

Home Interview with Child
Grade 1/Year 2
Fast Track Project Technical Report
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SAS Scoring Program

Citations

Instrument

Conduct Problems Prevention Research Group (CPPRG). (1991). *Home Interview with Child* [On-line]. Available: <http://www.fasttrackproject.org/>

Report

Rains, C. (2002). *Home Interview with Child* (Technical Report) [On-line]. Available: <http://www.fasttrackproject.org/>

Valente, E. (1994). *Home Interview with Child Technical Report*. Technical Report. Vanderbilt University, Nashville, TN.

Data Sources

Raw: C2B

Scored: HIC2

I. Scale Description

The Home Interview with Child (HIWC) has been administered as part of the summer child interview during the first four years of the Fast Track project. The interviewer shows the child a series of eight drawings that depict two types of social situations and reads a brief description of the situations. The pictures and descriptions concern two types of social situations: 1) **Ambiguous Minor Harm** situations where the respondent is asked to pretend he/she has been bumped or hit with a ball and 2) **Unsuccessful Peer Entry** situations ask the respondent to pretend he/she has approached a group, has attempted to join it, and is either explicitly told he/she cannot join the group, or is ignored by the children in the group.

After the interviewer reads each description, he/she asks the child two questions. The first question asks the respondent why he/she thinks the offenders bumped or ignored him/her, and the second question asks what the respondent would do in response to the offense. The eight first ("ask why") questions measure the respondent's interpretation of the offenders' intentions, while the second eight ("what would you do") questions measure the child's behavioral response contingent on the interpretation. Interviewers code responses to questions 1 and 2 into several categories which will be discussed in the scaling section of this report.

II. Report Sample

These exploratory analyses were conducted with the first cohort on the high-risk control sample (n=155) and on the normative sample (n=387, 463 with overlap) from the second year of administration of the study; the treatment subjects were not included in these analyses. 32 students were missing responses for the entire scale. Eight students from the control sample (4 from Durham and 4 from Washington) were missing responses. In addition, 25 students from the normative sample (3 from Durham, 7 from Nashville, 3 from Pennsylvania, and 12

from Washington) were missing responses. Several of the missing responses were from subjects in both the normative and control groups. Several students were missing individual items; these were omitted from the analyses.

III. Scaling

The HIWC generates two open verbal responses about each of eight situations. In total, there are eight responses where the child interprets an offender's intentions and eight responses where the child describes how he would behave in response to the offense. The interviewer codes responses to the **interpretation** questions into one of three categories: hostile, nonhostile, and don't know. Responses to the eight **behavior** questions were coded into one of six categories: don't know, do nothing, ask why/ask again, make a command, threaten adult punishment or make a threat, or retaliate/be aggressive.

The total number of responses in each category is then calculated, yielding a separate count for each of the three interpretation categories and each of the six behavioral response categories. Each of the eight stories generates an interpretation response and a behavioral response, so the category counts have a possible range from one to eight. Eight **interpretation** responses are coded into three categories, and eight **behavioral** responses are coded into six categories.

The percentage of hostile interpretation responses to the eight stories is calculated by dividing the hostile category count by the total number of responses (the sum of all category counts). This score is called *Percent Hostile Attributions*.

The *Aggressive Behaviors Score* is calculated by adding the codes for the eight story behavioral responses. The score has a possible range of zero to forty, with larger scores indicating a tendency to give more aggressive behavioral responses. Note that, if a single response to any of the eight stories is missing, the Aggressive Behaviors Score is missing for the respondent.

The *Percent Aggressive and Threaten Behaviors* score is calculated by dividing the number of responses coded into either the aggressive or threaten categories by the total number of behavioral responses. Higher scores indicate that aggressive responses were given more frequently than other responses.

Inter-item reliability coefficients, or Cronbach's alphas, for the items that contribute to the *Percent Hostile Attributions*, *Aggressive Behaviors Score*, and *Percent Aggressive and Threaten Behaviors* scores are shown in the table below.

Scales	Cronbach's Alpha	
	Normative	Control
Percent Hostile Attributions (HIC2PHA)	.69	.66
Percent Aggressive and Threaten Behaviors (HIC2PRP)	.78	.77
Aggressive Behavior Score (HIC2RPS)	.75	.77

The reliability coefficient for two of the scales, *Percent Aggressive and Threaten Behaviors* and the *Aggressive Behavior Score*, in both samples indicated an acceptable reliability, ranging from .66 to .78. The reliability coefficients for *Percent Hostile Attributions* was slightly lower for both samples.

IV. Differences between Groups

A series of t-tests did not indicate significant differences between samples for the scales. When t-tests were run on the individual items, only one item showed a significant difference. Item C2BHI9 (why didn't the other kids answer) indicated a t-value of 1.98, df=429 ($p=.0478$).

In addition, two scales, *Percent Hostile Attributions* and *the Aggressive Behavior Score*, showed the normative sample as having a mean higher than the mean for the control sample. This was also true for a number of individual items as well. The following items showed the normative sample having a larger mean than the control sample: C2BHI3 (why do you think Alan/Leah said no), C2BHI4 (what would you do [about Alan/Leah]), C2BHI7 (why do you think Carl/Carolyn said no), C2BHI8 (what would you do [about Carl/Carolyn]), C2BHI9 (why didn't the other kids answer), C2BHI10 (what would you do [about the other kids]), C2BHI12 (what would you do [about

Brett/Wendy]), C2BHI13 (why didn't the other kids answer), and C2BHI16 (what would you do [about being bumped]).

Home Interview with Child
The TTEST Procedure

Variable	Normative Sample		Control Sample		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
HIC2PRP	0.32	0.28	0.37	0.27	429	1.66	.0975
HIC2PHA	0.67	0.26	0.64	0.25	429	-1.02	.3077
HIC2RPS	21.43	6.56	20.86	7.16	427	-0.82	.4127

V. Recommendations for Use

Analysts should note that the distributions for all three of the scales for both the normative and control samples were fairly normal. The distributions for all but two of the individual items in both samples were also fairly normal. Two items were slightly and positively skewed for both the normative and control samples: C2BHI10 (what would you do [about the other kids]) and C2BHI14 (what would you do [about the other kids]).

VI. Item and Scale Means and SD's

HIWC Items Control Sample Year 2

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C2BHI1	Why Do You Think Todd/Jessica Hit You	147	1.4897959	0.6233729	1.000	3.000
C2BHI2	What Would You Do?	147	3.0272109	1.4568947	0	5.000
C2BHI3	Why Do You Think Alan/Leah Said No	147	1.7687075	0.5110830	1.000	3.000
C2BHI4	What Would You Do?	147	2.0612245	1.3710534	0	5.000
C2BHI5	Why Do You Think John/Lisa Bumped You	147	1.8027211	0.5186845	1.000	3.000
C2BHI6	What Would You Do?	147	3.3469388	1.6118273	0	5.000
C2BHI7	Why Do You Think Carl/Carolyn Said No	147	1.9115646	0.4041763	1.000	3.000
C2BHI8	What Would You Do?	147	2.0068027	1.4214434	0	5.000
C2BHI9	Why Didn't Other Kids Answer	147	1.6666667	0.5277678	1.000	3.000
C2BHI10	What Would You Do?	147	1.9047619	1.3864972	0	5.000
C2BHI11	Why Do You Think Brett/Wendy Bumped You	147	1.7346939	0.4871855	1.000	3.000
C2BHI12	What Would You Do?	147	3.3945578	1.3627019	0	5.000
C2BHI13	Why Didn't Other Kids Answer	147	1.5986395	0.5189540	1.000	3.000
C2BHI14	What Would You Do?	147	1.9047619	1.3615731	0	5.000
C2BHI15	Why Do You Think He/She Bumped You	147	1.6870748	0.4797648	1.000	3.000
C2BHI16	What Would You Do?	147	3.2176871	1.5898523	0	5.000

HIWC Items Normative Sample Year 2

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
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C2BHI1	Why Do You Think Todd/Jessica Hit You	362	1.4889503	0.5918556	1.000	3.000
C2BHI2	What Would You Do?	361	3.0304709	1.3931029	0	5.000
C2BHI3	Why Do You Think Alan/Leah Said No	362	1.8314917	0.4299101	1.000	3.000
C2BHI4	What Would You Do?	361	2.2576177	1.3239687	0	5.000
C2BHI5	Why Do You Think John/Lisa Bumped You	362	1.7513812	0.4870179	1.000	3.000
C2BHI6	What Would You Do?	362	3.2928177	1.5208262	0	5.000
C2BHI7	Why Do You Think Carl/Carolyn Said No	362	1.9502762	0.3291262	1.000	3.000
C2BHI8	What Would You Do?	362	2.2099448	1.3905540	0	5.000
C2BHI9	Why Didn't Other Kids Answer	362	1.6022099	0.5122279	1.000	3.000
C2BHI10	What Would You Do?	362	1.9530387	1.2164633	0	5.000
C2BHI11	Why Do You Think Brett/Wendy Bumped You	362	1.7734807	0.4570937	1.000	3.000
C2BHI12	What Would You Do?	362	3.3756906	1.2966034	0	5.000
C2BHI13	Why Didn't Other Kids Answer	362	1.6104972	0.4995292	1.000	3.000
C2BHI14	What Would You Do?	361	1.9722992	1.2646069	0	5.000
C2BHI15	Why Do You Think He/She Bumped You	362	1.6712707	0.4933946	1.000	3.000
C2BHI16	What Would You Do?	362	3.2900552	1.4438178	0	5.000

HIWC Individual Subscales Control Sample Year 2

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
HIC2PRP	Pct Ret and Pun actions HIWC Y2	147	0.3664966	0.2723958	0	1.000
HIC2PHA	Pct Hostile attribs HIWC Y2	147	0.6394558	0.2536198	0	1.000
HIC2RPS	Ret and Pun actions score HIWC Y2	147	20.8639456	7.1631089	8.000	40.000

HIWC Individual Subscales Normative Sample Year 2

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
HIC2PRP	Pct Ret and Pun actions HIWC Y2	362	0.3328236	0.2770717	0	1.000
HIC2PHA	Pct Hostile attribs HIWC Y2	362	0.6671271	0.2533436	0	1.000
HIC2RPS	Ret and Pun actions score HIWC Y2	360	21.3583333	6.5879046	6.000	40.000

VII. Item and Scale Correlations

HIWC Items Control Sample Year 2

Pearson Correlation Coefficients, N = 147 Prob > r under H0: Rho=0									
	C2BHI1	C2BHI2	C2BHI3	C2BHI4	C2BHI5	C2BHI6	C2BHI7	C2BHI8	C2BHI9
C2BHI1 Why Do You Think Todd/Jessica Hit You	1.00000	0.15868 0.0549	0.20753 0.0117	0.03680 0.6581	0.19497 0.0180	-0.02713 0.7443	0.33621 <.0001	0.04259 0.6085	-0.06246 0.4523
C2BHI2 What Would You Do?	0.15868 0.0549	1.00000	-0.00069 0.9934	0.32834 <.0001	0.07966 0.3375	0.31971 <.0001	0.05064 0.5424	0.24466 0.0028	0.04751 0.5677
C2BHI3 Why Do You Think Alan/Leah Said No	0.20753 0.0117	-0.00069 0.9934	1.00000	0.13764 0.0964	0.21426 0.0092	0.09808 0.2373	0.36451 <.0001	0.03047 0.7141	0.27086 0.0009
C2BHI4 What Would You Do?	0.03680 0.6581	0.32834 <.0001	0.13764 0.0964	1.00000	0.17120 0.0381	0.32505 <.0001	0.08400 0.3118	0.37232 <.0001	0.10412 0.2095
C2BHI5 Why Do You Think John/Lisa Bumped You	0.19497 0.0180	0.07966 0.3375	0.21426 0.0092	0.17120 0.0381	1.00000	0.20532 0.0126	0.24293 0.0030	0.07615 0.3593	0.23353 0.0044
C2BHI6 What Would You Do?	-0.02713 0.7443	0.31971 <.0001	0.09808 0.2373	0.32505 <.0001	0.20532 0.0126	1.00000	0.03691 0.6572	0.37564 <.0001	0.21739 0.0082
C2BHI7 Why Do You Think Carl/Carolyn Said No	0.33621 <.0001	0.05064 0.5424	0.36451 <.0001	0.08400 0.3118	0.24293 0.0030	0.03691 0.6572	1.00000	0.02490 0.7647	0.21406 0.0092
C2BHI8 What Would You Do?	0.04259 0.6085	0.24466 0.0028	0.03047 0.7141	0.37232 <.0001	0.07615 0.3593	0.37564 <.0001	0.02490 0.7647	1.00000	0.04869 0.5581
C2BHI9 Why Didn't Other Kids Answer	-0.06246 0.4523	0.04751 0.5677	0.27086 0.0009	0.10412 0.2095	0.23353 0.0044	0.21739 0.0082	0.21406 0.0092	0.04869 0.5581	1.00000
C2BHI10 What Would You Do?	0.11774 0.1555	0.25899 0.0015	0.12335 0.1366	0.41744 <.0001	0.10703 0.1969	0.14668 0.0763	-0.05180 0.5332	0.38262 <.0001	0.08736 0.2927
C2BHI11 Why Do You Think Brett/Wendy Bumped You	0.22783 0.0055	0.04884 0.5569	0.02695 0.7460	0.09626 0.2461	0.22514 0.0061	0.10930 0.1876	0.22787 0.0055	-0.13584 0.1009	-0.05328 0.5216
C2BHI12 What Would You Do?	0.07734 0.3518	0.34645 <.0001	0.13193 0.1112	0.23627 0.0040	0.19809 0.0162	0.32705 <.0001	0.21302 0.0096	0.17541 0.0336	0.22222 0.0068
C2BHI13 Why Didn't Other Kids Answer	0.20956 0.0109	0.17761 0.0314	0.24155 0.0032	0.13104 0.1136	0.16185 0.0502	0.13486 0.1034	0.22148 0.0070	0.06872 0.4082	0.30843 0.0001
C2BHI14 What Would You Do?	0.05534 0.5056	0.15669 0.0581	0.05671 0.4951	0.27465 0.0008	0.04110 0.6211	0.19930 0.0155	0.05927 0.4758	0.40378 <.0001	0.06037 0.4676
C2BHI15 Why Do You Think He/She Bumped You	0.08086 0.3303	0.21805 0.0080	0.28941 0.0004	0.12304 0.1376	0.32823 <.0001	0.15907 0.0543	0.28017 0.0006	0.03327 0.6891	0.26149 0.0014
C2BHI16 What Would You Do?	0.05754 0.4887	0.28130 0.0006	0.18883 0.0220	0.24208 0.0031	0.12719 0.1247	0.44074 <.0001	0.08346 0.3149	0.23271 0.0046	0.25033 0.0022

HIWC Items Control Sample Year 2

Pearson Correlation Coefficients, N = 147 Prob > r under H0: Rho=0							
	C2BHI10	C2BHI11	C2BHI12	C2BHI13	C2BHI14	C2BHI15	C2BHI16
C2BHI1 Why Do You Think Todd/Jessica Hit You	0.11774 0.1555	0.22783 0.0055	0.07734 0.3518	0.20956 0.0109	0.05534 0.5056	0.08086 0.3303	0.05754 0.4887
C2BHI2 What Would You Do?	0.25899 0.0015	0.04884 0.5569	0.34645 <.0001	0.17761 0.0314	0.15669 0.0581	0.21805 0.0080	0.28130 0.0006
C2BHI3 Why Do You Think Alan/Leah Said No	0.12335 0.1366	0.02695 0.7460	0.13193 0.1112	0.24155 0.0032	0.05671 0.4951	0.28941 0.0004	0.18883 0.0220
C2BHI4 What Would You Do?	0.41744 <.0001	0.09626 0.2461	0.23627 0.0040	0.13104 0.1136	0.27465 0.0008	0.12304 0.1376	0.24208 0.0031
C2BHI5 Why Do You Think John/Lisa Bumped You	0.10703 0.1969	0.22514 0.0061	0.19809 0.0162	0.16185 0.0502	0.04110 0.6211	0.32823 <.0001	0.12719 0.1247
C2BHI6 What Would You Do?	0.14668 0.0763	0.10930 0.1876	0.32705 <.0001	0.13486 0.1034	0.19930 0.0155	0.15907 0.0543	0.44074 <.0001
C2BHI7 Why Do You Think Carl/Carolyn Said No	-0.05180 0.5332	0.22787 0.0055	0.21302 0.0096	0.22148 0.0070	0.05927 0.4758	0.28017 0.0006	0.08346 0.3149
C2BHI8 What Would You Do?	0.38262 <.0001	-0.13584 0.1009	0.17541 0.0336	0.06872 0.4082	0.40378 <.0001	0.03327 0.6891	0.23271 0.0046
C2BHI9 Why Didn't Other Kids Answer	0.08736 0.2927	-0.05328 0.5216	0.22222 0.0068	0.30843 0.0001	0.06037 0.4676	0.26149 0.0014	0.25033 0.0022
C2BHI10 What Would You Do?	1.00000	-0.00724 0.9306	0.15778 0.0563	0.04170 0.6160	0.48859 <.0001	0.05786 0.4864	0.25183 0.0021
C2BHI11 Why Do You Think Brett/Wendy Bumped You	-0.00724 0.9306	1.00000	0.25161 0.0021	0.11776 0.1554	-0.04868 0.5582	0.31636 <.0001	0.19003 0.0211
C2BHI12 What Would You Do?	0.15778 0.0563	0.25161 0.0021	1.00000	0.26421 0.0012	0.23819 0.0037	0.29491 0.0003	0.38372 <.0001
C2BHI13 Why Didn't Other Kids Answer	0.04170 0.6160	0.11776 0.1554	0.26421 0.0012	1.00000	0.12971 0.1174	0.31739 <.0001	0.10662 0.1987
C2BHI14 What Would You Do?	0.48859 <.0001	-0.04868 0.5582	0.23819 0.0037	0.12971 0.1174	1.00000	0.05892 0.4784	0.24695 0.0026
C2BHI15 Why Do You Think He/She Bumped You	0.05786 0.4864	0.31636 <.0001	0.29491 0.0003	0.31739 <.0001	0.05892 0.4784	1.00000	0.39523 <.0001
C2BHI16 What Would You Do?	0.25183 0.0021	0.19003 0.0211	0.38372 <.0001	0.10662 0.1987	0.24695 0.0026	0.39523 <.0001	1.00000

HIWC Items Normative Sample Year 2

Pearson Correlation Coefficients, N = 360 Prob > r under H0: Rho=0									
	C2BHI1	C2BHI2	C2BHI3	C2BHI4	C2BHI5	C2BHI6	C2BHI7	C2BHI8	C2BHI9
C2BHI1 Why Do You Think Todd/Jessica Hit You	1.00000	0.27361 <.0001	0.13993 0.0078	0.08715 0.0987	0.25054 <.0001	0.10253 0.0519	0.23939 <.0001	0.11956 0.0233	0.14123 0.0073
C2BHI2 What Would You Do?	0.27361 <.0001	1.00000	0.05422 0.3049	0.18502 0.0004	0.06346 0.2297	0.26449 <.0001	-0.05146 0.3302	0.15947 0.0024	0.03117 0.5555
C2BHI3 Why Do You Think Alan/Leah Said No	0.13993 0.0078	0.05422 0.3049	1.00000	0.08025 0.1286	0.14239 0.0068	0.03949 0.4551	0.13613 0.0097	0.01725 0.7443	0.24707 <.0001
C2BHI4 What Would You Do?	0.08715 0.0987	0.18502 0.0004	0.08025 0.1286	1.00000	0.13702 0.0092	0.32182 <.0001	0.01627 0.7583	0.44105 <.0001	0.05093 0.3353
C2BHI5 Why Do You Think John/Lisa Bumped You	0.25054 <.0001	0.06346 0.2297	0.14239 0.0068	0.13702 0.0092	1.00000	0.23099 <.0001	0.21619 <.0001	0.15094 0.0041	0.30053 <.0001
C2BHI6 What Would You Do?	0.10253 0.0519	0.26449 <.0001	0.03949 0.4551	0.32182 <.0001	0.23099 <.0001	1.00000	0.00611 0.9080	0.31884 <.0001	0.19231 0.0002
C2BHI7 Why Do You Think Carl/Carolyn Said No	0.23939 <.0001	-0.05146 0.3302	0.13613 0.0097	0.01627 0.7583	0.21619 <.0001	0.00611 0.9080	1.00000	0.08351 0.1137	0.14485 0.0059
C2BHI8 What Would You Do?	0.11956 0.0233	0.15947 0.0024	0.01725 0.7443	0.44105 <.0001	0.15094 0.0041	0.31884 <.0001	0.08351 0.1137	1.00000	0.06645 0.2085
C2BHI9 Why Didn't Other Kids Answer	0.14123 0.0073	0.03117 0.5555	0.24707 <.0001	0.05093 0.3353	0.30053 <.0001	0.19231 0.0002	0.14485 0.0059	0.06645 0.2085	1.00000
C2BHI10 What Would You Do?	0.04763 0.3676	0.14179 0.0070	0.09798 0.0633	0.34207 <.0001	0.03398 0.5204	0.20056 0.0001	0.03639 0.4913	0.41498 <.0001	0.07583 0.1510
C2BHI11 Why Do You Think Brett/Wendy Bumped You	0.22257 <.0001	0.06677 0.2063	0.10304 0.0508	-0.04395 0.4057	0.22199 <.0001	0.05603 0.2891	0.05456 0.3019	0.06533 0.2163	0.01904 0.7188
C2BHI12 What Would You Do?	0.17759 0.0007	0.35019 <.0001	0.11232 0.0331	0.14677 0.0053	0.15513 0.0032	0.39475 <.0001	0.10185 0.0535	0.26472 <.0001	0.07204 0.1726
C2BHI13 Why Didn't Other Kids Answer	0.27209 <.0001	0.12753 0.0155	0.27285 <.0001	0.00691 0.8960	0.17977 0.0006	0.13544 0.0101	0.13418 0.0108	0.08166 0.1219	0.41930 <.0001
C2BHI14 What Would You Do?	-0.03568 0.4998	0.02882 0.5857	0.11482 0.0294	0.36497 <.0001	0.00789 0.8813	0.21664 <.0001	0.05703 0.2805	0.39423 <.0001	0.07470 0.1573
C2BHI15 Why Do You Think He/She Bumped You	0.25448 <.0001	0.11861 0.0244	0.20978 <.0001	0.02916 0.5814	0.37613 <.0001	0.14284 0.0066	0.10439 0.0478	0.06739 0.2021	0.29518 <.0001
C2BHI16 What Would You Do?	0.15019 0.0043	0.28517 <.0001	0.02812 0.5949	0.18111 0.0006	0.12842 0.0148	0.53306 <.0001	0.06486 0.2196	0.24109 <.0001	0.16847 0.0013

HIWC Items Normative Sample Year 2

Pearson Correlation Coefficients, N = 360 Prob > r under H0: Rho=0							
	C2BHI10	C2BHI11	C2BHI12	C2BHI13	C2BHI14	C2BHI15	C2BHI16
C2BHI1 Why Do You Think Todd/Jessica Hit You	0.04763 0.3676	0.22257 <.0001	0.17759 0.0007	0.27209 <.0001	-0.03568 0.4998	0.25448 <.0001	0.15019 0.0043
C2BHI2 What Would You Do?	0.14179 0.0070	0.06677 0.2063	0.35019 <.0001	0.12753 0.0155	0.02882 0.5857	0.11861 0.0244	0.28517 <.0001
C2BHI3 Why Do You Think Alan/Leah Said No	0.09798 0.0633	0.10304 0.0508	0.11232 0.0331	0.27285 <.0001	0.11482 0.0294	0.20978 <.0001	0.02812 0.5949
C2BHI4 What Would You Do?	0.34207 <.0001	-0.04395 0.4057	0.14677 0.0053	0.00691 0.8960	0.36497 <.0001	0.02916 0.5814	0.18111 0.0006
C2BHI5 Why Do You Think John/Lisa Bumped You	0.03398 0.5204	0.22199 <.0001	0.15513 0.0032	0.17977 0.0006	0.00789 0.8813	0.37613 <.0001	0.12842 0.0148
C2BHI6 What Would You Do?	0.20056 0.0001	0.05603 0.2891	0.39475 <.0001	0.13544 0.0101	0.21664 <.0001	0.14284 0.0066	0.53306 <.0001
C2BHI7 Why Do You Think Carl/Carolyn Said No	0.03639 0.4913	0.05456 0.3019	0.10185 0.0535	0.13418 0.0108	0.05703 0.2805	0.10439 0.0478	0.06486 0.2196
C2BHI8 What Would You Do?	0.41498 <.0001	0.06533 0.2163	0.26472 <.0001	0.08166 0.1219	0.39423 <.0001	0.06739 0.2021	0.24109 <.0001
C2BHI9 Why Didn't Other Kids Answer	0.07583 0.1510	0.01904 0.7188	0.07204 0.1726	0.41930 <.0001	0.07470 0.1573	0.29518 <.0001	0.16847 0.0013
C2BHI10 What Would You Do?	1.00000	0.11841 0.0247	0.16321 0.0019	0.07376 0.1626	0.45307 <.0001	0.05604 0.2889	0.16508 0.0017
C2BHI11 Why Do You Think Brett/Wendy Bumped You	0.11841 0.0247	1.00000	0.26318 <.0001	0.12541 0.0173	0.00470 0.9291	0.32733 <.0001	0.13922 0.0082
C2BHI12 What Would You Do?	0.16321 0.0019	0.26318 <.0001	1.00000	0.18078 0.0006	0.15671 0.0029	0.21162 <.0001	0.45395 <.0001
C2BHI13 Why Didn't Other Kids Answer	0.07376 0.1626	0.12541 0.0173	0.18078 0.0006	1.00000	0.08573 0.1044	0.23473 <.0001	0.16562 0.0016
C2BHI14 What Would You Do?	0.45307 <.0001	0.00470 0.9291	0.15671 0.0029	0.08573 0.1044	1.00000	-0.03102 0.5574	0.14257 0.0067
C2BHI15 Why Do You Think He/She Bumped You	0.05604 0.2889	0.32733 <.0001	0.21162 <.0001	0.23473 <.0001	-0.03102 0.5574	1.00000	0.30667 <.0001
C2BHI16 What Would You Do?	0.16508 0.0017	0.13922 0.0082	0.45395 <.0001	0.16562 0.0016	0.14257 0.0067	0.30667 <.0001	1.00000

HIWC Percent Hostile Attributions Control Sample Year 2

Pearson Correlation Coefficients, N = 147								
Prob > r under H0: Rho=0								
	C2BHI1x	C2BHI3x	C2BHI5x	C2BHI7x	C2BHI9x	C2BHI11x	C2BHI13x	C2BHI15x
C2BHI1x	1.00000	0.16177 0.0503	0.15183 0.0664	0.10769 0.1942	0.03397 0.6829	0.02835 0.7332	0.15197 0.0661	-0.00062 0.9941
C2BHI3x	0.16177 0.0503	1.00000	0.22023 0.0074	0.24121 0.0032	0.24580 0.0027	0.06107 0.4625	0.21599 0.0086	0.24964 0.0023
C2BHI5x	0.15183 0.0664	0.22023 0.0074	1.00000	0.24936 0.0023	0.34992 <.0001	0.32745 <.0001	0.25992 0.0015	0.32439 <.0001
C2BHI7x	0.10769 0.1942	0.24121 0.0032	0.24936 0.0023	1.00000	0.19719 0.0167	0.17078 0.0386	0.12022 0.1469	0.14815 0.0733
C2BHI9x	0.03397 0.6829	0.24580 0.0027	0.34992 <.0001	0.19719 0.0167	1.00000	0.04699 0.5720	0.43932 <.0001	0.24973 0.0023
C2BHI11x	0.02835 0.7332	0.06107 0.4625	0.32745 <.0001	0.17078 0.0386	0.04699 0.5720	1.00000	0.14061 0.0894	0.32439 <.0001
C2BHI13x	0.15197 0.0661	0.21599 0.0086	0.25992 0.0015	0.12022 0.1469	0.43932 <.0001	0.14061 0.0894	1.00000	0.33501 <.0001
C2BHI15x	-0.00062 0.9941	0.24964 0.0023	0.32439 <.0001	0.14815 0.0733	0.24973 0.0023	0.32439 <.0001	0.33501 <.0001	1.00000

HIWC Percent Hostile Attributions Normative Sample Year 2

Pearson Correlation Coefficients, N = 362								
Prob > r under H0: Rho=0								
	C2BHI1x	C2BHI3x	C2BHI5x	C2BHI7x	C2BHI9x	C2BHI11x	C2BHI13x	C2BHI15x
C2BHI1x	1.00000	0.15216 0.0037	0.22369 <.0001	0.13697 0.0091	0.11713 0.0258	0.16297 0.0019	0.23674 <.0001	0.19547 0.0002
C2BHI3x	0.15216 0.0037	1.00000	0.19221 0.0002	0.16131 0.0021	0.24166 <.0001	0.10786 0.0403	0.27769 <.0001	0.24027 <.0001
C2BHI5x	0.22369 <.0001	0.19221 0.0002	1.00000	0.21312 <.0001	0.31381 <.0001	0.32988 <.0001	0.24323 <.0001	0.35564 <.0001
C2BHI7x	0.13697 0.0091	0.16131 0.0021	0.21312 <.0001	1.00000	0.16433 0.0017	0.17310 0.0009	0.08951 0.0890	0.14710 0.0050
C2BHI9x	0.11713 0.0258	0.24166 <.0001	0.31381 <.0001	0.16433 0.0017	1.00000	0.08337 0.1133	0.45823 <.0001	0.26593 <.0001
C2BHI11x	0.16297 0.0019	0.10786 0.0403	0.32988 <.0001	0.17310 0.0009	0.08337 0.1133	1.00000	0.18448 0.0004	0.35675 <.0001
C2BHI13x	0.23674 <.0001	0.27769 <.0001	0.24323 <.0001	0.08951 0.0890	0.45823 <.0001	0.18448 0.0004	1.00000	0.23779 <.0001
C2BHI15x	0.19547 0.0002	0.24027 <.0001	0.35564 <.0001	0.14710 0.0050	0.26593 <.0001	0.35675 <.0001	0.23779 <.0001	1.00000

HIWC Aggressive Behavior Score Control Sample Year 2

Pearson Correlation Coefficients, N = 147 Prob > r under H0: Rho=0								
	C2BHI2	C2BHI4	C2BHI6	C2BHI8	C2BHI10	C2BHI12	C2BHI14	C2BHI16
C2BHI2 What Would You Do?	1.00000	0.32834 <.0001	0.31971 <.0001	0.24466 0.0028	0.25899 0.0015	0.34645 <.0001	0.15669 0.0581	0.28130 0.0006
C2BHI4 What Would You Do?	0.32834 <.0001	1.00000	0.32505 <.0001	0.37232 <.0001	0.41744 <.0001	0.23627 0.0040	0.27465 0.0008	0.24208 0.0031
C2BHI6 What Would You Do?	0.31971 <.0001	0.32505 <.0001	1.00000	0.37564 <.0001	0.14668 0.0763	0.32705 <.0001	0.19930 0.0155	0.44074 <.0001
C2BHI8 What Would You Do?	0.24466 0.0028	0.37232 <.0001	0.37564 <.0001	1.00000	0.38262 <.0001	0.17541 0.0336	0.40378 <.0001	0.23271 0.0046
C2BHI10 What Would You Do?	0.25899 0.0015	0.41744 <.0001	0.14668 0.0763	0.38262 <.0001	1.00000	0.15778 0.0563	0.48859 <.0001	0.25183 0.0021
C2BHI12 What Would You Do?	0.34645 <.0001	0.23627 0.0040	0.32705 <.0001	0.17541 0.0336	0.15778 0.0563	1.00000	0.23819 0.0037	0.38372 <.0001
C2BHI14 What Would You Do?	0.15669 0.0581	0.27465 0.0008	0.19930 0.0155	0.40378 <.0001	0.48859 <.0001	0.23819 0.0037	1.00000	0.24695 0.0026
C2BHI16 What Would You Do?	0.28130 0.0006	0.24208 0.0031	0.44074 <.0001	0.23271 0.0046	0.25183 0.0021	0.38372 <.0001	0.24695 0.0026	1.00000

HIWC Aggressive Behavior Score Normative Sample Year 2

Pearson Correlation Coefficients, N = 360 Prob > r under H0: Rho=0								
	C2BHI2	C2BHI4	C2BHI6	C2BHI8	C2BHI10	C2BHI12	C2BHI14	C2BHI16
C2BHI2 What Would You Do?	1.00000	0.18502 0.0004	0.26449 <.0001	0.15947 0.0024	0.14179 0.0070	0.35019 <.0001	0.02882 0.5857	0.28517 <.0001
C2BHI4 What Would You Do?	0.18502 0.0004	1.00000	0.32182 <.0001	0.44105 <.0001	0.34207 <.0001	0.14677 0.0053	0.36497 <.0001	0.18111 0.0006
C2BHI6 What Would You Do?	0.26449 <.0001	0.32182 <.0001	1.00000	0.31884 <.0001	0.20056 0.0001	0.39475 <.0001	0.21664 <.0001	0.53306 <.0001
C2BHI8 What Would You Do?	0.15947 0.0024	0.44105 <.0001	0.31884 <.0001	1.00000	0.41498 <.0001	0.26472 <.0001	0.39423 <.0001	0.24109 <.0001
C2BHI10 What Would You Do?	0.14179 0.0070	0.34207 <.0001	0.20056 0.0001	0.41498 <.0001	1.00000	0.16321 0.0019	0.45307 <.0001	0.16508 0.0017
C2BHI12 What Would You Do?	0.35019 <.0001	0.14677 0.0053	0.39475 <.0001	0.26472 <.0001	0.16321 0.0019	1.00000	0.15671 0.0029	0.45395 <.0001
C2BHI14 What Would You Do?	0.02882 0.5857	0.36497 <.0001	0.21664 <.0001	0.39423 <.0001	0.45307 <.0001	0.15671 0.0029	1.00000	0.14257 0.0067
C2BHI16 What Would You Do?	0.28517 <.0001	0.18111 0.0006	0.53306 <.0001	0.24109 <.0001	0.16508 0.0017	0.45395 <.0001	0.14257 0.0067	1.00000

HIWC Percent Aggressive and Threaten Behaviors Control Sample Year 2

Pearson Correlation Coefficients, N = 147 Prob > r under H0: Rho=0								
	C2BHI2x	C2BHI4x	C2BHI6x	C2BHI8x	C2BHI10x	C2BHI12x	C2BHI14x	C2BHI16x
C2BHI2x	1.00000	0.29399 0.0003	0.38191 <.0001	0.35974 <.0001	0.26068 0.0014	0.42466 <.0001	0.28381 0.0005	0.26740 0.0011
C2BHI4x	0.29399 0.0003	1.00000	0.27257 0.0008	0.39743 <.0001	0.42853 <.0001	0.19667 0.0170	0.20999 0.0107	0.13818 0.0951
C2BHI6x	0.38191 <.0001	0.27257 0.0008	1.00000	0.31241 0.0001	0.21704 0.0083	0.36477 <.0001	0.24336 0.0030	0.41911 <.0001
C2BHI8x	0.35974 <.0001	0.39743 <.0001	0.31241 0.0001	1.00000	0.51879 <.0001	0.08858 0.2860	0.43834 <.0001	0.20336 0.0135
C2BHI10x	0.26068 0.0014	0.42853 <.0001	0.21704 0.0083	0.51879 <.0001	1.00000	0.09885 0.2336	0.51903 <.0001	0.25072 0.0022
C2BHI12x	0.42466 <.0001	0.19667 0.0170	0.36477 <.0001	0.08858 0.2860	0.09885 0.2336	1.00000	0.16164 0.0505	0.34906 <.0001
C2BHI14x	0.28381 0.0005	0.20999 0.0107	0.24336 0.0030	0.43834 <.0001	0.51903 <.0001	0.16164 0.0505	1.00000	0.27582 0.0007
C2BHI16x	0.26740 0.0011	0.13818 0.0951	0.41911 <.0001	0.20336 0.0135	0.25072 0.0022	0.34906 <.0001	0.27582 0.0007	1.00000

HIWC Percent Aggressive and Threaten Behaviors Normative Sample Year 2

Pearson Correlation Coefficients, N = 360 Prob > r under H0: Rho=0								
	C2BHI2x	C2BHI4x	C2BHI6x	C2BHI8x	C2BHI10x	C2BHI12x	C2BHI14x	C2BHI16x
C2BHI2x	1.00000	0.27041 <.0001	0.30855 <.0001	0.25963 <.0001	0.15571 0.0031	0.39140 <.0001	0.09016 0.0876	0.29107 <.0001
C2BHI4x	0.27041 <.0001	1.00000	0.34087 <.0001	0.49211 <.0001	0.43537 <.0001	0.24990 <.0001	0.36501 <.0001	0.20622 <.0001
C2BHI6x	0.30855 <.0001	0.34087 <.0001	1.00000	0.30958 <.0001	0.26993 <.0001	0.43980 <.0001	0.27655 <.0001	0.53890 <.0001
C2BHI8x	0.25963 <.0001	0.49211 <.0001	0.30958 <.0001	1.00000	0.48704 <.0001	0.27555 <.0001	0.41449 <.0001	0.24129 <.0001
C2BHI10x	0.15571 0.0031	0.43537 <.0001	0.26993 <.0001	0.48704 <.0001	1.00000	0.19305 0.0002	0.50460 <.0001	0.18963 0.0003
C2BHI12x	0.39140 <.0001	0.24990 <.0001	0.43980 <.0001	0.27555 <.0001	0.19305 0.0002	1.00000	0.20002 0.0001	0.44579 <.0001
C2BHI14x	0.09016 0.0876	0.36501 <.0001	0.27655 <.0001	0.41449 <.0001	0.50460 <.0001	0.20002 0.0001	1.00000	0.18322 0.0005
C2BHI16x	0.29107 <.0001	0.20622 <.0001	0.53890 <.0001	0.24129 <.0001	0.18963 0.0003	0.44579 <.0001	0.18322 0.0005	1.00000

Appendix – SAS Scoring Program
[\(See Instrument Summary\)](#)