Normative Beliefs about Aggression
Grade 5/Year 6
Fast Track Project Technical Report
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March 27, 2003

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Appendix
SAS scoring program

Citations
Instrument
     Huesmann, L.R. and Guerra, N.G. (1997). Children's normative beliefs about aggression and aggressive behavior. *Journal of Personality and Social Psychology, 72,* 408-419.

Reference
     Huesmann, L.R., Guerra, N.G., Miller, L.S., and Zelli, A. (1992). The role of social norms in the development of aggressive behavior. In A. Fraczek and H. Zumkley (Eds.), *Socialization and Aggression* (pps.139-152). New York, Springer.

Reports
     Rains, C. (2003). *Normative Beliefs about Aggression* (Fast Track Project Technical Report). Available: http://www.fasttrackproject.org

     Harnish, J. (1995). *Normative Beliefs about Aggression Scale* (Fast Track Project Technical Report). Nashville, TN: Vanderbilt University.

Data Sources
Raw: C6H

Scored: NBA6

I. Scale Description

Guerra and Huesmann (1992) developed the Normative Beliefs about Aggression measure (NOBAG) as a measure for assessing a child's beliefs about the acceptability of specific aggressive behaviors in specific contexts. The 20 items vary along the dimensions of severity of provocation, severity of response, gender of provoker, and gender of responder. The first eight items are brief scenarios where child A is verbally aggressive ("says something bad") to another child (B); these scenarios vary by the gender of the children involved (same sex and opposite sex). Following each of these scenarios, the interviewer first asks the respondent if it is wrong or okay for B to respond with verbal aggression (screaming) toward A and then asks the respondent if it is wrong or okay for B to respond with physical aggression (hitting).

For example, the first scenario is, "Suppose a boy says something bad to another boy, John."
Item 1 then asks the respondent, "Do you think it's ok for John to scream at him?" Item 2 asks,

"Do you think it's ok for John to hit him?" Items 3 and 4 involve a boy saying something bad to a girl, items 5 and 6 involve two girls, and items 7 and 8 involve a girl saying something bad to a boy. Items 2 through 8 use the same pattern of questioning as with 1 and 2 with one exception: the same sex items begin with the phrase "do you think it's ok?" while items involving children of the opposite sex begin with the phrase "do you think it's wrong?"

For the next four items, 9 through 12, the interviewer presents the respondent with four versions of the same scenario (child A hits child B); the scenarios vary by the gender of the children involved (two same sex, two opposite sex). The interviewer then asks the respondent if it is wrong to hit the child of the same sex or if it is okay to hit the child of the opposite sex.

The last eight items do not include any scenarios describing a provocative action and instead ask the respondent how wrong or okay it is to act physically or verbally aggressive in general. No gender is specified.

Ten of the 20 statements/questions are read with the reverse statement "it is wrong," while the other 10 statements/questions are read with the statement "it is okay."

II.   Report Sample

These exploratory analyses were conducted on the first cohort on the high-risk control sample (N = 155) and the normative sample (N = 387, 463 with overlap) from the sixth year of the study. 69 records were missing the complete measure. 21 records were missing from the control sample (4 from Durham, 3 from Nashville, 7 from Pennsylvania, and 7 from Washington) and 59 records were missing from the normative sample (6 from Durham, 13 from Nashville, 20 from Pennsylvania, and 20 from Washington). These numbers may reflect some overlap between the two samples.

III.   Scaling

The Normative Beliefs about Aggression measure is first scored by rescoring each item in order to correspond with the scoring system used by Guerra and Huesmann. The rescoring occurs as follows:

Original Score
0 = Perfectly OK
1 = Sort of OK
2 = Sort of Wrong
3 = Really Wrong

New Score
4 = Perfectly OK
3 = Sort of OK
2 = Sort of Wrong
1 = Really Wrong

The ten items whose wording includes "it is wrong" are reverse-scored in the measure itself, still using the same scale so that 1 = Really Wrong and 4 = Perfectly OK. These items are 3, 4, 7, 8, 9, 11-13, and 17-19.

Seven derived subscales (some with overlapping items) are created by calculating the mean of the items included in the subscale. The subscales are as follows:

Subscales	Items	Description
NBA6TAM	1-20	Total Approval of Aggression
NBA6GAM	13-20	General Approval of Aggression
NBA6APR	1-12	Approval of Retaliation
NBA6ARW	1-8	Approval of Retaliation, Weak Provocation
NBA6ARS	9-12	Approval of Retaliation, Strong Provocation
NBA6ARM	1-4, 9, 10	Approval of Retaliation Against Males
NBA6ARF	5-8, 11, 12	Approval of Retaliation Against Females

For each subscale, means range from 1 to 4, with higher means indicating greater endorsement of the acceptability of aggression.

In addition to these subscales, logarithmic transformations are calculated for each subscale to help deal with skewness. The new logarithmic transformation variables are as follows:

Original Subscale Variable	Logarithmic Subscale	Description
NBA6TAM	NBA6TAL	Total Approval of Aggression LOG
NBA6GAM	NBA6GAL	General Approval of Aggression LOG
NBA6APR	NBA6ARL	Approval of Retaliation LOG
NBA6ARW	NBA6AWL	Approval of Retaliation, Weak Provocation LOG
NBA6ARS	NBA6ASL	Approval of Retaliation, Strong Provocation LOG
NBA6ARM	NBA6AML	Approval of Retaliation Against Males LOG
NBA6ARF	NBA6AFL	Approval of Retaliation Against Females LOG

Cronbach's alphas were calculated for each subscale and are reported as follows:

Subscales	Control Sample	Normative Sample
NBA6TAM	.89	.89
NBA6GAM	.77	.81
NBA6APR	.88	.88
NBA6ARW	.82	.83
NBA6ARS	.79	.84
NBA6ARM	.81	.80
NBA6ARF	.80	.79

All of the subscales showed a high level of internal consistency for both the control and the normative samples.

IV.   Differences between Groups

A series of t-tests between the high-risk control sample and the normative sample (including the overlap) indicated no significant differences for any of the subscales. The t-tests also indicated no significant differences for any of the logarithmic subscales as well.

Normative Beliefs about Aggression--Subscales
The TTEST Procedure

Variable	Normative Sample		Control Sample		DF	t Value	Pr > |t|
	Mean	Std Dev	Mean	Std Dev			
Total Approval of Aggression (NBA4TAM)	1.50	0.41	1.56	0.47	392	1.47	0.1411
General Approval of Aggression (NBA6GAM)	1.23	0.34	1.29	0.37	392	1.51	0.1320
Approval of Retaliation (NBA6APR)	1.67	0.53	1.75	0.60	391	1.29	0.1987
Approval of Retaliation, Weak Provocation (NBA6ARW)	1.61	0.49	1.67	0.57	391	1.16	0.2455
Approval of Retaliation, Strong Provocation (NBA6ARS)	1.80	0.82	1.90	0.81	392	1.14	0.2570
Approval of Retaliation Against Males (NBA6ARM)	1.79	0.63	1.89	0.71	392	1.45	0.1480
Approval of Retaliation Against Females (NBA6ARF)	1.55	0.51	1.60	0.59	391	0.83	0.4099
Total Approval of Aggression LOG (NAB5TAL)	0.37	0.26	0.41	0.28	392	1.33	0.1836
General Approval of Aggression LOG (NBA6GAL)	0.18	0.22	0.22	0.25	392	1.58	0.1155
Approval of Retaliation LOG (NBA6ARL)	0.47	0.31	0.50	0.33	391	1.14	0.2545
Approval of Retaliation, Weak Provocation LOG (NBA6AWL)	0.43	0.30	0.46	0.33	391	0.91	0.3636
Approval of Retaliation, Strong Provocation LOG (NBA6ASL)	0.49	0.44	0.55	0.42	392	1.34	0.1814
Approval of Retaliation Against Males LOG (NBA6AML)	0.52	0.35	0.57	0.37	392	1.27	0.2048
Approval of Retaliation Against Females LOG (NBA6AFL)	0.39	0.30	0.42	0.32	391	0.66	0.5105

V. Recommendations for Use

Analysts should note that four of the subscales showed a fairly normal distribution for both the normative and control samples. These subscales were *Approval of Retaliation, Approval of Retaliation with a Weak Provocation, Approval of Retaliation with a Strong Provocation, and Approval of Retaliation against Males.* Both the normative and the control samples were positively skewed for the *Total Approval of Aggression, General Approval of Aggression,* and *Approval of Retaliation against Females.*

One subscale, *General Approval of Aggression*, indicated floor effects for both the normative and the control samples. 85% of the normative sample and 81% of the control sample had responses score between 1.0 and 1.5 (4.0 was the highest possible score). Another subscale, *Approval of Retaliation against Females*, indicated a floor effect for the control sample only, with 87% scoring between 1.0 and 2.0 (4.0 was the highest possible score).

In addition, analysts should note that six of the logarithmic subscales were normally distributed for both the normative and control samples. Only one subscale, *General Approval of Aggression LOG*, was positively skewed for both samples.

VI. Item and Subscale Means and SDs

Normative Beliefs about Aggression Items Year 6 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C6H1r	OK for John to scream?	328	1.9451220	0.8830933	1.0000000	4.0000000
C6H2r	OK for John to hit?	327	1.2507645	0.5237820	1.0000000	4.0000000
C6H3r	Wrong for girl to scream?	328	2.2378049	0.9759356	1.0000000	4.0000000
C6H4r	Wrong for girl to hit?	327	1.4403670	0.7804890	1.0000000	4.0000000
C6H5r	OK for Mary to scream?	327	1.9449541	0.8704578	1.0000000	4.0000000
C6H6r	OK for Mary to hit?	327	1.2660550	0.5698273	1.0000000	4.0000000
C6H7r	Wrong for boy to scream?	327	1.7308869	0.8145872	1.0000000	4.0000000
C6H8r	Wrong for boy to hit?	326	1.1288344	0.4526468	1.0000000	4.0000000
C6H9r	Wrong for John to hit back?	328	1.8323171	0.9981289	1.0000000	4.0000000
C6H10r	OK for girl to hit back?	327	2.1406728	1.1716606	1.0000000	4.0000000
C6H11r	Wrong for Mary to hit her back?	327	1.8256881	0.9893051	1.0000000	4.0000000
C6H12r	Wrong for boy to hit her back?	328	1.4786585	0.8086887	1.0000000	4.0000000
C6H13r	Wrong to hit other people?	328	1.2530488	0.5418198	1.0000000	4.0000000
C6H14r	OK to say mean things when angry?	328	1.4390244	0.6835339	1.0000000	4.0000000
C6H15r	OK to yell at others?	328	1.2957317	0.5648036	1.0000000	4.0000000
C6H16r	OK to push or shove other people?	327	1.2048930	0.5114402	1.0000000	4.0000000
C6H17r	Wrong to insult other people?	327	1.2354740	0.5221137	1.0000000	4.0000000
C6H18r	Wrong to take it out on others?	328	1.2012195	0.4843720	1.0000000	4.0000000
C6H19r	Wrong to get in physical fights?	328	1.1981707	0.5071926	1.0000000	4.0000000
C6H20r	OK to use physical force?	328	1.1432927	0.4701007	1.0000000	4.0000000

Normative Beliefs about Aggression Log Subscales Year 6 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
NBA6TAL	NOBAG Total Approval of Aggression LOG	328	0.3769161	0.2614387	0	1.2237754
NBA6GAL	NOBAG General Approval of Aggression LOG	328	0.1896370	0.2353625	0	1.2527630
NBA6ARL	NOBAG Approval of Retaliate LOG	327	0.4721032	0.3125689	0	1.3437347
NBA6AWL	NOBAG Approval Retaliate Weak Provocation LOG	327	0.4344840	0.3039541	0	1.3217558
NBA6ASL	NOBAG Approval Retaliate Strong Provocation LOG	328	0.5022466	0.4360742	0	1.3862944
NBA6AML	NOBAG Approval Retaliate vs. Males LOG	328	0.5320736	0.3482702	0	1.2992830
NBA6AFL	NOBAG Approval Retaliate vs. Females LOG	327	0.3961865	0.3089390	0	1.3862944

Normative Beliefs about Aggression Subscales Year 6 Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
NBA6TAM	NOBAG Total Approval of Aggression	328	1.5104300	0.4249916	1.0000000	3.4000000
NBA6GAM	NOBAG General Approval of Aggression	328	1.2468242	0.3542667	1.0000000	3.5000000
NBA6APR	NOBAG Approval of Retaliation	327	1.6850385	0.5496526	1.0000000	3.8333333
NBA6ARW	NOBAG Approval Retaliate Weak Provocation	327	1.6183377	0.5129364	1.0000000	3.7500000
NBA6ARS	NOBAG Approval Retaliate Strong Provocation	328	1.8193598	0.8195053	1.0000000	4.0000000
NBA6ARM	NOBAG Approval Retaliate vs. Males	328	1.8094512	0.6453173	1.0000000	3.6666667
NBA6ARF	NOBAG Approval Retaliate vs. Females	327	1.5632008	0.5389165	1.0000000	4.0000000

Normative Beliefs about Aggression Items Year 6 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C6H1r	OK for John to scream?	134	2.0074627	0.9999719	1.0000000	4.0000000
C6H2r	OK for John to hit?	134	1.2910448	0.6351203	1.0000000	4.0000000
C6H3r	Wrong for girl to scream?	134	2.2761194	1.0576736	1.0000000	4.0000000
C6H4r	Wrong for girl to hit?	134	1.5746269	0.9607083	1.0000000	4.0000000
C6H5r	OK for Mary to scream?	134	2.1194030	1.0040877	1.0000000	4.0000000
C6H6r	OK for Mary to hit?	134	1.3358209	0.7248959	1.0000000	4.0000000
C6H7r	Wrong for boy to scream?	134	1.6492537	0.8606473	1.0000000	4.0000000
C6H8r	Wrong for boy to hit?	134	1.1343284	0.5172374	1.0000000	4.0000000
C6H9r	Wrong for John to hit back?	134	1.9477612	1.0712733	1.0000000	4.0000000
C6H10r	OK for girl to hit back?	134	2.2611940	1.1884729	1.0000000	4.0000000
C6H11r	Wrong for Mary to hit her back?	134	1.9402985	1.0315416	1.0000000	4.0000000
C6H12r	Wrong for boy to hit her back?	134	1.4328358	0.7603695	1.0000000	4.0000000
C6H13r	Wrong to hit other people?	134	1.3507463	0.6855925	1.0000000	4.0000000
C6H14r	OK to say mean things when angry?	134	1.4104478	0.6627884	1.0000000	4.0000000
C6H15r	OK to yell at others?	134	1.2611940	0.5192404	1.0000000	4.0000000
C6H16r	OK to push or shove other people?	134	1.2686567	0.5901979	1.0000000	4.0000000
C6H17r	Wrong to insult other people?	134	1.2985075	0.6135053	1.0000000	4.0000000
C6H18r	Wrong to take it out on others?	134	1.2388060	0.6029889	1.0000000	4.0000000
C6H19r	Wrong to get in physical fights?	134	1.2835821	0.5958748	1.0000000	4.0000000
C6H20r	OK to use physical force?	134	1.1791045	0.4395956	1.0000000	3.0000000

Normative Beliefs about Aggression Log Subscales Year 6 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
NBA6TAL	NOBAG Total Approval of Aggression LOG	134	0.4063959	0.2800316	0	1.1631508
NBA6GAL	NOBAG General Approval of Aggression LOG	134	0.2183400	0.2490746	0	1.0986123
NBA6ARL	NOBAG Approval of Retaliate LOG	134	0.5035229	0.3285232	0	1.3437347
NBA6AWL	NOBAG Approval Retaliate Weak Provocation LOG	134	0.4605331	0.3276304	0	1.3217558
NBA6ASL	NOBAG Approval Retaliate Strong Provocation LOG	134	0.5504760	0.4246738	0	1.3862944
NBA6AML	NOBAG Approval Retaliate vs. Males LOG	134	0.5702544	0.3688629	0	1.2992830
NBA6AFL	NOBAG Approval Retaliate vs. Females LOG	134	0.4156187	0.3223359	0	1.3862944

Normative Beliefs about Aggression Subscales Year 6 Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
NBA6TAM	NOBAG Total Approval of Aggression	134	1.5630597	0.4653776	1.0000000	3.2000000
NBA6GAM	NOBAG General Approval of Aggression	134	1.2863806	0.3665478	1.0000000	3.0000000
NBA6APR	NOBAG Approval of Retaliation	134	1.7475124	0.6005724	1.0000000	3.8333333
NBA6ARW	NOBAG Approval Retaliate Weak Provocation	134	1.6735075	0.5741352	1.0000000	3.7500000
NBA6ARS	NOBAG Approval Retaliate Strong Provocation	134	1.8955224	0.8060500	1.0000000	4.0000000
NBA6ARM	NOBAG Approval Retaliate vs. Males	134	1.8930348	0.7139858	1.0000000	3.6666667
NBA6ARF	NOBAG Approval Retaliate vs. Females	134	1.6019900	0.5933742	1.0000000	4.0000000

VII.   Item and Scale Correlations

Normative Beliefs about Aggression Items Year 6 Report Sample

Pearson Correlation Coefficients, N = 391 **Prob > |r| under H0: Rho=0**											
	C6H1r	**C6H2r**	**C6H3r**	**C6H4r**	**C6H5r**	**C6H6r**	**C6H7r**	**C6H8r**	**C6H9r**	**C6H10r**	**C6H11r**
C6H1r **OK for John to scream?**	1.00000	0.43405 <.0001	0.57949 <.0001	0.35077 <.0001	0.66987 <.0001	0.36221 <.0001	0.42527 <.0001	0.17020 0.0007	0.36655 <.0001	0.38067 <.0001	0.39998 <.0001
C6H2r **OK for John to hit?**	0.43405 <.0001	1.00000	0.15728 0.0018	0.30402 <.0001	0.29859 <.0001	0.41218 <.0001	0.23913 <.0001	0.37555 <.0001	0.37986 <.0001	0.30895 <.0001	0.36912 <.0001
C6H3r **Wrong for girl to scream?**	0.57949 <.0001	0.15728 0.0018	1.00000	0.43578 <.0001	0.58816 <.0001	0.34969 <.0001	0.37897 <.0001	0.14113 0.0052	0.34679 <.0001	0.47524 <.0001	0.36671 <.0001
C6H4r **Wrong for girl to hit?**	0.35077 <.0001	0.30402 <.0001	0.43578 <.0001	1.00000	0.29750 <.0001	0.49179 <.0001	0.17920 0.0004	0.35821 <.0001	0.41670 <.0001	0.48333 <.0001	0.40289 <.0001
C6H5r **OK for Mary to scream?**	0.66987 <.0001	0.29859 <.0001	0.58816 <.0001	0.29750 <.0001	1.00000	0.47648 <.0001	0.54447 <.0001	0.26654 <.0001	0.34146 <.0001	0.35706 <.0001	0.40343 <.0001
C6H6r **OK for Mary to hit?**	0.36221 <.0001	0.41218 <.0001	0.34969 <.0001	0.49179 <.0001	0.47648 <.0001	1.00000	0.28520 <.0001	0.44356 <.0001	0.44469 <.0001	0.38329 <.0001	0.45832 <.0001
C6H7r **Wrong for boy to scream?**	0.42527 <.0001	0.23913 <.0001	0.37897 <.0001	0.17920 0.0004	0.54447 <.0001	0.28520 <.0001	1.00000	0.44254 <.0001	0.24712 <.0001	0.14614 0.0038	0.27827 <.0001
C6H8r **Wrong for boy to hit?**	0.17020 0.0007	0.37555 <.0001	0.14113 0.0052	0.35821 <.0001	0.26654 <.0001	0.44356 <.0001	0.44254 <.0001	1.00000	0.28657 <.0001	0.16325 0.0012	0.30094 <.0001
C6H9r **Wrong for John to hit back?**	0.36655 <.0001	0.37986 <.0001	0.34679 <.0001	0.41670 <.0001	0.34146 <.0001	0.44469 <.0001	0.24712 <.0001	0.28657 <.0001	1.00000	0.62722 <.0001	0.69024 <.0001
C6H10r **OK for girl to hit back?**	0.38067 <.0001	0.30895 <.0001	0.47524 <.0001	0.48333 <.0001	0.35706 <.0001	0.38329 <.0001	0.14614 0.0038	0.16325 0.0012	0.62722 <.0001	1.00000	0.68177 <.0001
C6H11r **Wrong for Mary to hit her back?**	0.39998 <.0001	0.36912 <.0001	0.36671 <.0001	0.40289 <.0001	0.40343 <.0001	0.45832 <.0001	0.27827 <.0001	0.30094 <.0001	0.69024 <.0001	0.68177 <.0001	1.00000
C6H12r **Wrong for boy to hit her back?**	0.27331 <.0001	0.27648 <.0001	0.15348 0.0023	0.18639 0.0002	0.31044 <.0001	0.30118 <.0001	0.39750 <.0001	0.42647 <.0001	0.43475 <.0001	0.32511 <.0001	0.53038 <.0001
C6H13r **Wrong to hit other people?**	0.33043 <.0001	0.27262 <.0001	0.27196 <.0001	0.27570 <.0001	0.30567 <.0001	0.29824 <.0001	0.11311 0.0253	0.22228 <.0001	0.39642 <.0001	0.32593 <.0001	0.30762 <.0001
C6H14r **OK to say mean things when angry?**	0.24136 <.0001	0.13075 0.0096	0.21922 <.0001	0.17646 0.0005	0.27138 <.0001	0.27157 <.0001	0.14564 0.0039	0.18033 0.0003	0.21647 <.0001	0.15453 0.0022	0.21890 <.0001
C6H15r **OK to yell at others?**	0.23240 <.0001	0.15193 0.0026	0.31811 <.0001	0.30551 <.0001	0.34804 <.0001	0.38395 <.0001	0.20033 <.0001	0.24440 <.0001	0.21751 <.0001	0.22033 <.0001	0.29299 <.0001
C6H16r **OK to push or shove other people?**	0.20200 <.0001	0.26131 <.0001	0.19463 0.0001	0.22360 <.0001	0.27129 <.0001	0.41224 <.0001	0.15894 0.0016	0.26973 <.0001	0.25741 <.0001	0.24532 <.0001	0.25634 <.0001
C6H17r **Wrong to insult other people?**	0.18563 0.0002	0.16985 0.0007	0.21499 <.0001	0.34620 <.0001	0.21242 <.0001	0.40605 <.0001	0.19119 0.0001	0.28425 <.0001	0.32178 <.0001	0.22659 <.0001	0.23112 <.0001
C6H18r **Wrong to take it out on others?**	0.10657 0.0352	0.20814 <.0001	0.17447 0.0005	0.30293 <.0001	0.21908 <.0001	0.37019 <.0001	0.15003 0.0029	0.19088 0.0001	0.27449 <.0001	0.22298 <.0001	0.24877 <.0001
C6H19r **Wrong to get in physical fights?**	0.22244 <.0001	0.37798 <.0001	0.21442 <.0001	0.30293 <.0001	0.29723 <.0001	0.35360 <.0001	0.15613 0.0020	0.40352 <.0001	0.32840 <.0001	0.26557 <.0001	0.28385 <.0001
C6H20r **OK to use physical force?**	0.13087 0.0096	0.23279 <.0001	0.20868 <.0001	0.19277 0.0001	0.26612 <.0001	0.38050 <.0001	0.20962 <.0001	0.33599 <.0001	0.25855 <.0001	0.18042 0.0003	0.21115 <.0001

	C6H12r	**C6H13r**	**C6H14r**	**C6H15r**	**C6H16r**	**C6H17r**	**C6H18r**	**C6H19r**	**C6H20r**
				Pearson Correlation Coefficients, N = 391					
				Prob > |r| under H0: Rho=0					
C6H1r OK for John to scream?	0.27331 <.0001	0.33043 <.0001	0.24136 <.0001	0.23240 <.0001	0.20200 <.0001	0.18563 0.0002	0.10657 0.0352	0.22244 <.0001	0.13087 0.0096
C6H2r OK for John to hit?	0.27648 <.0001	0.27262 <.0001	0.13075 0.0096	0.15193 0.0026	0.26131 <.0001	0.16985 0.0007	0.20814 <.0001	0.37798 <.0001	0.23279 <.0001
C6H3r Wrong for girl to scream?	0.15348 0.0023	0.27196 <.0001	0.21922 <.0001	0.31811 <.0001	0.19463 0.0001	0.21499 <.0001	0.17447 0.0005	0.21442 <.0001	0.20868 <.0001
C6H4r Wrong for girl to hit?	0.18639 0.0002	0.27570 <.0001	0.17646 0.0005	0.30551 <.0001	0.22360 <.0001	0.34620 <.0001	0.30293 <.0001	0.30293 <.0001	0.19277 0.0001
C6H5r OK for Mary to scream?	0.31044 <.0001	0.30567 <.0001	0.27138 <.0001	0.34804 <.0001	0.27129 <.0001	0.21242 <.0001	0.21908 <.0001	0.29723 <.0001	0.26612 <.0001
C6H6r OK for Mary to hit?	0.30118 <.0001	0.29824 <.0001	0.27157 <.0001	0.38395 <.0001	0.41224 <.0001	0.40605 <.0001	0.37019 <.0001	0.35360 <.0001	0.38050 <.0001
C6H7r Wrong for boy to scream?	0.39750 <.0001	0.11311 0.0253	0.14564 0.0039	0.20033 <.0001	0.15894 0.0016	0.19119 0.0001	0.15003 0.0029	0.15613 0.0020	0.20962 <.0001
C6H8r Wrong for boy to hit?	0.42647 <.0001	0.22228 <.0001	0.18033 0.0003	0.24440 <.0001	0.26973 <.0001	0.28425 <.0001	0.19088 0.0001	0.40352 <.0001	0.33599 <.0001
C6H9r Wrong for John to hit back?	0.43475 <.0001	0.39642 <.0001	0.21647 <.0001	0.21751 <.0001	0.25741 <.0001	0.32178 <.0001	0.27449 <.0001	0.32840 <.0001	0.25855 <.0001
C6H10r OK for girl to hit back?	0.32511 <.0001	0.32593 <.0001	0.15453 0.0022	0.22033 <.0001	0.24532 <.0001	0.22659 <.0001	0.22298 <.0001	0.26557 <.0001	0.18042 0.0003
C6H11r Wrong for Mary to hit her back?	0.53038 <.0001	0.30762 <.0001	0.21890 <.0001	0.29299 <.0001	0.25634 <.0001	0.23112 <.0001	0.24877 <.0001	0.28385 <.0001	0.21115 <.0001
C6H12r Wrong for boy to hit her back?	1.00000	0.25218 <.0001	0.18744 0.0002	0.16226 0.0013	0.19186 0.0001	0.25702 <.0001	0.18078 0.0003	0.23786 <.0001	0.27228 <.0001
C6H13r Wrong to hit other people?	0.25218 <.0001	1.00000	0.26848 <.0001	0.21037 <.0001	0.25198 <.0001	0.30759 <.0001	0.16260 0.0013	0.38747 <.0001	0.30279 <.0001
C6H14r OK to say mean things when angry?	0.18744 0.0002	0.26848 <.0001	1.00000	0.40668 <.0001	0.38454 <.0001	0.39094 <.0001	0.26917 <.0001	0.21123 <.0001	0.40090 <.0001
C6H15r OK to yell at others?	0.16226 0.0013	0.21037 <.0001	0.40668 <.0001	1.00000	0.40963 <.0001	0.33381 <.0001	0.31637 <.0001	0.26060 <.0001	0.32598 <.0001
C6H16r OK to push or shove other people?	0.19186 0.0001	0.25198 <.0001	0.38454 <.0001	0.40963 <.0001	1.00000	0.28573 <.0001	0.30552 <.0001	0.40403 <.0001	0.43863 <.0001
C6H17r Wrong to insult other people?	0.25702 <.0001	0.30759 <.0001	0.39094 <.0001	0.33381 <.0001	0.28573 <.0001	1.00000	0.44642 <.0001	0.33321 <.0001	0.47359 <.0001
C6H18r Wrong to take it out on others?	0.18078 0.0003	0.16260 0.0013	0.26917 <.0001	0.31637 <.0001	0.30552 <.0001	0.44642 <.0001	1.00000	0.23694 <.0001	0.35015 <.0001
C6H19r Wrong to get in physical fights?	0.23786 <.0001	0.38747 <.0001	0.21123 <.0001	0.26060 <.0001	0.40403 <.0001	0.33321 <.0001	0.23694 <.0001	1.00000	0.48067 <.0001
C6H20r OK to use physical force?	0.27228 <.0001	0.30279 <.0001	0.40090 <.0001	0.32598 <.0001	0.43863 <.0001	0.47359 <.0001	0.35015 <.0001	0.48067 <.0001	1.00000

Normative Beliefs about Aggression Log Subscales Year 6 Report Sample

	Pearson Correlation Coefficients **Prob > |r| under H0: Rho=0** **Number of Observations**						
	NBA6TAL	**NBA6GAL**	**NBA6ARL**	**NBA6AWL**	**NBA6ASL**	**NBA6AML**	**NBA6AFL**
NBA6TAL **NOBAG Total Approval of Aggression LOG**	1.00000 394	0.74162 <.0001 394	0.97098 <.0001 393	0.89386 <.0001 393	0.83427 <.0001 394	0.92896 <.0001 394	0.89554 <.0001 393
NBA6GAL **NOBAG General Approval of Aggression LOG**	0.74162 <.0001 394	1.00000 394	0.56153 <.0001 393	0.53520 <.0001 393	0.47066 <.0001 394	0.53168 <.0001 394	0.53292 <.0001 393
NBA6ARL **NOBAG Approval of Retaliate LOG**	0.97098 <.0001 393	0.56153 <.0001 393	1.00000 393	0.91542 <.0001 393	0.86182 <.0001 393	0.96127 <.0001 393	0.91453 <.0001 393
NBA6AWL **NOBAG Approval Retaliate Weak Provocation LOG**	0.89386 <.0001 393	0.53520 <.0001 393	0.91542 <.0001 393	1.00000 393	0.59194 <.0001 393	0.86932 <.0001 393	0.85080 <.0001 393
NBA6ASL **NOBAG Approval Retaliate Strong Provocation LOG**	0.83427 <.0001 394	0.47066 <.0001 394	0.86182 <.0001 393	0.59194 <.0001 393	1.00000 394	0.84333 <.0001 394	0.76713 <.0001 393
NBA6AML **NOBAG Approval Retaliate vs. Males LOG**	0.92896 <.0001 394	0.53168 <.0001 394	0.96127 <.0001 393	0.86932 <.0001 393	0.84333 <.0001 394	1.00000 394	0.76929 <.0001 393
NBA6AFL **NOBAG Approval Retaliate vs. Females LOG**	0.89554 <.0001 393	0.53292 <.0001 393	0.91453 <.0001 393	0.85080 <.0001 393	0.76713 <.0001 393	0.76929 <.0001 393	1.00000 393

Normative Beliefs about Aggression Subscales Year 6 Report Sample

	NBA6TAM	NBA6GAM	NBA6APR	NBA6ARW	NBA6ARS	NBA6ARM	NBA6ARF
Pearson Correlation Coefficients **Prob > |r| under H0: Rho=0** **Number of Observations**							
NBA6TAM **NOBAG Total Approval of Aggression**	1.00000 394	0.76907 <.0001 394	0.96400 <.0001 393	0.89619 <.0001 393	0.82690 <.0001 394	0.90186 <.0001 394	0.88756 <.0001 393
NBA6GAM **NOBAG General Approval of Aggression**	0.76907 <.0001 394	1.00000 394	0.57041 <.0001 393	0.54898 <.0001 393	0.46487 <.0001 394	0.51820 <.0001 394	0.54703 <.0001 393
NBA6APR **NOBAG Approval of Retaliation**	0.96400 <.0001 393	0.57041 <.0001 393	1.00000 393	0.92197 <.0001 393	0.86852 <.0001 393	0.94252 <.0001 393	0.91169 <.0001 393
NBA6ARW **NOBAG Approval Retaliate Weak Provocation**	0.89619 <.0001 393	0.54898 <.0001 393	0.92197 <.0001 393	1.00000 393	0.60880 <.0001 393	0.85795 <.0001 393	0.85408 <.0001 393
NBA6ARS **NOBAG Approval Retaliate Strong Provocation**	0.82690 <.0001 394	0.46487 <.0001 394	0.86852 <.0001 393	0.60880 <.0001 393	1.00000 394	0.83155 <.0001 394	0.77456 <.0001 393
NBA6ARM **NOBAG Approval Retaliate vs. Males**	0.90186 <.0001 394	0.51820 <.0001 394	0.94252 <.0001 393	0.85795 <.0001 393	0.83155 <.0001 394	1.00000 394	0.72199 <.0001 393
NBA6ARF **NOBAG Approval Retaliate vs. Females**	0.88756 <.0001 393	0.54703 <.0001 393	0.91169 <.0001 393	0.85408 <.0001 393	0.77456 <.0001 393	0.72199 <.0001 393	1.00000 393