

## **Interview on Emotional Experience—Grade 3+**

Grade 3/Year 4

Fast Track Project Technical Report

Cynthia Rains

September 23, 2005

### **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 SDs
- VII. Subscale Correlations

### **Appendix**

SAS scoring program

### **Citations**

#### *Instrument*

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

#### *Reports*

Rains, C. (2003). *Interview on Emotional Experience*. (Fast Track Project Technical Report). Available from the Fast Track Project web site: <http://www.fasttrackproject.org>

Haynes, K. (1996). *Interview on Emotional Experience*. (Fast Track Project Technical Report). Nashville, TN: Vanderbilt University.

Haynes, K. (1995). *Interview on Emotional Experience*. (Fast Track Project Technical Report). Nashville, TN: Vanderbilt University.

### **Data Sources**

*Raw:* C4J

*Scored:* IER4

### **I. Scale Description**

The Interview on Emotional Experience is a measure given to children as part of the summer interview for the first four years of the study. The measure focuses on four emotions—happiness, sadness, anger, and worry. For each emotion, the child is asked several questions about the emotion and the interviewer then codes the child's responses.

The first question the child is asked for each emotion is, "What kinds of things make you feel ... (happy, sad, angry, worried)?" The interviewer prompts the child for two examples/responses for this question and then codes each response as appropriate, inappropriate, or as no response. The second question the child is asked for each emotion is, "When you are feeling ... (happy, sad, angry, worried), what kinds of things do you do?" The interviewer prompts the child for two responses for this question and then codes each response as one of the following: no response (0), physically aggressive (1), verbally aggressive (2), avoidant/passive (3), affective display (4), communication with adult (5), communication with peer (6), self-control (7), prosocial (8), or doing things/other (9). Then, for the emotions sad, angry, and worry, the child is asked, "If you saw another kid in your class looking ... (sad, angry, worried), what

would you do?" Again the interviewer prompts the child for two responses and then codes the responses using the same scale (0-9) as for the second question.

In year 4, the measure was modified to add a few more questions while the basic structure stayed the same. In addition to the questions already asked, participants were asked five more questions for each emotion:

When you're feeling...(emotion), how often do you:

- a) show your (emotion) on your face or body?
- b) tell someone how (emotion) you are?
- c) say (nice, mean) things for other people/feel so (sad, worried) that you can't do anything?
- d) do (nice, mean) things for other people/try to control yourself or calm down?

How often do you feel ...(emotion) when you are with other kids in school?

Three other questions are asked for sadness, anger, and worry. These are:

When you're feeling...(emotion), how often do you:

- e) forget about it?
- f) want to be by yourself?
- g) want to be with other people? (asked only for anger and worry)

Finally, one additional question, "when you're feeling angry, how often do you try to control yourself or calm down?" was asked in the section about anger.

All of these new questions for the year 4 measure use the same scale: Never/hardly ever (1), sometimes (2), a lot of the time (3), and almost all of the time (4).

## **II. Report Sample**

These analyses were conducted on the first cohort on the high-risk control sample (n = 155) and the normative sample (n = 387 with overlap, total N = 463) from the fourth year of the study. Fifty-six records were missing the complete measure. Seventeen records were missing from the high-risk control sample (5 from Durham, 1 from Nashville, 3 from Pennsylvania, and 8 from Washington) and 47 records were missing from the normative sample (9 from Durham, 11 from Nashville, 11 from Pennsylvania, and 16 from Washington). These numbers may reflect some overlap between the two samples.

## **III. Scaling**

There are numerous ways that the IEE can be analyzed, including conducting separate analyses on each question, or by each emotion. Because of the high number of "no responses" to the second request/prompt for each question, it is recommended that the first response to each question be considered in the analyses of this instrument.

A number of scores and several scales are calculated as part of the IEE. The original response coding (0-9) for each item was transformed into a set of 10 dichotomous variables. First, a score is computed for each child in each of the response categories across the second and third questions by summing the number of times a child had a response for a category, resulting in 10 scores for the child (no response, physically aggressive, verbally aggressive, avoidant/passive, affective display, communication with adult, communication with peer, self-control, prosocial, or doing things/other). The child's score for each of these categories ranges from 0 to 7, with 0 being a low score (indicating that no response fit the category) and 7 being a high score (indicating that all of the child's responses fit the category), since only the first response to each question is included in the scoring program (this would then include the second question about happiness and the second and third questions about sadness, anger, and worry). A score of zero for one of these categories would indicate that the child gave responses that did not fit into that category (for example, the child might not have used any responses indicating the use of verbal

aggression), while a score of 7 would indicate that the child used a particular type of response often (for example, the child might have used responses that showed communication with their peers when dealing with all of their emotions).

In addition, an *Appropriateness Score* is calculated by summing the number of times a child described an appropriate response for the emotion for the first question, “What kinds of things make you feel...?” This score can range from 0 to 4 since only the first response for each emotion was included in the scoring program. A standardized *Appropriateness Score* was also created because the standard deviation among the four items that make up the scale showed great variation for both the high-risk sample and the normative sample. Even with the standardization of the score, there was still some variation among the standard deviation of these items because the standardization was done on the full sample, and the variances differed somewhat by high-risk status. To create the standardized score, the items were first standardized with a mean of zero and a standard deviation of one, and then the mean was calculated as the score.

As there was almost no variation on the score for Happy (over 95% of the responses were correct), a second Appropriateness Score, *Appropriateness Score without the Happiness Item*, was created to include only responses for angry, sad, and worried. This score can range from 0 to 3. A standardized score was also created for this scale.

Several scales are created by summing together two of the category scores and taking their mean. The scales include the *Aggression Scale* (Physical Aggression Score + Verbal Aggression Score), the *Communication Scale* (Communication with Adults Score + Communication with Peers Score), and the *Positive Response Scale* (Prosocial Score + Self-Control Score). These three scales have a range of 0 to 7.

Finally, nine new scales are added in Year 4 due to the addition of the new variables in the year 4 version of the measure. These new scales are created by taking the mean of the variables in the scale. The following table describes these new scales:

Scale Name	Description
<b>Physical Display of Emotion (IER4PDE)</b>	When feeling (sad, angry, worried), how often do you show the emotion on your face or body?
<b>Discuss Emotions with Someone (IER4DES)</b>	When feeling (sad, angry, worried), how often do you tell someone how (emotion) you are?
<b>Feel Strong Emotion (IER4FSE)</b>	When feeling (sad or worried), how often do you feel so (emotion) that you can't do anything?
<b>Use Self Control (IER4USC)</b>	When feeling (sad, angry, worried), how often do you try to control yourself and calm down?
<b>Forget Emotion (IER4FEM)</b>	When feeling (sad, angry, worried), how often do you forget about it?
<b>Be By Self (IER4BBS)</b>	When feeling (sad, angry, worried), how often do you want to be by yourself?
<b>Be With Others (IER4BWO)</b>	When feeling (sad, angry, worried), how often do you want to be with other people?
<b>Feel Emotion around Other Kids (IER4FEK)</b>	How often do you feel (sad, angry, worried) when you are with other kids at school?
<b>Say/Do Mean Things (IER4SMT)</b>	When you're feeling angry, how often do you say/do mean things to other people?

Cronbach's alphas were calculated for each score and can be seen in the following table:

Subscales	Cronbach's Alpha	
	High-Risk Control Sample	Normative Sample
No Response Score IEE 3+ Y4 (IER4NRS)	.65	.61
Physical Aggression Score IEE 3+ Y4 (IER4PAG)	.11	.19
Verbal Aggression Score IEE 3+ Y4 (IER4VAG)	.28	-.05
Avoidant/Passive Score IEE 3+ Y4 (IER4APS)	.41	.34
Affective Display Score IEE 3+ Y4 (IER4ADS)	.49	.43
Communication w/Adults Score IEE 3+ Y4 (IER4CWA)	.20	.24
Communication w/Peers Score IEE 3+ Y4 (IER4CWP)	.32	.01
Self-Control Score IEE 3+ Y4 (IER4SCS)	.26	.25
Prosocial Score IEE 3+ Y4 (IER4PSS)	.42	.39
Do Nothing Score IEE 3+ Y4 (IER4DNS)	.34	.36
Aggression Scale IEE 3+ Y4 (IER4AGG)	.06	.09
Communication Scale IEE 3+ Y4 (IER4COM)	.20	.23
Positive Response Scale IEE 3+ Y4 (IER4PRS)	.40	.37
Appropriateness Score IEE 3+ Y4 (IER4ASC)	-.02	-.01
Appropriateness Score Standardized Y4 (IER4ASCz)	-.02	-.01
Appropriateness Score w/o Happiness Item IEE 3+ Y4 (IER4AS2)	-.02	-.01
Appropriateness Score Standardized w/o Happiness Item Y4 (IER4AS2z)	-.02	-.01
Physical Display of Emotion Y4 (IER4PDE)	.54	.57
Discuss Emotions with Someone Y4 (IER4DES)	.57	.65
Feel Strong Emotion Y4 (IER4FSE)	.40	.33
Use Self Control Y4 (IER4USC)	.56	.59
Forget Emotion Y4 (IER4FEM)	.57	.61
Be By Self Y4 (IER4BBS)	.50	.63
Be With Others Y4 (IER4BWO)	.59	.66
Feel Emotion around Other Kids Y4 (IER4FEK)	.54	.60
Say/Do Mean Things Y4 (IER4SMT)	.54	.59

Given that there were nine possible response scores, and some responses were rarely used, it is not surprising that the response scores do not have high internal consistency. Further, it might be expected that one would do something differently under conditions of happiness and anger, for example. Only the *No Response Score* showed an adequate internal reliability for both the normative and the high-risk control sample.

The scales created just for year 4 showed a higher degree of internal consistency for both samples overall. The one exception would be the *Feel Strong Emotion Scale*, with the reliability for the high-risk control sample being .40 and .33 for the normative sample. The other 8 new scales showed reliabilities ranging from .50 to .57 for the high-risk control sample and from .57 to .66 for the normative sample.

All of the *Appropriateness Scores* had low internal consistencies for both samples.

#### IV. Differences between Groups

No score showed significance in a series of t-tests between the high-risk control sample (not including the overlap) and the normative sample.

The *Prosocial Score* approached significance ( $p = .09$ ), with the normative sample scoring a higher mean than that of the control sample.

Comparison of Means for Normative and Control for IEE Year 4								
Variable	Label	Normative		Control		DF	t Value	Pr >  t
		Mean	Std Dev	Mean	Std Dev			
IER4NRS	No Response Score IEE 3+ Y4	0.11	0.44	0.17	0.62	405	1.25	0.2129
IER4PAG	Physical Aggression Score IEE 3+ Y4	0.22	0.48	0.22	0.47	405	0.03	0.9744
IER4VAG	Verbal Aggression Score IEE 3+ Y4	0.07	0.26	0.04	0.24	405	-1.04	0.3010
IER4APS	Avoidant/Passive Score IEE 3+ Y4	1.11	1.08	1.25	1.20	405	1.18	0.2387
IER4ADS	Affective Display Score 3+ IEE Y4	0.93	1.05	0.93	1.11	405	0.02	0.9866
IER4CWA	Communication w/Adults Score IEE 3+ Y4	0.32	0.63	0.30	0.59	405	-0.18	0.8568
IER4CWP	Communication w/Peers Score IEE 3+ Y4	0.14	0.36	0.17	0.48	405	0.68	0.4979
IER4SCS	Self-Control Score IEE 3+ Y4	0.29	0.56	0.29	0.58	405	0.06	0.9518
IER4PSS	Prosocial Score IEE 3+ Y4	2.49	0.89	2.33	0.95	405	-1.72	0.0858
IER4DNS	Do Nothing Score IEE 3+ Y4	1.32	1.12	1.29	1.07	405	-0.29	0.7721
IER4AGG	Aggression Scale IEE3+ Y4	0.15	0.27	0.13	0.25	405	-0.47	0.6410
IER4COM	Communication Scale IEE3+ Y4	0.23	0.38	0.24	0.37	405	0.22	0.8264
IER4PRS	Positive Response Scale IEE3+ Y4	1.39	0.54	1.31	0.58	405	-1.38	0.1677
IER4ASC	Appropriateness Score IEE 3+ Y4	3.92	0.32	3.90	0.37	405	-0.66	0.5077
IER4ASCz	Appropriateness Score Standardized Y4	0.02	0.56	0.02	0.39	405	0.17	0.8653
IER4AS2	Appropriateness Score without happy item IEE 3+ Y4	2.93	0.30	2.91	0.36	405	-0.59	0.5577
IER4AS2z	Appropriateness Score Standardized without happy item Y4	0.04	0.42	0.02	0.53	399	-0.55	0.5794
IER4PDE	Physical Display of Emotion Y4	2.30	0.76	2.29	0.76	405	-0.11	0.9109
IER4DES	Discuss Emotions with Someone Y4	1.98	0.75	2.00	0.74	405	0.22	0.8243
IER4FSE	Feel Strong Emotion Y4	2.12	0.83	2.25	0.86	405	1.55	0.1217
IER4USC	Use Self Control Y4	2.79	0.77	2.74	0.78	405	-0.64	0.5229
IER4FEM	Forget Emotion Y4	2.60	0.80	2.52	0.84	405	-0.90	0.3666
IER4BBS	Be By Self Y4	2.49	0.84	2.47	0.80	405	-0.18	0.8536
IER4BWO	Be With Others Y4	2.42	0.86	2.48	0.88	405	0.64	0.5200
IER4FEK	Feel Emotion around Other Kids Y4	1.86	0.73	1.91	0.72	405	0.69	0.4928
IER4SMT	Say/Do Mean Things Y4	1.83	0.81	1.90	0.84	405	0.90	0.3705

#### V. Recommendations for Use

Users of the *Interview on Emotional Experience* measure should note that there are reliability problems for almost every response scale for both the normative and the high-risk control samples. The reliabilities for the response scores for the normative sample ranged from  $-.05$  to  $.43$ . For the high-risk control sample, the reliabilities ranged from  $.06$  to  $.49$ .

Analysts should note that two of the response scores and two of the response scales showed a normal distribution for both the normative and the high-risk control samples: the *Avoidant/Passive Score*, the *Positive Response Scale*, the *Do Nothing Score*, and the *Prosocial Score*. All of the scales new to year 4 also showed a normal distribution for both samples. The *Affective Display Score* showed a normal distribution for the normative sample but was positively skewed for the control sample. The *Appropriateness Score*, the *Appropriateness Score Standardized*, the *Appropriateness Score without Happiness Item*, and the *Appropriateness Score Standardized without Happiness Item* were negatively skewed for both samples. All of the other response scores were positively skewed for both the normative and the high-risk control samples.

A number of scores showed floor effects. They included:

- the *No Response Score* (with 91% of the high-risk control sample and 91% of the normative sample scoring a 0)
- the *Physical Aggression Score* (with 80% of the high-risk control sample and 79% of the normative sample scoring a 0)
- the *Verbal Aggression Score* (with 96% of the high-risk control sample and the 94% of the normative sample scoring a 0)
- the *Communication with Adults Score* (with 75% of the high-risk control sample and 76% of the normative sample scoring a 0)
- the *Communication with Peers Score* (with 86% of the high-risk control sample and 86% of the normative sample scoring a 0)
- the *Self-Control Score* (with 77% of the high-risk control sample and 75% of the normative sample scoring a 0).

The *Aggression Scale* also had floor effects for both samples. For the high-risk control sample, 76% of the sample scored a 0.0 on the scale, while 97% of the total sample scored 0.5 or lower. For the normative sample, 74% scored 0.0 while a total of 96% of the sample scored 0.5 or lower.

One score, the *Appropriateness Score*, showed a ceiling effect with 94% of the normative sample and 92% of the high-risk control sample scoring a 4. In addition, the means for the items in the *Appropriateness Score* were very close to 2.0 (the highest possible mean for an appropriateness item). The *Appropriateness Score without Happiness Item*, showed a ceiling effect with 94% of the normative sample and 93% of the high-risk control sample scoring a 3.

In addition, it needs to be noted that a number of items in the scales and scores had a zero variation. Scales and scores affected by the zero variation for some items include the *Aggression Scale* (both samples), the *Positive Response Scale* (both samples), the *No Response Score* (both samples), the *Physical Aggression Score* (both samples), the *Verbal Aggression Score* (both samples), the *Self-Control Score* (both samples), the *Prosocial Score* (both samples), the *Do Nothing Score* (both samples), the *Appropriateness Score* (both samples), the *Appropriateness Score Standardized* (both samples), the *Appropriateness Score without Happiness Item* (normative sample), and the *Appropriateness Score Standardized without Happiness Item* (normative sample).

VI. Item and Scale Means and SDs

IER Items Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C4JH1	Happy 1 A	340	1.997	0.054	1.000	2.000
C4JH2	Happy 1 B	340	1.994	0.077	1.000	2.000
C4JH3	Happy 2 A	340	7.038	2.348	0.000	9.000
C4JH4	Happy 2 B	340	6.988	2.662	0.000	9.000
C4JH5	Happy 3a-show happiness face IEE3+ Y4	340	3.121	0.935	1.000	4.000
C4JH6	Happy 3b-tell how happy IEE3+ Y4	340	2.232	0.991	1.000	4.000
C4JH7	Happy 3c-say nice things IEE3+ Y4	340	3.150	0.905	1.000	4.000
C4JH8	Happy 3d-do nice things IEE3+ Y4	340	3.088	0.881	1.000	4.000
C4JH9	Happy 4 -how often w/kids IEE3+ Y4	340	3.068	0.992	1.000	4.000
C4JS1	Sad 1 a	337	1.994	0.077	1.000	2.000
C4JS2	Sad 1 b	340	1.938	0.325	0.000	2.000
C4JS3	Sad 2 a	339	5.336	2.741	0.000	9.000
C4JS4	Sad 2 b	339	5.673	2.986	0.000	9.000
C4JS5	Sad 3a-show sadness on face IEE3+ Y4	340	2.285	0.986	1.000	4.000
C4JS6	Sad 3b-tell how sad IEE3+ Y4	340	1.885	0.913	1.000	4.000
C4JS7	Sad 3c-cant do anything IEE3+ Y4	340	2.168	1.080	1.000	4.000
C4JS8	Sad 3d-try calm down IEE3+ Y4	340	2.809	1.071	1.000	4.000
C4JS9	Sad 3e-forget about it IEE3+ Y4	339	2.649	1.090	1.000	4.000
C4JS10	Sad 3f-be by yourself IEE3+ Y4	339	2.652	1.084	1.000	4.000
C4JS11	Sad 3g-want to be w/others IEE3+ Y4	337	2.392	1.142	1.000	4.000
C4JS12	Sad 4-how often when w/kids IEE3+ Y4	338	1.817	0.941	1.000	4.000
C4JS13	Sad 5 a	340	7.500	1.480	0.000	8.000
C4JS14	Sad 5 b	340	6.653	2.493	0.000	9.000
C4JA1	Angry 1 a	334	1.991	0.094	1.000	2.000
C4JA2	Angry 1 b	340	1.891	0.438	0.000	2.000
C4JA3	Angry 2 a	340	4.376	2.766	0.000	9.000
C4JA4	Angry 2 b	340	4.771	3.031	0.000	9.000
C4JA5	Angry 3a-show anger on face IEE3+ Y4	340	2.368	1.032	1.000	4.000
C4JA6	Angry 3b-tell how angry IEE3+ Y4	340	2.050	1.019	1.000	4.000
C4JA7	Angry 3c-say mean things IEE3+ Y4	340	1.985	1.000	1.000	4.000
C4JA8	Angry 3d-do mean things IEE3+ Y4	340	1.735	0.938	1.000	4.000
C4JA9	Angry 3e-control self IEE3+ Y4	340	2.776	1.040	1.000	4.000
C4JA10	Angry 3f-forget about it IEE3+ Y4	340	2.691	1.084	1.000	4.000
C4JA11	Angry 3g-want to be by self IEE3+ Y4	340	2.576	1.146	1.000	4.000
C4JA12	Angry 3h-want to be w/others IEE3+ Y4	340	2.288	1.144	1.000	4.000
C4JA13	Angry 4-how often when w/kids IEE3+ Y4	339	1.953	0.999	1.000	4.000
C4JA14	Angry 5 a	340	6.515	2.342	0.000	9.000
C4JA15	Angry 5 b	340	5.950	2.858	0.000	9.000
C4JW1	Worried 1 a	329	2.000	0.000	2.000	2.000
C4JW2	Worried 1 b	340	1.756	0.649	0.000	2.000
C4JW3	Worried 2 a	340	5.397	2.749	0.000	9.000
C4JW4	Worried 2 b	340	4.841	3.311	0.000	9.000
C4JW5	Worried 3a-show worry on face IEE3+ Y4	340	2.221	1.054	1.000	4.000
C4JW6	Worried 3b-tell how worried IEE3+ Y4	340	2.088	1.024	1.000	4.000
C4JW7	Worried 3c-cant do anything IEE3+ Y4	340	2.159	1.091	1.000	4.000
C4JW8	Worried 3d-try calm down IEE3+ Y4	340	2.791	1.028	1.000	4.000
C4JW9	Worried 3e-forget about it IEE3+ Y4	340	2.526	1.076	1.000	4.000
C4JW10	Worried 3f-be by yourself IEE3+ Y4	340	2.188	1.113	1.000	4.000
C4JW11	Worried 3g-want be w/others IEE3+ Y4	340	2.709	1.139	1.000	4.000
C4JW12	Worried 4-how often w/kids IEE3+ Y4	340	1.874	1.021	1.000	4.000
C4JW13	Worried 5 a	340	7.038	2.040	0.000	9.000
C4JW14	Worried 5 b	340	6.009	3.144	0.000	9.000

IER Items Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C4JH1	Happy 1 A	137	2.000	0.000	2.000	2.000
C4JH2	Happy 1 B	137	1.993	0.085	1.000	2.000
C4JH3	Happy 2 A	138	7.123	2.357	1.000	9.000
C4JH4	Happy 2 B	138	7.370	2.405	0.000	9.000
C4JH5	Happy 3a-show happiness face IEE3+ Y4	138	3.014	0.996	1.000	4.000
C4JH6	Happy 3b-tell how happy IEE3+ Y4	138	2.246	1.002	1.000	4.000
C4JH7	Happy 3c-say nice things IEE3+ Y4	138	3.087	1.007	1.000	4.000
C4JH8	Happy 3d-do nice things IEE3+ Y4	138	3.101	0.922	1.000	4.000
C4JH9	Happy 4 -how often w/kids IEE3+ Y4	138	3.174	0.958	1.000	4.000
C4JS1	Sad 1 a	136	1.993	0.086	1.000	2.000
C4JS2	Sad 1 b	138	1.920	0.383	0.000	2.000
C4JS3	Sad 2 a	138	4.920	2.625	0.000	9.000
C4JS4	Sad 2 b	138	5.246	2.964	0.000	9.000
C4JS5	Sad 3a-show sadness on face IEE3+ Y4	138	2.275	1.016	1.000	4.000
C4JS6	Sad 3b-tell how sad IEE3+ Y4	138	1.870	0.942	1.000	4.000
C4JS7	Sad 3c-cant do anything IEE3+ Y4	138	2.275	1.045	1.000	4.000
C4JS8	Sad 3d-try calm down IEE3+ Y4	138	2.710	1.095	1.000	4.000
C4JS9	Sad 3e-forget about it IEE3+ Y4	138	2.413	1.176	1.000	4.000
C4JS10	Sad 3f-be by yourself IEE3+ Y4	138	2.587	1.072	1.000	4.000
C4JS11	Sad 3g-want to be w/others IEE3+ Y4	138	2.464	1.197	1.000	4.000
C4JS12	Sad 4-how often when w/kids IEE3+ Y4	138	1.891	0.979	1.000	4.000
C4JS13	Sad 5 a	138	7.290	1.865	0.000	8.000
C4JS14	Sad 5 b	138	6.406	2.762	0.000	9.000
C4JA1	Angry 1 a	136	1.993	0.086	1.000	2.000
C4JA2	Angry 1 b	138	1.928	0.375	0.000	2.000
C4JA3	Angry 2 a	138	4.848	2.864	0.000	9.000
C4JA4	Angry 2 b	138	4.601	3.168	0.000	9.000
C4JA5	Angry 3a-show anger on face IEE3+ Y4	138	2.391	1.035	1.000	4.000
C4JA6	Angry 3b-tell how angry IEE3+ Y4	138	1.964	0.992	1.000	4.000
C4JA7	Angry 3c-say mean things IEE3+ Y4	138	2.014	1.067	1.000	4.000
C4JA8	Angry 3d-do mean things IEE3+ Y4	137	1.796	0.948	1.000	4.000
C4JA9	Angry 3e-control self IEE3+ Y4	137	2.752	1.070	1.000	4.000
C4JA10	Angry 3f-forget about it IEE3+ Y4	138	2.674	1.108	1.000	4.000
C4JA11	Angry 3g-want to be by self IEE3+ Y4	138	2.536	1.160	1.000	4.000
C4JA12	Angry 3h-want to be w/others IEE3+ Y4	138	2.319	1.171	1.000	4.000
C4JA13	Angry 4-how often when w/kids IEE3+ Y4	137	1.971	1.007	1.000	4.000
C4JA14	Angry 5 a	138	6.094	2.551	0.000	9.000
C4JA15	Angry 5 b	138	5.551	3.135	0.000	9.000
C4JW1	Worried 1 a	132	1.992	0.087	1.000	2.000
C4JW2	Worried 1 b	138	1.732	0.679	0.000	2.000
C4JW3	Worried 2 a	138	5.174	2.707	0.000	9.000
C4JW4	Worried 2 b	138	4.964	3.189	0.000	9.000
C4JW5	Worried 3a-show worry on face IEE3+ Y4	138	2.217	1.099	1.000	4.000
C4JW6	Worried 3b-tell how worried IEE3+ Y4	138	2.167	1.078	1.000	4.000
C4JW7	Worried 3c-cant do anything IEE3+ Y4	138	2.232	1.135	1.000	4.000
C4JW8	Worried 3d-try calm down IEE3+ Y4	138	2.768	1.027	1.000	4.000
C4JW9	Worried 3e-forget about it IEE3+ Y4	138	2.486	1.135	1.000	4.000
C4JW10	Worried 3f-be by yourself IEE3+ Y4	138	2.290	1.148	1.000	4.000
C4JW11	Worried 3g-want be w/others IEE3+ Y4	138	2.645	1.170	1.000	4.000
C4JW12	Worried 4-how often w/kids IEE3+ Y4	138	1.870	0.988	1.000	4.000
C4JW13	Worried 5 a	138	7.123	1.994	0.000	8.000
C4JW14	Worried 5 b	138	5.377	3.448	0.000	9.000

### IER Subscales Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
IER4NRS	No Response score IEE 3+ Y4	340	0.147	0.545	0.000	4.000
IER4PAG	Physical Aggression score IEE 3+ Y4	340	0.232	0.482	0.000	2.000
IER4VAG	Verbal Aggression score IEE 3+ Y4	340	0.062	0.241	0.000	1.000
IER4APS	Avoidant/Passive score IEE 3+ Y4	340	1.129	1.106	0.000	5.000
IER4ADS	Affective Display score 3+ IEE Y4	340	0.938	1.069	0.000	4.000
IER4CWA	Communication w/Adults score IEE 3+ Y4	340	0.306	0.600	0.000	3.000
IER4CWP	Communication w/Peers score IEE 3+ Y4	340	0.147	0.379	0.000	2.000
IER4SCS	Self-Control score IEE 3+ Y4	340	0.306	0.590	0.000	3.000
IER4PSS	Prosocial score IEE 3+ Y4	340	2.429	0.917	0.000	4.000
IER4DNS	Do Nothing score IEE 3+ Y4	340	1.300	1.088	0.000	4.000
IER4AGG	Aggression Scale IEE3+ Y4	340	0.147	0.264	0.000	1.000
IER4PRS	Positive Response Scale IEE3+ Y4	340	1.368	0.562	0.000	3.000
IER4COM	Communication Scale IEE3+ Y4	340	0.226	0.369	0.000	2.000
IER4ASC	Appropriateness Score IEE 3+ Y4	340	3.924	0.317	2.000	4.000
IER4ASCz	Appropriateness Score Standardized Y4	340	0.022	0.516	-7.582	0.082
IER4AS2	Appropriateness Score without happy item IEE 3+ Y4	340	2.926	0.303	1.000	3.000
IER4AS2z	Appropriateness Score Standardized without happy item Y4	336	0.045	0.413	-3.707	0.099
IER4PDE	Physical Display of Emotion Y4	340	2.291	0.751	1.000	4.000
IER4DES	Discuss Emotions with Someone Y4	340	2.008	0.759	1.000	4.000
IER4FSE	Feel Strong Emotion Y4	340	2.163	0.841	1.000	4.000
IER4USC	Use Self Control Y4	340	2.792	0.776	1.000	4.000
IER4FEM	Forget Emotion Y4	340	2.622	0.810	1.000	4.000
IER4BBS	Be By Self Y4	340	2.472	0.845	1.000	4.000
IER4BWO	Be With Others Y4	340	2.464	0.878	1.000	4.000
IER4FEK	Feel Emotion around Other Kids Y4	340	1.880	0.738	1.000	4.000
IER4SMT	Say/Do Mean Things Y4	340	1.860	0.817	1.000	4.000

### IER Subscales Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
IER4NRS	No Response score IEE 3+ Y4	138	0.174	0.615	0.000	4.000
IER4PAG	Physical Aggression score IEE 3+ Y4	138	0.225	0.468	0.000	2.000
IER4VAG	Verbal Aggression score IEE 3+ Y4	138	0.043	0.238	0.000	2.000
IER4APS	Avoidant/Passive score IEE 3+ Y4	138	1.246	1.201	0.000	6.000
IER4ADS	Affective Display score 3+ IEE Y4	138	0.928	1.112	0.000	4.000
IER4CWA	Communication w/Adults score IEE 3+ Y4	138	0.304	0.587	0.000	3.000
IER4CWP	Communication w/Peers score IEE 3+ Y4	138	0.174	0.482	0.000	3.000
IER4SCS	Self-Control score IEE 3+ Y4	138	0.290	0.582	0.000	3.000
IER4PSS	Prosocial score IEE 3+ Y4	138	2.326	0.953	0.000	4.000
IER4DNS	Do Nothing score IEE 3+ Y4	138	1.290	1.068	0.000	4.000
IER4AGG	Aggression Scale IEE3+ Y4	138	0.134	0.253	0.000	1.000
IER4PRS	Positive Response Scale IEE3+ Y4	138	1.308	0.580	0.000	3.000
IER4COM	Communication Scale IEE3+ Y4	138	0.239	0.373	0.000	1.500
IER4ASC	Appropriateness Score IEE 3+ Y4	138	3.899	0.368	2.000	4.000
IER4ASCz	Appropriateness Score Standardized Y4	138	0.024	0.392	-2.770	0.095
IER4AS2	Appropriateness Score without happy item IEE 3+ Y4	138	2.906	0.360	1.000	3.000
IER4AS2z	Appropriateness Score Standardized without happy item Y4	135	0.016	0.529	-3.707	0.098
IER4PDE	Physical Display of Emotion Y4	138	2.295	0.760	1.000	4.000
IER4DES	Discuss Emotions with Someone Y4	138	2.000	0.736	1.000	4.000
IER4FSE	Feel Strong Emotion Y4	138	2.254	0.863	1.000	4.000
IER4USC	Use Self Control Y4	138	2.743	0.776	1.000	4.000
IER4FEM	Forget Emotion Y4	138	2.524	0.838	1.000	4.000
IER4BBS	Be By Self Y4	138	2.471	0.798	1.000	4.000
IER4BWO	Be With Others Y4	138	2.476	0.876	1.000	4.000
IER4FEK	Feel Emotion around Other Kids Y4	138	1.908	0.717	1.000	4.000
IER4SMT	Say/Do Mean Things Y4	138	1.902	0.837	1.000	4.000

**VII. Subscale Correlations**

IER Subscales Report Sample

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations										
	IER4NRS	IER4PAG	IER4VAG	IER4APS	IER4ADS	IER4CWA	IER4CWP	IER4SCS	IER4PSS	IER4DNS
<b>IER4NRS</b> No Response score IEE 3+ Y4	1.000 407	0.053 0.286 407	-0.024 0.624 407	-0.092 0.064 407	-0.037 0.460 407	-0.075 0.128 407	-0.062 0.211 407	-0.028 0.578 407	-0.282 0.000 407	-0.033 0.504 407
<b>IER4PAG</b> Physical Agg score IEE 3+ Y4	0.053 0.286 407	1.000 407	-0.054 0.278 407	-0.140 0.005 407	-0.031 0.538 407	-0.097 0.051 407	-0.078 0.116 407	-0.148 0.003 407	-0.032 0.523 407	-0.087 0.080 407
<b>IER4VAG</b> Verbal Agg score IEE 3+ Y4	-0.024 0.624 407	-0.054 0.278 407	1.000 407	-0.043 0.390 407	-0.011 0.831 407	0.035 0.479 407	-0.021 0.672 407	-0.038 0.447 407	-0.052 0.292 407	-0.087 0.079 407
<b>IER4APS</b> Avoidant/Passive score IEE 3+ Y4	-0.092 0.064 407	-0.140 0.005 407	-0.043 0.390 407	1.000 407	-0.245 0.000 407	0.001 0.980 407	-0.090 0.069 407	-0.197 0.000 407	-0.442 0.000 407	-0.166 0.001 407
<b>IER4ADS</b> Affective Display score 3+ IEE Y4	-0.037 0.460 407	-0.031 0.538 407	-0.011 0.831 407	-0.245 0.000 407	1.000 407	-0.077 0.120 407	-0.092 0.063 407	-0.135 0.006 407	-0.055 0.267 407	-0.497 0.000 407
<b>IER4CWA</b> Comm w/Adults score IEE 3+ Y4	-0.075 0.128 407	-0.097 0.051 407	0.035 0.479 407	0.001 0.980 407	-0.077 0.120 407	1.000 407	0.043 0.390 407	-0.074 0.136 407	-0.259 0.000 407	-0.176 0.000 407
<b>IER4CWP</b> Comm w/Peers score IEE 3+ Y4	-0.062 0.211 407	-0.078 0.116 407	-0.021 0.672 407	-0.090 0.069 407	-0.092 0.063 407	0.043 0.390 407	1.000 407	0.063 0.207 407	-0.022 0.651 407	-0.157 0.001 407
<b>IER4SCS</b> Self-Control score IEE 3+ Y4	-0.028 0.578 407	-0.148 0.003 407	-0.038 0.447 407	-0.197 0.000 407	-0.135 0.006 407	-0.074 0.136 407	0.063 0.207 407	1.000 407	0.076 0.125 407	-0.143 0.004 407
<b>IER4PSS</b> Prosocial score IEE 3+ Y4	-0.282 0.000 407	-0.032 0.523 407	-0.052 0.292 407	-0.442 0.000 407	-0.055 0.267 407	-0.259 0.000 407	-0.022 0.651 407	0.076 0.125 407	1.000 407	-0.057 0.255 407
<b>IER4DNS</b> Do Nothing score IEE 3+ Y4	-0.033 0.504 407	-0.087 0.080 407	-0.087 0.079 407	-0.166 0.001 407	-0.497 0.000 407	-0.176 0.000 407	-0.157 0.001 407	-0.143 0.004 407	-0.057 0.255 407	1.000 407
<b>IER4AGG</b> Aggression Scale IEE3+ Y4	0.036 0.466 407	0.878 0.000 407	0.430 0.000 407	-0.147 0.003 407	-0.033 0.510 407	-0.071 0.156 407	-0.081 0.105 407	-0.152 0.002 407	-0.054 0.279 407	-0.120 0.015 407
<b>IER4PRS</b> Positive Response Scale IEE3+ Y4	-0.246 0.000 407	-0.102 0.040 407	-0.062 0.210 407	-0.464 0.000 407	-0.114 0.021 407	-0.251 0.000 407	0.014 0.785 407	0.573 0.000 407	0.861 0.000 407	-0.120 0.016 407
<b>IER4COM</b> Communication Scale IEE3+ Y4	-0.095 0.054 407	-0.121 0.014 407	0.017 0.726 407	-0.048 0.335 407	-0.113 0.022 407	0.841 0.000 407	0.577 0.000 407	-0.027 0.592 407	-0.224 0.000 407	-0.229 0.000 407
<b>IER4ASC</b> Appropriateness Score IEE 3+ Y4	-0.252 0.000 407	-0.018 0.714 407	0.004 0.930 407	0.009 0.852 407	0.051 0.308 407	0.011 0.825 407	0.008 0.880 407	0.052 0.293 407	0.138 0.005 407	-0.087 0.081 407
<b>IER4ASCz</b> Appropriateness Score Standardized Y4	-0.042 0.402 407	0.059 0.232 407	-0.117 0.018 407	-0.030 0.545 407	0.050 0.318 407	0.023 0.641 407	0.048 0.336 407	0.015 0.760 407	-0.005 0.919 407	-0.032 0.521 407

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations										
	IER4NRS	IER4PAG	IER4VAG	IER4APS	IER4ADS	IER4CWA	IER4CWP	IER4SCS	IER4PSS	IER4DNS
<b>IER4AS2</b> Appropriateness Score without happy item IEE 3+ Y4	-0.252 0.000 407	-0.026 0.598 407	0.031 0.529 407	0.014 0.773 407	0.061 0.219 407	0.016 0.746 407	0.002 0.967 407	0.047 0.347 407	0.145 0.003 407	-0.108 0.029 407
<b>IER4AS2z</b> Appropriateness Score Standardized without happy item Y4	0.033 0.504 401	0.063 0.211 401	0.033 0.514 401	-0.003 0.951 401	0.026 0.597 401	0.007 0.882 401	0.051 0.312 401	-0.004 0.930 401	0.028 0.578 401	-0.114 0.023 401
<b>IER4PDE</b> Physical Display of Emotion Y4	-0.064 0.200 407	0.020 0.681 407	0.075 0.129 407	-0.010 0.834 407	0.253 0.000 407	-0.029 0.559 407	-0.047 0.341 407	-0.067 0.174 407	0.031 0.530 407	-0.187 0.000 407
<b>IER4DES</b> Discuss Emotions with Someone Y4	-0.133 0.007 407	-0.051 0.305 407	0.043 0.383 407	-0.067 0.180 407	0.156 0.002 407	0.171 0.001 407	-0.037 0.451 407	-0.019 0.697 407	0.071 0.152 407	-0.142 0.004 407
<b>IER4FSE</b> Feel Strong Emotion Y4	-0.116 0.019 407	-0.052 0.297 407	-0.019 0.710 407	-0.022 0.664 407	-0.019 0.697 407	0.025 0.615 407	0.019 0.696 407	0.074 0.136 407	0.000 0.996 407	0.058 0.246 407
<b>IER4USC</b> Use Self Control Y4	-0.060 0.226 407	-0.122 0.014 407	0.063 0.206 407	-0.123 0.013 407	-0.003 0.959 407	0.028 0.576 407	0.037 0.454 407	0.078 0.118 407	0.200 0.000 407	-0.041 0.415 407
<b>IER4FEM</b> Forget Emotion Y4	0.001 0.981 407	-0.188 0.000 407	-0.065 0.190 407	0.068 0.171 407	-0.041 0.411 407	-0.000 0.999 407	-0.022 0.665 407	0.000 0.994 407	0.025 0.614 407	0.050 0.311 407
<b>IER4BBS</b> Be By Self Y4	-0.115 0.020 407	-0.009 0.850 407	0.099 0.046 407	0.052 0.293 407	0.090 0.068 407	0.004 0.935 407	-0.034 0.491 407	-0.089 0.072 407	-0.026 0.604 407	-0.027 0.593 407
<b>IER4BWO</b> Be With Others Y4	-0.009 0.864 407	-0.064 0.196 407	-0.083 0.095 407	-0.099 0.046 407	-0.035 0.479 407	0.059 0.232 407	0.094 0.057 407	0.079 0.110 407	0.073 0.141 407	0.014 0.777 407
<b>IER4FEK</b> Feel Emotion around Other Kids Y4	-0.068 0.169 407	-0.034 0.496 407	-0.012 0.817 407	-0.048 0.331 407	-0.005 0.926 407	0.021 0.667 407	0.072 0.146 407	0.041 0.415 407	0.004 0.941 407	0.040 0.419 407
<b>IER4SMT</b> Say/Do Mean Things Y4	0.047 0.346 407	0.153 0.002 407	-0.027 0.581 407	0.013 0.793 407	0.087 0.079 407	-0.025 0.614 407	0.077 0.123 407	-0.072 0.147 407	-0.144 0.004 407	-0.036 0.472 407

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations										
	IER4AGG	IER4PRS	IER4COM	IER4ASC	IER4ASCz	IER4AS2	IER4AS2z	IER4PDE	IER4DES	IER4FSE
<b>IER4NRS</b> No Response score IEE 3+ Y4	0.036 0.466 407	-0.246 0.000 407	-0.095 0.054 407	-0.252 0.000 407	-0.042 0.402 407	-0.252 0.000 407	0.033 0.504 401	-0.064 0.200 407	-0.133 0.007 407	-0.116 0.019 407
<b>IER4PAG</b> Physical Agg score IEE 3+ Y4	0.878 0.000 407	-0.102 0.040 407	-0.121 0.014 407	-0.018 0.714 407	0.059 0.232 407	-0.026 0.598 407	0.063 0.211 401	0.020 0.681 407	-0.051 0.305 407	-0.052 0.297 407
<b>IER4VAG</b> Verbal Agg score IEE 3+ Y4	0.430 0.000 407	-0.062 0.210 407	0.017 0.726 407	0.004 0.930 407	-0.117 0.018 407	0.031 0.529 407	0.033 0.514 401	0.075 0.129 407	0.043 0.383 407	-0.019 0.710 407
<b>IER4APS</b> Avoidant/Passive score IEE 3+ Y4	-0.147 0.003 407	-0.464 0.000 407	-0.048 0.335 407	0.009 0.852 407	-0.030 0.545 407	0.014 0.773 407	-0.003 0.951 401	-0.010 0.834 407	-0.067 0.180 407	-0.022 0.664 407

Pearson Correlation Coefficients										
Prob >  r  under H0: Rho=0										
Number of Observations										
	IER4AGG	IER4PRS	IER4COM	IER4ASC	IER4ASCz	IER4AS2	IER4AS2z	IER4PDE	IER4DES	IER4FSE
<b>IER4ADS</b> Affective Display score 3+ IEE Y4	-0.033 0.510 407	-0.114 0.021 407	-0.113 0.022 407	0.051 0.308 407	0.050 0.318 407	0.061 0.219 407	0.026 0.597 401	0.253 0.000 407	0.156 0.002 407	-0.019 0.697 407
<b>IER4CWA</b> Comm w/Adults score IEE 3+ Y4	-0.071 0.156 407	-0.251 0.000 407	0.841 0.000 407	0.011 0.825 407	0.023 0.641 407	0.016 0.746 407	0.007 0.882 401	-0.029 0.559 407	0.171 0.001 407	0.025 0.615 407
<b>IER4CWP</b> Comm w/Peers score IEE 3+ Y4	-0.081 0.105 407	0.014 0.785 407	0.577 0.000 407	0.008 0.880 407	0.048 0.336 407	0.002 0.967 407	0.051 0.312 401	-0.047 0.341 407	-0.037 0.451 407	0.019 0.696 407
<b>IER4SCS</b> Self-Control score IEE 3+ Y4	-0.152 0.002 407	0.573 0.000 407	-0.027 0.592 407	0.052 0.293 407	0.015 0.760 407	0.047 0.347 407	-0.004 0.930 401	-0.067 0.174 407	-0.019 0.697 407	0.074 0.136 407
<b>IER4PSS</b> Prosocial score IEE 3+ Y4	-0.054 0.279 407	0.861 0.000 407	-0.224 0.000 407	0.138 0.005 407	-0.005 0.919 407	0.145 0.003 407	0.028 0.578 401	0.031 0.530 407	0.071 0.152 407	0.000 0.996 407
<b>IER4DNS</b> Do Nothing score IEE 3+ Y4	-0.120 0.015 407	-0.120 0.016 407	-0.229 0.000 407	-0.087 0.081 407	-0.032 0.521 407	-0.108 0.029 407	-0.114 0.023 401	-0.187 0.000 407	-0.142 0.004 407	0.058 0.246 407
<b>IER4AGG</b> Aggression Scale IEE3+ Y4	1.000 407	-0.122 0.014 407	-0.101 0.041 407	-0.014 0.773 407	-0.002 0.964 407	-0.009 0.861 407	0.072 0.149 401	0.055 0.272 407	-0.025 0.610 407	-0.056 0.262 407
<b>IER4PRS</b> Positive Response Scale IEE3+ Y4	-0.122 0.014 407	1.000 407	-0.198 0.000 407	0.140 0.005 407	0.004 0.942 407	0.143 0.004 407	0.021 0.682 401	-0.009 0.859 407	0.049 0.328 407	0.038 0.445 407
<b>IER4COM</b> Communication Scale IEE3+ Y4	-0.101 0.041 407	-0.198 0.000 407	1.000 407	0.013 0.793 407	0.045 0.367 407	0.014 0.774 407	0.033 0.510 401	-0.049 0.320 407	0.120 0.016 407	0.031 0.533 407
<b>IER4ASC</b> Appropriateness Score IEE 3+ Y4	-0.014 0.773 407	0.140 0.005 407	0.013 0.793 407	1.000 407	0.454 0.000 407	0.978 0.000 407	0.515 0.000 401	0.140 0.005 407	0.147 0.003 407	0.028 0.574 407
<b>IER4ASCz</b> Appropriateness Score Standardized Y4	-0.002 0.964 407	0.004 0.942 407	0.045 0.367 407	0.454 0.000 407	1.000 407	0.360 0.000 407	0.668 0.000 401	-0.105 0.034 407	0.044 0.377 407	-0.135 0.006 407
<b>IER4AS2</b> Appropriateness Score without happy item IEE 3+ Y4	-0.009 0.861 407	0.143 0.004 407	0.014 0.774 407	0.978 0.000 407	0.360 0.000 407	1.000 407	0.564 0.000 401	0.167 0.001 407	0.139 0.005 407	0.049 0.326 407
<b>IER4AS2z</b> Appropriateness Score Standardized without happy item Y4	0.072 0.149 401	0.021 0.682 401	0.033 0.510 401	0.515 0.000 401	0.668 0.000 401	0.564 0.000 401	1.000 401	-0.032 0.518 401	-0.007 0.889 401	-0.080 0.108 401
<b>IER4PDE</b> Physical Display of Emotion Y4	0.055 0.272 407	-0.009 0.859 407	-0.049 0.320 407	0.140 0.005 407	-0.105 0.034 407	0.167 0.001 407	-0.032 0.518 401	1.000 407	0.290 0.000 407	0.155 0.002 407
<b>IER4DES</b> Discuss Emotions with Someone Y4	-0.025 0.610 407	0.049 0.328 407	0.120 0.016 407	0.147 0.003 407	0.044 0.377 407	0.139 0.005 407	-0.007 0.889 401	0.290 0.000 407	1.000 407	0.110 0.027 407
<b>IER4FSE</b> Feel Strong Emotion Y4	-0.056 0.262 407	0.038 0.445 407	0.031 0.533 407	0.028 0.574 407	-0.135 0.006 407	0.049 0.326 407	-0.080 0.108 401	0.155 0.002 407	0.110 0.027 407	1.000 407

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations										
	IER4AGG	IER4PRS	IER4COM	IER4ASC	IER4ASCz	IER4AS2	IER4AS2z	IER4PDE	IER4DES	IER4FSE
<b>IER4USC</b> Use Self Control Y4	-0.080 0.106 407	0.204 0.000 407	0.043 0.388 407	0.049 0.321 407	0.009 0.859 407	0.069 0.164 407	0.079 0.113 401	0.089 0.073 407	0.125 0.012 407	-0.024 0.624 407
<b>IER4FEM</b> Forget Emotion Y4	-0.201 0.000 407	0.021 0.676 407	-0.012 0.813 407	-0.017 0.734 407	-0.047 0.345 407	-0.032 0.525 407	-0.063 0.207 401	-0.095 0.055 407	0.011 0.826 407	-0.084 0.092 407
<b>IER4BBS</b> Be By Self Y4	0.039 0.434 407	-0.067 0.179 407	-0.015 0.760 407	0.076 0.128 407	-0.075 0.132 407	0.107 0.031 407	-0.009 0.859 401	0.233 0.000 407	0.100 0.043 407	0.232 0.000 407
<b>IER4BWO</b> Be With Others Y4	-0.098 0.049 407	0.101 0.043 407	0.100 0.045 407	-0.028 0.567 407	0.043 0.389 407	-0.052 0.294 407	-0.028 0.572 401	-0.060 0.226 407	0.207 0.000 407	0.015 0.763 407
<b>IER4FEK</b> Feel Emotion around Other Kids Y4	-0.036 0.467 407	0.024 0.633 407	0.057 0.255 407	-0.016 0.747 407	-0.120 0.015 407	0.000 0.999 407	-0.017 0.729 401	0.149 0.003 407	0.123 0.013 407	0.218 0.000 407
<b>IER4SMT</b> Say/Do Mean Things Y4	0.125 0.012 407	-0.155 0.002 407	0.021 0.673 407	-0.060 0.228 407	-0.014 0.774 407	-0.069 0.165 407	-0.047 0.346 401	0.141 0.004 407	0.015 0.757 407	0.078 0.115 407

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations						
	IER4USC	IER4FEM	IER4BBS	IER4BWO	IER4FEK	IER4SMT
<b>IER4NRS</b> No Response score IEE 3+ Y4	-0.060 0.226 407	0.001 0.981 407	-0.115 0.020 407	-0.009 0.864 407	-0.068 0.169 407	0.047 0.346 407
<b>IER4PAG</b> Physical Agg score IEE 3+ Y4	-0.122 0.014 407	-0.188 0.000 407	-0.009 0.850 407	-0.064 0.196 407	-0.034 0.496 407	0.153 0.002 407
<b>IER4VAG</b> Verbal Agg score IEE 3+ Y4	0.063 0.206 407	-0.065 0.190 407	0.099 0.046 407	-0.083 0.095 407	-0.012 0.817 407	-0.027 0.581 407
<b>IER4APS</b> Avoidant/Passive score IEE 3+ Y4	-0.123 0.013 407	0.068 0.171 407	0.052 0.293 407	-0.099 0.046 407	-0.048 0.331 407	0.013 0.793 407
<b>IER4ADS</b> Affective Display score 3+ IEE Y4	-0.003 0.959 407	-0.041 0.411 407	0.090 0.068 407	-0.035 0.479 407	-0.005 0.926 407	0.087 0.079 407
<b>IER4CWA</b> Comm w/Adults score IEE 3+ Y4	0.028 0.576 407	-0.000 0.999 407	0.004 0.935 407	0.059 0.232 407	0.021 0.667 407	-0.025 0.614 407
<b>IER4CWP</b> Comm w/Peers score IEE 3+ Y4	0.037 0.454 407	-0.022 0.665 407	-0.034 0.491 407	0.094 0.057 407	0.072 0.146 407	0.077 0.123 407
<b>IER4SCS</b> Self-Control score IEE 3+ Y4	0.078 0.118 407	0.000 0.994 407	-0.089 0.072 407	0.079 0.110 407	0.041 0.415 407	-0.072 0.147 407
<b>IER4PSS</b> Prosocial score IEE 3+ Y4	0.200 0.000 407	0.025 0.614 407	-0.026 0.604 407	0.073 0.141 407	0.004 0.941 407	-0.144 0.004 407

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations						
	IER4USC	IER4FEM	IER4BBS	IER4BWO	IER4FEK	IER4SMT
<b>IER4DNS</b> Do Nothing score IEE 3+ Y4	-0.041 0.415 407	0.050 0.311 407	-0.027 0.593 407	0.014 0.777 407	0.040 0.419 407	-0.036 0.472 407
<b>IER4AGG</b> Aggression Scale IEE3+ Y4	-0.080 0.106 407	-0.201 0.000 407	0.039 0.434 407	-0.098 0.049 407	-0.036 0.467 407	0.125 0.012 407
<b>IER4PRS</b> Positive Response Scale IEE3+ Y4	0.204 0.000 407	0.021 0.676 407	-0.067 0.179 407	0.101 0.043 407	0.024 0.633 407	-0.155 0.002 407
<b>IER4COM</b> Communication Scale IEE3+ Y4	0.043 0.388 407	-0.012 0.813 407	-0.015 0.760 407	0.100 0.045 407	0.057 0.255 407	0.021 0.673 407
<b>IER4ASC</b> Appropriateness Score IEE 3+ Y4	0.049 0.321 407	-0.017 0.734 407	0.076 0.128 407	-0.028 0.567 407	-0.016 0.747 407	-0.060 0.228 407
<b>IER4ASCz</b> Appropriateness Score Standardized Y4	0.009 0.859 407	-0.047 0.345 407	-0.075 0.132 407	0.043 0.389 407	-0.120 0.015 407	-0.014 0.774 407
<b>IER4AS2</b> Appropriateness Score without happy item IEE 3+ Y4	0.069 0.164 407	-0.032 0.525 407	0.107 0.031 407	-0.052 0.294 407	0.000 0.999 407	-0.069 0.165 407
<b>IER4AS2z</b> Appropriateness Score Standardized without happy item Y4	0.079 0.113 401	-0.063 0.207 401	-0.009 0.859 401	-0.028 0.572 401	-0.017 0.729 401	-0.047 0.346 401
<b>IER4PDE</b> Physical Display of Emotion Y4	0.089 0.073 407	-0.095 0.055 407	0.233 0.000 407	-0.060 0.226 407	0.149 0.003 407	0.141 0.004 407
<b>IER4DES</b> Discuss Emotions with Someone Y4	0.125 0.012 407	0.011 0.826 407	0.100 0.043 407	0.207 0.000 407	0.123 0.013 407	0.015 0.757 407
<b>IER4FSE</b> Feel Strong Emotion Y4	-0.024 0.624 407	-0.084 0.092 407	0.232 0.000 407	0.015 0.763 407	0.218 0.000 407	0.078 0.115 407
<b>IER4USC</b> Use Self Control Y4	1.000 407	0.287 0.000 407	0.033 0.503 407	0.150 0.002 407	-0.003 0.948 407	-0.162 0.001 407
<b>IER4FEM</b> Forget Emotion Y4	0.287 0.000 407	1.000 407	0.013 0.787 407	0.216 0.000 407	-0.109 0.027 407	-0.215 0.000 407
<b>IER4BBS</b> Be By Self Y4	0.033 0.503 407	0.013 0.787 407	1.000 407	-0.344 0.000 407	0.126 0.011 407	0.087 0.080 407
<b>IER4BWO</b> Be With Others Y4	0.150 0.002 407	0.216 0.000 407	-0.344 0.000 407	1.000 407	0.065 0.193 407	-0.058 0.246 407

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations						
	IER4USC	IER4FEM	IER4BBS	IER4BWO	IER4FEK	IER4SMT
<b>IER4FEK</b> Feel Emotion around Other Kids Y4	-0.003 0.948 407	-0.109 0.027 407	0.126 0.011 407	0.065 0.193 407	1.000 407	0.227 0.000 407
<b>IER4SMT</b> Say/Do Mean Things Y4	-0.162 0.001 407	-0.215 0.000 407	0.087 0.080 407	-0.058 0.246 407	0.227 0.000 407	1.000 407