

Parent Daily Report: PDR – Child Behavior Items

Grade 2/Year 3

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: p3k

Scored: pdr3

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 third year of the study. 36 records were missing responses for the entire measure. 13 were from the control sample (4 from Durham, 2 from Nashville, 3 from Pennsylvania, and 4 from Washington) and 29 were from the normative sample (5 from Durham, 10 from Nashville, 7 from Pennsylvania, and 7 from Washington). Some of these may represent overlap between samples.

It should also be noted that 75 records were missing responses to item MP3KP3 (fights with sibling). The instructions for this item stated that it was only to be asked if the child had a sibling.

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 (PDR3OAR)	.88	.87
Covert Antisocial (PDR3COA)	.62	.58
Oppositional + Aggressive (PDR3OAG)	.86	.86
Hyperactivity (PDR3HYP)	.79	.79

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 of the subscales. In addition, two of the items also indicated significant differences between the normative and control samples. These items were MP3KP5 (destructive) and MP3KP17 (competitive).

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 (PDR3OAR)	0.18	0.15	0.24	0.19	425	3.69	0.0003
Covert Antisocial (PDR3COA)	0.07	0.08	0.11	0.11	425	3.84	0.0001
Oppositional+ Aggressive (PDR3OAG)	0.23	0.19	0.30	0.23	425	3.44	0.0006
Hyperactivity (PDR3HYP)	0.11	0.19	0.23	0.28	425	5.44	<.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 (MP3KP1)	0.05	0.14	0.06	0.18	425	1.05	0.2935
Wets/Soils (MP3KP2)	0.02	0.13	0.05	0.17	425	1.59	0.1130
Destructive (MP3KP5)	0.01	0.07	0.04	0.12	425	2.54	0.0114
Sad (MP3KP7)	0.18	0.25	0.19	0.28	425	0.31	0.7573
Fearful (MP3KP8)	0.06	0.15	0.08	0.20	425	1.43	0.1529
Cries (MP3KP10)	0.23	0.30	0.29	0.35	425	1.93	0.0537
Competitive (MP3KP17)	0.12	0.24	0.19	0.30	425	2.58	0.0103
Runs Away (MP3KP30)	0.002	0.03	0.00	0.00	425	-1.00	0.3182

V. Recommendations for Use

Analysts should note that two subscales were positively skewed, *Covert Antisocial* and *Hyperactivity*, for both the normative and control samples. The other two subscales were fairly normally distributed for both the normative and control samples.

VI. Scale Means and SD's

Parent Daily Report Items Year 3 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP3KP1	1. Not Eating	358	0.0465549	0.1400466	0	1.0000000
MP3KP2	2. Wets/Soils	358	0.0288641	0.1370123	0	1.0000000
MP3KP3	3. Fights w. Sib	325	0.3876923	0.3767310	0	1.0000000
MP3KP4	4. Aggressive	358	0.1694600	0.2718651	0	1.0000000
MP3KP5	5. Destructive	358	0.0148976	0.0733463	0	0.6666667
MP3KP6	6. Hits Others	358	0.1545624	0.2550626	0	1.0000000
MP3KP7	7. Sad	358	0.1857542	0.2575206	0	1.0000000
MP3KP8	8. Fearful	358	0.0586592	0.1577083	0	1.0000000
MP3KP9	9. Teases	358	0.2700186	0.3559480	0	1.0000000
MP3KP10	10. Cries	358	0.2351024	0.3071712	0	1.0000000
MP3KP11	11. Whines	358	0.3291434	0.3551206	0	1.0000000
MP3KP12	12. Complains	358	0.3556797	0.3530099	0	1.0000000
MP3KP13	13. Yells	358	0.2998138	0.3449786	0	1.0000000
MP3KP14	14. Noncompliant	358	0.2006518	0.2858466	0	1.0000000
MP3KP15	15. Defiant	358	0.1094041	0.2243260	0	1.0000000
MP3KP16	16. Talks Back Adult	358	0.1354749	0.2635174	0	1.0000000
MP3KP17	17. Competitive	358	0.1331471	0.2592094	0	1.0000000
MP3KP18	18. Noisy	358	0.1378026	0.2645196	0	1.0000000
MP3KP19	19. Runs Around	358	0.1391993	0.2579692	0	1.0000000
MP3KP20	20. Hyperactive	358	0.1382682	0.2787480	0	1.0000000
MP3KP21	21. Irritable	358	0.1638734	0.2808744	0	1.0000000
MP3KP22	22. Pouts	358	0.2239292	0.3124579	0	1.0000000
MP3KP23	23. Negativism	358	0.0353818	0.1343177	0	1.0000000
MP3KP24	24. Temper Tantrum	358	0.0689013	0.1822363	0	1.0000000
MP3KP25	25. Lies	358	0.0521415	0.1570426	0	1.0000000
MP3KP26	26. Argues	358	0.3040037	0.3472709	0	1.0000000
MP3KP27	27. Police Contact	358	0.0037244	0.0350861	0	0.3333333
MP3KP28	28. Firesetting	358	0	0	0	0
MP3KP29	29. Steals	358	0.0027933	0.0304283	0	0.3333333
MP3KP30	30. Runs Away	358	0.0018622	0.0248796	0	0.3333333

Parent Daily Report Subscales Year 3 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR3OAR	Oppositional+Aggressive-Revised - PDR Y3	358	0.1865049	0.1622566	0	0.7555556
PDR3COA	Covert Antisocial - PDR Y3	358	0.0788524	0.0940813	0	0.5000000
PDR3OAG	Oppositional+Aggressive - PDR Y3	358	0.2379042	0.2011654	0	0.9393939
PDR3HYP	Hyperactivity - PDR Y3	358	0.1384233	0.2250342	0	1.0000000

Parent Daily Report Items Year 3 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP3KP1	1. Not Eating	142	0.0633803	0.1772440	0	1.0000000
MP3KP2	2. Wets/Soils	142	0.0469484	0.1711756	0	1.0000000
MP3KP3	3. Fights w. Sib	133	0.3947368	0.3779896	0	1.0000000
MP3KP4	4. Aggressive	142	0.2394366	0.3209673	0	1.0000000
MP3KP5	5. Destructive	142	0.0352113	0.1236925	0	1.0000000
MP3KP6	6. Hits Others	142	0.2018779	0.2861603	0	1.0000000
MP3KP7	7. Sad	142	0.1924883	0.2759722	0	1.0000000
MP3KP8	8. Fearful	142	0.0798122	0.2021538	0	1.0000000
MP3KP9	9. Teases	142	0.3732394	0.3919650	0	1.0000000
MP3KP10	10. Cries	142	0.2887324	0.3466123	0	1.0000000
MP3KP11	11. Whines	142	0.3708920	0.3911926	0	1.0000000
MP3KP12	12. Complains	142	0.4107981	0.3674406	0	1.0000000
MP3KP13	13. Yells	142	0.3403756	0.3626979	0	1.0000000
MP3KP14	14. Noncompliant	142	0.3122066	0.3205954	0	1.0000000
MP3KP15	15. Defiant	142	0.1877934	0.2763741	0	1.0000000
MP3KP16	16. Talks Back Adult	142	0.2065728	0.3338823	0	1.0000000
MP3KP17	17. Competitive	142	0.1889671	0.2992168	0	1.0000000
MP3KP18	18. Noisy	142	0.2136150	0.3184417	0	1.0000000
MP3KP19	19. Runs Around	142	0.2323944	0.3200410	0	1.0000000
MP3KP20	20. Hyperactive	142	0.2464789	0.3565874	0	1.0000000
MP3KP21	21. Irritable	142	0.2206573	0.3072215	0	1.0000000
MP3KP22	22. Pouts	142	0.2723005	0.3312458	0	1.0000000
MP3KP23	23. Negativism	142	0.0610329	0.1713053	0	1.0000000
MP3KP24	24. Temper Tantrum	142	0.1126761	0.2206350	0	1.0000000
MP3KP25	25. Lies	142	0.0915493	0.2106105	0	1.0000000
MP3KP26	26. Argues	142	0.3638498	0.3722124	0	1.0000000
MP3KP27	27. Police Contact	142	0.0070423	0.0481053	0	0.3333333
MP3KP28	28. Firesetting	142	0	0	0	0
MP3KP29	29. Steals	142	0.0093897	0.0553471	0	0.3333333
MP3KP30	30. Runs Away	142	0	0	0	0

Parent Daily Report Subscales Year 3 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR3OAR	Oppositional+Aggressive-Revised - PDR Y3	142	0.2395100	0.1868500	0	0.7555556
PDR3COA	Covert Antisocial - PDR Y3	142	0.1082746	0.1108589	0	0.5000000
PDR3OAG	Oppositional+Aggressive - PDR Y3	142	0.3003201	0.2260903	0	0.9333333
PDR3HYP	Hyperactivity - PDR Y3	142	0.2308294	0.2788628	0	1.0000000

VII. Item and Scale Correlations

Parent Daily Report Items Year 3 Report Sample

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	MP3KP1	MP3KP2	MP3KP3	MP3KP4	MP3KP5	MP3KP6	MP3KP7	MP3KP8	MP3KP9
MP3KP1 1. Not Eating	1.00000 0.2016 427	-0.06192 0.2016 427	0.10668 0.0357 388	0.17939 0.0002 427	0.05761 0.2349 427	0.04659 0.3369 427	0.13315 0.0059 427	0.06316 0.1927 427	0.08703 0.0724 427
MP3KP2 2. Wets/Soils	-0.06192 0.2016 427	1.00000 0.2016 427	-0.01085 0.8313 388	0.08553 0.0775 427	-0.00680 0.8886 427	0.04671 0.3356 427	0.03853 0.4271 427	0.01506 0.7564 427	-0.00645 0.8942 427
MP3KP3 3. Fights w. Sib	0.10668 0.0357 388	-0.01085 0.8313 388	1.00000 0.0357 388	0.43783 <.0001 388	0.11520 0.0232 388	0.44147 <.0001 388	0.20595 <.0001 388	0.13958 0.0059 388	0.45298 <.0001 388
MP3KP4 4. Aggressive	0.17939 0.0002 427	0.08553 0.0775 427	0.43783 <.0001 388	1.00000 0.0002 427	0.14783 0.0022 427	0.41872 <.0001 427	0.28613 <.0001 427	0.13792 0.0043 427	0.38309 <.0001 427
MP3KP5 5. Destructive	0.05761 0.2349 427	-0.00680 0.8886 427	0.11520 0.0232 388	0.14783 0.0022 427	1.00000 0.0022 427	0.23259 <.0001 427	0.19857 <.0001 427	0.05540 0.2533 427	0.14807 0.0022 427
MP3KP6 6. Hits Others	0.04659 0.3369 427	0.04671 0.3356 427	0.44147 <.0001 388	0.41872 <.0001 427	0.23259 <.0001 427	1.00000 <.0001 427	0.25505 <.0001 427	0.15855 0.0010 427	0.44800 <.0001 427
MP3KP7 7. Sad	0.13315 0.0059 427	0.03853 0.4271 427	0.20595 <.0001 388	0.28613 <.0001 427	0.19857 <.0001 427	0.25505 <.0001 427	1.00000 0.0001 427	0.18701 0.0001 427	0.21403 <.0001 427
MP3KP8 8. Fearful	0.06316 0.1927 427	0.01506 0.7564 427	0.13958 0.0059 388	0.13792 0.0043 427	0.05540 0.2533 427	0.15855 0.0010 427	0.18701 0.0001 427	1.00000 0.0001 427	0.17406 0.0003 427
MP3KP9 9. Teases	0.08703 0.0724 427	-0.00645 0.8942 427	0.45298 <.0001 388	0.38309 <.0001 427	0.14807 0.0022 427	0.44800 <.0001 427	0.21403 <.0001 427	0.17406 0.0003 427	1.00000 0.0003 427
MP3KP10 10. Cries	0.10420 0.0313 427	0.04778 0.3246 427	0.35049 <.0001 388	0.26978 <.0001 427	0.19595 <.0001 427	0.34904 <.0001 427	0.48237 <.0001 427	0.14666 0.0024 427	0.30074 <.0001 427
MP3KP11 11. Whines	0.10571 0.0290 427	-0.00394 0.9352 427	0.42393 <.0001 388	0.35977 <.0001 427	0.13827 0.0042 427	0.34564 <.0001 427	0.33292 <.0001 427	0.14570 0.0025 427	0.33229 <.0001 427
MP3KP12 12. Complains	0.12177 0.0118 427	0.02066 0.6703 427	0.36856 <.0001 388	0.35186 <.0001 427	0.08745 0.0710 427	0.31396 <.0001 427	0.40826 <.0001 427	0.18039 0.0002 427	0.40191 <.0001 427
MP3KP13 13. Yells	0.09952 0.0398 427	0.10046 0.0380 427	0.61735 <.0001 388	0.49409 <.0001 427	0.10633 0.0280 427	0.44501 <.0001 427	0.29338 <.0001 427	0.11036 0.0226 427	0.41999 <.0001 427
MP3KP14 14. Noncompliant	0.08107 0.0943 427	0.04138 0.3937 427	0.22759 <.0001 388	0.33913 <.0001 427	0.14311 0.0030 427	0.26826 <.0001 427	0.21090 <.0001 427	0.15159 0.0017 427	0.27937 <.0001 427
MP3KP15 15. Defiant	0.08423 0.0821 427	0.08044 0.0969 427	0.29490 <.0001 388	0.38374 <.0001 427	0.26930 <.0001 427	0.28525 <.0001 427	0.20042 <.0001 427	0.12205 0.0116 427	0.31771 <.0001 427
MP3KP16 16. Talks Back Adult	0.17011 0.0004 427	0.06857 0.1572 427	0.31691 <.0001 388	0.41525 <.0001 427	0.22940 <.0001 427	0.25657 <.0001 427	0.28731 <.0001 427	0.07033 0.1468 427	0.28536 <.0001 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	MP3KP1	MP3KP2	MP3KP3	MP3KP4	MP3KP5	MP3KP6	MP3KP7	MP3KP8	MP3KP9
MP3KP17 17. Competitive	0.08562 0.0772 427	0.07418 0.1259 427	0.13225 0.0091 388	0.32599 <.0001 427	0.15535 0.0013 427	0.14911 0.0020 427	0.22166 <.0001 427	0.14190 0.0033 427	0.27006 <.0001 427
MP3KP18 18. Noisy	0.04405 0.3639 427	0.00449 0.9262 427	0.14017 0.0057 388	0.20653 <.0001 427	0.10883 0.0245 427	0.16076 0.0009 427	0.07171 0.1391 427	0.08556 0.0774 427	0.18129 0.0002 427
MP3KP19 19. Runs Around	0.04802 0.3222 427	0.01609 0.7403 427	0.10589 0.0371 388	0.20127 <.0001 427	0.18590 0.0001 427	0.16175 0.0008 427	0.07738 0.1103 427	0.14249 0.0032 427	0.18269 0.0001 427
MP3KP20 20. Hyperactive	0.05086 0.2944 427	0.06120 0.2069 427	0.05202 0.3068 388	0.18885 <.0001 427	0.18347 0.0001 427	0.13783 0.0043 427	0.06152 0.2046 427	0.08135 0.0932 427	0.11126 0.0215 427
MP3KP21 21. Irritable	0.19150 <.0001 427	0.05420 0.2638 427	0.25145 <.0001 388	0.41477 <.0001 427	0.09397 0.0523 427	0.20906 <.0001 427	0.34494 <.0001 427	0.18385 0.0001 427	0.23835 <.0001 427
MP3KP22 22. Pouts	0.13984 0.0038 427	0.03965 0.4138 427	0.25547 <.0001 388	0.35196 <.0001 427	0.07710 0.1116 427	0.22528 <.0001 427	0.39348 <.0001 427	0.15724 0.0011 427	0.28443 <.0001 427
MP3KP23 23. Negativism	0.17563 0.0003 427	0.05747 0.2360 427	0.05837 0.2514 388	0.28449 <.0001 427	0.10667 0.0275 427	0.10203 0.0351 427	0.18477 0.0001 427	0.10820 0.0254 427	0.16790 0.0005 427
MP3KP24 24. Temper Tantrum	0.12422 0.0102 427	0.08154 0.0924 427	0.22522 <.0001 388	0.36235 <.0001 427	0.16565 0.0006 427	0.21597 <.0001 427	0.11391 0.0185 427	0.08719 0.0719 427	0.26673 <.0001 427
MP3KP25 25. Lies	0.03935 0.4174 427	0.01416 0.7704 427	0.09932 0.0506 388	0.22059 <.0001 427	0.21213 <.0001 427	0.31292 <.0001 427	0.14181 0.0033 427	-0.00635 0.8959 427	0.25061 <.0001 427
MP3KP26 26. Argues	0.11479 0.0176 427	0.02661 0.5835 427	0.56139 <.0001 388	0.45260 <.0001 427	0.15150 0.0017 427	0.40819 <.0001 427	0.30070 <.0001 427	0.23593 <.0001 427	0.43544 <.0001 427
MP3KP27 27. Police Contact	0.01019 0.8337 427	0.12713 0.0085 427	0.00533 0.9166 388	0.08501 0.0793 427	-0.02345 0.6289 427	0.09556 0.0484 427	0.14497 0.0027 427	0.04518 0.3517 427	0.01157 0.8116 427
MP3KP28 28. Firesetting	. . . 427	. . . 427	. . . 388	. . . 427	. . . 427	. . . 427	. . . 427	. . . 427	. . . 427
MP3KP29 29. Steals	0.01019 0.8337 427	0.02670 0.5822 427	0.04122 0.4181 388	0.18821 <.0001 427	-0.02345 0.6289 427	0.12300 0.0110 427	0.03336 0.4918 427	0.04518 0.3517 427	0.13015 0.0071 427
MP3KP30 30. Runs Away	-0.02338 0.6299 427	-0.01482 0.7600 427	-0.04382 0.3893 388	-0.04398 0.3646 427	-0.01478 0.7607 427	-0.04354 0.3695 427	-0.00535 0.9122 427	-0.02568 0.5967 427	0.00729 0.8806 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP3KP10	MP3KP11	MP3KP12	MP3KP13	MP3KP14	MP3KP15	MP3KP16	MP3KP17
MP3KP1 1. Not Eating	0.10420 0.0313 427	0.10571 0.0290 427	0.12177 0.0118 427	0.09952 0.0398 427	0.08107 0.0943 427	0.08423 0.0821 427	0.17011 0.0004 427	0.08562 0.0772 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP3KP10	MP3KP11	MP3KP12	MP3KP13	MP3KP14	MP3KP15	MP3KP16	MP3KP17
MP3KP2 2. Wets/Soils	0.04778 0.3246 427	-0.00394 0.9352 427	0.02066 0.6703 427	0.10046 0.0380 427	0.04138 0.3937 427	0.08044 0.0969 427	0.06857 0.1572 427	0.07418 0.1259 427
MP3KP3 3. Fights w. Sib	0.35049 <.0001 388	0.42393 <.0001 388	0.36856 <.0001 388	0.61735 <.0001 388	0.22759 <.0001 388	0.29490 <.0001 388	0.31691 <.0001 388	0.13225 0.0091 388
MP3KP4 4. Aggressive	0.26978 <.0001 427	0.35977 <.0001 427	0.35186 <.0001 427	0.49409 <.0001 427	0.33913 <.0001 427	0.38374 <.0001 427	0.41525 <.0001 427	0.32599 <.0001 427
MP3KP5 5. Destructive	0.19595 <.0001 427	0.13827 0.0042 427	0.08745 0.0710 427	0.10633 0.0280 427	0.14311 0.0030 427	0.26930 <.0001 427	0.22940 <.0001 427	0.15535 0.0013 427
MP3KP6 6. Hits Others	0.34904 <.0001 427	0.34564 <.0001 427	0.31396 <.0001 427	0.44501 <.0001 427	0.26826 <.0001 427	0.28525 <.0001 427	0.25657 <.0001 427	0.14911 0.0020 427
MP3KP7 7. Sad	0.48237 <.0001 427	0.33292 <.0001 427	0.40826 <.0001 427	0.29338 <.0001 427	0.21090 <.0001 427	0.20042 <.0001 427	0.28731 <.0001 427	0.22166 <.0001 427
MP3KP8 8. Fearful	0.14666 0.0024 427	0.14570 0.0025 427	0.18039 0.0002 427	0.11036 0.0226 427	0.15159 0.0017 427	0.12205 0.0116 427	0.07033 0.1468 427	0.14190 0.0033 427
MP3KP9 9. Teases	0.30074 <.0001 427	0.33229 <.0001 427	0.40191 <.0001 427	0.41999 <.0001 427	0.27937 <.0001 427	0.31771 <.0001 427	0.28536 <.0001 427	0.27006 <.0001 427
MP3KP10 10. Cries	1.00000 427	0.46035 <.0001 427	0.41461 <.0001 427	0.34151 <.0001 427	0.24327 <.0001 427	0.27875 <.0001 427	0.25048 <.0001 427	0.15533 0.0013 427
MP3KP11 11. Whines	0.46035 <.0001 427	1.00000 427	0.52693 <.0001 427	0.40712 <.0001 427	0.31777 <.0001 427	0.28008 <.0001 427	0.35663 <.0001 427	0.24568 <.0001 427
MP3KP12 12. Complains	0.41461 <.0001 427	0.52693 <.0001 427	1.00000 427	0.40955 <.0001 427	0.34437 <.0001 427	0.27729 <.0001 427	0.31850 <.0001 427	0.27393 <.0001 427
MP3KP13 13. Yells	0.34151 <.0001 427	0.40712 <.0001 427	0.40955 <.0001 427	1.00000 427	0.25195 <.0001 427	0.33259 <.0001 427	0.39447 <.0001 427	0.19223 <.0001 427
MP3KP14 14. Noncompliant	0.24327 <.0001 427	0.31777 <.0001 427	0.34437 <.0001 427	0.25195 <.0001 427	1.00000 427	0.41926 <.0001 427	0.30794 <.0001 427	0.22214 <.0001 427
MP3KP15 15. Defiant	0.27875 <.0001 427	0.28008 <.0001 427	0.27729 <.0001 427	0.33259 <.0001 427	0.41926 <.0001 427	1.00000 427	0.42042 <.0001 427	0.24220 <.0001 427
MP3KP16 16. Talks Back Adult	0.25048 <.0001 427	0.35663 <.0001 427	0.31850 <.0001 427	0.39447 <.0001 427	0.30794 <.0001 427	0.42042 <.0001 427	1.00000 427	0.18592 0.0001 427
MP3KP17 17. Competitive	0.15533 0.0013 427	0.24568 <.0001 427	0.27393 <.0001 427	0.19223 <.0001 427	0.22214 <.0001 427	0.24220 <.0001 427	0.18592 0.0001 427	1.00000 427
MP3KP18 18. Noisy	0.09511 0.0495 427	0.15816 0.0010 427	0.09825 0.0424 427	0.14406 0.0028 427	0.21032 <.0001 427	0.09809 0.0428 427	0.03926 0.4184 427	0.24515 <.0001 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP3KP10	MP3KP11	MP3KP12	MP3KP13	MP3KP14	MP3KP15	MP3KP16	MP3KP17
MP3KP19 19. Runs Around	0.10498 0.0301 427	0.07303 0.1319 427	0.05668 0.2425 427	0.13794 0.0043 427	0.23216 <.0001 427	0.18959 <.0001 427	0.04639 0.3390 427	0.24166 <.0001 427
MP3KP20 20. Hyperactive	0.12213 0.0115 427	0.13097 0.0067 427	0.05439 0.2621 427	0.11860 0.0142 427	0.20258 <.0001 427	0.12594 0.0092 427	0.03906 0.4207 427	0.22369 <.0001 427
MP3KP21 21. Irritable	0.28007 <.0001 427	0.43929 <.0001 427	0.43112 <.0001 427	0.34786 <.0001 427	0.22166 <.0001 427	0.30328 <.0001 427	0.44533 <.0001 427	0.18328 0.0001 427
MP3KP22 22. Pouts	0.36969 <.0001 427	0.58444 <.0001 427	0.45636 <.0001 427	0.31100 <.0001 427	0.27216 <.0001 427	0.30095 <.0001 427	0.28482 <.0001 427	0.21820 <.0001 427
MP3KP23 23. Negativism	0.21349 <.0001 427	0.17622 0.0003 427	0.15193 0.0016 427	0.12305 0.0109 427	0.26911 <.0001 427	0.25121 <.0001 427	0.22202 <.0001 427	0.21384 <.0001 427
MP3KP24 24. Temper Tantrum	0.30747 <.0001 427	0.37984 <.0001 427	0.24760 <.0001 427	0.36401 <.0001 427	0.24250 <.0001 427	0.28690 <.0001 427	0.40302 <.0001 427	0.14100 0.0035 427
MP3KP25 25. Lies	0.16389 0.0007 427	0.15054 0.0018 427	0.15965 0.0009 427	0.17123 0.0004 427	0.28815 <.0001 427	0.24283 <.0001 427	0.15070 0.0018 427	0.18622 0.0001 427
MP3KP26 26. Argues	0.34463 <.0001 427	0.51877 <.0001 427	0.57465 <.0001 427	0.53497 <.0001 427	0.35850 <.0001 427	0.40236 <.0001 427	0.42963 <.0001 427	0.25736 <.0001 427
MP3KP27 27. Police Contact	0.14512 0.0026 427	0.05789 0.2326 427	0.08855 0.0676 427	0.06618 0.1722 427	0.16656 0.0005 427	0.09878 0.0413 427	-0.00482 0.9208 427	0.16074 0.0009 427
MP3KP28 28. Firesetting	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427
MP3KP29 29. Steals	0.09901 0.0409 427	0.11776 0.0149 427	0.06838 0.1584 427	0.14923 0.0020 427	0.01774 0.7146 427	0.06771 0.1625 427	0.02142 0.6589 427	0.16074 0.0009 427
MP3KP30 30. Runs Away	0.05513 0.2557 427	-0.00125 0.9794 427	0.02403 0.6204 427	0.00245 0.9597 427	-0.05134 0.2898 427	-0.03565 0.4624 427	-0.03612 0.4566 427	-0.03692 0.4467 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP3KP18	MP3KP19	MP3KP20	MP3KP21	MP3KP22	MP3KP23	MP3KP24	MP3KP25
MP3KP1 1. Not Eating	0.04405 0.3639 427	0.04802 0.3222 427	0.05086 0.2944 427	0.19150 <.0001 427	0.13984 0.0038 427	0.17563 0.0003 427	0.12422 0.0102 427	0.03935 0.4174 427
MP3KP2 2. Wets/Soils	0.00449 0.9262 427	0.01609 0.7403 427	0.06120 0.2069 427	0.05420 0.2638 427	0.03965 0.4138 427	0.05747 0.2360 427	0.08154 0.0924 427	0.01416 0.7704 427
MP3KP3 3. Fights w. Sib	0.14017 0.0057 388	0.10589 0.0371 388	0.05202 0.3068 388	0.25145 <.0001 388	0.25547 <.0001 388	0.05837 0.2514 388	0.22522 <.0001 388	0.09932 0.0506 388

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP3KP18	MP3KP19	MP3KP20	MP3KP21	MP3KP22	MP3KP23	MP3KP24	MP3KP25
MP3KP4 4. Aggressive	0.20653 <.0001 427	0.20127 <.0001 427	0.18885 <.0001 427	0.41477 <.0001 427	0.35196 <.0001 427	0.28449 <.0001 427	0.36235 <.0001 427	0.22059 <.0001 427
MP3KP5 5. Destructive	0.10883 0.0245 427	0.18590 0.0001 427	0.18347 0.0001 427	0.09397 0.0523 427	0.07710 0.1116 427	0.10667 0.0275 427	0.16565 0.0006 427	0.21213 <.0001 427
MP3KP6 6. Hits Others	0.16076 0.0009 427	0.16175 0.0008 427	0.13783 0.0043 427	0.20906 <.0001 427	0.22528 <.0001 427	0.10203 0.0351 427	0.21597 <.0001 427	0.31292 <.0001 427
MP3KP7 7. Sad	0.07171 0.1391 427	0.07738 0.1103 427	0.06152 0.2046 427	0.34494 <.0001 427	0.39348 <.0001 427	0.18477 0.0001 427	0.11391 0.0185 427	0.14181 0.0033 427
MP3KP8 8. Fearful	0.08556 0.0774 427	0.14249 0.0032 427	0.08135 0.0932 427	0.18385 0.0001 427	0.15724 0.0011 427	0.10820 0.0254 427	0.08719 0.0719 427	-0.00635 0.8959 427
MP3KP9 9. Teases	0.18129 0.0002 427	0.18269 0.0001 427	0.11126 0.0215 427	0.23835 <.0001 427	0.28443 <.0001 427	0.16790 0.0005 427	0.26673 <.0001 427	0.25061 <.0001 427
MP3KP10 10. Cries	0.09511 0.0495 427	0.10498 0.0301 427	0.12213 0.0115 427	0.28007 <.0001 427	0.36969 <.0001 427	0.21349 <.0001 427	0.30747 <.0001 427	0.16389 0.0007 427
MP3KP11 11. Whines	0.15816 0.0010 427	0.07303 0.1319 427	0.13097 0.0067 427	0.43929 <.0001 427	0.58444 <.0001 427	0.17622 0.0003 427	0.37984 <.0001 427	0.15054 0.0018 427
MP3KP12 12. Complains	0.09825 0.0424 427	0.05668 0.2425 427	0.05439 0.2621 427	0.43112 <.0001 427	0.45636 <.0001 427	0.15193 0.0016 427	0.24760 <.0001 427	0.15965 0.0009 427
MP3KP13 13. Yells	0.14406 0.0028 427	0.13794 0.0043 427	0.11860 0.0142 427	0.34786 <.0001 427	0.31100 <.0001 427	0.12305 0.0109 427	0.36401 <.0001 427	0.17123 0.0004 427
MP3KP14 14. Noncompliant	0.21032 <.0001 427	0.23216 <.0001 427	0.20258 <.0001 427	0.22166 <.0001 427	0.27216 <.0001 427	0.26911 <.0001 427	0.24250 <.0001 427	0.28815 <.0001 427
MP3KP15 15. Defiant	0.09809 0.0428 427	0.18959 <.0001 427	0.12594 0.0092 427	0.30328 <.0001 427	0.30095 <.0001 427	0.25121 <.0001 427	0.28690 <.0001 427	0.24283 <.0001 427
MP3KP16 16. Talks Back Adult	0.03926 0.4184 427	0.04639 0.3390 427	0.03906 0.4207 427	0.44533 <.0001 427	0.28482 <.0001 427	0.22202 <.0001 427	0.40302 <.0001 427	0.15070 0.0018 427
MP3KP17 17. Competitive	0.24515 <.0001 427	0.24166 <.0001 427	0.22369 <.0001 427	0.18328 0.0001 427	0.21820 <.0001 427	0.21384 <.0001 427	0.14100 0.0035 427	0.18622 0.0001 427
MP3KP18 18. Noisy	1.00000 427	0.62261 <.0001 427	0.45822 <.0001 427	0.06846 0.1579 427	0.14523 0.0026 427	0.15976 0.0009 427	0.15206 0.0016 427	0.24184 <.0001 427
MP3KP19 19. Runs Around	0.62261 <.0001 427	1.00000 427	0.61366 <.0001 427	0.07080 0.1442 427	0.12918 0.0075 427	0.21818 <.0001 427	0.19496 <.0001 427	0.19419 <.0001 427
MP3KP20 20. Hyperactive	0.45822 <.0001 427	0.61366 <.0001 427	1.00000 427	0.00261 0.9571 427	0.13008 0.0071 427	0.14712 0.0023 427	0.22337 <.0001 427	0.14759 0.0022 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	MP3KP18	MP3KP19	MP3KP20	MP3KP21	MP3KP22	MP3KP23	MP3KP24	MP3KP25
MP3KP21 21. Irritable	0.06846 0.1579 427	0.07080 0.1442 427	0.00261 0.9571 427	1.00000 427	0.44900 <.0001 427	0.34285 <.0001 427	0.42881 <.0001 427	0.14568 0.0025 427
MP3KP22 22. Pouts	0.14523 0.0026 427	0.12918 0.0075 427	0.13008 0.0071 427	0.44900 <.0001 427	1.00000 427	0.27846 <.0001 427	0.35511 <.0001 427	0.21976 <.0001 427
MP3KP23 23. Negativism	0.15976 0.0009 427	0.21818 <.0001 427	0.14712 0.0023 427	0.34285 <.0001 427	0.27846 <.0001 427	1.00000 427	0.38405 <.0001 427	0.23292 <.0001 427
MP3KP24 24. Temper Tantrum	0.15206 0.0016 427	0.19496 <.0001 427	0.22337 <.0001 427	0.42881 <.0001 427	0.35511 <.0001 427	0.38405 <.0001 427	1.00000 427	0.07411 0.1263 427
MP3KP25 25. Lies	0.24184 <.0001 427	0.19419 <.0001 427	0.14759 0.0022 427	0.14568 0.0025 427	0.21976 <.0001 427	0.23292 <.0001 427	0.07411 0.1263 427	1.00000 427
MP3KP26 26. Argues	0.14925 0.0020 427	0.14965 0.0019 427	0.16397 0.0007 427	0.39287 <.0001 427	0.42665 <.0001 427	0.17204 0.0004 427	0.31499 <.0001 427	0.17976 0.0002 427
MP3KP27 27. Police Contact	0.07661 0.1139 427	0.04963 0.3062 427	0.06795 0.1610 427	0.01103 0.8202 427	0.05737 0.2368 427	0.07490 0.1223 427	0.07577 0.1180 427	0.09809 0.0428 427
MP3KP28 28. Firesetting	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427	. .br/>427
MP3KP29 29. Steals	0.10365 0.0322 427	0.02195 0.6511 427	0.06795 0.1610 427	0.11516 0.0173 427	0.12640 0.0089 427	0.02238 0.6446 427	0.23435 <.0001 427	0.14356 0.0029 427
MP3KP30 30. Runs Away	-0.03691 0.4468 427	-0.03851 0.4273 427	0.08181 0.0913 427	-0.04226 0.3837 427	0.05791 0.2324 427	-0.01899 0.6956 427	0.09772 0.0436 427	-0.02416 0.6186 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP3KP26	MP3KP27	MP3KP28	MP3KP29	MP3KP30
MP3KP1 1. Not Eating	0.11479 0.0176 427	0.01019 0.8337 427	. .br/>427	0.01019 0.8337 427	-0.02338 0.6299 427
MP3KP2 2. Wets/Soils	0.02661 0.5835 427	0.12713 0.0085 427	. .br/>427	0.02670 0.5822 427	-0.01482 0.7600 427
MP3KP3 3. Fights w. Sib	0.56139 <.0001 388	0.00533 0.9166 388	. .br/>388	0.04122 0.4181 388	-0.04382 0.3893 388
MP3KP4 4. Aggressive	0.45260 <.0001 427	0.08501 0.0793 427	. .br/>427	0.18821 <.0001 427	-0.04398 0.3646 427
MP3KP5 5. Destructive	0.15150 0.0017 427	-0.02345 0.6289 427	. .br/>427	-0.02345 0.6289 427	-0.01478 0.7607 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP3KP26	MP3KP27	MP3KP28	MP3KP29	MP3KP30
MP3KP6 6. Hits Others	0.40819 <.0001 427	0.09556 0.0484 427	. . 427	0.12300 0.0110 427	-0.04354 0.3695 427
MP3KP7 7. Sad	0.30070 <.0001 427	0.14497 0.0027 427	. . 427	0.03336 0.4918 427	-0.00535 0.9122 427
MP3KP8 8. Fearful	0.23593 <.0001 427	0.04518 0.3517 427	. . 427	0.04518 0.3517 427	-0.02568 0.5967 427
MP3KP9 9. Teases	0.43544 <.0001 427	0.01157 0.8116 427	. . 427	0.13015 0.0071 427	0.00729 0.8806 427
MP3KP10 10. Cries	0.34463 <.0001 427	0.14512 0.0026 427	. . 427	0.09901 0.0409 427	0.05513 0.2557 427
MP3KP11 11. Whines	0.51877 <.0001 427	0.05789 0.2326 427	. . 427	0.11776 0.0149 427	-0.00125 0.9794 427
MP3KP12 12. Complains	0.57465 <.0001 427	0.08855 0.0676 427	. . 427	0.06838 0.1584 427	0.02403 0.6204 427
MP3KP13 13. Yells	0.53497 <.0001 427	0.06618 0.1722 427	. . 427	0.14923 0.0020 427	0.00245 0.9597 427
MP3KP14 14. Noncompliant	0.35850 <.0001 427	0.16656 0.0005 427	. . 427	0.01774 0.7146 427	-0.05134 0.2898 427
MP3KP15 15. Defiant	0.40236 <.0001 427	0.09878 0.0413 427	. . 427	0.06771 0.1625 427	-0.03565 0.4624 427
MP3KP16 16. Talks Back Adult	0.42963 <.0001 427	-0.00482 0.9208 427	. . 427	0.02142 0.6589 427	-0.03612 0.4566 427
MP3KP17 17. Competitive	0.25736 <.0001 427	0.16074 0.0009 427	. . 427	0.16074 0.0009 427	-0.03692 0.4467 427
MP3KP18 18. Noisy	0.14925 0.0020 427	0.07661 0.1139 427	. . 427	0.10365 0.0322 427	-0.03691 0.4468 427
MP3KP19 19. Runs Around	0.14965 0.0019 427	0.04963 0.3062 427	. . 427	0.02195 0.6511 427	-0.03851 0.4273 427
MP3KP20 20. Hyperactive	0.16397 0.0007 427	0.06795 0.1610 427	. . 427	0.06795 0.1610 427	0.08181 0.0913 427
MP3KP21 21. Irritable	0.39287 <.0001 427	0.01103 0.8202 427	. . 427	0.11516 0.0173 427	-0.04226 0.3837 427
MP3KP22 22. Pouts	0.42665 <.0001 427	0.05737 0.2368 427	. . 427	0.12640 0.0089 427	0.05791 0.2324 427

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	MP3KP26	MP3KP27	MP3KP28	MP3KP29	MP3KP30
MP3KP23 23. Negativism	0.17204 0.0004 427	0.07490 0.1223 427	. . 427	0.02238 0.6446 427	-0.01899 0.6956 427
MP3KP24 24. Temper Tantrum	0.31499 <.0001 427	0.07577 0.1180 427	. . 427	0.23435 <.0001 427	0.09772 0.0436 427
MP3KP25 25. Lies	0.17976 0.0002 427	0.09809 0.0428 427	. . 427	0.14356 0.0029 427	-0.02416 0.6186 427
MP3KP26 26. Argues	1.00000 427	0.06432 0.1846 427	. . 427	0.16616 0.0006 427	0.00203 0.9667 427
MP3KP27 27. Police Contact	0.06432 0.1846 427	1.00000 427	. . 427	0.39289 <.0001 427	-0.00747 0.8777 427
MP3KP28 28. Firesetting	. . 427	. . 427	. . 427	. . 427	. . 427
MP3KP29 29. Steals	0.16616 0.0006 427	0.39289 <.0001 427	. . 427	1.00000 427	-0.00747 0.8777 427
MP3KP30 30. Runs Away	0.00203 0.9667 427	-0.00747 0.8777 427	. . 427	-0.00747 0.8777 427	1.00000 427

Parent Daily Report Subscales Year 3 Report Sample

Pearson Correlation Coefficients, N = 427 Prob > r under H0: Rho=0				
	PDR3OAR	PDR3COA	PDR3OAG	PDR3HYP
PDR3OAR Oppositional+Aggressive-Revised - PDR Y3	1.00000	0.85104 <.0001	0.98457 <.0001	0.24707 <.0001
PDR3COA Covert Antisocial - PDR Y3	0.85104 <.0001	1.00000	0.77451 <.0001	0.25405 <.0001
PDR3OAG Oppositional+Aggressive - PDR Y3	0.98457 <.0001	0.77451 <.0001	1.00000	0.24055 <.0001
PDR3HYP Hyperactivity - PDR Y3	0.24707 <.0001	0.25405 <.0001	0.24055 <.0001	1.00000

Appendix
(Scoring program removed)