

Conflict Tactics Scales

Grade 2/Year 3

Fast Track Project Technical Report

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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: P3E

Scored: CFT3

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 third year of administration of the study. Thirty-eight records were missing the complete measure. Of these, 13 were from the control sample (4 from Durham, 2 from Nashville, 3 from Pennsylvania, and 4 from Washington). Thirty-one records were missing from the normative sample (5 from Durham, 11 from Nashville, 7 from Pennsylvania, and 8 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. For this year of administration of the measure, data were collected only for the parent-child scale and for the partner-child scale. Cronbach's alphas for these subscales are reported in the table below:

Variable Name	Control	Normative
Verbal Discussion Scale 1	.66	.69
Verbal Aggression Scale 1	.61	.66
Physical Aggression Scale 1	.51	.54
Hostile-Indirect Scale 1	.53	.67
Spanking Scale 1	.82	.79
Verbal Discussion Scale 2	.57	.74
Verbal Aggression Scale 2	.63	.59
Physical Aggression Scale 2	.38	.62
Hostile-Indirect Scale 2	.52	.43
Spanking Scale 2	.77	.74

The reliability coefficients for several subscales indicated a lower reliability, ranging from 0.38 to 0.59. These subscales included: *Physical Aggression Scale 1* (both samples), *Hostile-Indirect Scale 1* (control sample), *Verbal Discussion Scale 2* (control sample), *Verbal Aggression Scale 2* (normative sample), *Physical Aggression Scale 2* (control sample), and *Hostile-Indirect Scale 2* (both samples). All of the other subscales showed an adequate reliability.

IV. Differences Between Groups

A series of t-tests indicated significant differences at the .05 level for 9 of the 10 scales. Means were higher for the control sample than for the normative sample for all of the subscales except for subscale *Verbal Discussion Scale 2* (partner to child—verbal discussion).

Comparison of Means for Normative and Control for Continuous Scales and Items								
Variable	Label	Normative		Control		DF	t Value	Pr > t
		Mean	Std Dev	Mean	Std Dev			
CFT3PA1	Physical Aggression subscale 1	0.29	0.51	0.50	0.70	423	3.61	0.0003
CFT3VA1	Verbal Aggression subscale 1	1.28	0.90	1.60	0.86	423	3.48	0.0005
CFT3DS1	Verbal Discussion subscale 1	3.27	1.29	3.64	1.13	423	2.89	0.0040
CFT3HI1	Hostile-Indirect subscale 1	0.33	0.64	0.58	0.73	423	3.65	0.0003
CFT3SP1	Spanking subscale 1	1.07	1.18	1.57	1.38	423	3.89	0.0001
CFT3PA2	Physical Aggression subscale 2	0.12	0.39	0.19	0.39	263	1.36	0.1755
CFT3VA2	Verbal Aggression subscale 2	0.81	0.70	1.09	0.77	263	2.90	0.0041
CFT3DS2	Verbal Discussion subscale 2	2.81	1.38	3.18	1.15	263	2.08	0.0388
CFT3HI2	Hostile-Indirect subscale 2	0.23	0.43	0.38	0.61	263	2.39	0.0176
CFT3SP2	Spanking subscale 2	0.53	0.80	0.92	1.08	263	3.20	0.0015

A chi-square test of response frequency on whether the parent had had a partner in the past year indicated 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 Y3						
Variable	0=No 1=Yes		DF	Chi Square Statistic	P-value	N
	Normative Proportions	Control Proportions				
Has the parent had a partner in the past year? (CFT3PAR)	0.33	0.44	1	4.93	0.026	424

V. Recommendations for Future Use

Analysts should be aware of possible distributional issues; subscales for physical aggression (scale 1 and scale 2) and hostile-indirect withdrawal (scale 1 and scale 2) for both samples indicated floor effects, as well as for the spanking scale 2. Sixty percent of the normative sample and 49% of the control sample for *Physical Aggression Scale 1* scored a zero and 82% of the normative sample and 69% of the control sample scored a zero for *Physical Aggression Scale 2*. For *Hostile Indirect Withdrawal Scale 1*, 56% of the normative sample and 38% of the control sample scored a zero, while, for *Hostile Indirect Withdrawal Scale 2*, 65% of the normative sample and 58% of the control sample scored a zero. While all of the spanking subscales were positively skewed, 50% of the normative sample and 33% of the control sample scored a zero for *Spanking Scale 2*.

In addition, it needs to be noted that one item (Does your partner beat up your child?) on *Physical Aggression Scale 2* had a zero variation for both the normative and the control samples.

VI. Item and Scale Means and SDs

Descriptive Statistics - Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P3E1HI1	Sulked or refused to talk	356	0.77	1.35	0.00	6.00
P3E1HI2	Stomped out of room or house	356	0.47	1.08	0.00	6.00
P3E1HI3	Threw, smashed, hit, kicked something	356	0.21	0.72	0.00	5.00
P3E1HI4	Threw something at child	356	0.10	0.53	0.00	5.00
P3E1PA1	Pushed, grabbed, shoved child	356	0.56	1.12	0.00	5.00
P3E1PA2	Hit or tried to hit child	356	0.47	1.05	0.00	6.00
P3E1PA3	Hit or tried to hit child w/ something	356	0.21	0.71	0.00	5.00
P3E1PA4	Beat up your child	356	0.01	0.14	0.00	2.00
P3E1SP1	Spanked child	355	1.54	1.45	0.00	6.00
P3E1SP2	Spanked child with something	356	0.79	1.26	0.00	6.00
P3E1VA1	Argued angrily, did not yell	356	2.61	1.72	0.00	6.00
P3E1VA2	Yelled, insulted, swore at child	356	2.01	1.89	0.00	6.00
P3E1VA3	Threatened to throw something at child	356	0.14	0.67	0.00	5.00
P3E1VA4	Threatened to spank child	356	2.44	1.86	0.00	6.00
P3E1VA5	Threatened to hit child	356	0.65	1.36	0.00	6.00
P3E1VA6	Threatened to beat up child	356	0.14	0.77	0.00	6.00
P3E1VD1	Tried to discuss calmly	356	4.43	1.59	0.00	6.00
P3E1VD2	Did discuss issue calmly	356	4.38	1.50	0.00	6.00
P3E1VD3	Got information to back up side	356	3.15	1.99	0.00	6.00
P3E1VD4	Brought someone to help settle things	356	1.42	1.86	0.00	6.00
P3E2HI1	P Sulked or refused to talk	225	0.50	1.08	0.00	5.00
P3E2HI2	P Stomped out of room or house	225	0.41	1.00	0.00	6.00
P3E2HI3	P Threw, smashed, hit, kicked something	225	0.11	0.52	0.00	6.00
P3E2HI4	P Threw something at child	225	0.01	0.09	0.00	1.00
P3E2PA1	P Pushed, grabbed, shoved child	225	0.24	0.73	0.00	6.00
P3E2PA2	P Hit or tried to hit child	225	0.19	0.70	0.00	6.00
P3E2PA3	P Hit or tried to hit child w/ something	225	0.09	0.56	0.00	6.00
P3E2PA4	P Beat up your child	225	0.00	0.00	0.00	0.00
P3E2SP1	P Spanked child	225	0.86	1.14	0.00	4.00
P3E2SP2	P Spanked child with something	225	0.36	0.83	0.00	4.00
P3E2VA1	P Argued angrily, did not yell	225	1.92	1.76	0.00	6.00
P3E2VA2	P Yelled, insulted, swore at child	225	1.32	1.62	0.00	5.00
P3E2VA3	P Threatened to throw something at child	225	0.00	0.07	0.00	1.00
P3E2VA4	P Threatened to spank child	225	1.56	1.65	0.00	6.00
P3E2VA5	P Threatened to hit child	225	0.26	0.79	0.00	6.00
P3E2VA6	P Threatened to beat up child	226	0.00	0.07	0.00	1.00
P3E2VD1	P Tried to discuss calmly	225	4.04	1.76	0.00	6.00
P3E2VD2	P Did discuss issue calmly	225	3.98	1.68	0.00	6.00
P3E2VD3	P Got information to back up side	224	2.47	2.01	0.00	6.00

Descriptive Statistics - Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P3E2VD4	P Brought someone to help settle things	226	1.10	1.66	0.00	6.00
CFT3PA1	Physical Aggression subscale 1	356	0.32	0.55	0.00	3.00
CFT3VA1	Verbal Aggression subscale 1	356	1.33	0.89	0.00	5.00
CFT3DS1	Verbal Discussion subscale 1	356	3.34	1.26	0.25	6.00
CFT3HI1	Hostile-Indirect subscale 1	356	0.39	0.69	0.00	4.25
CFT3SP1	Spanking subscale 1	356	1.16	1.23	0.00	6.00
CFT3PA2	Physical Aggression subscale 2	225	0.13	0.39	0.00	3.25
CFT3VA2	Verbal Aggression subscale 2	225	0.84	0.70	0.00	2.83
CFT3DS2	Verbal Discussion subscale 2	225	2.90	1.34	0.00	6.00
CFT3HI2	Hostile-Indirect subscale 2	225	0.26	0.48	0.00	3.25
CFT3SP2	Spanking subscale 2	225	0.61	0.89	0.00	4.00

Descriptive Statistics - High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P3E1HI1	Sulked or refused to talk	142	1.20	1.61	0.00	6.00
P3E1HI2	Stomped out of room or house	142	0.63	1.18	0.00	5.00
P3E1HI3	Threw, smashed, hit, kicked something	142	0.35	0.88	0.00	4.00
P3E1HI4	Threw something at child	142	0.14	0.54	0.00	4.00
P3E1PA1	Pushed, grabbed, shoved child	142	0.81	1.30	0.00	5.00
P3E1PA2	Hit or tried to hit child	142	0.74	1.31	0.00	5.00
P3E1PA3	Hit or tried to hit child w/ something	142	0.43	1.15	0.00	5.00
P3E1PA4	Beat up your child	142	0.02	0.19	0.00	2.00
P3E1SP1	Spanked child	141	1.97	1.52	0.00	6.00
P3E1SP2	Spanked child with something	142	1.17	1.50	0.00	5.00
P3E1VA1	Argued angrily, did not yell	142	2.95	1.66	0.00	6.00
P3E1VA2	Yelled, insulted, swore at child	142	2.30	1.88	0.00	6.00
P3E1VA3	Threatened to throw something at child	142	0.16	0.59	0.00	4.00
P3E1VA4	Threatened to spank child	142	3.11	1.89	0.00	6.00
P3E1VA5	Threatened to hit child	142	0.97	1.63	0.00	6.00
P3E1VA6	Threatened to beat up child	142	0.11	0.57	0.00	4.00
P3E1VD1	Tried to discuss calmly	142	4.70	1.29	1.00	6.00
P3E1VD2	Did discuss issue calmly	142	4.56	1.27	1.00	6.00
P3E1VD3	Got information to back up side	142	3.53	1.85	0.00	6.00
P3E1VD4	Brought someone to help settle things	141	1.79	1.92	0.00	6.00
P3E2HI1	P Sulked or refused to talk	78	0.64	1.07	0.00	4.00
P3E2HI2	P Stomped out of room or house	78	0.68	1.31	0.00	6.00
P3E2HI3	P Threw, smashed, hit, kicked something	78	0.21	0.89	0.00	6.00
P3E2HI4	P Threw something at child	78	0.01	0.11	0.00	1.00
P3E2PA1	P Pushed, grabbed, shoved child	78	0.46	1.07	0.00	6.00
P3E2PA2	P Hit or tried to hit child	78	0.21	0.61	0.00	3.00

Descriptive Statistics - High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
P3E2PA3	P Hit or tried to hit child w/ something	78	0.10	0.52	0.00	4.00
P3E2PA4	P Beat up your child	78	0.00	0.00	0.00	0.00
P3E2SP1	P Spanked child	78	1.28	1.30	0.00	5.00
P3E2SP2	P Spanked child with something	78	0.55	1.08	0.00	4.00
P3E2VA1	P Argued angrily, did not yell	78	2.38	1.76	0.00	6.00
P3E2VA2	P Yelled, insulted, swore at child	78	1.36	1.66	0.00	6.00
P3E2VA3	P Threatened to throw something at child	78	0.05	0.27	0.00	2.00
P3E2VA4	P Threatened to spank child	78	2.31	1.69	0.00	6.00
P3E2VA5	P Threatened to hit child	78	0.37	0.98	0.00	4.00
P3E2VA6	P Threatened to beat up child	78	0.05	0.45	0.00	4.00
P3E2VD1	P Tried to discuss calmly	78	4.33	1.48	0.00	6.00
P3E2VD2	P Did discuss issue calmly	78	4.15	1.51	0.00	6.00
P3E2VD3	P Got information to back up side	77	2.88	2.06	0.00	6.00
P3E2VD4	P Brought someone to help settle things	78	1.35	1.84	0.00	6.00
CFT3PA1	Physical Aggression subscale 1	142	0.50	0.70	0.00	2.75
CFT3VA1	Verbal Aggression subscale 1	142	1.60	0.86	0.00	3.67
CFT3DS1	Verbal Discussion subscale 1	142	3.64	1.13	0.75	5.50
CFT3HI1	Hostile-Indirect subscale 1	142	0.58	0.73	0.00	4.25
CFT3SP1	Spanking subscale 1	142	1.57	1.38	0.00	5.50
CFT3PA2	Physical Aggression subscale 2	78	0.19	0.39	0.00	1.75
CFT3VA2	Verbal Aggression subscale 2	78	1.09	0.77	0.00	3.83
CFT3DS2	Verbal Discussion subscale 2	78	3.18	1.15	0.75	5.50
CFT3HI2	Hostile-Indirect subscale 2	78	0.38	0.61	0.00	3.25
CFT3SP2	Spanking subscale 2	78	0.92	1.08	0.00	4.50

VII. Item and Scale Correlations

Conflict Tactics Scales Item Correlation Full Sample

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	CFT3PAR	P3E1HI1	P3E1HI2	P3E1HI3	P3E1HI4	P3E1PA1	P3E1PA2	P3E1PA3	P3E1PA4
CFT3PAR Has the parent had a partner in the past year?	1.000 424	0.164 0.001 424	0.062 0.200 424	0.111 0.022 424	0.106 0.029 424	0.087 0.073 424	0.176 0.000 424	0.099 0.041 424	0.120 0.013 424
P3E1HI1 Sulked or refused to talk	0.164 0.001 424	1.000 425	0.444 0.000 425	0.268 0.000 425	0.163 0.001 425	0.112 0.021 425	0.214 0.000 425	0.219 0.000 425	0.107 0.027 425
P3E1HI2 Stomped out of room or house	0.062 0.200 424	0.444 0.000 425	1.000 425	0.490 0.000 425	0.253 0.000 425	0.270 0.000 425	0.185 0.000 425	0.140 0.004 425	0.108 0.026 425
P3E1HI3 Threw, smashed, hit, kicked something	0.111 0.022 424	0.268 0.000 425	0.490 0.000 425	1.000 425	0.423 0.000 425	0.332 0.000 425	0.146 0.003 425	0.106 0.029 425	0.022 0.649 425
P3E1HI4 Threw something at child	0.106 0.029 424	0.163 0.001 425	0.253 0.000 425	0.423 0.000 425	1.000 425	0.219 0.000 425	0.082 0.092 425	0.114 0.019 425	0.126 0.009 425
P3E1PA1 Pushed, grabbed, shoved child	0.087 0.073 424	0.112 0.021 425	0.270 0.000 425	0.332 0.000 425	0.219 0.000 425	1.000 425	0.320 0.000 425	0.066 0.174 425	0.090 0.065 425
P3E1PA2 Hit or tried to hit child	0.176 0.000 424	0.214 0.000 425	0.185 0.000 425	0.146 0.003 425	0.082 0.092 425	0.320 0.000 425	1.000 425	0.608 0.000 425	0.169 0.000 425
P3E1PA3 Hit or tried to hit child w/ something	0.099 0.041 424	0.219 0.000 425	0.140 0.004 425	0.106 0.029 425	0.114 0.019 425	0.066 0.174 425	0.608 0.000 425	1.000 425	0.041 0.394 425
P3E1PA4 Beat up your child	0.120 0.013 424	0.107 0.027 425	0.108 0.026 425	0.022 0.649 425	0.126 0.009 425	0.090 0.065 425	0.169 0.000 425	0.041 0.394 425	1.000 425
P3E1VA1 Argued angrily, did not yell	0.002 0.963 424	0.188 0.000 425	0.199 0.000 425	0.121 0.012 425	0.096 0.048 425	0.251 0.000 425	0.153 0.002 425	0.089 0.065 425	0.072 0.139 425
P3E1VA2 Yelled, insulted, swore at child	0.044 0.367 424	0.204 0.000 425	0.255 0.000 425	0.210 0.000 425	0.145 0.003 425	0.453 0.000 425	0.216 0.000 425	0.105 0.030 425	0.005 0.920 425
P3E1VA3 Threatened to throw something at child	0.201 0.000 424	0.231 0.000 425	0.459 0.000 425	0.489 0.000 425	0.561 0.000 425	0.330 0.000 425	0.200 0.000 425	0.190 0.000 425	0.094 0.052 425
P3E1VA4 Threatened to spank child	0.128 0.008 424	0.169 0.000 425	0.199 0.000 425	0.201 0.000 425	0.130 0.007 425	0.260 0.000 425	0.357 0.000 425	0.274 0.000 425	0.070 0.147 425
P3E1VA5 Threatened to hit child	0.136 0.005 424	0.166 0.001 425	0.225 0.000 425	0.166 0.001 425	0.071 0.146 425	0.344 0.000 425	0.715 0.000 425	0.443 0.000 425	0.131 0.007 425
P3E1VA6 Threatened to beat up child	0.208 0.000 424	0.179 0.000 425	0.224 0.000 425	0.125 0.010 425	0.048 0.327 425	0.162 0.001 425	0.205 0.000 425	0.061 0.213 425	0.521 0.000 425
P3E1VD1 Tried to discuss calmly	-0.141 0.004 424	-0.010 0.844 425	0.044 0.369 425	0.060 0.221 425	0.073 0.133 425	0.095 0.051 425	0.034 0.486 425	0.073 0.130 425	-0.111 0.022 425

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

	CFT3PAR	P3E1HI1	P3E1HI2	P3E1HI3	P3E1HI4	P3E1PA1	P3E1PA2	P3E1PA3	P3E1PA4
P3E1VD2 Did discuss issue calmly	-0.077 0.111 424	0.024 0.627 425	0.008 0.876 425	0.024 0.627 425	-0.032 0.505 425	0.019 0.699 425	0.007 0.892 425	0.051 0.295 425	-0.112 0.021 425
P3E1VD3 Got information to back up side	-0.066 0.178 424	0.067 0.165 425	0.129 0.008 425	0.027 0.582 425	0.083 0.086 425	0.087 0.072 425	0.109 0.024 425	0.120 0.013 425	-0.040 0.410 425
P3E1VD4 Brought someone to help settle things	-0.032 0.513 423	0.241 0.000 424	0.279 0.000 424	0.067 0.171 424	0.094 0.054 424	0.145 0.003 424	0.039 0.426 424	0.070 0.153 424	0.034 0.485 424
P3E1SP1 Spanked child	0.221 0.000 423	0.288 0.000 424	0.192 0.000 424	0.193 0.000 424	0.132 0.006 424	0.269 0.000 424	0.355 0.000 424	0.295 0.000 424	0.003 0.949 424
P3E1SP2 Spanked child with something	0.215 0.000 424	0.235 0.000 425	0.158 0.001 425	0.194 0.000 425	0.128 0.008 425	0.232 0.000 425	0.307 0.000 425	0.391 0.000 425	0.023 0.629 425
P3E2HI1 P Sulked or refused to talk	-0.042 0.499 264	0.283 0.000 265	0.117 0.057 265	-0.018 0.765 265	-0.068 0.268 265	0.054 0.380 265	0.072 0.244 265	0.060 0.332 265	. . 265
P3E2HI2 P Stomped out of room or house	0.045 0.463 264	0.350 0.000 265	0.374 0.000 265	0.123 0.046 265	0.014 0.820 265	0.089 0.151 265	0.066 0.283 265	0.065 0.290 265	. . 265
P3E2HI3 P Threw, smashed, hit, kicked something	-0.018 0.766 264	0.115 0.061 265	-0.006 0.916 265	0.071 0.249 265	0.002 0.980 265	0.022 0.716 265	-0.035 0.570 265	-0.055 0.370 265	. . 265
P3E2HI4 P Threw something at child	-0.009 0.880 264	-0.029 0.640 265	-0.014 0.821 265	0.144 0.019 265	0.083 0.178 265	0.045 0.461 265	0.062 0.312 265	-0.028 0.649 265	. . 265
P3E2PA1 P Pushed, grabbed, shoved child	-0.031 0.617 264	-0.052 0.395 265	0.003 0.963 265	0.022 0.717 265	-0.023 0.710 265	0.586 0.000 265	0.350 0.000 265	0.039 0.531 265	. . 265
P3E2PA2 P Hit or tried to hit child	0.103 0.094 264	0.016 0.796 265	0.090 0.143 265	0.071 0.247 265	0.091 0.138 265	0.220 0.000 265	0.505 0.000 265	0.408 0.000 265	. . 265
P3E2PA3 P Hit or tried to hit child w/ something	0.136 0.028 264	0.090 0.145 265	0.042 0.494 265	-0.002 0.976 265	0.080 0.192 265	0.069 0.265 265	0.397 0.000 265	0.514 0.000 265	. . 265
P3E2PA4 P Beat up your child	. . 264	. . 265	. . 265	. . 265	. . 265	. . 265	. . 265	. . 265	. . 265
P3E2VA1 P Argued angrily, did not yell	0.025 0.689 264	0.173 0.005 265	0.121 0.049 265	0.083 0.179 265	-0.012 0.840 265	0.116 0.060 265	0.116 0.058 265	0.041 0.510 265	. . 265
P3E2VA2 P Yelled, insulted, swore at child	0.034 0.586 264	0.075 0.226 265	0.081 0.190 265	0.040 0.512 265	-0.075 0.225 265	0.250 0.000 265	0.081 0.189 265	-0.050 0.421 265	. . 265
P3E2VA3 P Threatened to throw something at child	-0.010 0.869 264	-0.045 0.463 265	0.063 0.311 265	-0.029 0.641 265	0.046 0.458 265	0.161 0.009 265	0.068 0.270 265	-0.031 0.619 265	. . 265
P3E2VA4 P Threatened to spank child	0.152 0.014 264	0.073 0.235 265	0.040 0.512 265	0.024 0.698 265	0.013 0.827 265	0.191 0.002 265	0.198 0.001 265	0.106 0.085 265	. . 265
P3E2VA5 P Threatened to hit child	0.174 0.004 264	-0.045 0.462 265	0.087 0.159 265	0.107 0.082 265	0.116 0.060 265	0.315 0.000 265	0.479 0.000 265	0.272 0.000 265	. . 265

Pearson Correlation Coefficients									
Prob > r under H0: Rho=0									
Number of Observations									
	CFT3PAR	P3E1HI1	P3E1HI2	P3E1HI3	P3E1HI4	P3E1PA1	P3E1PA2	P3E1PA3	P3E1PA4
P3E2VA6 P Threatened to beat up child	-0.007 0.916 265	-0.042 0.497 266	0.085 0.168 266	-0.018 0.766 266	-0.014 0.823 266	0.188 0.002 266	0.087 0.155 266	-0.020 0.751 266	.
P3E2VD1 P Tried to discuss calmly	0.048 0.437 264	0.028 0.649 265	-0.009 0.886 265	-0.024 0.692 265	0.007 0.905 265	-0.005 0.940 265	-0.103 0.094 265	-0.087 0.160 265	.
P3E2VD2 P Did discuss issue calmly	0.055 0.377 264	0.061 0.325 265	0.038 0.540 265	0.031 0.616 265	0.030 0.622 265	-0.012 0.848 265	-0.033 0.590 265	-0.006 0.920 265	.
P3E2VD3 P Got information to back up side	-0.000 0.995 263	0.065 0.293 264	0.077 0.212 264	-0.053 0.392 264	0.013 0.831 264	0.072 0.246 264	0.019 0.764 264	0.123 0.046 264	.
P3E2VD4 P Brought someone to help settle things	0.069 0.266 265	0.209 0.001 266	0.186 0.002 266	0.006 0.917 266	0.047 0.442 266	0.065 0.291 266	0.097 0.116 266	0.116 0.060 266	.
P3E2SP1 P Spanked child	0.083 0.180 264	0.241 0.000 265	0.139 0.024 265	0.093 0.132 265	0.005 0.934 265	0.120 0.050 265	0.195 0.001 265	0.215 0.000 265	.
P3E2SP2 P Spanked child with something	0.114 0.064 264	0.218 0.000 265	0.102 0.097 265	0.010 0.875 265	0.070 0.253 265	-0.000 0.999 265	0.200 0.001 265	0.303 0.000 265	.

Pearson Correlation Coefficients									
Prob > r under H0: Rho=0									
Number of Observations									
	P3E1VA1	P3E1VA2	P3E1VA3	P3E1VA4	P3E1VA5	P3E1VA6	P3E1VD1	P3E1VD2	P3E1VD3
CFT3PAR Has the parent had a partner in the past year?	0.002 0.963 424	0.044 0.367 424	0.201 0.000 424	0.128 0.008 424	0.136 0.005 424	0.208 0.000 424	-0.141 0.004 424	-0.077 0.111 424	-0.066 0.178 424
P3E1HI1 Sulked or refused to talk	0.188 0.000 425	0.204 0.000 425	0.231 0.000 425	0.169 0.000 425	0.166 0.001 425	0.179 0.000 425	-0.010 0.844 425	0.024 0.627 425	0.067 0.165 425
P3E1HI2 Stomped out of room or house	0.199 0.000 425	0.255 0.000 425	0.459 0.000 425	0.199 0.000 425	0.225 0.000 425	0.224 0.000 425	0.044 0.369 425	0.008 0.876 425	0.129 0.008 425
P3E1HI3 Threw, smashed, hit, kicked something	0.121 0.012 425	0.210 0.000 425	0.489 0.000 425	0.201 0.000 425	0.166 0.001 425	0.125 0.010 425	0.060 0.221 425	0.024 0.627 425	0.027 0.582 425
P3E1HI4 Threw something at child	0.096 0.048 425	0.145 0.003 425	0.561 0.000 425	0.130 0.007 425	0.071 0.146 425	0.048 0.327 425	0.073 0.133 425	-0.032 0.505 425	0.083 0.086 425
P3E1PA1 Pushed, grabbed, shoved child	0.251 0.000 425	0.453 0.000 425	0.330 0.000 425	0.260 0.000 425	0.344 0.000 425	0.162 0.001 425	0.095 0.051 425	0.019 0.699 425	0.087 0.072 425
P3E1PA2 Hit or tried to hit child	0.153 0.002 425	0.216 0.000 425	0.200 0.000 425	0.357 0.000 425	0.715 0.000 425	0.205 0.000 425	0.034 0.486 425	0.007 0.892 425	0.109 0.024 425
P3E1PA3 Hit or tried to hit child w/ something	0.089 0.065 425	0.105 0.030 425	0.190 0.000 425	0.274 0.000 425	0.443 0.000 425	0.061 0.213 425	0.073 0.130 425	0.051 0.295 425	0.120 0.013 425
P3E1PA4 Beat up your child	0.072 0.139 425	0.005 0.920 425	0.094 0.052 425	0.070 0.147 425	0.131 0.007 425	0.521 0.000 425	-0.111 0.022 425	-0.112 0.021 425	-0.040 0.410 425

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	P3E1VA1	P3E1VA2	P3E1VA3	P3E1VA4	P3E1VA5	P3E1VA6	P3E1VD1	P3E1VD2	P3E1VD3
P3E1VA1 Argued angrily, did not yell	1.000 0.000 425	0.407 0.000 425	0.162 0.001 425	0.298 0.000 425	0.164 0.001 425	0.120 0.014 425	0.239 0.000 425	0.269 0.000 425	0.331 0.000 425
P3E1VA2 Yelled, insulted, swore at child	0.407 0.000 425	1.000 0.000 425	0.211 0.000 425	0.359 0.000 425	0.298 0.000 425	0.182 0.000 425	0.164 0.001 425	0.067 0.168 425	0.152 0.002 425
P3E1VA3 Threatened to throw something at child	0.162 0.001 425	0.211 0.000 425	1.000 0.000 425	0.219 0.000 425	0.274 0.000 425	0.348 0.000 425	0.058 0.236 425	0.010 0.841 425	0.090 0.064 425
P3E1VA4 Threatened to spank child	0.298 0.000 425	0.359 0.000 425	0.219 0.000 425	1.000 0.000 425	0.397 0.000 425	0.174 0.000 425	0.136 0.005 425	0.100 0.039 425	0.174 0.000 425
P3E1VA5 Threatened to hit child	0.164 0.001 425	0.298 0.000 425	0.274 0.000 425	0.397 0.000 425	1.000 0.000 425	0.256 0.000 425	0.056 0.247 425	0.004 0.933 425	0.111 0.022 425
P3E1VA6 Threatened to beat up child	0.120 0.014 425	0.182 0.000 425	0.348 0.000 425	0.174 0.000 425	0.256 0.000 425	1.000 0.000 425	-0.058 0.236 425	-0.100 0.039 425	0.004 0.937 425
P3E1VD1 Tried to discuss calmly	0.239 0.000 425	0.164 0.001 425	0.058 0.236 425	0.136 0.005 425	0.056 0.247 425	-0.058 0.236 425	1.000 0.000 425	0.775 0.000 425	0.408 0.000 425
P3E1VD2 Did discuss issue calmly	0.269 0.000 425	0.067 0.168 425	0.010 0.841 425	0.100 0.039 425	0.004 0.933 425	-0.100 0.039 425	0.775 0.000 425	1.000 0.000 425	0.396 0.000 425
P3E1VD3 Got information to back up side	0.331 0.000 425	0.152 0.002 425	0.090 0.064 425	0.174 0.000 425	0.111 0.022 425	0.004 0.937 425	0.408 0.000 425	0.396 0.000 425	1.000 0.000 425
P3E1VD4 Brought someone to help settle things	0.302 0.000 424	0.196 0.000 424	0.170 0.000 424	0.212 0.000 424	0.121 0.013 424	0.058 0.236 424	0.204 0.000 424	0.182 0.000 424	0.375 0.000 424
P3E1SP1 Spanked child	0.251 0.000 424	0.236 0.000 424	0.229 0.000 424	0.620 0.000 424	0.301 0.000 424	0.137 0.005 424	0.058 0.235 424	0.044 0.368 424	0.138 0.005 424
P3E1SP2 Spanked child with something	0.209 0.000 425	0.201 0.000 425	0.237 0.000 425	0.456 0.000 425	0.287 0.000 425	0.137 0.005 425	0.094 0.052 425	0.045 0.353 425	0.163 0.001 425
P3E2HI1 P Sulked or refused to talk	0.101 0.102 265	0.130 0.034 265	-0.033 0.592 265	0.157 0.011 265	0.041 0.507 265	-0.046 0.454 265	0.067 0.275 265	0.080 0.196 265	0.118 0.055 265
P3E2HI2 P Stomped out of room or house	0.079 0.203 265	0.198 0.001 265	0.153 0.013 265	0.047 0.446 265	0.115 0.062 265	0.051 0.413 265	0.030 0.631 265	0.042 0.494 265	0.074 0.230 265
P3E2HI3 P Threw, smashed, hit, kicked something	0.022 0.722 265	0.074 0.231 265	0.008 0.891 265	0.030 0.624 265	-0.013 0.838 265	-0.020 0.741 265	-0.014 0.821 265	0.060 0.334 265	0.051 0.410 265
P3E2HI4 P Threw something at child	0.063 0.308 265	0.153 0.013 265	-0.016 0.790 265	0.090 0.142 265	0.030 0.624 265	-0.010 0.867 265	0.049 0.423 265	0.014 0.823 265	-0.019 0.753 265
P3E2PA1 P Pushed, grabbed, shoved child	0.145 0.018 265	0.303 0.000 265	0.074 0.228 265	0.145 0.018 265	0.291 0.000 265	-0.034 0.579 265	0.147 0.017 265	0.130 0.035 265	0.154 0.012 265
P3E2PA2 P Hit or tried to hit child	0.126 0.041 265	0.054 0.378 265	0.182 0.003 265	0.197 0.001 265	0.421 0.000 265	-0.027 0.658 265	0.130 0.034 265	0.102 0.097 265	0.110 0.075 265

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	P3E1VA1	P3E1VA2	P3E1VA3	P3E1VA4	P3E1VA5	P3E1VA6	P3E1VD1	P3E1VD2	P3E1VD3
P3E2PA3 P Hit or tried to hit child w/ something	0.104 0.092 265	-0.017 0.788 265	0.239 0.000 265	0.174 0.005 265	0.343 0.000 265	-0.017 0.782 265	0.086 0.163 265	0.087 0.156 265	0.051 0.409 265
P3E2PA4 P Beat up your child	. . . 265	. . . 265	. . . 265	. . . 265	. . . 265	. . . 265	. . . 265	. . . 265	. . . 265
P3E2VA1 P Argued angrily, did not yell	0.547 0.000 265	0.311 0.000 265	0.088 0.152 265	0.234 0.000 265	0.107 0.083 265	0.090 0.142 265	0.242 0.000 265	0.237 0.000 265	0.229 0.000 265
P3E2VA2 P Yelled, insulted, swore at child	0.318 0.000 265	0.525 0.000 265	0.006 0.924 265	0.147 0.016 265	0.142 0.021 265	0.038 0.542 265	0.202 0.001 265	0.197 0.001 265	0.045 0.467 265
P3E2VA3 P Threatened to throw something at child	0.120 0.050 265	0.124 0.043 265	0.390 0.000 265	0.099 0.108 265	0.102 0.098 265	-0.011 0.855 265	0.105 0.087 265	0.072 0.245 265	0.102 0.096 265
P3E2VA4 P Threatened to spank child	0.284 0.000 265	0.213 0.000 265	0.087 0.159 265	0.538 0.000 265	0.187 0.002 265	0.095 0.124 265	0.186 0.002 265	0.163 0.008 265	0.141 0.021 265
P3E2VA5 P Threatened to hit child	0.139 0.024 265	0.132 0.032 265	0.244 0.000 265	0.200 0.001 265	0.587 0.000 265	-0.032 0.599 265	0.122 0.048 265	0.088 0.154 265	0.077 0.213 265
P3E2VA6 P Threatened to beat up child	0.059 0.337 266	0.112 0.067 266	0.337 0.000 266	0.112 0.069 266	0.153 0.013 266	-0.007 0.907 266	0.028 0.654 266	0.036 0.559 266	0.034 0.584 266
P3E2VD1 P Tried to discuss calmly	0.256 0.000 265	0.107 0.082 265	-0.138 0.025 265	0.108 0.080 265	-0.088 0.151 265	0.018 0.767 265	0.625 0.000 265	0.589 0.000 265	0.298 0.000 265
P3E2VD2 P Did discuss issue calmly	0.237 0.000 265	0.079 0.197 265	-0.030 0.631 265	0.107 0.081 265	-0.013 0.831 265	-0.027 0.662 265	0.596 0.000 265	0.607 0.000 265	0.344 0.000 265
P3E2VD3 P Got information to back up side	0.200 0.001 264	0.042 0.499 264	0.027 0.661 264	0.131 0.034 264	0.010 0.878 264	-0.012 0.843 264	0.406 0.000 264	0.385 0.000 264	0.640 0.000 264
P3E2VD4 P Brought someone to help settle things	0.317 0.000 266	0.156 0.011 266	-0.065 0.292 266	0.123 0.044 266	0.090 0.144 266	0.076 0.214 266	0.155 0.011 266	0.163 0.008 266	0.246 0.000 266
P3E2SP1 P Spanked child	0.208 0.001 265	0.154 0.012 265	0.041 0.507 265	0.431 0.000 265	0.147 0.017 265	0.092 0.135 265	0.118 0.055 265	0.068 0.269 265	0.147 0.017 265
P3E2SP2 P Spanked child with something	0.099 0.109 265	-0.008 0.903 265	0.073 0.236 265	0.297 0.000 265	0.172 0.005 265	0.127 0.039 265	0.082 0.184 265	0.062 0.311 265	0.139 0.024 265

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	P3E1VD4	P3E1SP1	P3E1SP2	P3E2HI1	P3E2HI2	P3E2HI3	P3E2HI4	P3E2PA1	P3E2PA2
CFT3PAR Has the parent had a partner in the past year?	-0.032 0.513 423	0.221 0.000 423	0.215 0.000 424	-0.042 0.499 264	0.045 0.463 264	-0.018 0.766 264	-0.009 0.880 264	-0.031 0.617 264	0.103 0.094 264
P3E1HI1 Sulked or refused to talk	0.241 0.000 424	0.288 0.000 424	0.235 0.000 425	0.283 0.000 265	0.350 0.000 265	0.115 0.061 265	-0.029 0.640 265	-0.052 0.395 265	0.016 0.796 265

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	P3E1VD4	P3E1SP1	P3E1SP2	P3E2HI1	P3E2HI2	P3E2HI3	P3E2HI4	P3E2PA1	P3E2PA2
P3E1HI2 Stomped out of room or house	0.279 0.000 424	0.192 0.000 424	0.158 0.001 425	0.117 0.057 265	0.374 0.000 265	-0.006 0.916 265	-0.014 0.821 265	0.003 0.963 265	0.090 0.143 265
P3E1HI3 Threw, smashed, hit, kicked something	0.067 0.171 424	0.193 0.000 424	0.194 0.000 425	-0.018 0.765 265	0.123 0.046 265	0.071 0.249 265	0.144 0.019 265	0.022 0.717 265	0.071 0.247 265
P3E1HI4 Threw something at child	0.094 0.054 424	0.132 0.006 424	0.128 0.008 425	-0.068 0.268 265	0.014 0.820 265	0.002 0.980 265	0.083 0.178 265	-0.023 0.710 265	0.091 0.138 265
P3E1PA1 Pushed, grabbed, shoved child	0.145 0.003 424	0.269 0.000 424	0.232 0.000 425	0.054 0.380 265	0.089 0.151 265	0.022 0.716 265	0.045 0.461 265	0.586 0.000 265	0.220 0.000 265
P3E1PA2 Hit or tried to hit child	0.039 0.426 424	0.355 0.000 424	0.307 0.000 425	0.072 0.244 265	0.066 0.283 265	-0.035 0.570 265	0.062 0.312 265	0.350 0.000 265	0.505 0.000 265
P3E1PA3 Hit or tried to hit child w/ something	0.070 0.153 424	0.295 0.000 424	0.391 0.000 425	0.060 0.332 265	0.065 0.290 265	-0.055 0.370 265	-0.028 0.649 265	0.039 0.531 265	0.408 0.000 265
P3E1PA4 Beat up your child	0.034 0.485 424	0.003 0.949 424	0.023 0.629 425
P3E1VA1 Argued angrily, did not yell	0.302 0.000 424	0.251 0.000 424	0.209 0.000 425	0.101 0.102 265	0.079 0.203 265	0.022 0.722 265	0.063 0.308 265	0.145 0.018 265	0.126 0.041 265
P3E1VA2 Yelled, insulted, swore at child	0.196 0.000 424	0.236 0.000 424	0.201 0.000 425	0.130 0.034 265	0.198 0.001 265	0.074 0.231 265	0.153 0.013 265	0.303 0.000 265	0.054 0.378 265
P3E1VA3 Threatened to throw something at child	0.170 0.000 424	0.229 0.000 424	0.237 0.000 425	-0.033 0.592 265	0.153 0.013 265	0.008 0.891 265	-0.016 0.790 265	0.074 0.228 265	0.182 0.003 265
P3E1VA4 Threatened to spank child	0.212 0.000 424	0.620 0.000 424	0.456 0.000 425	0.157 0.011 265	0.047 0.446 265	0.030 0.624 265	0.090 0.142 265	0.145 0.018 265	0.197 0.001 265
P3E1VA5 Threatened to hit child	0.121 0.013 424	0.301 0.000 424	0.287 0.000 425	0.041 0.507 265	0.115 0.062 265	-0.013 0.838 265	0.030 0.624 265	0.291 0.000 265	0.421 0.000 265
P3E1VA6 Threatened to beat up child	0.058 0.236 424	0.137 0.005 424	0.137 0.005 425	-0.046 0.454 265	0.051 0.413 265	-0.020 0.741 265	-0.010 0.867 265	-0.034 0.579 265	-0.027 0.658 265
P3E1VD1 Tried to discuss calmly	0.204 0.000 424	0.058 0.235 424	0.094 0.052 425	0.067 0.275 265	0.030 0.631 265	-0.014 0.821 265	0.049 0.423 265	0.147 0.017 265	0.130 0.034 265
P3E1VD2 Did discuss issue calmly	0.182 0.000 424	0.044 0.368 424	0.045 0.353 425	0.080 0.196 265	0.042 0.494 265	0.060 0.334 265	0.014 0.823 265	0.130 0.035 265	0.102 0.097 265
P3E1VD3 Got information to back up side	0.375 0.000 424	0.138 0.005 424	0.163 0.001 425	0.118 0.055 265	0.074 0.230 265	0.051 0.410 265	-0.019 0.753 265	0.154 0.012 265	0.110 0.075 265
P3E1VD4 Brought someone to help settle things	1.000 424	0.201 0.000 423	0.157 0.001 424	0.245 0.000 265	0.277 0.000 265	0.148 0.016 265	0.024 0.703 265	0.182 0.003 265	0.094 0.128 265
P3E1SP1 Spanked child	0.201 0.000 423	1.000 424	0.662 0.000 424	0.196 0.001 265	0.063 0.303 265	0.005 0.931 265	0.049 0.429 265	0.195 0.001 265	0.154 0.012 265

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	P3E1VD4	P3E1SP1	P3E1SP2	P3E2HI1	P3E2HI2	P3E2HI3	P3E2HI4	P3E2PA1	P3E2PA2
P3E1SP2 Spanked child with something	0.157 0.001 424	0.662 0.000 424	1.000 425	0.029 0.644 265	0.077 0.213 265	0.035 0.568 265	0.090 0.145 265	0.029 0.644 265	0.125 0.041 265
P3E2HI1 P Sulked or refused to talk	0.245 0.000 265	0.196 0.001 265	0.029 0.644 265	1.000 265	0.308 0.000 265	0.073 0.236 265	-0.051 0.408 265	0.029 0.635 265	0.028 0.655 265
P3E2HI2 P Stomped out of room or house	0.277 0.000 265	0.063 0.303 265	0.077 0.213 265	0.308 0.000 265	1.000 265	0.422 0.000 265	-0.045 0.461 265	0.022 0.725 265	0.021 0.728 265
P3E2HI3 P Threw, smashed, hit, kicked something	0.148 0.016 265	0.005 0.931 265	0.035 0.568 265	0.073 0.236 265	0.422 0.000 265	1.000 265	0.110 0.073 265	0.145 0.018 265	-0.008 0.897 265
P3E2HI4 P Threw something at child	0.024 0.703 265	0.049 0.429 265	0.090 0.145 265	-0.051 0.408 265	-0.045 0.461 265	0.110 0.073 265	1.000 265	0.194 0.001 265	0.074 0.227 265
P3E2PA1 P Pushed, grabbed, shoved child	0.182 0.003 265	0.195 0.001 265	0.029 0.644 265	0.029 0.635 265	0.022 0.725 265	0.145 0.018 265	0.194 0.001 265	1.000 265	0.368 0.000 265
P3E2PA2 P Hit or tried to hit child	0.094 0.128 265	0.154 0.012 265	0.125 0.041 265	0.028 0.655 265	0.021 0.728 265	-0.008 0.897 265	0.074 0.227 265	0.368 0.000 265	1.000 265
P3E2PA3 P Hit or tried to hit child w/ something	0.018 0.766 265	0.185 0.003 265	0.176 0.004 265	0.143 0.020 265	0.055 0.373 265	-0.037 0.547 265	-0.019 0.760 265	0.125 0.042 265	0.746 0.000 265
P3E2PA4 P Beat up your child	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265
P3E2VA1 P Argued angrily, did not yell	0.320 0.000 265	0.262 0.000 265	0.058 0.345 265	0.192 0.002 265	0.201 0.001 265	0.157 0.010 265	0.020 0.740 265	0.200 0.001 265	0.165 0.007 265
P3E2VA2 P Yelled, insulted, swore at child	0.201 0.001 265	0.086 0.161 265	-0.056 0.364 265	0.304 0.000 265	0.292 0.000 265	0.146 0.017 265	0.020 0.749 265	0.297 0.000 265	0.127 0.039 265
P3E2VA3 P Threatened to throw something at child	0.111 0.072 265	0.071 0.249 265	0.072 0.243 265	-0.056 0.366 265	0.039 0.529 265	0.062 0.312 265	0.208 0.001 265	0.293 0.000 265	0.001 0.983 265
P3E2VA4 P Threatened to spank child	0.192 0.002 265	0.468 0.000 265	0.298 0.000 265	0.135 0.028 265	0.046 0.454 265	-0.002 0.980 265	0.110 0.073 265	0.322 0.000 265	0.348 0.000 265
P3E2VA5 P Threatened to hit child	0.080 0.192 265	0.193 0.002 265	0.090 0.145 265	-0.035 0.575 265	0.041 0.504 265	0.028 0.652 265	0.089 0.148 265	0.432 0.000 265	0.714 0.000 265
P3E2VA6 P Threatened to beat up child	0.094 0.125 266	0.023 0.710 266	-0.029 0.635 266	-0.036 0.564 265	0.081 0.186 265	0.123 0.045 265	-0.008 0.897 265	0.207 0.001 265	-0.021 0.733 265
P3E2VD1 P Tried to discuss calmly	0.252 0.000 265	0.076 0.217 265	-0.009 0.889 265	0.085 0.170 265	-0.014 0.818 265	-0.132 0.032 265	-0.003 0.961 265	0.036 0.565 265	0.002 0.979 265
P3E2VD2 P Did discuss issue calmly	0.255 0.000 265	0.066 0.287 265	0.024 0.694 265	0.038 0.538 265	-0.059 0.336 265	-0.105 0.087 265	0.002 0.969 265	0.023 0.711 265	0.020 0.748 265
P3E2VD3 P Got information to back up side	0.398 0.000 264	0.172 0.005 264	0.095 0.125 264	0.140 0.022 264	0.087 0.157 264	0.059 0.339 264	0.009 0.888 264	0.119 0.053 264	0.034 0.583 264

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	P3E1VD4	P3E1SP1	P3E1SP2	P3E2HI1	P3E2HI2	P3E2HI3	P3E2HI4	P3E2PA1	P3E2PA2
P3E2VD4 P Brought someone to help settle things	0.476 0.000 266	0.040 0.511 266	0.110 0.073 266	0.153 0.013 265	0.200 0.001 265	0.100 0.104 265	-0.072 0.241 265	0.080 0.194 265	0.123 0.045 265
P3E2SP1 P Spanked child	0.224 0.000 265	0.602 0.000 265	0.435 0.000 265	0.261 0.000 265	0.090 0.145 265	0.023 0.712 265	0.102 0.098 265	0.324 0.000 265	0.356 0.000 265
P3E2SP2 P Spanked child with something	0.181 0.003 265	0.459 0.000 265	0.594 0.000 265	0.123 0.045 265	0.082 0.181 265	0.046 0.457 265	0.078 0.207 265	0.142 0.021 265	0.361 0.000 265

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations									
	P3E2PA3	P3E2PA4	P3E2VA1	P3E2VA2	P3E2VA3	P3E2VA4	P3E2VA5	P3E2VA6	P3E2VD1
CFT3PAR Has the parent had a partner in the past year?	0.136 0.028 264	. .br/>264	0.025 0.689 264	0.034 0.586 264	-0.010 0.869 264	0.152 0.014 264	0.174 0.004 264	-0.007 0.916 265	0.048 0.437 264
P3E1HI1 Sulked or refused to talk	0.090 0.145 265	. .br/>265	0.173 0.005 265	0.075 0.226 265	-0.045 0.463 265	0.073 0.235 265	-0.045 0.462 265	-0.042 0.497 266	0.028 0.649 265
P3E1HI2 Stomped out of room or house	0.042 0.494 265	. .br/>265	0.121 0.049 265	0.081 0.190 265	0.063 0.311 265	0.040 0.512 265	0.087 0.159 265	0.085 0.168 266	-0.009 0.886 265
P3E1HI3 Threw, smashed, hit, kicked something	-0.002 0.976 265	. .br/>265	0.083 0.179 265	0.040 0.512 265	-0.029 0.641 265	0.024 0.698 265	0.107 0.082 265	-0.018 0.766 266	-0.024 0.692 265
P3E1HI4 Threw something at child	0.080 0.192 265	. .br/>265	-0.012 0.840 265	-0.075 0.225 265	0.046 0.458 265	0.013 0.827 265	0.116 0.060 265	-0.014 0.823 266	0.007 0.905 265
P3E1PA1 Pushed, grabbed, shoved child	0.069 0.265 265	. .br/>265	0.116 0.060 265	0.250 0.000 265	0.161 0.009 265	0.191 0.002 265	0.315 0.000 265	0.188 0.002 266	-0.005 0.940 265
P3E1PA2 Hit or tried to hit child	0.397 0.000 265	. .br/>265	0.116 0.058 265	0.081 0.189 265	0.068 0.270 265	0.198 0.001 265	0.479 0.000 265	0.087 0.155 266	-0.103 0.094 265
P3E1PA3 Hit or tried to hit child w/ something	0.514 0.000 265	. .br/>265	0.041 0.510 265	-0.050 0.421 265	-0.031 0.619 265	0.106 0.085 265	0.272 0.000 265	-0.020 0.751 266	-0.087 0.160 265
P3E1PA4 Beat up your child	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>265	. .br/>266	. .br/>265
P3E1VA1 Argued angrily, did not yell	0.104 0.092 265	. .br/>265	0.547 0.000 265	0.318 0.000 265	0.120 0.050 265	0.284 0.000 265	0.139 0.024 265	0.059 0.337 266	0.256 0.000 265
P3E1VA2 Yelled, insulted, swore at child	-0.017 0.788 265	. .br/>265	0.311 0.000 265	0.525 0.000 265	0.124 0.043 265	0.213 0.000 265	0.132 0.032 265	0.112 0.067 266	0.107 0.082 265
P3E1VA3 Threatened to throw something at child	0.239 0.000 265	. .br/>265	0.088 0.152 265	0.006 0.924 265	0.390 0.000 265	0.087 0.159 265	0.244 0.000 265	0.337 0.000 266	-0.138 0.025 265
P3E1VA4 Threatened to spank child	0.174 0.005 265	. .br/>265	0.234 0.000 265	0.147 0.016 265	0.099 0.108 265	0.538 0.000 265	0.200 0.001 265	0.112 0.069 266	0.108 0.080 265

Pearson Correlation Coefficients									
Prob > r under H0: Rho=0									
Number of Observations									
	P3E2PA3	P3E2PA4	P3E2VA1	P3E2VA2	P3E2VA3	P3E2VA4	P3E2VA5	P3E2VA6	P3E2VD1
P3E1VA5 Threatened to hit child	0.343 0.000 265	. . 265	0.107 0.083 265	0.142 0.021 265	0.102 0.098 265	0.187 0.002 265	0.587 0.000 265	0.153 0.013 266	-0.088 0.151 265
P3E1VA6 Threatened to beat up child	-0.017 0.782 265	. . 265	0.090 0.142 265	0.038 0.542 265	-0.011 0.855 265	0.095 0.124 265	-0.032 0.599 265	-0.007 0.907 266	0.018 0.767 265
P3E1VD1 Tried to discuss calmly	0.086 0.163 265	. . 265	0.242 0.000 265	0.202 0.001 265	0.105 0.087 265	0.186 0.002 265	0.122 0.048 265	0.028 0.654 266	0.625 0.000 265
P3E1VD2 Did discuss issue calmly	0.087 0.156 265	. . 265	0.237 0.000 265	0.197 0.001 265	0.072 0.245 265	0.163 0.008 265	0.088 0.154 265	0.036 0.559 266	0.589 0.000 265
P3E1VD3 Got information to back up side	0.051 0.409 265	. . 265	0.229 0.000 265	0.045 0.467 265	0.102 0.096 265	0.141 0.021 265	0.077 0.213 265	0.034 0.584 266	0.298 0.000 265
P3E1VD4 Brought someone to help settle things	0.018 0.766 265	. . 265	0.320 0.000 265	0.201 0.001 265	0.111 0.072 265	0.192 0.002 265	0.080 0.192 265	0.094 0.125 266	0.252 0.000 265
P3E1SP1 Spanked child	0.185 0.003 265	. . 265	0.262 0.000 265	0.086 0.161 265	0.071 0.249 265	0.468 0.000 265	0.193 0.002 265	0.023 0.710 266	0.076 0.217 265
P3E1SP2 Spanked child with something	0.176 0.004 265	. . 265	0.058 0.345 265	-0.056 0.364 265	0.072 0.243 265	0.298 0.000 265	0.090 0.145 265	-0.029 0.635 266	-0.009 0.889 265
P3E2HI1 P Sulked or refused to talk	0.143 0.020 265	. . 265	0.192 0.002 265	0.304 0.000 265	-0.056 0.366 265	0.135 0.028 265	-0.035 0.575 265	-0.036 0.564 265	0.085 0.170 265
P3E2HI2 P Stomped out of room or house	0.055 0.373 265	. . 265	0.201 0.001 265	0.292 0.000 265	0.039 0.529 265	0.046 0.454 265	0.041 0.504 265	0.081 0.186 265	-0.014 0.818 265
P3E2HI3 P Threw, smashed, hit, kicked something	-0.037 0.547 265	. . 265	0.157 0.010 265	0.146 0.017 265	0.062 0.312 265	-0.002 0.980 265	0.028 0.652 265	0.123 0.045 265	-0.132 0.032 265
P3E2HI4 P Threw something at child	-0.019 0.760 265	. . 265	0.020 0.740 265	0.020 0.749 265	0.208 0.001 265	0.110 0.073 265	0.089 0.148 265	-0.008 0.897 265	-0.003 0.961 265
P3E2PA1 P Pushed, grabbed, shoved child	0.125 0.042 265	. . 265	0.200 0.001 265	0.297 0.000 265	0.293 0.000 265	0.322 0.000 265	0.432 0.000 265	0.207 0.001 265	0.036 0.565 265
P3E2PA2 P Hit or tried to hit child	0.746 0.000 265	. . 265	0.165 0.007 265	0.127 0.039 265	0.001 0.983 265	0.348 0.000 265	0.714 0.000 265	-0.021 0.733 265	0.002 0.979 265
P3E2PA3 P Hit or tried to hit child w/ something	1.000 265	. 265	0.083 0.180 265	0.089 0.150 265	-0.021 0.738 265	0.246 0.000 265	0.529 0.000 265	-0.013 0.831 265	-0.028 0.653 265
P3E2PA4 P Beat up your child	. 265	. 265	. 265	. 265	. 265	. 265	. 265	. 265	. 265
P3E2VA1 P Argued angrily, did not yell	0.083 0.180 265	. 265	1.000 265	0.558 0.000 265	0.067 0.276 265	0.380 0.000 265	0.162 0.008 265	0.043 0.487 265	0.247 0.000 265
P3E2VA2 P Yelled, insulted, swore at child	0.089 0.150 265	. 265	0.558 0.000 265	1.000 265	0.103 0.095 265	0.336 0.000 265	0.209 0.001 265	0.148 0.016 265	0.133 0.030 265

Pearson Correlation Coefficients									
Prob > r under H0: Rho=0									
Number of Observations									
	P3E2PA3	P3E2PA4	P3E2VA1	P3E2VA2	P3E2VA3	P3E2VA4	P3E2VA5	P3E2VA6	P3E2VD1
P3E2VA3 P Threatened to throw something at child	-0.021 0.738 265	.	0.067 0.276 265	0.103 0.095 265	1.000 0.001 265	0.211 0.001 265	0.207 0.001 265	0.732 0.000 265	-0.085 0.169 265
P3E2VA4 P Threatened to spank child	0.246 0.000 265	.	0.380 0.000 265	0.336 0.000 265	0.211 0.001 265	1.000 0.000 265	0.339 0.000 265	0.125 0.041 265	0.162 0.008 265
P3E2VA5 P Threatened to hit child	0.529 0.000 265	.	0.162 0.008 265	0.209 0.001 265	0.207 0.001 265	0.339 0.000 265	1.000 0.000 265	0.254 0.000 265	-0.058 0.346 265
P3E2VA6 P Threatened to beat up child	-0.013 0.831 265	.	0.043 0.487 265	0.148 0.016 265	0.732 0.000 265	0.125 0.041 265	0.254 0.000 265	1.000 0.000 266	-0.141 0.022 265
P3E2VD1 P Tried to discuss calmly	-0.028 0.653 265	.	0.247 0.000 265	0.133 0.030 265	-0.085 0.169 265	0.162 0.008 265	-0.058 0.346 265	-0.141 0.022 265	1.000 0.000 265
P3E2VD2 P Did discuss issue calmly	0.004 0.948 265	.	0.256 0.000 265	0.061 0.323 265	-0.110 0.073 265	0.101 0.102 265	-0.059 0.340 265	-0.143 0.020 265	0.881 0.000 265
P3E2VD3 P Got information to back up side	0.018 0.776 264	.	0.237 0.000 264	0.064 0.303 264	0.087 0.158 264	0.103 0.095 264	0.004 0.951 264	0.056 0.367 264	0.457 0.000 264
P3E2VD4 P Brought someone to help settle things	0.076 0.219 265	.	0.355 0.000 265	0.268 0.000 265	-0.079 0.200 265	0.182 0.003 265	0.073 0.237 265	-0.041 0.500 266	0.170 0.005 265
P3E2SP1 P Spanked child	0.328 0.000 265	.	0.318 0.000 265	0.230 0.000 265	0.111 0.071 265	0.636 0.000 265	0.234 0.000 265	0.071 0.249 265	0.119 0.054 265
P3E2SP2 P Spanked child with something	0.443 0.000 265	.	0.178 0.004 265	0.046 0.454 265	0.057 0.352 265	0.418 0.000 265	0.259 0.000 265	0.002 0.979 265	0.051 0.404 265

Pearson Correlation Coefficients					
Prob > r under H0: Rho=0					
Number of Observations					
	P3E2VD2	P3E2VD3	P3E2VD4	P3E2SP1	P3E2SP2
CFT3PAR Has the parent had a partner in the past year?	0.055 0.377 264	-0.000 0.995 263	0.069 0.266 265	0.083 0.180 264	0.114 0.064 264
P3E1HI1 Sulked or refused to talk	0.061 0.325 265	0.065 0.293 264	0.209 0.001 266	0.241 0.000 265	0.218 0.000 265
P3E1HI2 Stomped out of room or house	0.038 0.540 265	0.077 0.212 264	0.186 0.002 266	0.139 0.024 265	0.102 0.097 265
P3E1HI3 Threw, smashed, hit, kicked something	0.031 0.616 265	-0.053 0.392 264	0.006 0.917 266	0.093 0.132 265	0.010 0.875 265
P3E1HI4 Threw something at child	0.030 0.622 265	0.013 0.831 264	0.047 0.442 266	0.005 0.934 265	0.070 0.253 265
P3E1PA1 Pushed, grabbed, shoved child	-0.012 0.848 265	0.072 0.246 264	0.065 0.291 266	0.120 0.050 265	-0.000 0.999 265

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	P3E2VD2	P3E2VD3	P3E2VD4	P3E2SP1	P3E2SP2
P3E1PA2 Hit or tried to hit child	-0.033 0.590 265	0.019 0.764 264	0.097 0.116 266	0.195 0.001 265	0.200 0.001 265
P3E1PA3 Hit or tried to hit child w/ something	-0.006 0.920 265	0.123 0.046 264	0.116 0.060 266	0.215 0.000 265	0.303 0.000 265
P3E1PA4 Beat up your child	. . 265	. . 264	. . 266	. . 265	. . 265
P3E1VA1 Argued angrily, did not yell	0.237 0.000 265	0.200 0.001 264	0.317 0.000 266	0.208 0.001 265	0.099 0.109 265
P3E1VA2 Yelled, insulted, swore at child	0.079 0.197 265	0.042 0.499 264	0.156 0.011 266	0.154 0.012 265	-0.008 0.903 265
P3E1VA3 Threatened to throw something at child	-0.030 0.631 265	0.027 0.661 264	-0.065 0.292 266	0.041 0.507 265	0.073 0.236 265
P3E1VA4 Threatened to spank child	0.107 0.081 265	0.131 0.034 264	0.123 0.044 266	0.431 0.000 265	0.297 0.000 265
P3E1VA5 Threatened to hit child	-0.013 0.831 265	0.010 0.878 264	0.090 0.144 266	0.147 0.017 265	0.172 0.005 265
P3E1VA6 Threatened to beat up child	-0.027 0.662 265	-0.012 0.843 264	0.076 0.214 266	0.092 0.135 265	0.127 0.039 265
P3E1VD1 Tried to discuss calmly	0.596 0.000 265	0.406 0.000 264	0.155 0.011 266	0.118 0.055 265	0.082 0.184 265
P3E1VD2 Did discuss issue calmly	0.607 0.000 265	0.385 0.000 264	0.163 0.008 266	0.068 0.269 265	0.062 0.311 265
P3E1VD3 Got information to back up side	0.344 0.000 265	0.640 0.000 264	0.246 0.000 266	0.147 0.017 265	0.139 0.024 265
P3E1VD4 Brought someone to help settle things	0.255 0.000 265	0.398 0.000 264	0.476 0.000 266	0.224 0.000 265	0.181 0.003 265
P3E1SP1 Spanked child	0.066 0.287 265	0.172 0.005 264	0.040 0.511 266	0.602 0.000 265	0.459 0.000 265
P3E1SP2 Spanked child with something	0.024 0.694 265	0.095 0.125 264	0.110 0.073 266	0.435 0.000 265	0.594 0.000 265
P3E2HI1 P Sulked or refused to talk	0.038 0.538 265	0.140 0.022 264	0.153 0.013 265	0.261 0.000 265	0.123 0.045 265
P3E2HI2 P Stomped out of room or house	-0.059 0.336 265	0.087 0.157 264	0.200 0.001 265	0.090 0.145 265	0.082 0.181 265
P3E2HI3 P Threw, smashed, hit, kicked something	-0.105 0.087 265	0.059 0.339 264	0.100 0.104 265	0.023 0.712 265	0.046 0.457 265

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations					
	P3E2VD2	P3E2VD3	P3E2VD4	P3E2SP1	P3E2SP2
P3E2HI4 P Threw something at child	0.002 0.969 265	0.009 0.888 264	-0.072 0.241 265	0.102 0.098 265	0.078 0.207 265
P3E2PA1 P Pushed, grabbed, shoved child	0.023 0.711 265	0.119 0.053 264	0.080 0.194 265	0.324 0.000 265	0.142 0.021 265
P3E2PA2 P Hit or tried to hit child	0.020 0.748 265	0.034 0.583 264	0.123 0.045 265	0.356 0.000 265	0.361 0.000 265
P3E2PA3 P Hit or tried to hit child w/ something	0.004 0.948 265	0.018 0.776 264	0.076 0.219 265	0.328 0.000 265	0.443 0.000 265
P3E2PA4 P Beat up your child	. . . 265	. . . 264	. . . 265	. . . 265	. . . 265
P3E2VA1 P Argued angrily, did not yell	0.256 0.000 265	0.237 0.000 264	0.355 0.000 265	0.318 0.000 265	0.178 0.004 265
P3E2VA2 P Yelled, insulted, swore at child	0.061 0.323 265	0.064 0.303 264	0.268 0.000 265	0.230 0.000 265	0.046 0.454 265
P3E2VA3 P Threatened to throw something at child	-0.110 0.073 265	0.087 0.158 264	-0.079 0.200 265	0.111 0.071 265	0.057 0.352 265
P3E2VA4 P Threatened to spank child	0.101 0.102 265	0.103 0.095 264	0.182 0.003 265	0.636 0.000 265	0.418 0.000 265
P3E2VA5 P Threatened to hit child	-0.059 0.340 265	0.004 0.951 264	0.073 0.237 265	0.234 0.000 265	0.259 0.000 265
P3E2VA6 P Threatened to beat up child	-0.143 0.020 265	0.056 0.367 264	-0.041 0.500 266	0.071 0.249 265	0.002 0.979 265
P3E2VD1 P Tried to discuss calmly	0.881 0.000 265	0.457 0.000 264	0.170 0.005 265	0.119 0.054 265	0.051 0.404 265
P3E2VD2 P Did discuss issue calmly	1.000 265	0.487 0.000 264	0.154 0.012 265	0.110 0.075 265	0.074 0.228 265
P3E2VD3 P Got information to back up side	0.487 0.000 264	1.000 264	0.292 0.000 264	0.148 0.016 264	0.144 0.019 264
P3E2VD4 P Brought someone to help settle things	0.154 0.012 265	0.292 0.000 264	1.000 266	0.171 0.005 265	0.151 0.014 265
P3E2SP1 P Spanked child	0.110 0.075 265	0.148 0.016 264	0.171 0.005 265	1.000 265	0.630 0.000 265
P3E2SP2 P Spanked child with something	0.074 0.228 265	0.144 0.019 264	0.151 0.014 265	0.630 0.000 265	1.000 265

Conflict Tactics Scales Subscales Correlation Full Sample

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations										
	CFT3HI1	CFT3PA1	CFT3VA1	CFT3DS1	CFT3SP1	CFT3HI2	CFT3PA2	CFT3VA2	CFT3DS2	CFT3SP2
CFT3HI1 Hostile-Indirect subscale 1	1.000 0.000 425	0.346 0.000 425	0.417 0.000 425	0.162 0.001 425	0.307 0.000 425	0.330 0.000 265	0.053 0.388 265	0.131 0.033 265	0.106 0.085 265	0.216 0.000 265
CFT3PA1 Physical Aggression subscale 1	0.346 0.000 425	1.000 0.000 425	0.598 0.000 425	0.130 0.008 425	0.443 0.000 425	0.091 0.140 265	0.574 0.000 265	0.286 0.000 265	0.036 0.562 265	0.233 0.000 265
CFT3VA1 Verbal Aggression subscale 1	0.417 0.000 425	0.598 0.000 425	1.000 0.000 425	0.315 0.000 425	0.510 0.000 425	0.192 0.002 265	0.345 0.000 265	0.585 0.000 265	0.220 0.000 265	0.318 0.000 265
CFT3DS1 Verbal Discussion subscale 1	0.162 0.001 425	0.130 0.008 425	0.315 0.000 425	1.000 0.000 425	0.178 0.000 425	0.207 0.001 265	0.192 0.002 265	0.335 0.000 265	0.719 0.000 265	0.199 0.001 265
CFT3SP1 Spanking subscale 1	0.307 0.000 425	0.443 0.000 425	0.510 0.000 425	0.178 0.000 425	1.000 0.000 425	0.123 0.045 265	0.204 0.001 265	0.276 0.000 265	0.112 0.070 265	0.641 0.000 265
CFT3HI2 Hostile-Indirect subscale 2	0.330 0.000 265	0.091 0.140 265	0.192 0.002 265	0.207 0.001 265	0.123 0.045 265	1.000 0.000 265	0.086 0.161 265	0.287 0.000 265	0.112 0.069 265	0.191 0.002 265
CFT3PA2 Physical Aggression subscale 2	0.053 0.388 265	0.574 0.000 265	0.345 0.000 265	0.192 0.002 265	0.204 0.001 265	0.086 0.161 265	1.000 0.000 265	0.467 0.000 265	0.078 0.204 265	0.457 0.000 265
CFT3VA2 Verbal Aggression subscale 2	0.131 0.033 265	0.286 0.000 265	0.585 0.000 265	0.335 0.000 265	0.276 0.000 265	0.287 0.000 265	0.467 0.000 265	1.000 0.000 265	0.270 0.000 265	0.461 0.000 265
CFT3DS2 Verbal Discussion subscale 2	0.106 0.085 265	0.036 0.562 265	0.220 0.000 265	0.719 0.000 265	0.112 0.070 265	0.112 0.069 265	0.078 0.204 265	0.270 0.000 265	1.000 0.000 265	0.184 0.003 265
CFT3SP2 Spanking subscale 2	0.216 0.000 265	0.233 0.000 265	0.318 0.000 265	0.199 0.001 265	0.641 0.000 265	0.191 0.002 265	0.457 0.000 265	0.461 0.000 265	0.184 0.003 265	1.000 0.000 265

Appendix:
(Scoring program removed)