

What Do You Think

Grade 4/Year 5

Fast Track Project Technical Report

Sean M. Hurley

December, 2000

Table of Contents

- I. Scale Description
- II. Report Sample
- III. Scaling
- IV. Differences Between Groups
- V. Recommendations for Use
- VI. Item and Scale Means and SD's
- VII. Item and Scale Correlations

Attachments: SAS program for creating derived dataset

Citation

Instrument

??

Report

Hurley, S.M. (2000). What Do You Think (Technical Report) [Online]. Available: <http://www.fasttrackproject.org>

Data Sources

Raw: c6l

Scored: wyt6

I. Scale Description (from tech report dated 2-24-2000)

The What Do you Think Stories (WYT) were first administered in Year 5. To date, the instrument has been administered to cohorts 1 and 2 in year 5, and cohort 1 in year 6.

The interviewer reads a series of six stories to the respondent and follows each story with a series of questions. The first three stories involve a problematic peer situation. The last three stories depict problematic situations involving an interaction with an adult authority figure.

Following each story the Target Child (TC) is asked 2 questions referring to why the person in the story did what s/he did. One question is designed to measure hostile attributions, the other benign attributions. The next set of questions deal with how the TC would feel if that situation happened to him/her. One question asks if the TC would feel sad, another if the TC would feel angry. The next three questions address the goals the TC would have in that situation. The goal questions address whether the TC would have problem resolution goals, retribution goals, or problem avoidance goals. The next question asks the TC what they would do if this happened to them. The TCs free response is coded into one of 8 categories (aggressive, assertive/competent. authority-punish, authority-intervene, passive/avoidant, self-control, other, irrelevant/unable to respond). The final set of questions provide the TC with two possible solutions (one benign, one hostile). For each solution, the TC is asked (a) if they think they would use the solution, (b) whether the solution would be effective in getting the TC what s/he wants, and (c) whether the TCs peers would like or respect him/her for using the solution. Each question (except the free response) are

coded on a five point scale (1=yes, definitely; 2= yes, probably; 3=maybe yes, maybe no; 4= no, probably; 5=no, definitely not).

II. Report Sample

This exploration was conducted on data for Cohort 1, Year 5, including both high-risk ($n=155$) and normative samples ($n=387$ including overlap, total $N=463$). 55 students (12% of cohort) were missing responses for the entire scale, including 46 normative students (12%) and 19 high-risk students (13%). The number of missing cases for each site (by condition and sex) is presented in table 1.

Table 1

	<i>Site</i>							
	<u>Durh</u>		<u>Nash</u>		<u>Penn</u>		<u>Wash</u>	
	<u>C</u>	<u>N</u>	<u>C</u>	<u>N</u>	<u>C</u>	<u>N</u>	<u>C</u>	<u>N</u>
Females	3	5	1	5	1	6	0	3
Males	4	6	0	5	6	9	4	7
Total	7	11	1	10	7	15	4	10

III. Scaling(From tech report dated 2-24-2000)

As part of the computation process, the scale points are reversed for all scores such that higher scores indicate more anger, sadness, hostile attributions, etc.

Initially, 21 scores are created from the WYT. The scores represent the answers to each question collapsed across the six stories. In addition, for the free responses, scores are created indexing the proportion of answers scored into each of the 8 categories. Scores were computed for all subjects with data from 3 or more stories. The 21 scores are:

- (1) WYTxBAT – benign attributions (mean across the six stories)
- (2) WYTxHAT – hostile attributions (mean across the six stories)
- (3) WYTxAGY – feel angry (mean across the six stories)
- (4) WYTxSAD – feel sad (mean across the six stories)
- (5) WYTxRET – endorsement of retribution goals (mean across six stories)
- (6) WYTxRES – endorsement of problem resolution goals (mean across the six stories)
- (7) WYTxAVD – endorsement of problem avoidance goals (mean across the six stories)
- (8) WYTxBCT – enact benign responses (mean across the six stories)
- (9) WYTxHCT – enact hostile responses (mean across the six stories)
- (10) WYTxBEF – effectiveness of benign responses (mean across the six stories)
- (11) WYTxHEF – effectiveness of hostile responses (mean across the six stories)
- (12) WYTxBPS – effect on peers of benign responses (mean across the six stories)
- (13) WYTxHPS – effect on peers of hostile responses (mean across the six stories)
- (14) WYTxPAG – proportion of free responses coded as aggressive
- (15) WYTxPAC – proportion of assertive/competent responses
- (16) WYTxPAP – proportion of authority-punish responses
- (17) WYTxPAI – proportion of authority-intervene responses
- (18) WYTxPPA – proportion of passive/avoidant responses
- (19) WYTxPSC – proportion of self-control responses
- (20) WYTxPOT – proportion of other responses
- (21) WYTxPIR – proportion of irrelevant/unable to respond responses

Five second order scores are created by combining two or more of the first order scores. The second order scores were computed for the subjects having valid scores for both of the first order variables:

- (22) WYTxATT – hostile attributions minus benign attributions (1-2)
- (23) WYTxENA – enact hostile response minus enact benign response (8-9)
- (24) WYTxEFF – effectiveness of hostile minus effectiveness of benign (10-11)

(25) WYTxEOP – effect on peers of hostile minus effect of peers of benign (12-13)

(26) WYTxRPU – proportion of aggressive or authority-punish responses

IV. Differences Between Groups

A series of t-tests comparing the high-risk control sample and the normative sample (excluding those students also in the high-risk sample) indicated differences at the .05 level for six of the first order variables (WYT5HAT, WYT5RET, WYT5HCT, WYT5HEF, WYT5PAG, and WYT5PAI), and three of the second order variables (WYT5ATT, WYT5ENA and WYT5RPU). Means were higher in for the control group than for the normative sample on all of the variables for which differences were found.

V. Recommendations for Use (see tech report dated 2-24-2000)

The five second order variables are appropriate for most analyses (assuming the hostile/benign dimension is acceptable). Although the higher order variables are not more reliable than the first order measures, the first order variables may suffer more from floor and ceiling effects.

Only two of the proportion scores have acceptable psychometric properties (aggression and assertive/competent). The other response categories appeared very infrequently.

Note that all variables are collapsed across peer and adult situations. Exploratory analyses indicated that this was an acceptable approach that did not dramatically alter the psychometric properties of the variables. However, additional scores may be computed using only the adult, or only the peer stories.

VI. Scale Means and SD's

High risk control sample scale means:

Variable	Label	N	Mean	Std Dev	Minimum
wyt5bat	Y5 benign attributions	136	3.7647059	0.5272300	2.1666667
wyt5hat	Y5 hostile attributions	136	2.9289216	0.7324440	1.1666667
wyt5agy	Y5 feel angry	136	3.7196078	0.8104916	1.6666667
wyt5sad	Y5 feel sad	136	2.7046569	1.0666989	1.0000000
wyt5ret	Y5 retribution goals	136	2.6274510	1.0192056	1.0000000
wyt5res	Y5 problem resolution goals	136	4.0316176	0.7420284	1.6666667
wyt5avd	Y5 problem avoidance goals	136	3.4632353	0.9553168	1.0000000
wyt5bct	Y5 enact benign responses	136	3.9227941	0.7229080	1.6666667
wyt5hct	Y5 enact hostile responses	136	2.2218137	0.9601216	1.0000000
wyt5bef	Y5 effectiveness benign responses	136	3.6348039	0.6618700	1.6666667
wyt5hef	Y5 effectiveness hostile responses	136	2.6713235	0.9062578	1.0000000
wyt5bps	Y5 effect on peers benign responses	136	3.4424020	0.7219027	1.5000000
wyt5hps	Y5 effect on peers hostile responses	136	2.4642157	0.8322673	1.0000000
wyt5pag	Y5 aggressive responses	136	0.1029412	0.2019033	0
wyt5pac	Y5 assertive/competent responses	136	0.5612745	0.2532170	0
wyt5pap	Y5 authority-punish responses	136	0.0661765	0.1238601	0
wyt5pai	Y5 authority-intervene responses	136	0.1225490	0.1423427	0
wyt5ppa	Y5 passive/avoidant responses	136	0.1286765	0.1570915	0
wyt5psc	Y5 self-control responses	136	0.0085784	0.0467893	0
wyt5pot	Y5 other responses	136	0.0012255	0.0142915	0
wyt5pir	Y5 irrelevant/unable responses	136	0.0085784	0.0369621	0
wyt5att	Y5 hostile attrib-benign attrib	136	-0.8357843	0.9460738	-3.8333333
wyt5ena	Y5 hostile enact-benign enact	136	-1.7009804	1.2114199	-4.0000000
wyt5eff	Y5 hostile effect-benign effect	136	-0.9634804	1.0903911	-3.8333333
wyt5eop	Y5 hostile eff peers-benign eff peers	136	-0.9781863	1.0474848	-3.8333333
wyt5rpu	Y5 aggressive/punishment responses	136	0.1691176	0.2294969	0

Normative sample (including overlap) scale means:

Variable Label	N	Mean	Std Dev
Minimum			
wyt5bat	341	3.8120235	2.3333333
wyt5hat	341	2.7413490	1.3333333
wyt5agy	341	3.6461388	1.0000000
wyt5sad	341	2.7540567	1.0000000
wyt5ret	341	2.4403715	1.0000000
wyt5res	341	4.1304985	1.6666667
wyt5avd	341	3.4276637	1.0000000
wyt5bct	341	4.0122190	1.8333333
wyt5hct	341	2.0053763	1.0000000
wyt5bef	341	3.5786901	1.3333333
wyt5hef	341	2.5058651	1.0000000
wyt5bps	341	3.3964809	1.1666667
wyt5hps	341	2.4095797	1.0000000
wyt5pag	341	0.0581623	0
wyt5pac	341	0.6109482	0
wyt5pap	341	0.0527859	0
wyt5pai	341	0.1031281	0
wyt5ppa	341	0.1529814	0
wyt5psc	341	0.0068426	0
wyt5pot	341	0.0019550	0
wyt5pir	341	0.0131965	0
wyt5att	341	-1.0706745	-3.5000000
wyt5ena	341	-2.0068426	-4.0000000
wyt5eff	341	-1.0728250	-3.8333333
wyt5eop	341	-0.9869013	-4.0000000
wyt5rpu	341	0.1109482	0

VII. Scale Correlations

Coefficient alpha for each sub-sample

	Control Group	Normative Sample
Raw	.71	.69
Standardized	.58	.59

Correlations (full sample):

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408
Prob > |r| under H0: Rho=0

	wyt5bat	wyt5hat	wyt5agy	wyt5sad	wyt5ret
wyt5bat Y5 benign attributions	1.00000	-0.17854 0.0003	-0.05146 0.2998	0.11179 0.0239	-0.14756 0.0028
wyt5hat Y5 hostile attributions	-0.17854 0.0003	1.00000	0.27522 <.0001	0.13350 0.0069	0.50068 <.0001
wyt5agy Y5 feel angry	-0.05146 0.2998	0.27522 <.0001	1.00000	0.23785 <.0001	0.42352 <.0001
wyt5sad Y5 feel sad	0.11179 0.0239	0.13350 0.0069	0.23785 <.0001	1.00000	0.04739 0.3397
wyt5ret Y5 retribution goals	-0.14756 0.0028	0.50068 <.0001	0.42352 <.0001	0.04739 0.3397	1.00000
wyt5res Y5 problem resolution goals	0.24606 <.0001	-0.31956 <.0001	-0.11864 0.0165	0.29371 <.0001	-0.40212 <.0001
wyt5avd Y5 problem avoidance goals	0.10782 0.0294	0.01893 0.7031	0.01239 0.8029	0.18154 0.0002	-0.01534 0.7574
wyt5bct Y5 enact benign responses	0.22413 <.0001	-0.02040 0.6812	0.02834 0.5682	0.26552 <.0001	-0.05614 0.2579
wyt5hct Y5 enact hostile responses	-0.09373 0.0585	0.48254 <.0001	0.26334 <.0001	0.01233 0.8039	0.60495 <.0001
wyt5bef Y5 effectiveness benign responses	0.16395 0.0009	-0.09706 0.0501	-0.06799 0.1705	0.07698 0.1205	-0.06908 0.1637
wyt5hef Y5 effectiveness hostile responses	-0.05814 0.2413	0.36664 <.0001	0.09928 0.0450	0.08216 0.0975	0.42158 <.0001
wyt5bps Y5 effect on peers benign responses	0.06860 0.1667	0.06857 0.1669	0.00505 0.9190	0.07435 0.1338	0.03298 0.5065
wyt5hps Y5 effect on peers hostile responses	-0.06223 0.2097	0.31040 <.0001	0.10165 0.0402	-0.04560 0.3582	0.38569 <.0001
wyt5pag Y5 aggressive responses	-0.13984 0.0047	0.28826 <.0001	0.20916 <.0001	-0.21649 <.0001	0.47694 <.0001

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5bat	wyt5hat	wyt5agy	wyt5sad	wyt5ret
wyt5pac	0.06491	-0.26791	-0.07303	0.10982	-0.37997
Y5 assertive/competent responses	0.1907	<.0001	0.1409	0.0265	<.0001
wyt5pap	-0.08551	0.25204	0.12195	0.13599	0.22934
Y5 authority-punish responses	0.0845	<.0001	0.0137	0.0059	<.0001
wyt5pai	0.02531	0.13846	0.14402	0.10757	0.16318
Y5 authority-intervene responses	0.6103	0.0051	0.0036	0.0298	0.0009
wyt5ppa	0.07759	-0.16293	-0.23749	-0.08382	-0.20179
Y5 passive/avoidant responses	0.1176	0.0010	<.0001	0.0909	<.0001
wyt5psc	0.01087	-0.04237	0.01809	-0.00512	0.05919
Y5 self-control responses	0.8267	0.3934	0.7156	0.9178	0.2329
wyt5pot	-0.04729	0.07673	0.01678	-0.05793	0.05380
Y5 other responses	0.3407	0.1218	0.7355	0.2430	0.2783
wyt5pir	-0.00530	0.04382	-0.12874	-0.09125	0.03724
Y5 irrelevant/unable responses	0.9151	0.3773	0.0092	0.0656	0.4531
wyt5att	-0.68020	0.84269	0.23320	0.03828	0.45375
Y5 hostile attrib-benign attrib	<.0001	<.0001	<.0001	0.4406	<.0001
wyt5ena	-0.20432	0.40177	0.19662	-0.14232	0.52123
Y5 hostile enact-benign enact	<.0001	<.0001	<.0001	0.0040	<.0001
wyt5eff	-0.14922	0.36944	0.12548	0.02255	0.39885
Y5 hostile effect-benign effect	0.0025	<.0001	0.0112	0.6498	<.0001
wyt5eop	-0.09468	0.19491	0.07558	-0.08563	0.27744
Y5 hostile eff peers-benign eff peers	0.0560	<.0001	0.1275	0.0841	<.0001
wyt5rpu	-0.16286	0.37861	0.24022	-0.10019	0.52017
Y5 aggressive/punishment responses	0.0010	<.0001	<.0001	0.0431	<.0001

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408
Prob > |r| under H0: Rho=0

	wyt5res	wyt5avd	wyt5bct	wyt5hct	wyt5bef
wyt5bat Y5 benign attributions	0.24606 <.0001	0.10782 0.0294	0.22413 <.0001	-0.09373 0.0585	0.16395 0.0009
wyt5hat Y5 hostile attributions	-0.31956 <.0001	0.01893 0.7031	-0.02040 0.6812	0.48254 <.0001	-0.09706 0.0501
wyt5agy Y5 feel angry	-0.11864 0.0165	0.01239 0.8029	0.02834 0.5682	0.26334 <.0001	-0.06799 0.1705
wyt5sad Y5 feel sad	0.29371 <.0001	0.18154 0.0002	0.26552 <.0001	0.01233 0.8039	0.07698 0.1205
wyt5ret Y5 retribution goals	-0.40212 <.0001	-0.01534 0.7574	-0.05614 0.2579	0.60495 <.0001	-0.06908 0.1637
wyt5res Y5 problem resolution goals	1.00000	0.11107 0.0249	0.39934 <.0001	-0.42298 <.0001	0.30054 <.0001
wyt5avd Y5 problem avoidance goals	0.11107 0.0249	1.00000	0.00821 0.8687	0.02739 0.5812	0.01529 0.7582
wyt5bct Y5 enact benign responses	0.39934 <.0001	0.00821 0.8687	1.00000	-0.01897 0.7024	0.38232 <.0001
wyt5hct Y5 enact hostile responses	-0.42298 <.0001	0.02739 0.5812	-0.01897 0.7024	1.00000	-0.06316 0.2030
wyt5bef Y5 effectiveness benign responses	0.30054 <.0001	0.01529 0.7582	0.38232 <.0001	-0.06316 0.2030	1.00000
wyt5hef Y5 effectiveness hostile responses	-0.23868 <.0001	0.09433 0.0569	-0.01681 0.7349	0.61551 <.0001	0.08535 0.0851
wyt5bps Y5 effect on peers benign responses	0.09021 0.0687	0.02678 0.5896	0.27571 <.0001	0.01110 0.8232	0.39073 <.0001
wyt5hps Y5 effect on peers hostile responses	-0.26388 <.0001	-0.00035 0.9944	-0.05112 0.3029	0.54643 <.0001	0.04573 0.3569
wyt5pag Y5 aggressive responses	-0.43172 <.0001	-0.13295 0.0072	-0.28088 <.0001	0.42926 <.0001	-0.10946 0.0270

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5res	wyt5avd	wyt5bct	wyt5hct	wyt5bef
wyt5pac Y5 assertive/competent responses	0.33531 <.0001	-0.06873 0.1659	0.20586 <.0001	-0.34604 <.0001	0.12108 0.0144
wyt5pap Y5 authority-punish responses	-0.08333 0.0928	0.03544 0.4752	0.01316 0.7910	0.16734 0.0007	-0.02903 0.5588
wyt5pai Y5 authority-intervene responses	0.02350 0.6360	0.05789 0.2433	0.20122 <.0001	0.07633 0.1238	0.05783 0.2438
wyt5ppa Y5 passive/avoidant responses	-0.00957 0.8472	0.14539 0.0032	-0.15027 0.0023	-0.12014 0.0152	-0.08494 0.0866
wyt5psc Y5 self-control responses	0.06086 0.2199	-0.00841 0.8656	-0.01271 0.7980	0.06155 0.2147	0.04671 0.3467
wyt5pot Y5 other responses	-0.01374 0.7820	0.02368 0.6334	-0.11729 0.0178	0.03942 0.4272	0.02650 0.5936
wyt5pir Y5 irrelevant/unable responses	-0.12855 0.0093	0.02598 0.6007	-0.06611 0.1826	0.09473 0.0559	-0.06883 0.1653
wyt5att Y5 hostile attrib-benign attrib	-0.37271 <.0001	-0.04490 0.3657	-0.13784 0.0053	0.41078 <.0001	-0.16203 0.0010
wyt5ena Y5 hostile enact-benign enact	-0.57096 <.0001	0.01743 0.7256	-0.58887 <.0001	0.81926 <.0001	-0.27033 <.0001
wyt5eff Y5 hostile effect-benign effect	-0.38531 <.0001	0.07048 0.1553	-0.24748 <.0001	0.55932 <.0001	-0.53789 <.0001
wyt5eop Y5 hostile eff peers-benign eff peers	-0.26596 <.0001	-0.01835 0.7117	-0.22587 <.0001	0.41713 <.0001	-0.22827 <.0001
wyt5rpu Y5 aggressive/punishment responses	-0.40051 <.0001	-0.08874 0.0734	-0.22243 <.0001	0.44605 <.0001	-0.10602 0.0323

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5hef	wyt5bps	wyt5hps	wyt5pag	wyt5pac
wyt5bat	-0.05814	0.06860	-0.06223	-0.13984	0.06491
Y5 benign attributions	0.2413	0.1667	0.2097	0.0047	0.1907
wyt5hat	0.36664	0.06857	0.31040	0.28826	-0.26791
Y5 hostile attributions	<.0001	0.1669	<.0001	<.0001	<.0001
wyt5agy	0.09928	0.00505	0.10165	0.20916	-0.07303
Y5 feel angry	0.0450	0.9190	0.0402	<.0001	0.1409
wyt5sad	0.08216	0.07435	-0.04560	-0.21649	0.10982
Y5 feel sad	0.0975	0.1338	0.3582	<.0001	0.0265
wyt5ret	0.42158	0.03298	0.38569	0.47694	-0.37997
Y5 retribution goals	<.0001	0.5065	<.0001	<.0001	<.0001
wyt5res	-0.23868	0.09021	-0.26388	-0.43172	0.33531
Y5 problem resolution goals	<.0001	0.0687	<.0001	<.0001	<.0001
wyt5avd	0.09433	0.02678	-0.00035	-0.13295	-0.06873
Y5 problem avoidance goals	0.0569	0.5896	0.9944	0.0072	0.1659
wyt5bct	-0.01681	0.27571	-0.05112	-0.28088	0.20586
Y5 enact benign responses	0.7349	<.0001	0.3029	<.0001	<.0001
wyt5hct	0.61551	0.01110	0.54643	0.42926	-0.34604
Y5 enact hostile responses	<.0001	0.8232	<.0001	<.0001	<.0001
wyt5bef	0.08535	0.39073	0.04573	-0.10946	0.12108
Y5 effectiveness benging responses	0.0851	<.0001	0.3569	0.0270	0.0144
wyt5hef	1.00000	0.03598	0.62547	0.28871	-0.29967
Y5 effectiveness hostile responses		0.4686	<.0001	<.0001	<.0001
wyt5bps	0.03598	1.00000	0.05688	-0.01342	0.02717
Y5 effect on peers benign responses	0.4686		0.2517	0.7870	0.5843
wyt5hps	0.62547	0.05688	1.00000	0.26680	-0.26090
Y5 effect on peers hostile responses	<.0001	0.2517		<.0001	<.0001
wyt5pag	0.28871	-0.01342	0.26680	1.00000	-0.46193
Y5 aggressive responses	<.0001	0.7870	<.0001		<.0001

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5hef	wyt5bps	wyt5hps	wyt5pag	wyt5pac
wyt5pac Y5 assertive/competent responses	-0.29967 <.0001	0.02717 0.5843	-0.26090 <.0001	-0.46193 <.0001	1.00000
wyt5pap Y5 authority-punish responses	0.09653 0.0514	0.08591 0.0830	0.09797 0.0480	0.01045 0.8334	-0.33641 <.0001
wyt5pai Y5 authority-intervene responses	0.03071 0.5362	0.12173 0.0139	0.08608 0.0825	-0.16996 0.0006	-0.29296 <.0001
wyt5ppa Y5 passive/avoidant responses	0.03370 0.4973	-0.14378 0.0036	-0.03578 0.4711	-0.17563 0.0004	-0.41737 <.0001
wyt5psc Y5 self-control responses	0.01141 0.8183	-0.01199 0.8093	0.02552 0.6073	0.05302 0.2854	-0.16975 0.0006
wyt5pot Y5 other responses	0.01213 0.8070	0.00915 0.8538	0.12793 0.0097	0.06860 0.1667	-0.12408 0.0121
wyt5pir Y5 irrelevant/unable responses	0.10581 0.0326	-0.07495 0.1307	0.03818 0.4419	0.00901 0.8560	-0.25798 <.0001
wyt5att Y5 hostile attrib-benign attrib	0.30496 <.0001	0.01354 0.7851	0.26530 <.0001	0.29127 <.0001	-0.23511 <.0001
wyt5ena Y5 hostile enact-benign enact	0.50721 <.0001	-0.14916 0.0025	0.47104 <.0001	0.50810 <.0001	-0.39780 <.0001
wyt5eff Y5 hostile effect-benign effect	0.79403 <.0001	-0.20795 <.0001	0.50131 <.0001	0.31106 <.0001	-0.32742 <.0001
wyt5eop Y5 hostile eff peers-benign eff peers	0.46175 <.0001	-0.63096 <.0001	0.73867 <.0001	0.21639 <.0001	-0.22108 <.0001
wyt5rpu Y5 aggressive/punishment responses	0.29094 <.0001	0.03766 0.4481	0.27382 <.0001	0.82434 <.0001	-0.56851 <.0001

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5pap	wyt5pai	wyt5ppa	wyt5psc	wyt5pot
wyt5bat	-0.08551	0.02531	0.07759	0.01087	-0.04729
Y5 benign attributions	0.0845	0.6103	0.1176	0.8267	0.3407
wyt5hat	0.25204	0.13846	-0.16293	-0.04237	0.07673
Y5 hostile attributions	<.0001	0.0051	0.0010	0.3934	0.1218
wyt5agy	0.12195	0.14402	-0.23749	0.01809	0.01678
Y5 feel angry	0.0137	0.0036	<.0001	0.7156	0.7355
wyt5sad	0.13599	0.10757	-0.08382	-0.00512	-0.05793
Y5 feel sad	0.0059	0.0298	0.0909	0.9178	0.2430
wyt5ret	0.22934	0.16318	-0.20179	0.05919	0.05380
Y5 retribution goals	<.0001	0.0009	<.0001	0.2329	0.2783
wyt5res	-0.08333	0.02350	-0.00957	0.06086	-0.01374
Y5 problem resolution goals	0.0928	0.6360	0.8472	0.2199	0.7820
wyt5avd	0.03544	0.05789	0.14539	-0.00841	0.02368
Y5 problem avoidance goals	0.4752	0.2433	0.0032	0.8656	0.6334
wyt5bct	0.01316	0.20122	-0.15027	-0.01271	-0.11729
Y5 enact benign responses	0.7910	<.0001	0.0023	0.7980	0.0178
wyt5hct	0.16734	0.07633	-0.12014	0.06155	0.03942
Y5 enact hostile responses	0.0007	0.1238	0.0152	0.2147	0.4272
wyt5bef	-0.02903	0.05783	-0.08494	0.04671	0.02650
Y5 effectiveness benign responses	0.5588	0.2438	0.0866	0.3467	0.5936
wyt5hef	0.09653	0.03071	0.03370	0.01141	0.01213
Y5 effectiveness hostile responses	0.0514	0.5362	0.4973	0.8183	0.8070
wyt5bps	0.08591	0.12173	-0.14378	-0.01199	0.00915
Y5 effect on peers benign responses	0.0830	0.0139	0.0036	0.8093	0.8538
wyt5hps	0.09797	0.08608	-0.03578	0.02552	0.12793
Y5 effect on peers hostile responses	0.0480	0.0825	0.4711	0.6073	0.0097
wyt5pag	0.01045	-0.16996	-0.17563	0.05302	0.06860
Y5 aggressive responses	0.8334	0.0006	0.0004	0.2854	0.1667

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408
Prob > |r| under H0: Rho=0

	wyt5pap	wyt5pai	wyt5ppa	wyt5psc	wyt5pot
wyt5pac Y5 assertive/competent responses	-0.33641 <.0001	-0.29296 <.0001	-0.41737 <.0001	-0.16975 0.0006	-0.12408 0.0121
wyt5pap Y5 authority-punish responses	1.00000	0.03334 0.5019	-0.18106 0.0002	-0.01885 0.7043	-0.01819 0.7141
wyt5pai Y5 authority-intervene responses	0.03334 0.5019	1.00000	-0.18805 0.0001	0.03060 0.5377	-0.06216 0.2102
wyt5ppa Y5 passive/avoidant responses	-0.18106 0.0002	-0.18805 0.0001	1.00000	-0.06891 0.1647	0.07547 0.1280
wyt5psc Y5 self-control responses	-0.01885 0.7043	0.03060 0.5377	-0.06891 0.1647	1.00000	-0.01902 0.7017
wyt5pot Y5 other responses	-0.01819 0.7141	-0.06216 0.2102	0.07547 0.1280	-0.01902 0.7017	1.00000
wyt5pir Y5 irrelevant/unable responses	-0.03206 0.5184	0.00758 0.8786	0.03547 0.4750	0.05306 0.2850	-0.02334 0.6383
wyt5att Y5 hostile attrib-benign attrib	0.23456 <.0001	0.08930 0.0716	-0.16384 0.0009	-0.03751 0.4499	0.08304 0.0939
wyt5ena Y5 hostile enact-benign enact	0.12773 0.0098	-0.05371 0.2791	-0.01093 0.8258	0.05705 0.2503	0.09913 0.0454
wyt5eff Y5 hostile effect-benign effect	0.09938 0.0448	-0.00930 0.8514	0.08033 0.1052	-0.01884 0.7043	-0.00590 0.9054
wyt5eop Y5 hostile eff peers-benign eff peers	0.01813 0.7151	-0.01530 0.7580	0.06927 0.1625	0.02792 0.5738	0.09323 0.0599
wyt5rpu Y5 aggressive/punishment responses	0.57468 <.0001	-0.12023 0.0151	-0.24624 <.0001	0.03272 0.5099	0.04584 0.3557

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5pir	wyt5att	wyt5ena	wyt5eff	wyt5eop
wyt5bat	-0.00530	-0.68020	-0.20432	-0.14922	-0.09468
Y5 benign attributions	0.9151	<.0001	<.0001	0.0025	0.0560
wyt5hat	0.04382	0.84269	0.40177	0.36944	0.19491
Y5 hostile attributions	0.3773	<.0001	<.0001	<.0001	<.0001
wyt5agy	-0.12874	0.23320	0.19662	0.12548	0.07558
Y5 feel angry	0.0092	<.0001	<.0001	0.0112	0.1275
wyt5sad	-0.09125	0.03828	-0.14232	0.02255	-0.08563
Y5 feel sad	0.0656	0.4406	0.0040	0.6498	0.0841
wyt5ret	0.03724	0.45375	0.52123	0.39885	0.27744
Y5 retribution goals	0.4531	<.0001	<.0001	<.0001	<.0001
wyt5res	-0.12855	-0.37271	-0.57096	-0.38531	-0.26596
Y5 problem resolution goals	0.0093	<.0001	<.0001	<.0001	<.0001
wyt5avd	0.02598	-0.04490	0.01743	0.07048	-0.01835
Y5 problem avoidance goals	0.6007	0.3657	0.7256	0.1553	0.7117
wyt5bct	-0.06611	-0.13784	-0.58887	-0.24748	-0.22587
Y5 enact benign responses	0.1826	0.0053	<.0001	<.0001	<.0001
wyt5hct	0.09473	0.41078	0.81926	0.55932	0.41713
Y5 enact hostile responses	0.0559	<.0001	<.0001	<.0001	<.0001
wyt5bef	-0.06883	-0.16203	-0.27033	-0.53789	-0.22827
Y5 effectiveness benign responses	0.1653	0.0010	<.0001	<.0001	<.0001
wyt5hef	0.10581	0.30496	0.50721	0.79403	0.46175
Y5 effectiveness hostile responses	0.0326	<.0001	<.0001	<.0001	<.0001
wyt5bps	-0.07495	0.01354	-0.14916	-0.20795	-0.63096
Y5 effect on peers benign responses	0.1307	0.7851	0.0025	<.0001	<.0001
wyt5hps	0.03818	0.26530	0.47104	0.50131	0.73867
Y5 effect on peers hostile responses	0.4419	<.0001	<.0001	<.0001	<.0001
wyt5pag	0.00901	0.29127	0.50810	0.31106	0.21639
Y5 aggressive responses	0.8560	<.0001	<.0001	<.0001	<.0001

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5pir	wyt5att	wyt5ena	wyt5eff	wyt5eop
wyt5pac Y5 assertive/competent responses	-0.25798 <.0001	-0.23511 <.0001	-0.39780 <.0001	-0.32742 <.0001	-0.22108 <.0001
wyt5pap Y5 authority-punish responses	-0.03206 0.5184	0.23456 <.0001	0.12773 0.0098	0.09938 0.0448	0.01813 0.7151
wyt5pai Y5 authority-intervene responses	0.00758 0.8786	0.08930 0.0716	-0.05371 0.2791	-0.00930 0.8514	-0.01530 0.7580
wyt5ppa Y5 passive/avoidant responses	0.03547 0.4750	-0.16384 0.0009	-0.01093 0.8258	0.08033 0.1052	0.06927 0.1625
wyt5psc Y5 self-control responses	0.05306 0.2850	-0.03751 0.4499	0.05705 0.2503	-0.01884 0.7043	0.02792 0.5738
wyt5pot Y5 other responses	-0.02334 0.6383	0.08304 0.0939	0.09913 0.0454	-0.00590 0.9054	0.09323 0.0599
wyt5pir Y5 irrelevant/unable responses	1.00000	0.03555 0.4740	0.11449 0.0207	0.13152 0.0078	0.08027 0.1054
wyt5att Y5 hostile attrib-benign attrib	0.03555 0.4740	1.00000	0.41112 <.0001	0.35688 <.0001	0.19701 <.0001
wyt5ena Y5 hostile enact-benign enact	0.11449 0.0207	0.41112 <.0001	1.00000	0.59408 <.0001	0.46674 <.0001
wyt5eff Y5 hostile effect-benign effect	0.13152 0.0078	0.35688 <.0001	0.59408 <.0001	1.00000	0.52995 <.0001
wyt5eop Y5 hostile eff peers-benign eff peers	0.08027 0.1054	0.19701 <.0001	0.46674 <.0001	0.52995 <.0001	1.00000
wyt5rpu Y5 aggressive/punishment responses	-0.01078 0.8282	0.37117 <.0001	0.48815 <.0001	0.31085 <.0001	0.18736 0.0001

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408

Prob > |r| under H0: Rho=0

	wyt5rpu
wyt5bat	-0.16286
Y5 benign attributions	0.0010
wyt5hat	0.37861
Y5 hostile attributions	<.0001
wyt5agy	0.24022
Y5 feel angry	<.0001
wyt5sad	-0.10019
Y5 feel sad	0.0431
wyt5ret	0.52017
Y5 retribution goals	<.0001
wyt5res	-0.40051
Y5 problem resolution goals	<.0001
wyt5avd	-0.08874
Y5 problem avoidance goals	0.0734
wyt5bct	-0.22243
Y5 enact benign responses	<.0001
wyt5hct	0.44605
Y5 enact hostile responses	<.0001
wyt5bef	-0.10602
Y5 effectiveness benging responses	0.0323
wyt5hef	0.29094
Y5 effectiveness hostile responses	<.0001
wyt5bps	0.03766
Y5 effect on peers benign responses	0.4481
wyt5hps	0.27382
Y5 effect on peers hostile responses	<.0001
wyt5pag	0.82434
Y5 aggressive responses	<.0001

Correlations
Full sample

The CORR Procedure

Pearson Correlation Coefficients, N = 408
Prob > |r| under H0: Rho=0

	wyt5rpu
wyt5pac Y5 assertive/competent responses	-0.56851 <.0001
wyt5pap Y5 authority-punish responses	0.57468 <.0001
wyt5pai Y5 authority-intervene responses	-0.12023 0.0151
wyt5ppa Y5 passive/avoidant responses	-0.24624 <.0001
wyt5psc Y5 self-control responses	0.03272 0.5099
wyt5pot Y5 other responses	0.04584 0.3557
wyt5pir Y5 irrelevant/unable responses	-0.01078 0.8282
wyt5att Y5 hostile attrib-benign attrib	0.37117 <.0001
wyt5ena Y5 hostile enact-benign enact	0.48815 <.0001
wyt5eff Y5 hostile effect-benign effect	0.31085 <.0001
wyt5eop Y5 hostile eff peers-benign eff peers	0.18736 0.0001
wyt5rpu Y5 aggressive/punishment response	1.00000