

Home Interview with Child
Kindergarten/Year 1
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: C1B

Scored: HIC1

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 that 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 sample (n=310) and on the normative sample (n=387, 618 with overlap) from the first year of administration of this study. 1 student (from the high risk sample in Nashville) was missing responses for the entire scale. 4 students were missing individual items (1 from Durham and 3 from Pennsylvania). These students 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/she 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	High Risk
Percent Hostile Attributions (HIC1PHA)	.78	.72
Percent Aggressive and Threaten Behaviors (HIC1PRP)	.84	.82
Aggressive Behavior Score (HIC1RPS)	.82	.82

The reliability coefficients for these subscales indicated an acceptable reliability, ranging from .72 to .84.

IV. Differences between Groups

A series of t-tests for the subscales between the normative and high-risk samples indicated significant differences for two of the scales: *Percent Hostile Attribution* and *Percent Aggressive and Threaten Behaviors*. The mean for the control sample in each scale was larger than the mean for the normative sample for each scale. No significant differences were found in a series of t-tests for the scales between the high-risk control sample and the high-risk intervention sample. The mean for the control sample was larger than the mean for the intervention sample for two scales: *Percent Aggressive and Threaten Behaviors* and the *Aggressive Behaviors Score*.

In addition, a series of t-tests for the items between the normative and high-risk samples indicated significant differences for only 3 items: C1BHI2 (what would you do [about Todd/Jessica]), $t=2.02$, $df=615$ ($p=.0439$); C1BHI9 (why didn't the other kids answer), $t=2.37$, $df=615$ ($p=.0181$); and, C1BHI14 (what would you do [if other kids didn't answer]), $t=2.21$, $df=615$ ($p=.0272$). There were no significant differences noted on t-tests conducted on items in the control and intervention samples.

HIWC Scales

Variable	Normative Sample		High-Risk Sample		DF	t Value	Pr > t
	Mean	SD	Mean	SD			
HIC1PRP	0.37	0.33	0.43	0.32	615	2.51	.0123
HIC1PHA	0.60	0.30	0.65	0.27	615	2.20	.0280
HIC1RPS	21.15	8.56	22.14	8.54	612	1.43	.1539

Variable	Control Sample		Intervention Sample		DF	t Value	Pr > t
	Mean	SD	Mean	SD			
HIC1PRP	0.44	0.32	0.43	0.32	307	0.14	.8857
HIC1PHA	0.64	0.27	0.66	0.27	307	-0.34	.7373
HIC1RPS	22.28	8.40	22.00	8.70	307	0.29	.7757

HIWC Items

Variable	Normative Sample		High-Risk Sample		DF	t Value	Pr > t
	Mean	SD	Mean	SD			
C1BHI1	1.43	0.58	1.42	0.57	615	-0.10	.9208
C1BHI2	2.94	1.61	3.20	1.58	615	2.02	.0439
C1BHI3	1.75	0.55	1.83	.45	615	1.94	.0525
C1BHI4	2.26	1.57	2.46	1.60	614	1.56	.1201
C1BHI5	1.66	0.55	1.73	0.52	615	1.76	.0784
C1BHI6	3.26	1.61	3.13	1.67	615	-1.01	.3131
C1BHI7	1.83	0.45	1.87	0.37	615	1.08	.2787
C1BHI8	2.35	1.57	2.48	1.61	615	1.00	.3172
C1BHI9	1.56	0.54	1.66	0.53	615	2.37	.0181
C1BHI10	2.12	1.49	2.11	1.52	614	-0.14	.8887
C1BHI11	1.72	0.51	1.76	0.49	615	0.99	.3248
C1BHI12	3.16	1.60	3.27	1.58	615	0.85	.3931
C1BHI13	1.59	0.55	1.63	0.52	615	0.93	.3548
C1BHI14	2.07	1.42	2.33	1.55	615	2.21	.0272
C1BHI15	1.65	0.53	1.61	0.54	613	-0.94	.3454
C1BHI16	3.03	1.66	3.17	1.64	614	1.05	.2956

Variable	Control Sample		Intervention Sample		DF	t Value	Pr > t
	Mean	SD	Mean	SD			
C1BHI1	1.39	0.56	1.45	0.58	307	-0.93	.3511
C1BHI2	3.20	1.60	3.20	1.57	307	-0.01	.9943
C1BHI3	1.83	0.46	1.82	0.44	307	0.02	.9824
C1BHI4	2.42	1.55	2.49	1.65	307	-0.41	.6845
C1BHI5	1.70	0.51	1.77	0.52	307	-1.18	.2394
C1BHI6	3.19	1.63	3.06	1.72	307	0.64	.5214
C1BHI7	1.85	0.38	1.90	0.36	307	-1.20	.2304
C1BHI8	2.50	1.62	2.45	1.61	307	0.30	.7645
C1BHI9	1.68	0.52	1.65	0.53	307	0.47	.6394
C1BHI10	2.15	1.59	2.06	1.45	307	0.48	.6311
C1BHI11	1.78	0.49	1.74	0.50	307	0.72	.4707
C1BHI12	3.28	1.59	3.26	1.57	307	0.10	.9218
C1BHI13	1.67	0.52	1.59	0.52	307	1.35	.1781
C1BHI14	2.35	1.54	2.31	1.57	307	0.24	.8075
C1BHI15	1.58	0.55	1.65	0.54	306	-1.15	.2503
C1BHI16	3.19	1.61	3.16	1.67	307	0.17	.8671

V. Recommendations for Use

Analysts should note that the distributions for the scales for both the normative and the high-risk samples are fairly normal, with small amounts of skewness. The same is true for each of the individual items of the measure for both the normative and the high-risk samples; their distributions are all fairly normal, with only small amounts of skewness.

VI. Item and Scale Means and SD's

HIWC Individual Items Control Sample Year 1
The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C1BHI1	Why do you think Todd/Jessica hit you	155	1.3935484	0.5640389	0	3.000
C1BHI2	What would you do?	155	3.2000000	1.5970752	0	5.000
C1BHI3	Why do you think Alan/Leah said no	155	1.8258065	0.4579512	1.000	3.000
C1BHI4	What would you do?	155	2.4193548	1.5494908	0	5.000
C1BHI5	Why do you think John/Lisa bumped you	155	1.6967742	0.5143928	0	3.000
C1BHI6	What would you do?	155	3.1870968	1.6268330	0	5.000
C1BHI7	Why do you think Carl/Carolyn said no	155	1.8451613	0.3803951	1.000	3.000
C1BHI8	What would you do?	155	2.5032258	1.6211836	0	5.000
C1BHI9	Why didn't other kids answer	155	1.6774194	0.5214301	1.000	3.000
C1BHI10	What would you do?	155	2.1483871	1.5946076	0	5.000
C1BHI11	Why do you think Brett/Wendy bumped you	155	1.7806452	0.4871194	1.000	3.000
C1BHI12	What would you do?	155	3.2774194	1.5935564	0	5.000
C1BHI13	Why didn't other kids answer	155	1.6709677	0.5235949	1.000	3.000
C1BHI14	What would you do?	155	2.3548387	1.5447521	0	5.000
C1BHI15	Why do you think he/she bumped you	154	1.5779221	0.5457197	0	3.000
C1BHI16	What would you do?	155	3.1870968	1.6067516	0	5.000

HIWC Individual Items Intervention Sample Year 1
The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C1BHI1	Why do you think Todd/Jessica hit you	154	1.4545455	0.5840014	0	3.000
C1BHI2	What would you do?	154	3.2012987	1.5733893	0	5.000
C1BHI3	Why do you think Alan/Leah said no	154	1.8246753	0.4447679	1.000	3.000
C1BHI4	What would you do?	154	2.4935065	1.6538596	0	5.000
C1BHI5	Why do you think John/Lisa bumped you	154	1.7662338	0.5213382	0	3.000
C1BHI6	What would you do?	154	3.0649351	1.7175576	0	5.000
C1BHI7	Why do you think Carl/Carolyn said no	154	1.8961039	0.3645900	1.000	3.000
C1BHI8	What would you do?	154	2.4480519	1.6130279	0	5.000
C1BHI9	Why didn't other kids answer	154	1.6493506	0.5305376	0	3.000
C1BHI10	What would you do?	154	2.0649351	1.4537548	0	5.000
C1BHI11	Why do you think Brett/Wendy bumped you	154	1.7402597	0.4958019	0	3.000
C1BHI12	What would you do?	154	3.2597403	1.5710002	0	5.000
C1BHI13	Why didn't other kids answer	154	1.5909091	0.5190947	1.000	3.000
C1BHI14	What would you do?	154	2.3116883	1.5656421	0	5.000
C1BHI15	Why do you think he/she bumped you	154	1.6493506	0.5427173	0	3.000
C1BHI16	What would you do?	154	3.1558442	1.6730461	0	5.000

HIWC Individual Items Normative Sample Year 1

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C1BHI1	Why do you think Todd/Jessica hit you	387	1.4160207	0.5758991	0	3.000
C1BHI2	What would you do?	387	2.9767442	1.6101932	0	5.000
C1BHI3	Why do you think Alan/Leah said no	387	1.7803618	0.5297637	0	3.000
C1BHI4	What would you do?	386	2.2253886	1.5686798	0	5.000
C1BHI5	Why do you think John/Lisa bumped you	387	1.6614987	0.5450111	0	3.000
C1BHI6	What would you do?	387	3.2222222	1.6405554	0	5.000
C1BHI7	Why do you think Carl/Carolyn said no	387	1.8475452	0.4319050	1.000	3.000
C1BHI8	What would you do?	387	2.3126615	1.5664619	0	5.000
C1BHI9	Why didn't other kids answer	387	1.5943152	0.5369929	0	3.000
C1BHI10	What would you do?	386	2.0932642	1.4916586	0	5.000
C1BHI11	Why do you think Brett/Wendy bumped you	387	1.7286822	0.5102870	1.000	3.000
C1BHI12	What would you do?	387	3.1808786	1.6170549	0	5.000
C1BHI13	Why didn't other kids answer	387	1.6227390	0.5456372	0	3.000
C1BHI14	What would you do?	387	2.1214470	1.4425905	0	5.000
C1BHI15	Why do you think he/she bumped you	386	1.6243523	0.5454203	0	3.000
C1BHI16	What would you do?	386	3.0544041	1.6402863	0	5.000

HIWC Individual Scales Control Sample Year 1
The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
HIC1PRP	Pct Ret and Pun actions HIWC Y1	155	0.4370968	0.3208698	0	1.000
HIC1PHA	Pct Hostile attribs HIWC Y1	155	0.6448925	0.2725145	0	1.000
HIC1RPS	Ret and Pun actions score HIWC Y1	155	22.2774194	8.3964553	5.000	40.000

HIWC Individual Scales Intervention Sample Year 1
The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
HIC1PRP	Pct Ret and Pun actions HIWC Y1	154	0.4318182	0.3240405	0	1.000
HIC1PHA	Pct Hostile attribs HIWC Y1	154	0.6551716	0.2655589	0	1.000
HIC1RPS	Ret and Pun actions score HIWC Y1	154	22.0000000	8.7042924	0	40.000

HIWC Individual Scales Normative Sample Year 1
The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
HIC1PRP	Pct Ret and Pun actions HIWC Y1	387	0.3761997	0.3220580	0	1.000
HIC1PHA	Pct Hostile attribs HIWC Y1	387	0.6096192	0.2973086	0	1.000
HIC1RPS	Ret and Pun actions score HIWC Y1	384	21.1588542	8.4047901	0	40.000

VII. Item and Scale Correlations

HIWC Item Correlation Full Sample Year 1

Pearson Correlation Coefficients, N = 613

Prob > |r| under H0: Rho=0

	C1BHI1	C1BHI2	C1BHI3	C1BHI4
C1BHI1 Why do you think Todd/Jessica hit you	1.00000	0.17746 <.0001	0.24063 <.0001	0.05622 0.1644
C1BHI2 What would you do?	0.17746 <.0001	1.00000	0.10159 0.0118	0.27338 <.0001
C1BHI3 Why do you think Alan/Leah said no	0.24063 <.0001	0.10159 0.0118	1.00000	0.08803 0.0293
C1BHI4 What would you do?	0.05622 0.1644	0.27338 <.0001	0.08803 0.0293	1.00000
C1BHI5 Why do you think John/Lisa bumped you	0.31659 <.0001	0.14164 0.0004	0.26818 <.0001	0.04370 0.2800
C1BHI6 What would you do?	0.10582 0.0087	0.46612 <.0001	0.13498 0.0008	0.33876 <.0001
C1BHI7 Why do you think Carl/Carolyn said no	0.28935 <.0001	0.06026 0.1361	0.33316 <.0001	0.05817 0.1503
C1BHI8 What would you do?	0.04892 0.2265	0.29542 <.0001	0.10235 0.0112	0.46306 <.0001
C1BHI9 Why didn't other kids answer	0.24489 <.0001	0.10945 0.0067	0.31603 <.0001	0.04521 0.2638
C1BHI10 What would you do?	0.04218 0.2971	0.29191 <.0001	0.06260 0.1216	0.40149 <.0001
C1BHI11 Why do you think Brett/Wendy bumped you	0.24479 <.0001	0.07937 0.0495	0.31293 <.0001	0.06682 0.0984
C1BHI12 What would you do?	0.07249 0.0729	0.38736 <.0001	0.10386 0.0101	0.28811 <.0001
C1BHI13 Why didn't other kids answer	0.27823 <.0001	0.10497 0.0093	0.33383 <.0001	0.05389 0.1827
C1BHI14 What would you do?	-0.00588 0.8845	0.22782 <.0001	0.06242 0.1226	0.41258 <.0001
C1BHI15 Why do you think he/she bumped you	0.25908 <.0001	0.16184 <.0001	0.21141 <.0001	0.07756 0.0550
C1BHI16 What would you do?	0.03302 0.4145	0.37314 <.0001	0.09965 0.0136	0.34311 <.0001

HIWC Item Correlation Full Sample Year 1
 Pearson Correlation Coefficients, N = 613
 Prob > |r| under H0: Rho=0

	C1BHI5	C1BHI6	C1BHI7	C1BHI8
C1BHI1	0.31659	0.10582	0.28935	0.04892
Why do you think Todd/Jessica hit you	<.0001	0.0087	<.0001	0.2265
C1BHI2	0.14164	0.46612	0.06026	0.29542
What would you do?	0.0004	<.0001	0.1361	<.0001
C1BHI3	0.26818	0.13498	0.33316	0.10235
Why do you think Alan/Leah said no	<.0001	0.0008	<.0001	0.0112
C1BHI4	0.04370	0.33876	0.05817	0.46306
What would you do?	0.2800	<.0001	0.1503	<.0001
C1BHI5	1.00000	0.14683	0.27435	0.04571
Why do you think John/Lisa bumped you		0.0003	<.0001	0.2585
C1BHI6	0.14683	1.00000	0.09419	0.33134
What would you do?	0.0003		0.0197	<.0001
C1BHI7	0.27435	0.09419	1.00000	0.08793
Why do you think Carl/Carolyn said no	<.0001	0.0197		0.0295
C1BHI8	0.04571	0.33134	0.08793	1.00000
What would you do?	0.2585	<.0001	0.0295	
C1BHI9	0.29408	0.10623	0.29040	0.03517
Why didn't other kids answer	<.0001	0.0085	<.0001	0.3847
C1BHI10	0.03238	0.32555	0.02842	0.50855
What would you do?	0.4236	<.0001	0.4824	<.0001
C1BHI11	0.38460	0.13975	0.18427	-0.00428
Why do you think Brett/Wendy bumped you	<.0001	0.0005	<.0001	0.9158
C1BHI12	0.11131	0.49062	0.10105	0.30655
What would you do?	0.0058	<.0001	0.0123	<.0001
C1BHI13	0.29434	0.08505	0.30476	0.04187
Why didn't other kids answer	<.0001	0.0353	<.0001	0.3006
C1BHI14	0.04445	0.31993	0.05584	0.50714
What would you do?	0.2719	<.0001	0.1673	<.0001
C1BHI15	0.42983	0.17802	0.17896	0.06802
Why do you think he/she bumped you	<.0001	<.0001	<.0001	0.0925
C1BHI16	0.08429	0.47338	0.08058	0.34053
What would you do?	0.0370	<.0001	0.0461	<.0001

HIWC Item Correlation Full Sample Year 1

Pearson Correlation Coefficients, N = 613

Prob > |r| under H0: Rho=0

	C1BHI9	C1BHI10	C1BHI11	C1BHI12
C1BHI1	0.24489	0.04218	0.24479	0.07249
Why do you think Todd/Jessica hit you	<.0001	0.2971	<.0001	0.0729
C1BHI2	0.10945	0.29191	0.07937	0.38736
What would you do?	0.0067	<.0001	0.0495	<.0001
C1BHI3	0.31603	0.06260	0.31293	0.10386
Why do you think Alan/Leah said no	<.0001	0.1216	<.0001	0.0101
C1BHI4	0.04521	0.40149	0.06682	0.28811
What would you do?	0.2638	<.0001	0.0984	<.0001
C1BHI5	0.29408	0.03238	0.38460	0.11131
Why do you think John/Lisa bumped you	<.0001	0.4236	<.0001	0.0058
C1BHI6	0.10623	0.32555	0.13975	0.49062
What would you do?	0.0085	<.0001	0.0005	<.0001
C1BHI7	0.29040	0.02842	0.18427	0.10105
Why do you think Carl/Carolyn said no	<.0001	0.4824	<.0001	0.0123
C1BHI8	0.03517	0.50855	-0.00428	0.30655
What would you do?	0.3847	<.0001	0.9158	<.0001
C1BHI9	1.00000	0.13892	0.29048	0.12965
Why didn't other kids answer		0.0006	<.0001	0.0013
C1BHI10	0.13892	1.00000	0.04958	0.33123
What would you do?	0.0006		0.2203	<.0001
C1BHI11	0.29048	0.04958	1.00000	0.13061
Why do you think Brett/Wendy bumped you	<.0001	0.2203		0.0012
C1BHI12	0.12965	0.33123	0.13061	1.00000
What would you do?	0.0013	<.0001	0.0012	
C1BHI13	0.62887	0.06508	0.32698	0.14198
Why didn't other kids answer	<.0001	0.1074	<.0001	0.0004
C1BHI14	0.12815	0.57036	0.07436	0.33128
What would you do?	0.0015	<.0001	0.0658	<.0001
C1BHI15	0.35638	0.08843	0.38891	0.18982
Why do you think he/she bumped you	<.0001	0.0286	<.0001	<.0001
C1BHI16	0.06208	0.30728	0.05806	0.52685
What would you do?	0.1247	<.0001	0.1511	<.0001

HIWC Item Correlation Full Sample Year 1
 Pearson Correlation Coefficients, N = 613
 Prob > |r| under H0: Rho=0

	C1BHI13	C1BHI14	C1BHI15	C1BHI16
C1BHI1	0.27823	-0.00588	0.25908	0.03302
Why do you think Todd/Jessica hit you	<.0001	0.8845	<.0001	0.4145
C1BHI2	0.10497	0.22782	0.16184	0.37314
What would you do?	0.0093	<.0001	<.0001	<.0001
C1BHI3	0.33383	0.06242	0.21141	0.09965
Why do you think Alan/Leah said no	<.0001	0.1226	<.0001	0.0136
C1BHI4	0.05389	0.41258	0.07756	0.34311
What would you do?	0.1827	<.0001	0.0550	<.0001
C1BHI5	0.29434	0.04445	0.42983	0.08429
Why do you think John/Lisa bumped you	<.0001	0.2719	<.0001	0.0370
C1BHI6	0.08505	0.31993	0.17802	0.47338
What would you do?	0.0353	<.0001	<.0001	<.0001
C1BHI7	0.30476	0.05584	0.17896	0.08058
Why do you think Carl/Carolyn said no	<.0001	0.1673	<.0001	0.0461
C1BHI8	0.04187	0.50714	0.06802	0.34053
What would you do?	0.3006	<.0001	0.0925	<.0001
C1BHI9	0.62887	0.12815	0.35638	0.06208
Why didn't other kids answer	<.0001	0.0015	<.0001	0.1247
C1BHI10	0.06508	0.57036	0.08843	0.30728
What would you do?	0.1074	<.0001	0.0286	<.0001
C1BHI11	0.32698	0.07436	0.38891	0.05806
Why do you think Brett/Wendy bumped you	<.0001	0.0658	<.0001	0.1511
C1BHI12	0.14198	0.33128	0.18982	0.52685
What would you do?	0.0004	<.0001	<.0001	<.0001
C1BHI13	1.00000	0.10063	0.37352	0.06527
Why didn't other kids answer		0.0127	<.0001	0.1064
C1BHI14	0.10063	1.00000	0.08914	0.40532
What would you do?	0.0127		0.0273	<.0001
C1BHI15	0.37352	0.08914	1.00000	0.17134
Why do you think he/she bumped you	<.0001	0.0273		<.0001
C1BHI16	0.06527	0.40532	0.17134	1.00000
What would you do?	0.1064	<.0001	<.0001	

HIWC Scale HIC1PHA Correlation Full Sample Year 1
 Pearson Correlation Coefficients, N = 615
 Prob > |r| under H0: Rho=0

	C1BHI1x	C1BHI3x	C1BHI5x	C1BHI7x	C1BHI9x	C1BHI11x	C1BHI13x	C1BHI15x
C1BHI1x	1.00000 <.0001	0.20087 <.0001	0.27281 <.0001	0.21987 <.0001	0.21107 <.0001	0.24925 <.0001	0.25721 <.0001	0.24557 <.0001
C1BHI3x	0.20087 <.0001	1.00000	0.24323 <.0001	0.32967 <.0001	0.25545 <.0001	0.27504 <.0001	0.30997 <.0001	0.20664 <.0001
C1BHI5x	0.27281 <.0001	0.24323 <.0001	1.00000	0.24990 <.0001	0.27043 <.0001	0.35433 <.0001	0.29201 <.0001	0.40304 <.0001
C1BHI7x	0.21987 <.0001	0.32967 <.0001	0.24990 <.0001	1.00000	0.23073 <.0001	0.14078 0.0005	0.24706 <.0001	0.16619 <.0001
C1BHI9x	0.21107 <.0001	0.25545 <.0001	0.27043 <.0001	0.23073 <.0001	1.00000	0.24030 <.0001	0.60465 <.0001	0.36030 <.0001
C1BHI11x	0.24925 <.0001	0.27504 <.0001	0.35433 <.0001	0.14078 0.0005	0.24030 <.0001	1.00000	0.25699 <.0001	0.37360 <.0001
C1BHI13x	0.25721 <.0001	0.30997 <.0001	0.29201 <.0001	0.24706 <.0001	0.60465 <.0001	0.25699 <.0001	1.00000	0.36595 <.0001
C1BHI15x	0.24557 <.0001	0.20664 <.0001	0.40304 <.0001	0.16619 <.0001	0.36030 <.0001	0.37360 <.0001	0.36595 <.0001	1.00000

HIWC Scale HIC1PRP Correlation Full Sample Year 1
 Pearson Correlation Coefficients, N = 614
 Prob > |r| under H0: Rho=0

	C1BHI2x	C1BHI4x	C1BHI6x	C1BHI8x	C1BHI10x	C1BHI12x	C1BHI14x	C1BHI16x
C1BHI2x	1.00000	0.32052 <.0001	0.45927 <.0001	0.35935 <.0001	0.36183 <.0001	0.37515 <.0001	0.28113 <.0001	0.39727 <.0001
C1BHI4x	0.32052 <.0001	1.00000	0.34464 <.0001	0.48394 <.0001	0.43551 <.0001	0.26572 <.0001	0.42192 <.0001	0.33254 <.0001
C1BHI6x	0.45927 <.0001	0.34464 <.0001	1.00000	0.36740 <.0001	0.34063 <.0001	0.48322 <.0001	0.38639 <.0001	0.51458 <.0001
C1BHI8x	0.35935 <.0001	0.48394 <.0001	0.36740 <.0001	1.00000	0.50110 <.0001	0.27396 <.0001	0.50008 <.0001	0.37796 <.0001
C1BHI10x	0.36183 <.0001	0.43551 <.0001	0.34063 <.0001	0.50110 <.0001	1.00000	0.30871 <.0001	0.58088 <.0001	0.33698 <.0001
C1BHI12x	0.37515 <.0001	0.26572 <.0001	0.48322 <.0001	0.27396 <.0001	0.30871 <.0001	1.00000	0.37616 <.0001	0.52215 <.0001
C1BHI14x	0.28113 <.0001	0.42192 <.0001	0.38639 <.0001	0.50008 <.0001	0.58088 <.0001	0.37616 <.0001	1.00000	0.42924 <.0001
C1BHI16x	0.39727 <.0001	0.33254 <.0001	0.51458 <.0001	0.37796 <.0001	0.33698 <.0001	0.52215 <.0001	0.42924 <.0001	1.00000

HIWC Scale HIC1RPS Correlation Full Sample Year 1
 Pearson Correlation Coefficients, N = 614
 Prob > |r| under H0: Rho=0

	C1BHI2	C1BHI4	C1BHI6	C1BHI8	C1BHI10	C1BHI12	C1BHI14	C1BHI16
C1BHI2	1.00000	0.27572 <.0001	0.46728 <.0001	0.29764 <.0001	0.29448 <.0001	0.38872 <.0001	0.22585 <.0001	0.37456 <.0001
C1BHI4	0.27572 <.0001	1.00000	0.34066 <.0001	0.46545 <.0001	0.40460 <.0001	0.29022 <.0001	0.40925 <.0001	0.34510 <.0001
C1BHI6	0.46728 <.0001	0.34066 <.0001	1.00000	0.33322 <.0001	0.32771 <.0001	0.49165 <.0001	0.31800 <.0001	0.47447 <.0001
C1BHI8	0.29764 <.0001	0.46545 <.0001	0.33322 <.0001	1.00000	0.51103 <.0001	0.30856 <.0001	0.50363 <.0001	0.34249 <.0001
C1BHI10	0.29448 <.0001	0.40460 <.0001	0.32771 <.0001	0.51103 <.0001	1.00000	0.33342 <.0001	0.56581 <.0001	0.30964 <.0001
C1BHI12	0.38872 <.0001	0.29022 <.0001	0.49165 <.0001	0.30856 <.0001	0.33342 <.0001	1.00000	0.32930 <.0001	0.52785 <.0001
C1BHI14	0.22585 <.0001	0.40925 <.0001	0.31800 <.0001	0.50363 <.0001	0.56581 <.0001	0.32930 <.0001	1.00000	0.40316 <.0001
C1BHI16	0.37456 <.0001	0.34510 <.0001	0.47447 <.0001	0.34249 <.0001	0.30964 <.0001	0.52785 <.0001	0.40316 <.0001	1.00000

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