Parent Daily Report: PDR – Child Behavior Items
Grade 7/Year 8
Fast Track Project Technical Report
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November 27, 2002

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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: p8k

Scored: pdr8

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 eighth year of the study. 73 records were missing responses for the entire measure. 22 were from the control sample (3 from Durham, 6 from Nashville, 6 from Pennsylvania, and 7 from Washington) and 64 were from the normative sample (11 from Durham, 22 from Nashville, 13 from Pennsylvania, and 18 from Washington). Some of these may represent overlap between samples.

It should also be noted that 378 records were missing 1 to 3 items. Three items in particular were missing a high number of responses: item MP8KP2—wets/soils (429 missing), item MP8KP3—fights with siblings (89 missing), and MP8KP19—runs around a lot (431 missing).

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 (PDR8OAR)	.88	.87
Covert Antisocial (PDR8COA)	.67	.64
Oppositional+Aggressive (PDR8OAG)	.86	.85
Hyperactivity (PDR8HYP)	.70	.70

The reliability coefficients for internal consistency were adequate for all four of the subscales.

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. Two items also indicated significant differences between the normative and control samples. These were MP8KP1 (not eating) and MP8KP5 (destructive).

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 (PDR8OAR)	0.14	0.13	0.20	0.17	388	4.22	<.0001
Covert Antisocial (PDR8COA)	0.05	0.08	0.10	0.11	388	4.49	<.0001
Oppositional+ Aggressive (PDR8OAG)	0.17	0.16	0.25	0.20	388	3.98	<.0001
Hyperactivity (PDR8HYP)	0.09	0.20	0.21	0.28	388	4.87	<.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 (MP8KP1)	0.02	0.08	0.05	0.14	388	2.58	0.0102
Wets/Soils (MP8KP2)	0.32	0.48	0.60	0.51	32	1.68	0.1033
Destructive (MP8KP5)	0.01	0.05	0.03	0.10	388	2.83	0.0049
Sad (MP8KP7)	0.10	0.21	0.12	0.23	388	0.89	0.3760
Fearful (MP8KP8)	0.04	0.12	0.04	0.12	388	0.44	0.6621
Cries (MP8KP10)	0.07	0.17	0.07	0.18	388	0.22	0.8299
Competitive (MP8KP17)	0.11	0.22	0.13	0.26	388	0.86	0.3923
Runs Away (MP8KP30)	0.01	0.04	0.01	0.05	388	0.49	0.6230

V. Recommendations for Use

Analysts should note that two of the subscales were fairly normally distributed, *Oppositional+Aggressive-Revised* (control sample only) and *Oppositional+Aggressive* (control sample only). All of the other subscales were positively skewed. Two subscales showed floor effects for both the normative and control samples. The *Covert Antisocial* subscale reported 47% of the responses in the normative sample and 33% of the responses in the control sample to be zero. The *Hyperactivity* subscale reported 69% of the responses in the normative sample and 50% of the responses in the control sample to be zero.

VI. Scale Means and SD's

Parent Daily Report Items Year 8 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP8KP1	1. Not Eating	323	0.0257998	0.1001466	0	1.0000000
MP8KP2	2. Wets/Soils	31	0.4516129	0.5058794	0	1.0000000
MP8KP3	3. Fights w. Sib	310	0.2553763	0.3369781	0	1.0000000
MP8KP4	4. Aggressive	323	0.1140351	0.2301074	0	1.0000000
MP8KP5	5. Destructive	323	0.0072239	0.0486118	0	0.3333333
MP8KP6	6. Hits Others	323	0.0644995	0.1812048	0	1.0000000
MP8KP7	7. Sad	323	0.1021672	0.2155580	0	1.0000000
MP8KP8	8. Fearful	323	0.0366357	0.1208840	0	1.0000000
MP8KP9	9. Teases	323	0.3704850	0.3842965	0	1.0000000
MP8KP10	10. Cries	323	0.0639835	0.1599032	0	1.0000000
MP8KP11	11. Whines	323	0.1413829	0.2645958	0	1.0000000
MP8KP12	12. Complains	323	0.3286894	0.3438744	0	1.0000000
MP8KP13	13. Yells	323	0.2471620	0.3252987	0	1.0000000
MP8KP14	14. Noncompliant	323	0.1707946	0.2502245	0	1.0000000
MP8KP15	15. Defiant	323	0.0593395	0.1576373	0	1.0000000
MP8KP16	16. Talks Back Adult	323	0.0985552	0.2198044	0	1.0000000
MP8KP17	17. Competitive	323	0.1042312	0.2177572	0	1.0000000
MP8KP18	18. Noisy	323	0.1305470	0.2651272	0	1.0000000
MP8KP19	19. Runs Around	25	0.3000000	0.4564355	0	1.0000000
MP8KP20	20. Hyperactive	323	0.0908153	0.2331445	0	1.0000000
MP8KP21	21. Irritable	323	0.1197110	0.2288994	0	1.0000000
MP8KP22	22. Pouts	323	0.1222910	0.2318464	0	1.0000000
MP8KP23	23. Negativism	323	0.0345717	0.1270458	0	1.0000000
MP8KP24	24. Temper Tantrum	323	0.0319917	0.1253357	0	1.0000000
MP8KP25	25. Lies	323	0.0350877	0.1292611	0	1.0000000
MP8KP26	26. Argues	323	0.2435501	0.3223162	0	1.0000000
MP8KP27	27. Police Contact	323	0.0082559	0.0581574	0	0.6666667
MP8KP28	28. Firesetting	323	0.0041280	0.0369211	0	0.3333333
MP8KP29	29. Steals	323	0.0082559	0.0581574	0	0.6666667
MP8KP30	30. Runs Away	323	0.0061920	0.0450770	0	0.3333333

Parent Daily Report Subscales Year 8 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR8OAR	Oppositional+Aggressive-Revised - PDR Y8	323	0.1432899	0.1418792	0	0.7500000
PDR8COA	Covert Antisocial - PDR Y8	323	0.0606940	0.0868156	0	0.5416667
PDR8OAG	Oppositional+Aggressive - PDR Y8	323	0.1790787	0.1720343	0	0.9090909
PDR8HYP	Hyperactivity - PDR Y8	323	0.1148091	0.2214297	0	1.0000000

Parent Daily Report Items Year 8 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
MP8KP1	1. Not Eating	133	0.0476190	0.1369636	0	1.0000000
MP8KP2	2. Wets/Soils	15	0.6000000	0.5070926	0	1.0000000
MP8KP3	3. Fights w. Sib	128	0.3281250	0.3640310	0	1.0000000
MP8KP4	4. Aggressive	133	0.1904762	0.3023079	0	1.0000000
MP8KP5	5. Destructive	133	0.0275689	0.1008809	0	0.6666667
MP8KP6	6. Hits Others	133	0.1077694	0.2230372	0	1.0000000
MP8KP7	7. Sad	133	0.1203008	0.2259970	0	1.0000000
MP8KP8	8. Fearful	133	0.0426065	0.1190134	0	0.6666667
MP8KP9	9. Teases	133	0.4486216	0.3936472	0	1.0000000
MP8KP10	10. Cries	133	0.0726817	0.1804332	0	1.0000000
MP8KP11	11. Whines	133	0.1979950	0.2959821	0	1.0000000
MP8KP12	12. Complains	133	0.4122807	0.3527066	0	1.0000000
MP8KP13	13. Yells	133	0.3032581	0.3216609	0	1.0000000
MP8KP14	14. Noncompliant	133	0.2443609	0.3025904	0	1.0000000
MP8KP15	15. Defiant	133	0.1203008	0.2296914	0	1.0000000
MP8KP16	16. Talks Back Adult	133	0.1954887	0.3101206	0	1.0000000
MP8KP17	17. Competitive	133	0.1328321	0.2560377	0	1.0000000
MP8KP18	18. Noisy	133	0.2117794	0.3302431	0	1.0000000
MP8KP19	19. Runs Around	13	0.4230769	0.4935481	0	1.0000000
MP8KP20	20. Hyperactive	133	0.1842105	0.2981870	0	1.0000000
MP8KP21	21. Irritable	133	0.1842105	0.2866731	0	1.0000000
MP8KP22	22. Pouts	133	0.1892231	0.2978472	0	1.0000000
MP8KP23	23. Negativism	133	0.0689223	0.1847829	0	1.0000000
MP8KP24	24. Temper Tantrum	133	0.0864662	0.1841825	0	1.0000000
MP8KP25	25. Lies	133	0.0701754	0.1882608	0	1.0000000
MP8KP26	26. Argues	133	0.3496241	0.3576159	0	1.0000000
MP8KP27	27. Police Contact	133	0.0075188	0.0496819	0	0.3333333
MP8KP28	28. Firesetting	133	0.0050125	0.0407208	0	0.3333333
MP8KP29	29. Steals	133	0.0100251	0.0571467	0	0.3333333
MP8KP30	30. Runs Away	133	0.0075188	0.0496819	0	0.3333333

Parent Daily Report Subscales Year 8 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PDR8OAR	Oppositional+Aggressive-Revised - PDR Y8	133	0.2030232	0.1677510	0	0.7500000
PDR8COA	Covert Antisocial - PDR Y8	133	0.0977444	0.1103643	0	0.5416667
PDR8OAG	Oppositional+Aggressive - PDR Y8	133	0.2483026	0.2038649	0	0.9090909
PDR8HYP	Hyperactivity - PDR Y8	133	0.2067669	0.2759708	0	1.0000000

VII. Item and Scale Correlations

Parent Daily Report Items Year 8 Report Sample

	MP8KP1	MP8KP2	MP8KP3	MP8KP4	MP8KP5	MP8KP6	MP8KP7	MP8KP8	MP8KP9
Pearson Correlation Coefficients									
Prob > |r| under H0: Rho=0									
Number of Observations									
MP8KP1 **1. Not Eating**	1.00000 390	-0.15467 0.3824 34	0.10125 0.0504 374	0.13350 0.0083 390	0.18170 0.0003 390	0.10384 0.0404 390	0.25878 <.0001 390	0.16192 0.0013 390	0.08631 0.0887 390
MP8KP2 **2. Wets/Soils**	-0.15467 0.3824 34	1.00000 34	-0.06116 0.7311 34	0.02284 0.8980 34	. . 34	-0.01108 0.9504 34	-0.06757 0.7042 34	0.02962 0.8679 34	-0.19720 0.2636 34
MP8KP3 **3. Fights w. Sib**	0.10125 0.0504 374	-0.06116 0.7311 34	1.00000 374	0.43163 <.0001 374	0.10530 0.0418 374	0.42170 <.0001 374	0.20706 <.0001 374	0.09452 0.0679 374	0.42418 <.0001 374
MP8KP4 **4. Aggressive**	0.13350 0.0083 390	0.02284 0.8980 34	0.43163 <.0001 374	1.00000 390	0.21615 <.0001 390	0.45017 <.0001 390	0.29885 <.0001 390	0.13790 0.0064 390	0.35800 <.0001 390
MP8KP5 **5. Destructive**	0.18170 0.0003 390	. . 34	0.10530 0.0418 374	0.21615 <.0001 390	1.00000 390	0.21775 <.0001 390	0.26095 <.0001 390	0.23999 <.0001 390	0.09623 0.0576 390
MP8KP6 **6. Hits Others**	0.10384 0.0404 390	-0.01108 0.9504 34	0.42170 <.0001 374	0.45017 <.0001 390	0.21775 <.0001 390	1.00000 390	0.24979 <.0001 390	0.16987 0.0008 390	0.30716 <.0001 390
MP8KP7 **7. Sad**	0.25878 <.0001 390	-0.06757 0.7042 34	0.20706 <.0001 374	0.29885 <.0001 390	0.26095 <.0001 390	0.24979 <.0001 390	1.00000 390	0.33386 <.0001 390	0.10978 0.0302 390
MP8KP8 **8. Fearful**	0.16192 0.0013 390	0.02962 0.8679 34	0.09452 0.0679 374	0.13790 0.0064 390	0.23999 <.0001 390	0.16987 0.0008 390	0.33386 <.0001 390	1.00000 390	0.05528 0.2762 390
MP8KP9 **9. Teases**	0.08631 0.0887 390	-0.19720 0.2636 34	0.42418 <.0001 374	0.35800 <.0001 390	0.09623 0.0576 390	0.30716 <.0001 390	0.10978 0.0302 390	0.05528 0.2762 390	1.00000 390
MP8KP10 **10. Cries**	0.04622 0.3627 390	-0.18541 0.2938 34	0.24551 <.0001 374	0.16233 0.0013 390	0.18088 0.0003 390	0.09686 0.0560 390	0.46152 <.0001 390	0.17185 0.0007 390	0.09745 0.0545 390
MP8KP11 **11. Whines**	0.10011 0.0482 390	0.00395 0.9823 34	0.35011 <.0001 374	0.28854 <.0001 390	0.06539 0.1975 390	0.19485 0.0001 390	0.23017 <.0001 390	0.19743 <.0001 390	0.34052 <.0001 390
MP8KP12 **12. Complains**	0.12113 0.0167 390	-0.15957 0.3673 34	0.33951 <.0001 374	0.28103 <.0001 390	-0.00339 0.9468 390	0.19421 0.0001 390	0.26843 <.0001 390	0.16470 0.0011 390	0.37011 <.0001 390
MP8KP13 **13. Yells**	0.17086 0.0007 390	-0.21022 0.2327 34	0.54299 <.0001 374	0.50738 <.0001 390	0.07861 0.1212 390	0.32940 <.0001 390	0.29218 <.0001 390	0.03742 0.4612 390	0.39788 <.0001 390
MP8KP14 **14. Noncompliant**	0.12060 0.0172 390	-0.20829 0.2372 34	0.32407 <.0001 374	0.36839 <.0001 390	0.11984 0.0179 390	0.32016 <.0001 390	0.27645 <.0001 390	0.09309 0.0663 390	0.33289 <.0001 390
MP8KP15 **15. Defiant**	0.11683 0.0210 390	0.04627 0.7950 34	0.24381 <.0001 374	0.44559 <.0001 390	0.21632 <.0001 390	0.25442 <.0001 390	0.30075 <.0001 390	0.13566 0.0073 390	0.23193 <.0001 390
MP8KP16 **16. Talks Back Adult**	0.07968 0.1162 390	-0.18800 0.2870 34	0.28717 <.0001 374	0.39800 <.0001 390	0.06427 0.2054 390	0.15244 0.0025 390	0.14739 0.0035 390	0.09783 0.0536 390	0.18231 0.0003 390

				Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations					
	MP8KP1	**MP8KP2**	**MP8KP3**	**MP8KP4**	**MP8KP5**	**MP8KP6**	**MP8KP7**	**MP8KP8**	**MP8KP9**
MP8KP17 17. Competitive	0.14185 0.0050 390	-0.33866 0.0501 34	0.16267 0.0016 374	0.27864 <.0001 390	0.28431 <.0001 390	0.14098 0.0053 390	0.16761 0.0009 390	0.14030 0.0055 390	0.22371 <.0001 390
MP8KP18 18. Noisy	0.16388 0.0012 390	-0.04093 0.8182 34	0.22118 <.0001 374	0.36680 <.0001 390	0.19174 0.0001 390	0.33143 <.0001 390	0.15874 0.0017 390	0.08486 0.0942 390	0.26544 <.0001 390
MP8KP19 19. Runs Around	0.26168 0.1480 32	0.00000 1.0000 12	-0.09861 0.5913 32	0.00707 0.9694 32	-0.12780 0.4858 32	-0.08471 0.6448 32	0.08760 0.6336 32	0.37620 0.0338 32	0.00094 0.9959 32
MP8KP20 20. Hyperactive	0.05884 0.2464 390	-0.26995 0.1226 34	0.12596 0.0148 374	0.30762 <.0001 390	0.13109 0.0095 390	0.15626 0.0020 390	0.18516 0.0002 390	0.10424 0.0396 390	0.21129 <.0001 390
MP8KP21 21. Irritable	0.31438 <.0001 390	0.06110 0.7314 34	0.32952 <.0001 374	0.45567 <.0001 390	0.12743 0.0118 390	0.22347 <.0001 390	0.37745 <.0001 390	0.21572 <.0001 390	0.26981 <.0001 390
MP8KP22 22. Pouts	0.17663 0.0005 390	0.00266 0.9881 34	0.29259 <.0001 374	0.35286 <.0001 390	0.16819 0.0009 390	0.29604 <.0001 390	0.37151 <.0001 390	0.26637 <.0001 390	0.26394 <.0001 390
MP8KP23 23. Negativism	-0.02266 0.6555 390	-0.02841 0.8733 34	0.17377 0.0007 374	0.30383 <.0001 390	0.17561 0.0005 390	0.17084 0.0007 390	0.16830 0.0008 390	0.12629 0.0126 390	0.11421 0.0241 390
MP8KP24 24. Temper Tantrum	0.09452 0.0622 390	-0.18541 0.2938 34	0.20435 <.0001 374	0.29701 <.0001 390	0.23658 <.0001 390	0.17169 0.0007 390	0.14541 0.0040 390	0.21563 <.0001 390	0.20108 <.0001 390
MP8KP25 25. Lies	0.11950 0.0182 390	0.19592 0.2668 34	0.20554 <.0001 374	0.28026 <.0001 390	0.32045 <.0001 390	0.35120 <.0001 390	0.32892 <.0001 390	0.22742 <.0001 390	0.13180 0.0092 390
MP8KP26 26. Argues	0.14263 0.0048 390	0.02638 0.8823 34	0.46443 <.0001 374	0.42880 <.0001 390	0.16941 0.0008 390	0.32623 <.0001 390	0.27621 <.0001 390	0.11471 0.0235 390	0.43069 <.0001 390
MP8KP27 27. Police Contact	0.06079 0.2310 390	. . 34	0.03888 0.4535 374	0.16936 0.0008 390	0.33847 <.0001 390	0.18534 0.0002 390	0.14583 0.0039 390	0.21111 <.0001 390	-0.02079 0.6824 390
MP8KP28 28. Firesetting	0.11568 0.0223 390	. . 34	0.06447 0.2136 374	0.17915 0.0004 390	0.41015 <.0001 390	0.23130 <.0001 390	0.22559 <.0001 390	0.27853 <.0001 390	0.02210 0.6635 390
MP8KP29 29. Steals	0.11081 0.0287 390	. . 34	0.03888 0.4535 374	0.18966 0.0002 390	0.33847 <.0001 390	0.21207 <.0001 390	0.21737 <.0001 390	0.25376 <.0001 390	0.00571 0.9106 390
MP8KP30 30. Runs Away	0.21244 <.0001 390	. . 34	0.02304 0.6569 374	0.05482 0.2802 390	0.34003 <.0001 390	0.08016 0.1140 390	0.20188 <.0001 390	0.27699 <.0001 390	0.02953 0.5609 390

				Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations				
	MP8KP10	**MP8KP11**	**MP8KP12**	**MP8KP13**	**MP8KP14**	**MP8KP15**	**MP8KP16**	**MP8KP17**
MP8KP1 1. Not Eating	0.04622 0.3627 390	0.10011 0.0482 390	0.12113 0.0167 390	0.17086 0.0007 390	0.12060 0.0172 390	0.11683 0.0210 390	0.07968 0.1162 390	0.14185 0.0050 390

	MP8KP10	MP8KP11	MP8KP12	MP8KP13	MP8KP14	MP8KP15	MP8KP16	MP8KP17
Pearson Correlation Coefficients **Prob > |r| under H0: Rho=0** **Number of Observations**								
MP8KP2 2. Wets/Soils	-0.18541 0.2938 34	0.00395 0.9823 34	-0.15957 0.3673 34	-0.21022 0.2327 34	-0.20829 0.2372 34	0.04627 0.7950 34	-0.18800 0.2870 34	-0.33866 0.0501 34
MP8KP3 3. Fights w. Sib	0.24551 <.0001 374	0.35011 <.0001 374	0.33951 <.0001 374	0.54299 <.0001 374	0.32407 <.0001 374	0.24381 <.0001 374	0.28717 <.0001 374	0.16267 0.0016 374
MP8KP4 4. Aggressive	0.16233 0.0013 390	0.28854 <.0001 390	0.28103 <.0001 390	0.50738 <.0001 390	0.36839 <.0001 390	0.44559 <.0001 390	0.39800 <.0001 390	0.27864 <.0001 390
MP8KP5 5. Destructive	0.18088 0.0003 390	0.06539 0.1975 390	-0.00339 0.9468 390	0.07861 0.1212 390	0.11984 0.0179 390	0.21632 <.0001 390	0.06427 0.2054 390	0.28431 <.0001 390
MP8KP6 6. Hits Others	0.09686 0.0560 390	0.19485 0.0001 390	0.19421 0.0001 390	0.32940 <.0001 390	0.32016 <.0001 390	0.25442 <.0001 390	0.15244 0.0025 390	0.14098 0.0053 390
MP8KP7 7. Sad	0.46152 <.0001 390	0.23017 <.0001 390	0.26843 <.0001 390	0.29218 <.0001 390	0.27645 <.0001 390	0.30075 <.0001 390	0.14739 0.0035 390	0.16761 0.0009 390
MP8KP8 8. Fearful	0.17185 0.0007 390	0.19743 <.0001 390	0.16470 0.0011 390	0.03742 0.4612 390	0.09309 0.0663 390	0.13566 0.0073 390	0.09783 0.0536 390	0.14030 0.0055 390
MP8KP9 9. Teases	0.09745 0.0545 390	0.34052 <.0001 390	0.37011 <.0001 390	0.39788 <.0001 390	0.33289 <.0001 390	0.23193 <.0001 390	0.18231 0.0003 390	0.22371 <.0001 390
MP8KP10 10. Cries	1.00000 390	0.20104 <.0001 390	0.18772 0.0002 390	0.23020 <.0001 390	0.22011 <.0001 390	0.20511 <.0001 390	0.18660 0.0002 390	0.11305 0.0256 390
MP8KP11 11. Whines	0.20104 <.0001 390	1.00000 390	0.43648 <.0001 390	0.39238 <.0001 390	0.32189 <.0001 390	0.36556 <.0001 390	0.35451 <.0001 390	0.15743 0.0018 390
MP8KP12 12. Complains	0.18772 0.0002 390	0.43648 <.0001 390	1.00000 390	0.41544 <.0001 390	0.36868 <.0001 390	0.30408 <.0001 390	0.36281 <.0001 390	0.10453 0.0391 390
MP8KP13 13. Yells	0.23020 <.0001 390	0.39238 <.0001 390	0.41544 <.0001 390	1.00000 390	0.37951 <.0001 390	0.33472 <.0001 390	0.35973 <.0001 390	0.17620 0.0005 390
MP8KP14 14. Noncompliant	0.22011 <.0001 390	0.32189 <.0001 390	0.36868 <.0001 390	0.37951 <.0001 390	1.00000 390	0.45521 <.0001 390	0.39782 <.0001 390	0.11272 0.0260 390
MP8KP15 15. Defiant	0.20511 <.0001 390	0.36556 <.0001 390	0.30408 <.0001 390	0.33472 <.0001 390	0.45521 <.0001 390	1.00000 390	0.48600 <.0001 390	0.15353 0.0024 390
MP8KP16 16. Talks Back Adult	0.18660 0.0002 390	0.35451 <.0001 390	0.36281 <.0001 390	0.35973 <.0001 390	0.39782 <.0001 390	0.48600 <.0001 390	1.00000 390	0.05744 0.2578 390
MP8KP17 17. Competitive	0.11305 0.0256 390	0.15743 0.0018 390	0.10453 0.0391 390	0.17620 0.0005 390	0.11272 0.0260 390	0.15353 0.0024 390	0.05744 0.2578 390	1.00000 390
MP8KP18 18. Noisy	0.11269 0.0260 390	0.26782 <.0001 390	0.23947 <.0001 390	0.29563 <.0001 390	0.28497 <.0001 390	0.31509 <.0001 390	0.24106 <.0001 390	0.18692 0.0002 390

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations							
	MP8KP10	**MP8KP11**	**MP8KP12**	**MP8KP13**	**MP8KP14**	**MP8KP15**	**MP8KP16**	**MP8KP17**
MP8KP19 19. Runs Around	0.33078 0.0644 32	0.04519 0.8060 32	-0.01753 0.9241 32	-0.10154 0.5803 32	-0.17730 0.3317 32	0.29698 0.0988 32	0.04728 0.7972 32	-0.15815 0.3873 32
MP8KP20 20. Hyperactive	0.11522 0.0229 390	0.25746 <.0001 390	0.17583 0.0005 390	0.23418 <.0001 390	0.28446 <.0001 390	0.36662 <.0001 390	0.24956 <.0001 390	0.17947 0.0004 390
MP8KP21 21. Irritable	0.27691 <.0001 390	0.42675 <.0001 390	0.42905 <.0001 390	0.46044 <.0001 390	0.39765 <.0001 390	0.41032 <.0001 390	0.41642 <.0001 390	0.17451 0.0005 390
MP8KP22 22. Pouts	0.26671 <.0001 390	0.54855 <.0001 390	0.38078 <.0001 390	0.37643 <.0001 390	0.39029 <.0001 390	0.44521 <.0001 390	0.32761 <.0001 390	0.18855 0.0002 390
MP8KP23 23. Negativism	0.10745 0.0339 390	0.22617 <.0001 390	0.16302 0.0012 390	0.24360 <.0001 390	0.30063 <.0001 390	0.38550 <.0001 390	0.26071 <.0001 390	0.07086 0.1625 390
MP8KP24 24. Temper Tantrum	0.26273 <.0001 390	0.32538 <.0001 390	0.26183 <.0001 390	0.27730 <.0001 390	0.26936 <.0001 390	0.41540 <.0001 390	0.41340 <.0001 390	0.09167 0.0706 390
MP8KP25 25. Lies	0.15606 0.0020 390	0.14081 0.0053 390	0.16739 0.0009 390	0.21166 <.0001 390	0.41717 <.0001 390	0.36411 <.0001 390	0.24493 <.0001 390	0.15088 0.0028 390
MP8KP26 26. Argues	0.27933 <.0001 390	0.42147 <.0001 390	0.51663 <.0001 390	0.57037 <.0001 390	0.51465 <.0001 390	0.44881 <.0001 390	0.51559 <.0001 390	0.15044 0.0029 390
MP8KP27 27. Police Contact	0.12335 0.0148 390	0.06991 0.1683 390	0.01873 0.7124 390	0.06100 0.2294 390	0.07455 0.1417 390	0.14519 0.0041 390	0.13516 0.0075 390	0.12810 0.0113 390
MP8KP28 28. Firesetting	0.17533 0.0005 390	0.12780 0.0115 390	0.05647 0.2659 390	0.07089 0.1623 390	0.11861 0.0191 390	0.16694 0.0009 390	0.15465 0.0022 390	0.17063 0.0007 390
MP8KP29 29. Steals	0.12335 0.0148 390	0.12577 0.0129 390	0.03344 0.5103 390	0.07681 0.1300 390	0.13275 0.0087 390	0.17420 0.0005 390	0.11474 0.0234 390	0.10598 0.0364 390
MP8KP30 30. Runs Away	0.17037 0.0007 390	0.08627 0.0889 390	-0.01042 0.8375 390	0.02862 0.5730 390	0.07265 0.1522 390	0.08898 0.0793 390	0.00948 0.8520 390	0.18025 0.0003 390

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations							
	MP8KP18	**MP8KP19**	**MP8KP20**	**MP8KP21**	**MP8KP22**	**MP8KP23**	**MP8KP24**	**MP8KP25**
MP8KP1 1. Not Eating	0.16388 0.0012 390	0.26168 0.1480 32	0.05884 0.2464 390	0.31438 <.0001 390	0.17663 0.0005 390	-0.02266 0.6555 390	0.09452 0.0622 390	0.11950 0.0182 390
MP8KP2 2. Wets/Soils	-0.04093 0.8182 34	0.00000 1.0000 12	-0.26995 0.1226 34	0.06110 0.7314 34	0.00266 0.9881 34	-0.02841 0.8733 34	-0.18541 0.2938 34	0.19592 0.2668 34
MP8KP3 3. Fights w. Sib	0.22118 <.0001 374	-0.09861 0.5913 32	0.12596 0.0148 374	0.32952 <.0001 374	0.29259 <.0001 374	0.17377 0.0007 374	0.20435 <.0001 374	0.20554 <.0001 374

	MP8KP18	MP8KP19	MP8KP20	MP8KP21	MP8KP22	MP8KP23	MP8KP24	MP8KP25
Pearson Correlation Coefficients **Prob > |r| under H0: Rho=0** **Number of Observations**								
MP8KP4 4. Aggressive	0.36680 <.0001 390	0.00707 0.9694 32	0.30762 <.0001 390	0.45567 <.0001 390	0.35286 <.0001 390	0.30383 <.0001 390	0.29701 <.0001 390	0.28026 <.0001 390
MP8KP5 5. Destructive	0.19174 0.0001 390	-0.12780 0.4858 32	0.13109 0.0095 390	0.12743 0.0118 390	0.16819 0.0009 390	0.17561 0.0005 390	0.23658 <.0001 390	0.32045 <.0001 390
MP8KP6 6. Hits Others	0.33143 <.0001 390	-0.08471 0.6448 32	0.15626 0.0020 390	0.22347 <.0001 390	0.29604 <.0001 390	0.17084 0.0007 390	0.17169 0.0007 390	0.35120 <.0001 390
MP8KP7 7. Sad	0.15874 0.0017 390	0.08760 0.6336 32	0.18516 0.0002 390	0.37745 <.0001 390	0.37151 <.0001 390	0.16830 0.0008 390	0.14541 0.0040 390	0.32892 <.0001 390
MP8KP8 8. Fearful	0.08486 0.0942 390	0.37620 0.0338 32	0.10424 0.0396 390	0.21572 <.0001 390	0.26637 <.0001 390	0.12629 0.0126 390	0.21563 <.0001 390	0.22742 <.0001 390
MP8KP9 9. Teases	0.26544 <.0001 390	0.00094 0.9959 32	0.21129 <.0001 390	0.26981 <.0001 390	0.26394 <.0001 390	0.11421 0.0241 390	0.20108 <.0001 390	0.13180 0.0092 390
MP8KP10 10. Cries	0.11269 0.0260 390	0.33078 0.0644 32	0.11522 0.0229 390	0.27691 <.0001 390	0.26671 <.0001 390	0.10745 0.0339 390	0.26273 <.0001 390	0.15606 0.0020 390
MP8KP11 11. Whines	0.26782 <.0001 390	0.04519 0.8060 32	0.25746 <.0001 390	0.42675 <.0001 390	0.54855 <.0001 390	0.22617 <.0001 390	0.32538 <.0001 390	0.14081 0.0053 390
MP8KP12 12. Complains	0.23947 <.0001 390	-0.01753 0.9241 32	0.17583 0.0005 390	0.42905 <.0001 390	0.38078 <.0001 390	0.16302 0.0012 390	0.26183 <.0001 390	0.16739 0.0009 390
MP8KP13 13. Yells	0.29563 <.0001 390	-0.10154 0.5803 32	0.23418 <.0001 390	0.46044 <.0001 390	0.37643 <.0001 390	0.24360 <.0001 390	0.27730 <.0001 390	0.21166 <.0001 390
MP8KP14 14. Noncompliant	0.28497 <.0001 390	-0.17730 0.3317 32	0.28446 <.0001 390	0.39765 <.0001 390	0.39029 <.0001 390	0.30063 <.0001 390	0.26936 <.0001 390	0.41717 <.0001 390
MP8KP15 15. Defiant	0.31509 <.0001 390	0.29698 0.0988 32	0.36662 <.0001 390	0.41032 <.0001 390	0.44521 <.0001 390	0.38550 <.0001 390	0.41540 <.0001 390	0.36411 <.0001 390
MP8KP16 16. Talks Back Adult	0.24106 <.0001 390	0.04728 0.7972 32	0.24956 <.0001 390	0.41642 <.0001 390	0.32761 <.0001 390	0.26071 <.0001 390	0.41340 <.0001 390	0.24493 <.0001 390
MP8KP17 17. Competitive	0.18692 0.0002 390	-0.15815 0.3873 32	0.17947 0.0004 390	0.17451 0.0005 390	0.18855 0.0002 390	0.07086 0.1625 390	0.09167 0.0706 390	0.15088 0.0028 390
MP8KP18 18. Noisy	1.00000 390	0.42454 0.0154 32	0.54027 <.0001 390	0.28455 <.0001 390	0.34141 <.0001 390	0.18450 0.0002 390	0.26029 <.0001 390	0.24397 <.0001 390
MP8KP19 19. Runs Around	0.42454 0.0154 32	1.00000 32	0.43116 0.0137 32	0.19980 0.2729 32	0.08355 0.6494 32	0.35571 0.0457 32	0.14088 0.4419 32	-0.18372 0.3142 32
MP8KP20 20. Hyperactive	0.54027 <.0001 390	0.43116 0.0137 32	1.00000 390	0.21149 <.0001 390	0.26506 <.0001 390	0.24304 <.0001 390	0.24460 <.0001 390	0.23252 <.0001 390

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations								
	MP8KP18	**MP8KP19**	**MP8KP20**	**MP8KP21**	**MP8KP22**	**MP8KP23**	**MP8KP24**	**MP8KP25**
MP8KP21 21. Irritable	0.28455 <.0001 390	0.19980 0.2729 32	0.21149 <.0001 390	1.00000 390	0.50279 <.0001 390	0.33123 <.0001 390	0.35052 <.0001 390	0.19396 0.0001 390
MP8KP22 22. Pouts	0.34141 <.0001 390	0.08355 0.6494 32	0.26506 <.0001 390	0.50279 <.0001 390	1.00000 390	0.33928 <.0001 390	0.38115 <.0001 390	0.26170 <.0001 390
MP8KP23 23. Negativism	0.18450 0.0002 390	0.35571 0.0457 32	0.24304 <.0001 390	0.33123 <.0001 390	0.33928 <.0001 390	1.00000 390	0.42184 <.0001 390	0.24012 <.0001 390
MP8KP24 24. Temper Tantrum	0.26029 <.0001 390	0.14088 0.4419 32	0.24460 <.0001 390	0.35052 <.0001 390	0.38115 <.0001 390	0.42184 <.0001 390	1.00000 390	0.17889 0.0004 390
MP8KP25 25. Lies	0.24397 <.0001 390	-0.18372 0.3142 32	0.23252 <.0001 390	0.19396 0.0001 390	0.26170 <.0001 390	0.24012 <.0001 390	0.17889 0.0004 390	1.00000 390
MP8KP26 26. Argues	0.29052 <.0001 390	0.03147 0.8642 32	0.23119 <.0001 390	0.48211 <.0001 390	0.44540 <.0001 390	0.23522 <.0001 390	0.35785 <.0001 390	0.27652 <.0001 390
MP8KP27 27. Police Contact	0.11358 0.0249 390	. . 32	0.08692 0.0865 390	0.02976 0.5579 390	0.12892 0.0108 390	0.21719 <.0001 390	0.18285 0.0003 390	0.23279 <.0001 390
MP8KP28 28. Firesetting	0.18760 0.0002 390	. . 32	0.13696 0.0068 390	0.09429 0.0629 390	0.18020 0.0003 390	0.23886 <.0001 390	0.29898 <.0001 390	0.26997 <.0001 390
MP8KP29 29. Steals	0.15061 0.0029 390	. . 32	0.08692 0.0865 390	0.09352 0.0650 390	0.19058 0.0002 390	0.25398 <.0001 390	0.22058 <.0001 390	0.19855 <.0001 390
MP8KP30 30. Runs Away	0.11584 0.0221 390	. . 32	0.12564 0.0130 390	0.08522 0.0928 390	0.15711 0.0019 390	0.09899 0.0508 390	0.14667 0.0037 390	0.21732 <.0001 390

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations					
	MP8KP26	**MP8KP27**	**MP8KP28**	**MP8KP29**	**MP8KP30**
MP8KP1 1. Not Eating	0.14263 0.0048 390	0.06079 0.2310 390	0.11568 0.0223 390	0.11081 0.0287 390	0.21244 <.0001 390
MP8KP2 2. Wets/Soils	0.02638 0.8823 34	. . 34	. . 34	. . 34	. . 34
MP8KP3 3. Fights w. Sib	0.46443 <.0001 374	0.03888 0.4535 374	0.06447 0.2136 374	0.03888 0.4535 374	0.02304 0.6569 374
MP8KP4 4. Aggressive	0.42880 <.0001 390	0.16936 0.0008 390	0.17915 0.0004 390	0.18966 0.0002 390	0.05482 0.2802 390
MP8KP5 5. Destructive	0.16941 0.0008 390	0.33847 <.0001 390	0.41015 <.0001 390	0.33847 <.0001 390	0.34003 <.0001 390

	Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations				
	MP8KP26	**MP8KP27**	**MP8KP28**	**MP8KP29**	**MP8KP30**
MP8KP6 **6. Hits Others**	0.32623 <.0001 390	0.18534 0.0002 390	0.23130 <.0001 390	0.21207 <.0001 390	0.08016 0.1140 390
MP8KP7 **7. Sad**	0.27621 <.0001 390	0.14583 0.0039 390	0.22559 <.0001 390	0.21737 <.0001 390	0.20188 <.0001 390
MP8KP8 **8. Fearful**	0.11471 0.0235 390	0.21111 <.0001 390	0.27853 <.0001 390	0.25376 <.0001 390	0.27699 <.0001 390
MP8KP9 **9. Teases**	0.43069 <.0001 390	-0.02079 0.6824 390	0.02210 0.6635 390	0.00571 0.9106 390	0.02953 0.5609 390
MP8KP10 **10. Cries**	0.27933 <.0001 390	0.12335 0.0148 390	0.17533 0.0005 390	0.12335 0.0148 390	0.17037 0.0007 390
MP8KP11 **11. Whines**	0.42147 <.0001 390	0.06991 0.1683 390	0.12780 0.0115 390	0.12577 0.0129 390	0.08627 0.0889 390
MP8KP12 **12. Complains**	0.51663 <.0001 390	0.01873 0.7124 390	0.05647 0.2659 390	0.03344 0.5103 390	-0.01042 0.8375 390
MP8KP13 **13. Yells**	0.57037 <.0001 390	0.06100 0.2294 390	0.07089 0.1623 390	0.07681 0.1300 390	0.02862 0.5730 390
MP8KP14 **14. Noncompliant**	0.51465 <.0001 390	0.07455 0.1417 390	0.11861 0.0191 390	0.13275 0.0087 390	0.07265 0.1522 390
MP8KP15 **15. Defiant**	0.44881 <.0001 390	0.14519 0.0041 390	0.16694 0.0009 390	0.17420 0.0005 390	0.08898 0.0793 390
MP8KP16 **16. Talks Back Adult**	0.51559 <.0001 390	0.13516 0.0075 390	0.15465 0.0022 390	0.11474 0.0234 390	0.00948 0.8520 390
MP8KP17 **17. Competitive**	0.15044 0.0029 390	0.12810 0.0113 390	0.17063 0.0007 390	0.10598 0.0364 390	0.18025 0.0003 390
MP8KP18 **18. Noisy**	0.29052 <.0001 390	0.11358 0.0249 390	0.18760 0.0002 390	0.15061 0.0029 390	0.11584 0.0221 390
MP8KP19 **19. Runs Around**	0.03147 0.8642 32	. . 32	. . 32	. . 32	. . 32
MP8KP20 **20. Hyperactive**	0.23119 <.0001 390	0.08692 0.0865 390	0.13696 0.0068 390	0.08692 0.0865 390	0.12564 0.0130 390
MP8KP21 **21. Irritable**	0.48211 <.0001 390	0.02976 0.5579 390	0.09429 0.0629 390	0.09352 0.0650 390	0.08522 0.0928 390
MP8KP22 **22. Pouts**	0.44540 <.0001 390	0.12892 0.0108 390	0.18020 0.0003 390	0.19058 0.0002 390	0.15711 0.0019 390

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations					
	MP8KP26	**MP8KP27**	**MP8KP28**	**MP8KP29**	**MP8KP30**
MP8KP23 **23. Negativism**	0.23522 <.0001 390	0.21719 <.0001 390	0.23886 <.0001 390	0.25398 <.0001 390	0.09899 0.0508 390
MP8KP24 **24. Temper Tantrum**	0.35785 <.0001 390	0.18285 0.0003 390	0.29898 <.0001 390	0.22058 <.0001 390	0.14667 0.0037 390
MP8KP25 **25. Lies**	0.27652 <.0001 390	0.23279 <.0001 390	0.26997 <.0001 390	0.19855 <.0001 390	0.21732 <.0001 390
MP8KP26 **26. Argues**	1.00000 390	0.05578 0.2718 390	0.08919 0.0785 390	0.05578 0.2718 390	0.00464 0.9272 390
MP8KP27 **27. Police Contact**	0.05578 0.2718 390	1.00000 390	0.80627 <.0001 390	0.81468 <.0001 390	0.32954 <.0001 390
MP8KP28 **28. Firesetting**	0.08919 0.0785 390	0.80627 <.0001 390	1.00000 390	0.80627 <.0001 390	0.49961 <.0001 390
MP8KP29 **29. Steals**	0.05578 0.2718 390	0.81468 <.0001 390	0.80627 <.0001 390	1.00000 390	0.44564 <.0001 390
MP8KP30 **30. Runs Away**	0.00464 0.9272 390	0.32954 <.0001 390	0.49961 <.0001 390	0.44564 <.0001 390	1.00000 390

Parent Daily Report Subscales Year 8 Report Sample

Pearson Correlation Coefficients, N = 390 Prob > |r| under H0: Rho=0				
	PDR8OAR	**PDR8COA**	**PDR8OAG**	**PDR8HYP**
PDR8OAR **Oppositional+Aggressive-Revised - PDR Y8**	1.00000	0.85825 <.0001	0.98484 <.0001	0.44562 <.0001
PDR8COA **Covert Antisocial - PDR Y8**	0.85825 <.0001	1.00000	0.77955 <.0001	0.41350 <.0001
PDR8OAG **Oppositional+Aggressive - PDR Y8**	0.98484 <.0001	0.77955 <.0001	1.00000	0.44534 <.0001
PDR8HYP **Hyperactivity - PDR Y8**	0.44562 <.0001	0.41350 <.0001	0.44534 <.0001	1.00000

Appendix
(Scoring program removed)