<u>**Conflict Tactics Scales**</u>
Grade 1/Year 2
Fast Track Project Technical Report
Cynthia Rains
August 16, 2002
Updated November 15, 2004

Appendix
SAS program to create derived subscales

Citation
Instrument
        Strassberg, Z., Dodge, K.A., Bates, J.E., & Pettit, G.S. (1992). The longitudinal relation between parental conflict strategies and children's sociometric standing in kindergarten. *Merrill Palmer Quarterly, 38*, 477-493.

        Strassberg, Z., Dodge, K.A., Pettit, G.S., & Bates, J.E. (1994). Spanking in the home and children's subsequent aggression toward kindergarten peers. *Development and Psychopathology, 6*, 445-461.

        Straus, M. (1979). Measuring intrafamily conflict and violence: The Conflict Tactics Scales. *Journal of Marriage and the Family*, *41,* 75-88.

Reports
        Rains, C. (2004). *Conflict Tactics Scales (Fast Track Project Technical Report) [On-line].* Available: http://www.fasttrackproject.org/.

        Ferrell, C. (1995). *Conflict Tactics Scales (Fast Track Project Technical Report). Nashville, TN: Vanderbilt University.*

Data Sources
Raw: P2E

Scored: CFT2

I.   Scale Description

The Conflict Tactics Scales measure consists of 80 items developed by Straus (1979) to explore intrafamily conflict and violence, focusing particularly on the adults in the family. Of these 80 items, 20 are administered to the parent about his/her relationship with the child. The next 20 questions are directed to the parent about the partner and his/her interactions with the child. If there is no partner, these questions are not asked. The last 40 questions of the measure address the interactions between the parent and the parent's partner using the same questions. The measure assesses how the parent reacts in a conflict with the child, such as trying to discuss an issue calmly, yelling at or insulting the child, stomping out of the room or house, threatening to spank the child, and hitting or trying to hit the child. The items gradually become more coercive and aggressive as they progress.   The items are rated on a seven-point scale, ranging from 0=never to 6=almost every day. Interviewers were also asked to answer the following question, "Has the parent had a partner in the past year?"

II.   Report Sample

These analyses were conducted on the high-risk control (n=155) and the normative sample (n=387, n=463 including overlap) from the second year of administration of the study. Thirty-three responses were missing from the entire measure. Of these, 8 were from the control sample (4 from Durham and 4 from Washington). Twenty-six were missing from the normative sample (3 from Durham, 6 from Nashville, 5 from Pennsylvania, and 12 from Washington). These numbers may reflect some overlap between the two samples.

III.   Scaling

This instrument has four scales: Parent-Child (Scale 1), Partner-Child (Scale 2), Parent-Partner (Scale 3), and Partner-Parent (Scale 4). The parent-child and partner-child conflict scales each have five subscales and the two parent-partner scales have four subscales each. The five subscales (Strassberg, Dodge, Bates, and Pettit, 1992; Strassberg, Dodge, Pettit, and Bates, 1994) are: verbal discussion, verbal aggression, hostile-indirect withdrawal, physical aggression, and spanking. The parent-partner and partner-parent scales do not include the spanking subscale.

Subscale scores were created by taking the mean for each set of variables for a given subscale by observation and then by finding the subscale means across all observations. For this year of administration of the measure, data were collected only for the parent-child scale. Cronbach's alphas for these subscales are reported in the table below:

Variable Name	Control	Normative
Verbal Discussion Scale 1	.63	.66
Verbal Aggression Scale 1	.60	.59
Physical Aggression Scale 1	.58	.48
Hostile-Indirect Scale 1	.66	.62
Spanking Scale 1	.78	.79

All of the subscales, except for one subscale, *Physical Aggression Scale 1*, had adequate reliability for both the normative and the control samples.

IV.   Differences Between Groups

A series of t-tests indicated significant differences at the p<.05 level for all of the subscales. For both the normative and control samples, the means for the verbal discussion subscale were the highest as compared to the other subscales. In every subscale, however, the means for the control group were higher than that for the normative group.

Comparison of Means for Normative and Control for Continuous Scales and Items								
		Normative		Control				
Variable	Label	Mean	Std Dev	Mean	Std Dev	DF	t Value	Pr > |t|
CFT2DS1	**Verbal Discussion subscale 1**	3.31	1.23	3.61	1.20	428	2.42	0.0158
CFT2HI1	**Hostile-Indirect subscale 1**	0.32	0.59	0.53	0.82	428	3.20	0.0015
CFT2PA1	**Physical Aggression subscale 1**	0.25	0.43	0.37	0.59	428	2.53	0.0119
CFT2SP1	**Spanking subscale 1**	1.30	1.30	1.80	1.47	428	3.62	0.0003
CFT2VA1	**Verbal Aggression subscale 1**	1.29	0.82	1.59	0.86	428	3.58	0.0004

A chi-square test of response frequency on whether the parent had had a partner in the past year showed a significant difference between the normative and the control samples, with the parents in the control sample being more likely to have had a partner in the past year.

Conflict Tactics Scale Y2						
	0=No 1=Yes			Chi		
Variable	Normative Proportions	Control Proportions	DF	Square Statistic	P-value	N
Has the parent had a partner in the past year? (CFT2PAR)	0.35	0.49	1	8.33	0.004	430

V.   Recommendations for Future Use

Analysts should be aware of possible distributional issues; subscales for physical aggression and hostile-indirect withdrawal showed floor effects for both samples. Fifty-eight percent of the normative sample and 54% of the control sample scored a zero for the *Physical Aggression Subscale 1*. For the *Hostile Indirect Subscale 1*, 53% of the normative sample and 42% of the control sample scored a zero. The spanking subscale for the normative sample was positively skewed. All other subscales had a fairly normal distribution.

VI.   Item and Scale Means and SDs

Descriptive Statistics - Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
CFT2DS1	Verbal Discussion subscale 1	361	3.39	1.24	0.00	6.00
CFT2HI1	Hostile-Indirect subscale 1	361	0.39	0.70	0.00	4.50
CFT2PA1	Physical Aggression subscale 1	361	0.28	0.48	0.00	2.75
CFT2PAR	Has the parent had a partner in the past year?	361	0.38	0.49	0.00	1.00
CFT2SP1	Spanking subscale 1	361	1.45	1.36	0.00	6.00
CFT2VA1	Verbal Aggression subscale 1	361	1.35	0.82	0.00	4.33
P2E1HI1	Sulked or refused to talk	360	0.75	1.38	0.00	6.00
P2E1HI2	Stomped out of room or house	361	0.50	1.11	0.00	6.00
P2E1HI3	Threw, smashed, hit, kicked something	361	0.21	0.77	0.00	6.00
P2E1HI4	Threw something at child	360	0.09	0.48	0.00	4.00
P2E1PA1	Pushed, grabbed, shoved child	360	0.64	1.08	0.00	5.00
P2E1PA2	Hit or tried to hit child	361	0.32	0.89	0.00	6.00
P2E1PA3	Hit or tried to hit child w/ something	361	0.15	0.60	0.00	4.00
P2E1PA4	Beat up your child	360	0.00	0.05	0.00	1.00
P2E1SP1	Spanked child	358	1.83	1.52	0.00	6.00
P2E1SP2	Spanked child with something	359	1.04	1.45	0.00	6.00
P2E1VA1	Argued angrily, did not yell	361	2.74	1.72	0.00	6.00
P2E1VA2	Yelled, insulted, swore at child	361	1.97	1.89	0.00	6.00
P2E1VA3	Threatened to throw something at child	361	0.16	0.69	0.00	6.00
P2E1VA4	Threatened to spank child	361	2.67	1.88	0.00	6.00
P2E1VA5	Threatened to hit child	360	0.45	1.16	0.00	6.00
P2E1VA6	Threatened to beat up child	361	0.09	0.60	0.00	6.00
P2E1VD1	Tried to discuss calmly	361	4.42	1.61	0.00	6.00

Descriptive Statistics - Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P2E1VD2	Did discuss issue calmly	361	4.42	1.41	0.00	6.00
P2E1VD3	Got information to back up side	361	3.17	2.12	0.00	6.00
P2E1VD4	Brought someone to help settle things	361	1.56	1.84	0.00	6.00

Descriptive Statistics - High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
CFT2DS1	Verbal Discussion subscale 1	147	3.61	1.20	0.75	6.00
CFT2HI1	Hostile-Indirect subscale 1	147	0.53	0.82	0.00	4.50
CFT2PA1	Physical Aggression subscale 1	147	0.37	0.59	0.00	2.75
CFT2PAR	Has the parent had a partner in the past year?	147	0.49	0.50	0.00	1.00
CFT2SP1	Spanking subscale 1	147	1.80	1.47	0.00	6.00
CFT2VA1	Verbal Aggression subscale 1	147	1.59	0.86	0.00	4.33
P2E1HI1	Sulked or refused to talk	146	1.05	1.57	0.00	6.00
P2E1HI2	Stomped out of room or house	147	0.69	1.38	0.00	6.00
P2E1HI3	Threw, smashed, hit, kicked something	147	0.30	0.91	0.00	5.00
P2E1HI4	Threw something at child	147	0.10	0.46	0.00	4.00
P2E1PA1	Pushed, grabbed, shoved child	147	0.90	1.28	0.00	5.00
P2E1PA2	Hit or tried to hit child	147	0.38	0.95	0.00	4.00
P2E1PA3	Hit or tried to hit child w/ something	147	0.19	0.68	0.00	4.00
P2E1PA4	Beat up your child	147	0.03	0.33	0.00	4.00
P2E1SP1	Spanked child	147	2.25	1.62	0.00	6.00
P2E1SP2	Spanked child with something	147	1.35	1.63	0.00	6.00
P2E1VA1	Argued angrily, did not yell	147	3.07	1.70	0.00	6.00
P2E1VA2	Yelled, insulted, swore at child	147	2.33	2.03	0.00	6.00
P2E1VA3	Threatened to throw something at child	147	0.22	0.86	0.00	6.00
P2E1VA4	Threatened to spank child	147	3.30	1.97	0.00	6.00
P2E1VA5	Threatened to hit child	146	0.52	1.26	0.00	6.00
P2E1VA6	Threatened to beat up child	147	0.11	0.63	0.00	5.00
P2E1VD1	Tried to discuss calmly	147	4.60	1.45	0.00	6.00
P2E1VD2	Did discuss issue calmly	147	4.40	1.48	0.00	6.00
P2E1VD3	Got information to back up side	147	3.58	1.95	0.00	6.00
P2E1VD4	Brought someone to help settle things	147	1.86	1.98	0.00	6.00

VII.   Item and Scale Correlations

Conflict Tactics Scales Full Sample Item Correlations

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations							
	CFT2PAR	**P2E1HI1**	**P2E1HI2**	**P2E1HI3**	**P2E1HI4**	**P2E1PA1**	**P2E1PA2**
CFT2PAR Has the parent had a partner in the past year?	1.000 430	0.100 0.039 429	0.129 0.008 430	0.070 0.144 430	0.004 0.927 429	0.096 0.046 429	-0.006 0.900 430
P2E1HI1 Sulked or refused to talk	0.100 0.039 429	1.000 429	0.449 0.000 429	0.242 0.000 429	0.152 0.002 428	0.263 0.000 428	0.204 0.000 429
P2E1HI2 Stomped out of room or house	0.129 0.008 430	0.449 0.000 429	1.000 430	0.416 0.000 430	0.276 0.000 429	0.315 0.000 429	0.224 0.000 430
P2E1HI3 Threw, smashed, hit, kicked something	0.070 0.144 430	0.242 0.000 429	0.416 0.000 430	1.000 430	0.322 0.000 429	0.287 0.000 429	0.242 0.000 430
P2E1HI4 Threw something at child	0.004 0.927 429	0.152 0.002 428	0.276 0.000 429	0.322 0.000 429	1.000 429	0.234 0.000 428	0.205 0.000 429
P2E1PA1 Pushed, grabbed, shoved child	0.096 0.046 429	0.263 0.000 428	0.315 0.000 429	0.287 0.000 429	0.234 0.000 428	1.000 429	0.270 0.000 429
P2E1PA2 Hit or tried to hit child	-0.006 0.900 430	0.204 0.000 429	0.224 0.000 430	0.242 0.000 430	0.205 0.000 429	0.270 0.000 429	1.000 430
P2E1PA3 Hit or tried to hit child w/ something	0.103 0.033 430	0.121 0.012 429	0.159 0.001 430	0.282 0.000 430	0.199 0.000 429	0.235 0.000 429	0.512 0.000 430
P2E1PA4 Beat up your child	-0.024 0.627 429	-0.006 0.898 428	-0.016 0.736 429	-0.016 0.743 429	0.015 0.764 428	0.059 0.220 428	0.018 0.714 429
P2E1VA1 Argued angrily, did not yell	0.060 0.214 430	0.231 0.000 429	0.185 0.000 430	0.190 0.000 430	0.104 0.031 429	0.277 0.000 429	0.140 0.004 430
P2E1VA2 Yelled, insulted, swore at child	0.014 0.779 430	0.268 0.000 429	0.223 0.000 430	0.209 0.000 430	0.215 0.000 429	0.434 0.000 429	0.288 0.000 430
P2E1VA3 Threatened to throw something at child	0.111 0.021 430	0.213 0.000 429	0.167 0.001 430	0.328 0.000 430	0.621 0.000 429	0.227 0.000 429	0.134 0.005 430
P2E1VA4 Threatened to spank child	0.178 0.000 430	0.227 0.000 429	0.225 0.000 430	0.125 0.009 430	0.102 0.035 429	0.308 0.000 429	0.209 0.000 430
P2E1VA5 Threatened to hit child	0.026 0.588 428	0.212 0.000 427	0.236 0.000 428	0.180 0.000 428	0.170 0.000 427	0.285 0.000 427	0.683 0.000 428
P2E1VA6 Threatened to beat up child	0.029 0.548 430	0.097 0.044 429	0.106 0.029 430	0.052 0.280 430	0.046 0.342 429	0.171 0.000 429	0.096 0.047 430
P2E1VD1 Tried to discuss calmly	-0.046 0.345 430	0.008 0.871 429	0.039 0.422 430	0.028 0.569 430	-0.025 0.604 429	0.179 0.000 429	0.028 0.562 430

5

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations							
	CFT2PAR	**P2E1HI1**	**P2E1HI2**	**P2E1HI3**	**P2E1HI4**	**P2E1PA1**	**P2E1PA2**
P2E1VD2 Did discuss issue calmly	-0.032 0.502 430	0.029 0.544 429	-0.069 0.151 430	0.090 0.061 430	-0.000 0.997 429	0.070 0.145 429	0.032 0.503 430
P2E1VD3 Got information to back up side	0.000 0.996 430	0.133 0.006 429	0.152 0.002 430	0.049 0.310 430	0.071 0.141 429	0.119 0.013 429	0.060 0.212 430
P2E1VD4 Brought someone to help settle things	-0.081 0.092 430	0.281 0.000 429	0.223 0.000 430	0.155 0.001 430	0.054 0.263 429	0.110 0.023 429	0.073 0.129 430
P2E1SP1 Spanked child	0.210 0.000 427	0.316 0.000 426	0.258 0.000 427	0.225 0.000 427	0.098 0.043 426	0.268 0.000 426	0.242 0.000 427
P2E1SP2 Spanked child with something	0.267 0.000 428	0.249 0.000 427	0.211 0.000 428	0.148 0.002 428	0.133 0.006 427	0.214 0.000 427	0.221 0.000 428

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations							
	P2E1PA3	**P2E1PA4**	**P2E1VA1**	**P2E1VA2**	**P2E1VA3**	**P2E1VA4**	**P2E1VA5**
CFT2PAR Has the parent had a partner in the past year?	0.103 0.033 430	-0.024 0.627 429	0.060 0.214 430	0.014 0.779 430	0.111 0.021 430	0.178 0.000 430	0.026 0.588 428
P2E1HI1 Sulked or refused to talk	0.121 0.012 429	-0.006 0.898 428	0.231 0.000 429	0.268 0.000 429	0.213 0.000 429	0.227 0.000 429	0.212 0.000 427
P2E1HI2 Stomped out of room or house	0.159 0.001 430	-0.016 0.736 429	0.185 0.000 430	0.223 0.000 430	0.167 0.001 430	0.225 0.000 430	0.236 0.000 428
P2E1HI3 Threw, smashed, hit, kicked something	0.282 0.000 430	-0.016 0.743 429	0.190 0.000 430	0.209 0.000 430	0.328 0.000 430	0.125 0.009 430	0.180 0.000 428
P2E1HI4 Threw something at child	0.199 0.000 429	0.015 0.764 428	0.104 0.031 429	0.215 0.000 429	0.621 0.000 429	0.102 0.035 429	0.170 0.000 427
P2E1PA1 Pushed, grabbed, shoved child	0.235 0.000 429	0.059 0.220 428	0.277 0.000 429	0.434 0.000 429	0.227 0.000 429	0.308 0.000 429	0.285 0.000 427
P2E1PA2 Hit or tried to hit child	0.512 0.000 430	0.018 0.714 429	0.140 0.004 430	0.288 0.000 430	0.134 0.005 430	0.209 0.000 430	0.683 0.000 428
P2E1PA3 Hit or tried to hit child w/ something	1.000 430	-0.015 0.761 429	0.149 0.002 430	0.227 0.000 430	0.271 0.000 430	0.218 0.000 430	0.481 0.000 428
P2E1PA4 Beat up your child	-0.015 0.761 429	1.000 429	-0.087 0.072 429	0.096 0.047 429	-0.014 0.773 429	0.081 0.093 429	-0.004 0.935 427
P2E1VA1 Argued angrily, did not yell	0.149 0.002 430	-0.087 0.072 429	1.000 430	0.393 0.000 430	0.078 0.107 430	0.315 0.000 430	0.113 0.020 428
P2E1VA2 Yelled, insulted, swore at child	0.227 0.000 430	0.096 0.047 429	0.393 0.000 430	1.000 430	0.202 0.000 430	0.315 0.000 430	0.310 0.000 428

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations						
	P2E1PA3	**P2E1PA4**	**P2E1VA1**	**P2E1VA2**	**P2E1VA3**	**P2E1VA4**	**P2E1VA5**
P2E1VA3 Threatened to throw something at child	0.271 0.000 430	-0.014 0.773 429	0.078 0.107 430	0.202 0.000 430	1.000 430	0.149 0.002 430	0.209 0.000 428
P2E1VA4 Threatened to spank child	0.218 0.000 430	0.081 0.093 429	0.315 0.000 430	0.315 0.000 430	0.149 0.002 430	1.000 430	0.302 0.000 428
P2E1VA5 Threatened to hit child	0.481 0.000 428	-0.004 0.935 427	0.113 0.020 428	0.310 0.000 428	0.209 0.000 428	0.302 0.000 428	1.000 428
P2E1VA6 Threatened to beat up child	0.059 0.220 430	0.417 0.000 429	-0.029 0.548 430	0.151 0.002 430	0.210 0.000 430	0.123 0.011 430	0.245 0.000 428
P2E1VD1 Tried to discuss calmly	0.041 0.393 430	0.029 0.554 429	0.260 0.000 430	0.116 0.016 430	-0.046 0.342 430	0.123 0.011 430	0.000 0.993 428
P2E1VD2 Did discuss issue calmly	0.043 0.376 430	0.058 0.233 429	0.246 0.000 430	0.046 0.343 430	-0.008 0.870 430	0.041 0.394 430	-0.031 0.529 428
P2E1VD3 Got information to back up side	0.018 0.717 430	0.015 0.750 429	0.209 0.000 430	0.164 0.001 430	0.035 0.467 430	0.121 0.012 430	0.035 0.467 428
P2E1VD4 Brought someone to help settle things	0.001 0.983 430	0.000 0.995 429	0.219 0.000 430	0.238 0.000 430	0.103 0.033 430	0.142 0.003 430	0.067 0.164 428
P2E1SP1 Spanked child	0.248 0.000 427	0.028 0.561 427	0.288 0.000 427	0.301 0.000 427	0.176 0.000 427	0.650 0.000 427	0.222 0.000 425
P2E1SP2 Spanked child with something	0.313 0.000 428	0.062 0.201 427	0.139 0.004 428	0.186 0.000 428	0.168 0.000 428	0.503 0.000 428	0.144 0.003 426

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations						
	P2E1VA6	**P2E1VD1**	**P2E1VD2**	**P2E1VD3**	**P2E1VD4**	**P2E1SP1**	**P2E1SP2**
CFT2PAR Has the parent had a partner in the past year?	0.029 0.548 430	-0.046 0.345 430	-0.032 0.502 430	0.000 0.996 430	-0.081 0.092 430	0.210 0.000 427	0.267 0.000 428
P2E1HI1 Sulked or refused to talk	0.097 0.044 429	0.008 0.871 429	0.029 0.544 429	0.133 0.006 429	0.281 0.000 429	0.316 0.000 426	0.249 0.000 427
P2E1HI2 Stomped out of room or house	0.106 0.029 430	0.039 0.422 430	-0.069 0.151 430	0.152 0.002 430	0.223 0.000 430	0.258 0.000 427	0.211 0.000 428
P2E1HI3 Threw, smashed, hit, kicked something	0.052 0.280 430	0.028 0.569 430	0.090 0.061 430	0.049 0.310 430	0.155 0.001 430	0.225 0.000 427	0.148 0.002 428
P2E1HI4 Threw something at child	0.046 0.342 429	-0.025 0.604 429	-0.000 0.997 429	0.071 0.141 429	0.054 0.263 429	0.098 0.043 426	0.133 0.006 427
P2E1PA1 Pushed, grabbed, shoved child	0.171 0.000 429	0.179 0.000 429	0.070 0.145 429	0.119 0.013 429	0.110 0.023 429	0.268 0.000 426	0.214 0.000 427

	P2E1VA6	P2E1VD1	P2E1VD2	P2E1VD3	P2E1VD4	P2E1SP1	P2E1SP2
P2E1PA2 Hit or tried to hit child	0.096 0.047 430	0.028 0.562 430	0.032 0.503 430	0.060 0.212 430	0.073 0.129 430	0.242 0.000 427	0.221 0.000 428
P2E1PA3 Hit or tried to hit child w/ something	0.059 0.220 430	0.041 0.393 430	0.043 0.376 430	0.018 0.717 430	0.001 0.983 430	0.248 0.000 427	0.313 0.000 428
P2E1PA4 Beat up your child	0.417 0.000 429	0.029 0.554 429	0.058 0.233 429	0.015 0.750 429	0.000 0.995 429	0.028 0.561 427	0.062 0.201 427
P2E1VA1 Argued angrily, did not yell	-0.029 0.548 430	0.260 0.000 430	0.246 0.000 430	0.209 0.000 430	0.219 0.000 430	0.288 0.000 427	0.139 0.004 428
P2E1VA2 Yelled, insulted, swore at child	0.151 0.002 430	0.116 0.016 430	0.046 0.343 430	0.164 0.001 430	0.238 0.000 430	0.301 0.000 427	0.186 0.000 428
P2E1VA3 Threatened to throw something at child	0.210 0.000 430	-0.046 0.342 430	-0.008 0.870 430	0.035 0.467 430	0.103 0.033 430	0.176 0.000 427	0.168 0.000 428
P2E1VA4 Threatened to spank child	0.123 0.011 430	0.123 0.011 430	0.041 0.394 430	0.121 0.012 430	0.142 0.003 430	0.650 0.000 427	0.503 0.000 428
P2E1VA5 Threatened to hit child	0.245 0.000 428	0.000 0.993 428	-0.031 0.529 428	0.035 0.467 428	0.067 0.164 428	0.222 0.000 425	0.144 0.003 426
P2E1VA6 Threatened to beat up child	1.000 430	0.016 0.734 430	0.019 0.697 430	-0.005 0.921 430	0.068 0.157 430	0.071 0.146 427	0.030 0.543 428
P2E1VD1 Tried to discuss calmly	0.016 0.734 430	1.000 430	0.699 0.000 430	0.339 0.000 430	0.210 0.000 430	0.059 0.227 427	0.035 0.473 428
P2E1VD2 Did discuss issue calmly	0.019 0.697 430	0.699 0.000 430	1.000 430	0.353 0.000 430	0.145 0.003 430	0.021 0.667 427	0.010 0.839 428
P2E1VD3 Got information to back up side	-0.005 0.921 430	0.339 0.000 430	0.353 0.000 430	1.000 430	0.276 0.000 430	0.090 0.063 427	0.048 0.322 428
P2E1VD4 Brought someone to help settle things	0.068 0.157 430	0.210 0.000 430	0.145 0.003 430	0.276 0.000 430	1.000 430	0.215 0.000 427	0.123 0.011 428
P2E1SP1 Spanked child	0.071 0.146 427	0.059 0.227 427	0.021 0.667 427	0.090 0.063 427	0.215 0.000 427	1.000 427	0.636 0.000 425
P2E1SP2 Spanked child with something	0.030 0.543 428	0.035 0.473 428	0.010 0.839 428	0.048 0.322 428	0.123 0.011 428	0.636 0.000 425	1.000 428

8

Conflict Tactics Scales Full Sample Subscale Correlations

Pearson Correlation Coefficients, N = 430 Prob > |r| under H0: Rho=0					
	CFT2HI1	CFT2PA1	CFT2VA1	CFT2DS1	CFT2SP1
CFT2HI1 Hostile-Indirect subscale 1	1.000	0.434 0.000	0.450 0.000	0.191 0.000	0.350 0.000
CFT2PA1 Physical Aggression subscale 1	0.434 0.000	1.000	0.600 0.000	0.142 0.003	0.362 0.000
CFT2VA1 Verbal Aggression subscale 1	0.450 0.000	0.600 0.000	1.000	0.268 0.000	0.502 0.000
CFT2DS1 Verbal Discussion subscale 1	0.191 0.000	0.142 0.003	0.268 0.000	1.000	0.127 0.008
CFT2SP1 Spanking subscale 1	0.350 0.000	0.362 0.000	0.502 0.000	0.127 0.008	1.000

Appendix:
(Scoring program removed)