	0.03719 0.4407 432	0.08317 0.0842 432
MP2KP2 2. Wets/Soils	0.07926 0.0999 432	0.08857 0.0659 432	0.16077 0.0008 432	0.10677 0.0265 432	0.10539 0.0285 432	0.07464 0.1214 432	0.04990 0.3008 432	0.11267 0.0192 432
MP2KP3 3. Fights w. Sib	0.20886 <.0001 404	0.10975 0.0274 404	0.13650 0.0060 404	0.33514 <.0001 404	0.32773 <.0001 404	0.07946 0.1108 404	0.28981 <.0001 404	0.11845 0.0172 404

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	MP2KP18	MP2KP19	MP2KP20	MP2KP21	MP2KP22	MP2KP23	MP2KP24	MP2KP25
MP2KP4 4. Aggressive	0.34221 <.0001 432	0.28963 <.0001 432	0.34237 <.0001 432	0.35077 <.0001 432	0.42371 <.0001 432	0.34406 <.0001 432	0.39006 <.0001 432	0.23361 <.0001 432
MP2KP5 5. Destructive	0.09261 0.0544 432	0.09997 0.0378 432	0.08031 0.0955 432	0.12985 0.0069 432	0.07093 0.1411 432	0.10940 0.0230 432	0.09981 0.0381 432	0.17532 0.0003 432
MP2KP6 6. Hits Others	0.30943 <.0001 432	0.25664 <.0001 432	0.31240 <.0001 432	0.19387 <.0001 432	0.33164 <.0001 432	0.20138 <.0001 432	0.17905 0.0002 432	0.27156 <.0001 432
MP2KP7 7. Sad	0.12724 0.0081 432	0.13336 0.0055 432	0.08049 0.0948 432	0.29178 <.0001 432	0.39458 <.0001 432	0.12514 0.0092 432	0.20597 <.0001 432	0.08636 0.0730 432
MP2KP8 8. Fearful	0.10967 0.0226 432	0.10727 0.0258 432	0.05678 0.2389 432	0.13130 0.0063 432	0.12720 0.0081 432	0.05309 0.2709 432	0.07822 0.1045 432	0.14320 0.0029 432
MP2KP9 9. Teases	0.21163 <.0001 432	0.17414 0.0003 432	0.21147 <.0001 432	0.24580 <.0001 432	0.28306 <.0001 432	0.10774 0.0251 432	0.16657 0.0005 432	0.24730 <.0001 432
MP2KP10 10. Cries	0.16820 0.0004 432	0.21246 <.0001 432	0.18272 0.0001 432	0.33704 <.0001 432	0.40145 <.0001 432	0.25029 <.0001 432	0.33045 <.0001 432	0.25134 <.0001 432
MP2KP11 11. Whines	0.19748 <.0001 432	0.20235 <.0001 432	0.15102 0.0016 432	0.42104 <.0001 432	0.51916 <.0001 432	0.15619 0.0011 432	0.39253 <.0001 432	0.15587 0.0012 432
MP2KP12 12. Complains	0.05910 0.2202 432	0.08154 0.0905 432	0.07439 0.1226 432	0.43748 <.0001 432	0.39067 <.0001 432	0.15394 0.0013 432	0.22119 <.0001 432	0.14475 0.0026 432
MP2KP13 13. Yells	0.24839 <.0001 432	0.16164 0.0007 432	0.25556 <.0001 432	0.35115 <.0001 432	0.37263 <.0001 432	0.20491 <.0001 432	0.41784 <.0001 432	0.14889 0.0019 432
MP2KP14 14. Noncompliant	0.31309 <.0001 432	0.24147 <.0001 432	0.24419 <.0001 432	0.25616 <.0001 432	0.37949 <.0001 432	0.14035 0.0035 432	0.27835 <.0001 432	0.27209 <.0001 432
MP2KP15 15. Defiant	0.37372 <.0001 432	0.39451 <.0001 432	0.32880 <.0001 432	0.30414 <.0001 432	0.33666 <.0001 432	0.26918 <.0001 432	0.39883 <.0001 432	0.21260 <.0001 432
MP2KP16 16. Talks Back Adult	0.12946 0.0071 432	0.14719 0.0022 432	0.15279 0.0014 432	0.40979 <.0001 432	0.29105 <.0001 432	0.24406 <.0001 432	0.47622 <.0001 432	0.08565 0.0753 432
MP2KP17 17. Competitive	0.21256 <.0001 432	0.20720 <.0001 432	0.22645 <.0001 432	0.22478 <.0001 432	0.29659 <.0001 432	0.10776 0.0251 432	0.09665 0.0447 432	0.14212 0.0031 432
MP2KP18 18. Noisy	1.00000 432	0.60667 <.0001 432	0.52652 <.0001 432	0.17560 0.0002 432	0.27281 <.0001 432	0.16314 0.0007 432	0.15327 0.0014 432	0.24442 <.0001 432
MP2KP19 19. Runs Around	0.60667 432	1.00000 432	0.62538 <.0001 432	0.17506 0.0003 432	0.24977 <.0001 432	0.19498 <.0001 432	0.17949 0.0002 432	0.21632 <.0001 432
MP2KP20 20. Hyperactive	0.52652 432	0.62538 <.0001 432	1.00000 432	0.19678 <.0001 432	0.23510 <.0001 432	0.20701 <.0001 432	0.26498 <.0001 432	0.24884 <.0001 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP2KP18	MP2KP19	MP2KP20	MP2KP21	MP2KP22	MP2KP23	MP2KP24	MP2KP25
MP2KP21 21. Irritable	0.17560 0.0002 432	0.17506 0.0003 432	0.19678 <.0001 432	1.00000 432	0.33562 <.0001 432	0.25838 <.0001 432	0.38784 <.0001 432	0.09714 0.0436 432
MP2KP22 22. Pouts	0.27281 <.0001 432	0.24977 <.0001 432	0.23510 <.0001 432	0.33562 <.0001 432	1.00000 432	0.19648 <.0001 432	0.32175 <.0001 432	0.26154 <.0001 432
MP2KP23 23. Negativism	0.16314 0.0007 432	0.19498 <.0001 432	0.20701 <.0001 432	0.25838 <.0001 432	0.19648 <.0001 432	1.00000 432	0.27090 <.0001 432	0.06557 0.1737 432
MP2KP24 24. Temper Tantrum	0.15327 0.0014 432	0.17949 0.0002 432	0.26498 <.0001 432	0.38784 <.0001 432	0.32175 <.0001 432	0.27090 <.0001 432	1.00000 432	0.11194 0.0200 432
MP2KP25 25. Lies	0.24442 <.0001 432	0.21632 <.0001 432	0.24884 <.0001 432	0.09714 0.0436 432	0.26154 <.0001 432	0.06557 0.1737 432	0.11194 0.0200 432	1.00000 432
MP2KP26 26. Argues	0.24929 <.0001 432	0.13806 0.0040 432	0.16076 0.0008 432	0.37395 <.0001 432	0.41893 <.0001 432	0.17821 0.0002 432	0.33429 <.0001 432	0.16775 0.0005 432
MP2KP27 27. Police Contact	0.09450 0.0497 432	-0.01287 0.7897 432	0.10851 0.0241 432	-0.00845 0.8610 432	-0.06803 0.1581 432	0.05146 0.2859 432	-0.03353 0.4870 432	-0.03057 0.5262 432
MP2KP28 28. Firesetting	0.09635 0.0453 432	0.10039 0.0370 432	0.02546 0.5976 432	-0.02712 0.5740 432	-0.03919 0.4166 432	-0.01675 0.7284 432	-0.01932 0.6889 432	-0.01761 0.7151 432
MP2KP29 29. Steals	0.06718 0.1633 432	0.07167 0.1370 432	-0.00465 0.9233 432	0.04605 0.3396 432	0.15406 0.0013 432	-0.03362 0.4858 432	0.09207 0.0559 432	0.11941 0.0130 432
MP2KP30 30. Runs Away	0.05812 0.2280 432	0.06199 0.1984 432	0.07636 0.1130 432	0.03018 0.5316 432	0.05125 0.2878 432	0.05146 0.2859 432	-0.03353 0.4870 432	0.14792 0.0021 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP2KP26	MP2KP27	MP2KP28	MP2KP29	MP2KP30
MP2KP1 1. Not Eating	0.09253 0.0546 432	0.09265 0.0543 432	-0.01618 0.7374 432	0.07221 0.1340 432	-0.02809 0.5604 432
MP2KP2 2. Wets/Soils	0.10939 0.0230 432	-0.02226 0.6445 432	-0.01282 0.7904 432	0.03469 0.4720 432	0.04743 0.3253 432
MP2KP3 3. Fights w. Sib	0.51931 <.0001 404	0.02198 0.6596 404	-0.00310 0.9505 404	0.08868 0.0750 404	0.04934 0.3225 404
MP2KP4 4. Aggressive	0.53932 <.0001 432	0.04864 0.3131 432	-0.03031 0.5298 432	0.20257 <.0001 432	-0.01887 0.6957 432
MP2KP5 5. Destructive	0.06621 0.1696 432	-0.01487 0.7580 432	-0.00856 0.8591 432	-0.01719 0.7217 432	-0.01487 0.7580 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP2KP26	MP2KP27	MP2KP28	MP2KP29	MP2KP30
MP2KP6 6. Hits Others	0.43937 <.0001 432	0.05043 0.2956 432	-0.03128 0.5167 432	0.14912 0.0019 432	0.05043 0.2956 432
MP2KP7 7. Sad	0.34420 <.0001 432	-0.05785 0.2302 432	-0.03332 0.4897 432	0.02533 0.5996 432	0.01305 0.7869 432
MP2KP8 8. Fearful	0.17227 0.0003 432	-0.02983 0.5364 432	-0.01718 0.7218 432	0.08190 0.0891 432	0.10440 0.0300 432
MP2KP9 9. Teases	0.36179 <.0001 432	0.11676 0.0152 432	-0.03642 0.4503 432	0.08296 0.0850 432	0.05677 0.2390 432
MP2KP10 10. Cries	0.40262 <.0001 432	0.01262 0.7937 432	0.00727 0.8803 432	0.04106 0.3946 432	0.04315 0.3710 432
MP2KP11 11. Whines	0.45189 <.0001 432	-0.05985 0.2144 432	0.04190 0.3850 432	0.08409 0.0808 432	-0.00681 0.8877 432
MP2KP12 12. Complains	0.46155 <.0001 432	-0.05506 0.2535 432	0.00017 0.9973 432	0.00033 0.9945 432	-0.02739 0.5702 432
MP2KP13 13. Yells	0.57057 <.0001 432	-0.01823 0.7055 432	-0.04234 0.3800 432	0.15465 0.0013 432	0.03704 0.4425 432
MP2KP14 14. Noncompliant	0.37809 <.0001 432	-0.05965 0.2160 432	-0.03436 0.4763 432	0.13156 0.0062 432	0.03946 0.4133 432
MP2KP15 15. Defiant	0.35626 <.0001 432	-0.04661 0.3338 432	-0.02685 0.5779 432	-0.01751 0.7166 432	0.07924 0.1000 432
MP2KP16 16. Talks Back Adult	0.40394 <.0001 432	0.06963 0.1485 432	-0.02552 0.5968 432	0.01464 0.7616 432	-0.00633 0.8956 432
MP2KP17 17. Competitive	0.22018 <.0001 432	0.09493 0.0486 432	-0.02189 0.6500 432	0.22501 <.0001 432	0.00631 0.8960 432
MP2KP18 18. Noisy	0.24929 <.0001 432	0.09450 0.0497 432	0.09635 0.0453 432	0.06718 0.1633 432	0.05812 0.2280 432
MP2KP19 19. Runs Around	0.13806 0.0040 432	-0.01287 0.7897 432	0.10039 0.0370 432	0.07167 0.1370 432	0.06199 0.1984 432
MP2KP20 20. Hyperactive	0.16076 0.0008 432	0.10851 0.0241 432	0.02546 0.5976 432	-0.00465 0.9233 432	0.07636 0.1130 432
MP2KP21 21. Irritable	0.37395 <.0001 432	-0.00845 0.8610 432	-0.02712 0.5740 432	0.04605 0.3396 432	0.03018 0.5316 432
MP2KP22 22. Pouts	0.41893 <.0001 432	-0.06803 0.1581 432	-0.03919 0.4166 432	0.15406 0.0013 432	0.05125 0.2878 432

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP2KP26	MP2KP27	MP2KP28	MP2KP29	MP2KP30
MP2KP23 23. Negativism	0.17821 0.0002 432	0.05146 0.2859 432	-0.01675 0.7284 432	-0.03362 0.4858 432	0.05146 0.2859 432
MP2KP24 24. Temper Tantrum	0.33429 <.0001 432	-0.03353 0.4870 432	-0.01932 0.6889 432	0.09207 0.0559 432	-0.03353 0.4870 432
MP2KP25 25. Lies	0.16775 0.0005 432	-0.03057 0.5262 432	-0.01761 0.7151 432	0.11941 0.0130 432	0.14792 0.0021 432
MP2KP26 26. Argues	1.00000 432	-0.02004 0.6778 432	-0.04431 0.3583 432	0.20695 <.0001 432	0.06527 0.1757 432
MP2KP27 27. Police Contact	-0.02004 0.6778 432	1.00000 432	-0.00403 0.9335 432	-0.00808 0.8669 432	-0.00699 0.8848 432
MP2KP28 28. Firesetting	-0.04431 0.3583 432	-0.00403 0.9335 432	1.00000 432	-0.00466 0.9231 432	-0.00403 0.9335 432
MP2KP29 29. Steals	0.20695 <.0001 432	-0.00808 0.8669 432	-0.00466 0.9231 432	1.00000 432	-0.00808 0.8669 432
MP2KP30 30. Runs Away	0.06527 0.1757 432	-0.00699 0.8848 432	-0.00403 0.9335 432	-0.00808 0.8669 432	1.00000 432

Parent Daily Report Subscales Year 2 Report Sample

Pearson Correlation Coefficients, N = 432 Prob > r under H0: Rho=0				
	PDR2OAR	PDR2COA	PDR2OAG	PDR2HYP
PDR2OAR Oppositional+Aggressive-Revised - PDR Y2	1.00000	0.85932 <.0001	0.98235 <.0001	0.38992 <.0001
PDR2COA Covert Antisocial - PDR Y2	0.85932 <.0001	1.00000	0.77510 <.0001	0.35768 <.0001
PDR2OAG Oppositional+Aggressive - PDR Y2	0.98235 <.0001	0.77510 <.0001	1.00000	0.39251 <.0001
PDR2HYP Hyperactivity - PDR Y2	0.38992 <.0001	0.35768 <.0001	0.39251 <.0001	1.00000

Appendix

(Scoring program removed)