

**Ethnic Identity-Oyserman**  
Grade 7/Year 8  
Fast Track Project Technical Report  
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**Citation**

*Instrument*

Oyserman, D., Gant, L., & Ager, J. (1995). A socially contextualized model of African American identity. Possible selves and school persistence. *Journal of Personality and Social Psychology*, 69 (6), 1216-1232.

Oyserman, D., Harrison, K., & Bybee, D. (2001). Can racial identity be promotive of academic efficacy? *International Journal of Behavioral Development*, 25 (4), 379-385.

*Report*

Lesane, C. L. (2002). Ethnic Identity-Oyserman (Technical Report) [On-line]. Available: <http://www.fasttrackproject.org/>

**Data Sources**

Raw: C8AE

Scored: EIO8

**I. Scale Description**

The Ethnic Identity-Oyserman is a 12-item scale adapted from a measure developed by Oyserman, Gant, and Ager (1995). The measure assesses children's feelings about their racial and ethnic community. Specifically, the measure contains questions regarding children's view of their community, connection to the community, and children's perceptions of how others outside of their community view the community. The scale includes three factors: Embedded Achievement, Connectedness, and Awareness of Racism. Each item in the measure ranges from 1 (strongly disagree) to 5 (strongly agree).

**II. Report Sample**

These exploratory analyses were conducted with the first cohort on the control sample (n=155) and on the normative sample (n=387, N = 463 with overlap) during the eighth year of the study. Overall, 78 records were missing the whole measure. Twenty four were missing from the control sample (5 from Durham, 6 from Nashville, 6 from Pennsylvania, and 7 from Washington) and 68 were missing from the normative sample (12 from Durham, 22 from Nashville, 14 from Pennsylvania, and 20 from Washington).

**III. Scaling**

Subscale scores.

Scoring procedures to create scales for the Fast Track data were derived from Oyserman, Harrison, and Bybee (2001). The original scales, with 15 items, may be found in Oyserman, Gant, & Ager (1995). The scales were derived from three content domains (connectedness, embedded achievement, and awareness of racism).

The Connectedness (Connectedness) scale assesses an individual's "sense of self as a member of an African American community..." (Oyserman, 1995, p. 8). It consists of items 1-4. Embedded Achievement (Achievement) measures an individual's sense of achievement as occurring within the context of being African American. It consists of items 5, 6, 10, & 12. Awareness of Racism (Awareness) measures an individual's "sense of self as subject to prejudice, racism, and exclusion from opportunities by White society" (Oyserman, 1995, p.8). It consists of items 7, 8, 9, & 11. The subscales were constructed by taking the mean responses to the items in each subscale.

Coefficient alphas for the subscales are as follows:

Cronbach's Alpha for Scales – By Sample Type			
Variable		Normative	High Risk Control
Y8 EIO Achievement Scale	(EIO8ach )	0.73	0.75
Y8 EIO Awareness Scale	(EIO8awa )	0.72	0.63
Y8 EIO Connectedness Scale	(EIO8con )	0.70	0.53

Cronbach's Alpha for Scales - By Race			
Variable		African-American	Caucasian
Y8 EIO Connectedness Scale	(EIO8con )	0.66	0.71
Y8 EIO Achievement Scale	(EIO8ach )	0.67	0.81
Y8 EIO Awareness Scale	(EIO8awa )	0.69	0.63

#### IV. Differences Between Groups

T-tests were used to examine group differences for all items and scales within ethnic groups (i.e., African American control vs. normative youth; Caucasian control vs. normative youth) and for the total sample (i.e., control vs. normative youth).

Analysis of items within ethnic groups revealed that normative African American youth were significantly more likely than their high-risk control counterparts to feel that (1) it is important to think of themselves as members of their religious, national, or ethnic group (*c8ae1*), and (2) if they work hard and get good grades they will be respected by others in their racial-ethnic group (*c8ae12*). High-risk control Caucasian youth were more likely than their normative counterparts to feel that (1) some people will treat them differently because of their racial-ethnic membership (*c8ae7*), and (2) the way they look and speak influences what others expect of them (*c8ae8*). Analysis of items within the entire sample revealed that compared to high-risk control youth, normative youth were significantly more likely to feel that (1) some people will treat them differently because of their racial-ethnic membership (*c8ae7*), and (2) the way they look and speak influences what others expect of them (*c8ae8*). However, normative youth were significantly more likely than their high-risk control counterparts to feel that (1) it is important to think of themselves as members of their religious, national, or ethnic group (*c8ae1*).

No other significant differences were found among African-Americans on the subscales. Among Caucasians, the control group awareness scale mean (*EIO8awa*) was statistically significantly higher than that for the normative group. In addition, among all respondents, the control group awareness scale mean (*EIO8awa*) was statistically significantly higher than that for the normative group.

Differences between other ethnic groups were not assessed due to their small sample sizes.

Comparison of Means for Normative and Control for African Americans							
Variable	Normative		Control		DF	t Value	Pr >  t
	Mean	Std Dev	Mean	Std Dev			
Impt to be Member of Racial/Ethnic Group (C8AE1 )	4.06	1.16	3.57	1.22	164	-2.58	0.0108
I Feel That I am a Part of My Community (C8AE2 )	4.09	0.95	4.03	0.90	164	-0.38	0.7028
Have Pride in What My Community Has Done (C8AE3 )	3.94	1.12	3.67	1.25	164	-1.38	0.1685
I Feel Close to Others in My Community (C8AE4 )	3.97	0.99	3.84	0.89	164	-0.82	0.4152
If I am Successful It Will Help My Comm (C8AE5 )	3.99	1.04	3.90	1.00	164	-0.56	0.5733
Impt for Family/Commun I Succeed in Schl (C8AE6 )	4.42	0.93	4.34	0.81	164	-0.50	0.6199
Treated Differently b/c Mem of R/E Group (C8AE7 )	2.94	1.28	3.03	1.20	164	0.49	0.6277
Way I Look/Speak Influences Expectations (C8AE8 )	3.36	1.26	3.41	1.28	164	0.26	0.7986
Comm. Suffering from Lack of Opportunity (C8AE9 )	3.37	1.18	3.12	1.14	164	-1.31	0.1906
Helps When Others in Comm are Successful (C8AE10 )	3.95	0.93	3.81	0.96	164	-0.93	0.3515
Neg Ideas abt Abilities b/c mem of R/E G (C8AE11 )	3.08	1.20	3.05	1.14	163	-0.16	0.8740
Work Hard/Good Grades respected by R/E G (C8AE12 )	4.18	0.97	3.81	1.22	95.9	-1.97	0.0513
Y8 EIO Connectedness Scale (EIO8con )	4.02	0.78	3.78	0.69	164	-1.94	0.0540
Y8 EIO Achievement Scale (EIO8ach )	4.13	0.67	3.97	0.72	164	-1.51	0.1341
Y8 EIO Awareness Scale (EIO8awa )	3.19	0.89	3.16	0.82	164	-0.22	0.8270

Comparison of Means for Normative and Control for Caucasians							
Variable	Normative		Control		DF	t Value	Pr >  t
	Mean	Std Dev	Mean	Std Dev			
Impt to be Member of Racial/Ethnic Group (C8AE1 )	3.83	0.87	3.82	1.06	120	-0.10	0.9239
I Feel That I am a Part of My Community (C8AE2 )	3.94	0.81	4.06	0.61	179	1.15	0.2499
Have Pride in What My Community Has Done (C8AE3 )	3.77	0.85	3.92	0.84	205	1.16	0.2494
I Feel Close to Others in My Community (C8AE4 )	3.76	0.76	3.75	0.92	205	-0.09	0.9281
If I am Successful It Will Help My Comm (C8AE5 )	3.74	0.79	3.75	0.94	205	0.03	0.9752
Impt for Family/Commun I Succeed in Schl (C8AE6 )	4.09	0.87	4.06	0.97	205	-0.24	0.8105
Treated Differently b/c Mem of R/E Group (C8AE7 )	2.46	0.97	2.86	1.25	115	2.34	0.0212
Way I Look/Speak Influences Expectations (C8AE8 )	2.90	1.08	3.24	1.05	205	2.14	0.0337
Comm. Suffering from Lack of Opportunity (C8AE9 )	2.95	0.98	3.15	0.94	205	1.46	0.1446
Helps When Others in Comm are Successful (C8AE10 )	3.60	0.86	3.72	0.96	205	0.88	0.3807
Neg Ideas abt Abilities b/c mem of R/E G (C8AE11 )	2.44	0.93	2.72	1.10	205	1.92	0.0567
Work Hard/Good Grades respected by R/E G (C8AE12 )	3.66	0.95	3.73	0.93	205	0.51	0.6096
Y8 EIO Connectedness Scale (EIO8con )	3.83	0.63	3.88	0.56	205	0.66	0.5112
Y8 EIO Achievement Scale (EIO8ach )	3.77	0.68	3.81	0.74	205	0.38	0.7022
Y8 EIO Awareness Scale (EIO8awa )	2.69	0.69	2.99	0.74	205	2.94	0.0037

Comparison of Means for Normative and Control for All							
Variable	Normative		Control		DF	t Value	Pr >  t
	Mean	Std Dev	Mean	Std Dev			
Impt to be Member of Racial/Ethnic Group (C8AE1 )	3.94	1.01	3.71	1.13	383	-2.00	0.0460
I Feel That I am a Part of My Community (C8AE2 )	4.00	0.87	4.05	0.75	383	0.60	0.5504
Have Pride in What My Community Has Done (C8AE3 )	3.85	0.97	3.82	1.04	383	-0.35	0.7267
I Feel Close to Others in My Community (C8AE4 )	3.83	0.88	3.79	0.90	383	-0.51	0.6134
If I am Successful It Will Help My Comm (C8AE5 )	3.85	0.90	3.82	0.96	383	-0.22	0.8250
Impt for Family/Commun I Succeed in Schl (C8AE6 )	4.22	0.90	4.18	0.91	383	-0.34	0.7318
Treated Differently b/c Mem of R/E Group (C8AE7 )	2.66	1.15	2.95	1.22	383	2.26	0.0242
Way I Look/Speak Influences Expectations (C8AE8 )	3.08	1.19	3.33	1.16	383	1.96	0.0505
Comm. Suffering from Lack of Opportunity (C8AE9 )	3.13	1.09	3.15	1.03	383	0.16	0.8705
Helps When Others in Comm are Successful (C8AE10 )	3.75	0.90	3.76	0.96	383	0.15	0.8773
Neg Ideas abt Abilities b/c mem of R/E G (C8AE11 )	2.71	1.10	2.88	1.12	382	1.38	0.1685
Work Hard/Good Grades respected by R/E G (C8AE12 )	3.87	0.99	3.78	1.06	383	-0.84	0.4020
Y8 EIO Connectedness Scale (EIO8con )	3.91	0.70	3.84	0.62	383	-0.89	0.3723
Y8 EIO Achievement Scale (EIO8ach )	3.92	0.69	3.89	0.74	383	-0.43	0.6665
Y8 EIO Awareness Scale (EIO8awa )	2.90	0.83	3.08	0.78	383	2.06	0.0402

## V. Recommendations for Use

All of the subscales and items here may be used with African American and Caucasian youth. The coefficient alphas for the scales were lower than previously reported for the total sample and for African American youth. Nevertheless, it still appears reasonable to use these subscales for all groups mentioned. Given the small sample sized, it is not advisable to conduct analyses by ethnic group with youth who identify as Hispanic, Native American, or Other.

**VI. Item and Scale Means and SD's**

Descriptive Statistics for African American High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	58	3.57	1.22	1.00	5.00
C8AE2	I Feel That I am a Part of My Community	58	4.03	0.90	1.00	5.00
C8AE3	Have Pride in What My Community Has Done	58	3.67	1.25	1.00	5.00
C8AE4	I Feel Close to Others in My Community	58	3.84	0.89	1.00	5.00
C8AE5	If I am Successful It Will Help My Comm	58	3.90	1.00	1.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	58	4.34	0.81	1.00	5.00
C8AE7	Treated Differently b/c Mem of R/E Group	58	3.03	1.20	1.00	5.00
C8AE8	Way I Look/Speak Influences Expectations	58	3.41	1.28	1.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	58	3.12	1.14	1.00	5.00
C8AE10	Helps When Others in Comm are Successful	58	3.81	0.96	1.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	57	3.05	1.14	1.00	5.00
C8AE12	Work Hard/Good Grades respected by R/E G	58	3.81	1.22	1.00	5.00
EIO8con	Y8 EIO Connectedness Scale	58	3.78	0.69	1.75	5.00
EIO8ach	Y8 EIO Achievement Scale	58	3.97	0.72	2.00	5.00
EIO8awa	Y8 EIO Awareness Scale	58	3.16	0.82	1.25	5.00

Descriptive Statistics for African American Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	138	3.94	1.19	1.00	5.00
C8AE2	I Feel That I am a Part of My Community	138	4.06	0.95	1.00	5.00
C8AE3	Have Pride in What My Community Has Done	138	3.91	1.12	1.00	5.00
C8AE4	I Feel Close to Others in My Community	138	3.96	0.95	1.00	5.00
C8AE5	If I am Successful It Will Help My Comm	138	3.96	1.05	1.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	138	4.41	0.91	1.00	5.00
C8AE7	Treated Differently b/c Mem of R/E Group	138	2.99	1.26	1.00	5.00
C8AE8	Way I Look/Speak Influences Expectations	138	3.41	1.25	1.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	138	3.28	1.17	1.00	5.00
C8AE10	Helps When Others in Comm are Successful	138	3.94	0.90	1.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	137	3.07	1.19	1.00	5.00
C8AE12	Work Hard/Good Grades respected by R/E G	138	4.09	1.04	1.00	5.00
EIO8con	Y8 EIO Connectedness Scale	138	3.97	0.76	1.00	5.00
EIO8ach	Y8 EIO Achievement Scale	138	4.10	0.69	2.00	5.00
EIO8awa	Y8 EIO Awareness Scale	138	3.19	0.90	1.00	5.00

Descriptive Statistics for Caucasian High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	71	3.82	1.06	1.00	5.00
C8AE2	I Feel That I am a Part of My Community	71	4.06	0.61	3.00	5.00
C8AE3	Have Pride in What My Community Has Done	71	3.92	0.84	1.00	5.00
C8AE4	I Feel Close to Others in My Community	71	3.75	0.92	1.00	5.00
C8AE5	If I am Successful It Will Help My Comm	71	3.75	0.94	1.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	71	4.06	0.97	1.00	5.00
C8AE7	Treated Differently b/c Mem of R/E Group	71	2.86	1.25	1.00	5.00
C8AE8	Way I Look/Speak Influences Expectations	71	3.24	1.05	1.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	71	3.15	0.94	1.00	5.00
C8AE10	Helps When Others in Comm are Successful	71	3.72	0.96	1.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	71	2.72	1.10	1.00	5.00
C8AE12	Work Hard/Good Grades respected by R/E G	71	3.73	0.93	1.00	5.00
EIO8con	Y8 EIO Connectedness Scale	71	3.88	0.56	2.50	5.00
EIO8ach	Y8 EIO Achievement Scale	71	3.81	0.74	1.00	5.00
EIO8awa	Y8 EIO Awareness Scale	71	2.99	0.74	1.00	4.75

Descriptive Statistics for Caucasian Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	171	3.86	0.87	1.00	5.00
C8AE2	I Feel That I am a Part of My Community	171	3.96	0.75	1.00	5.00
C8AE3	Have Pride in What My Community Has Done	171	3.79	0.87	1.00	5.00
C8AE4	I Feel Close to Others in My Community	171	3.75	0.80	1.00	5.00
C8AE5	If I am Successful It Will Help My Comm	171	3.75	0.82	1.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	171	4.08	0.88	1.00	5.00
C8AE7	Treated Differently b/c Mem of R/E Group	171	2.53	1.04	1.00	5.00
C8AE8	Way I Look/Speak Influences Expectations	171	2.96	1.08	1.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	171	3.02	0.98	1.00	5.00
C8AE10	Helps When Others in Comm are Successful	171	3.61	0.90	1.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	171	2.52	0.99	1.00	5.00
C8AE12	Work Hard/Good Grades respected by R/E G	171	3.67	0.93	1.00	5.00
EIO8con	Y8 EIO Connectedness Scale	171	3.84	0.61	1.00	5.00
EIO8ach	Y8 EIO Achievement Scale	171	3.78	0.67	1.00	5.00
EIO8awa	Y8 EIO Awareness Scale	171	2.76	0.72	1.00	4.75

Descriptive Statistics for Other High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	2	4.00	1.41	3.00	5.00
C8AE2	I Feel That I am a Part of My Community	2	4.50	0.71	4.00	5.00
C8AE3	Have Pride in What My Community Has Done	2	4.50	0.71	4.00	5.00
C8AE4	I Feel Close to Others in My Community	2	3.50	0.71	3.00	4.00
C8AE5	If I am Successful It Will Help My Comm	2	4.50	0.71	4.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	2	4.00	1.41	3.00	5.00
C8AE7	Treated Differently b/c Mem of R/E Group	2	3.50	0.71	3.00	4.00
C8AE8	Way I Look/Speak Influences Expectations	2	4.00	1.41	3.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	2	4.00	1.41	3.00	5.00
C8AE10	Helps When Others in Comm are Successful	2	4.00	1.41	3.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	2	3.50	0.71	3.00	4.00
C8AE12	Work Hard/Good Grades respected by R/E G	2	4.50	0.71	4.00	5.00
EIO8con	Y8 EIO Connectedness Scale	2	4.13	0.88	3.50	4.75
EIO8ach	Y8 EIO Achievement Scale	2	4.25	1.06	3.50	5.00
EIO8awa	Y8 EIO Awareness Scale	2	3.75	1.06	3.00	4.50

Descriptive Statistics for Other Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	10	4.00	1.05	2.00	5.00
C8AE2	I Feel That I am a Part of My Community	10	3.80	0.79	3.00	5.00
C8AE3	Have Pride in What My Community Has Done	10	4.10	0.74	3.00	5.00
C8AE4	I Feel Close to Others in My Community	10	3.40	0.97	2.00	5.00
C8AE5	If I am Successful It Will Help My Comm	10	3.70	0.67	3.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	10	3.80	0.42	3.00	4.00
C8AE7	Treated Differently b/c Mem of R/E Group	10	2.40	1.35	1.00	5.00
C8AE8	Way I Look/Speak Influences Expectations	10	2.40	1.35	1.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	10	3.10	1.20	1.00	4.00
C8AE10	Helps When Others in Comm are Successful	10	3.50	0.71	3.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	10	2.40	0.97	1.00	4.00
C8AE12	Work Hard/Good Grades respected by R/E G	10	3.40	0.84	2.00	5.00
EIO8con	Y8 EIO Connectedness Scale	10	3.83	0.69	3.00	5.00
EIO8ach	Y8 EIO Achievement Scale	10	3.60	0.44	3.00	4.25
EIO8awa	Y8 EIO Awareness Scale	10	2.58	1.03	1.00	4.50

Descriptive Statistics for High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	131	3.71	1.13	1.00	5.00
C8AE2	I Feel That I am a Part of My Community	131	4.05	0.75	1.00	5.00
C8AE3	Have Pride in What My Community Has Done	131	3.82	1.04	1.00	5.00
C8AE4	I Feel Close to Others in My Community	131	3.79	0.90	1.00	5.00
C8AE5	If I am Successful It Will Help My Comm	131	3.82	0.96	1.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	131	4.18	0.91	1.00	5.00
C8AE7	Treated Differently b/c Mem of R/E Group	131	2.95	1.22	1.00	5.00
C8AE8	Way I Look/Speak Influences Expectations	131	3.33	1.16	1.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	131	3.15	1.03	1.00	5.00
C8AE10	Helps When Others in Comm are Successful	131	3.76	0.96	1.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	130	2.88	1.12	1.00	5.00
C8AE12	Work Hard/Good Grades respected by R/E G	131	3.78	1.06	1.00	5.00
EIO8con	Y8 EIO Connectedness Scale	131	3.84	0.62	1.75	5.00
EIO8ach	Y8 EIO Achievement Scale	131	3.89	0.74	1.00	5.00
EIO8awa	Y8 EIO Awareness Scale	131	3.08	0.78	1.00	5.00

Descriptive Statistics for Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C8AE1	Impt to be Member of Racial/Ethnic Group	319	3.90	1.02	1.00	5.00
C8AE2	I Feel That I am a Part of My Community	319	4.00	0.84	1.00	5.00
C8AE3	Have Pride in What My Community Has Done	319	3.85	0.98	1.00	5.00
C8AE4	I Feel Close to Others in My Community	319	3.83	0.88	1.00	5.00
C8AE5	If I am Successful It Will Help My Comm	319	3.84	0.92	1.00	5.00
C8AE6	Impt for Family/Commun I Succeed in Schl	319	4.21	0.90	1.00	5.00
C8AE7	Treated Differently b/c Mem of R/E Group	319	2.72	1.17	1.00	5.00
C8AE8	Way I Look/Speak Influences Expectations	319	3.14	1.19	1.00	5.00
C8AE9	Comm. Suffering from Lack of Opportunity	319	3.14	1.07	1.00	5.00
C8AE10	Helps When Others in Comm are Successful	319	3.75	0.91	1.00	5.00
C8AE11	Neg Ideas abt Abilities b/c mem of R/E G	318	2.75	1.11	1.00	5.00
C8AE12	Work Hard/Good Grades respected by R/E G	319	3.84	1.00	1.00	5.00
EIO8con	Y8 EIO Connectedness Scale	319	3.89	0.68	1.00	5.00
EIO8ach	Y8 EIO Achievement Scale	319	3.91	0.69	1.00	5.00
EIO8awa	Y8 EIO Awareness Scale	319	2.94	0.84	1.00	5.00



## VII. Scale Correlations

Note: Because of their small sample size, some ethnic groups were not used in comparisons by ethnic group.

### Correlations among African Americans

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C8AE1	C8AE2	C8AE3	C8AE4	C8AE5	C8AE6	C8AE7	C8AE8	C8AE9	C8AE10	C8AE11	C8AE12
<b>C8AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 166	0.381 0.000 166	0.173 0.026 166	0.220 0.004 166	0.184 0.018 166	0.222 0.004 166	0.207 0.007 166	0.175 0.024 166	0.259 0.001 166	0.184 0.018 166	0.307 0.000 165	0.414 0.000 166
<b>C8AE2</b> I Feel That I am a Part of My Community	0.381 0.000 166	1.000 0.000 166	0.366 0.000 166	0.407 0.000 166	0.385 0.000 166	0.369 0.000 166	0.080 0.307 166	0.111 0.156 166	0.181 0.019 166	0.277 0.000 166	0.149 0.057 165	0.160 0.039 166
<b>C8AE3</b> Have Pride in What My Community Has Done	0.173 0.026 166	0.366 0.000 166	1.000 0.000 166	0.499 0.000 166	0.379 0.000 166	0.293 0.000 166	0.104 0.181 166	0.102 0.191 166	0.077 0.325 166	0.338 0.000 166	0.123 0.115 165	0.364 0.000 166
<b>C8AE4</b> I Feel Close to Others in My Community	0.220 0.004 166	0.407 0.000 166	0.499 0.000 166	1.000 0.000 166	0.412 0.000 166	0.169 0.029 166	0.120 0.125 166	0.128 0.100 166	0.073 0.353 166	0.248 0.001 166	0.113 0.150 165	0.269 0.000 166
<b>C8AE5</b> If I am Successful It Will Help My Comm	0.184 0.018 166	0.385 0.000 166	0.379 0.000 166	0.412 0.000 166	1.000 0.000 166	0.286 0.000 166	0.136 0.080 166	0.252 0.001 166	0.132 0.091 166	0.417 0.000 166	0.160 0.040 165	0.284 0.000 166
<b>C8AE6</b> Impt for Family/Commun I Succeed in Schl	0.222 0.004 166	0.369 0.000 166	0.293 0.000 166	0.169 0.029 166	0.286 0.000 166	1.000 0.000 166	0.098 0.209 166	0.148 0.057 166	0.138 0.076 166	0.249 0.001 166	0.147 0.059 165	0.312 0.000 166
<b>C8AE7</b> Treated Differently b/c Mem of R/E Group	0.207 0.007 166	0.080 0.307 166	0.104 0.181 166	0.120 0.125 166	0.136 0.080 166	0.098 0.209 166	1.000 0.000 166	0.302 0.000 166	0.254 0.001 166	-0.013 0.871 166	0.630 0.000 165	0.150 0.054 166
<b>C8AE8</b> Way I Look/Speak Influences Expectations	0.175 0.024 166	0.111 0.156 166	0.102 0.191 166	0.128 0.100 166	0.252 0.001 166	0.148 0.057 166	0.302 0.000 166	1.000 0.000 166	0.292 0.000 166	0.107 0.169 166	0.264 0.001 165	0.139 0.075 166
<b>C8AE9</b> Comm. Suffering from Lack of Opportunity	0.259 0.001 166	0.181 0.019 166	0.077 0.325 166	0.073 0.353 166	0.132 0.091 166	0.138 0.076 166	0.254 0.001 166	0.292 0.000 166	1.000 0.000 166	0.069 0.378 166	0.313 0.000 165	0.187 0.016 166
<b>C8AE10</b> Helps When Others in Comm are Successful	0.184 0.018 166	0.277 0.000 166	0.338 0.000 166	0.248 0.001 166	0.417 0.000 166	0.249 0.001 166	-0.013 0.871 166	0.107 0.169 166	0.069 0.378 166	1.000 0.000 166	0.111 0.157 165	0.407 0.000 166
<b>C8AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.307 0.000 165	0.149 0.057 165	0.123 0.115 165	0.113 0.150 165	0.160 0.040 165	0.147 0.059 165	0.630 0.000 165	0.264 0.001 165	0.313 0.000 165	0.111 0.157 165	1.000 0.000 165	0.209 0.007 165
<b>C8AE12</b> Work Hard/Good Grades respected by R/E G	0.414 0.000 166	0.160 0.039 166	0.364 0.000 166	0.269 0.000 166	0.284 0.000 166	0.312 0.000 166	0.150 0.054 166	0.139 0.075 166	0.187 0.016 166	0.407 0.000 166	0.209 0.007 165	1.000 0.000 166

Pearson Correlation Coefficients, N = 166 Prob >  r  under H0: Rho=0			
	EIO8con	EIO8ach	EIO8awa
<b>EIO8con</b> Y8 EIO Connectedness Scale	1.000 0.000	0.589 0.000	0.290 0.000
<b>EIO8ach</b> Y8 EIO Achievement Scale	0.589 0.000	1.000	0.274 0.000
<b>EIO8awa</b> Y8 EIO Awareness Scale	0.290 0.000	0.274 0.000	1.000

## Correlations among Caucasians

Pearson Correlation Coefficients, N = 207 Prob >  r  under H0: Rho=0												
	C8AE1	C8AE2	C8AE3	C8AE4	C8AE5	C8AE6	C8AE7	C8AE8	C8AE9	C8AE10	C8AE11	C8AE12
<b>C8AE1</b> Impt to be Member of Racial/Ethnic Group	1.000	0.386 0.000	0.224 0.001	0.204 0.003	0.215 0.002	0.188 0.007	-0.084 0.231	0.003 0.962	-0.018 0.799	0.308 0.000	0.002 0.982	0.230 0.001
<b>C8AE2</b> I Feel That I am a Part of My Community	0.386 0.000	1.000	0.448 0.000	0.454 0.000	0.365 0.000	0.240 0.000	0.039 0.581	0.055 0.432	-0.135 0.053	0.419 0.000	-0.124 0.075	0.227 0.001
<b>C8AE3</b> Have Pride in What My Community Has Done	0.224 0.001	0.448 0.000	1.000	0.522 0.000	0.473 0.000	0.277 0.000	-0.020 0.772	0.120 0.084	-0.085 0.225	0.432 0.000	-0.105 0.134	0.397 0.000
<b>C8AE4</b> I Feel Close to Others in My Community	0.204 0.003	0.454 0.000	0.522 0.000	1.000	0.500 0.000	0.497 0.000	-0.068 0.330	-0.006 0.937	-0.025 0.725	0.580 0.000	-0.129 0.064	0.384 0.000
<b>C8AE5</b> If I am Successful It Will Help My Comm	0.215 0.002	0.365 0.000	0.473 0.000	0.500 0.000	1.000	0.390 0.000	-0.023 0.746	0.075 0.282	0.072 0.303	0.555 0.000	-0.032 0.643	0.426 0.000
<b>C8AE6</b> Impt for Family/Commun I Succeed in Schl	0.188 0.007	0.240 0.000	0.277 0.000	0.497 0.000	0.390 0.000	1.000	0.017 0.809	0.018 0.793	0.076 0.276	0.561 0.000	-0.079 0.260	0.467 0.000
<b>C8AE7</b> Treated Differently b/c Mem of R/E Group	-0.084 0.231	0.039 0.581	-0.020 0.772	-0.068 0.330	-0.023 0.746	0.017 0.809	1.000	0.380 0.000	0.202 0.003	-0.058 0.404	0.507 0.000	0.081 0.248
<b>C8AE8</b> Way I Look/Speak Influences Expectations	0.003 0.962	0.055 0.432	0.120 0.084	-0.006 0.937	0.075 0.282	0.018 0.793	0.380 0.000	1.000	0.275 0.000	0.022 0.751	0.271 0.000	0.197 0.004
<b>C8AE9</b> Comm. Suffering from Lack of Opportunity	-0.018 0.799	-0.135 0.053	-0.085 0.225	-0.025 0.725	0.072 0.303	0.076 0.276	0.202 0.003	0.275 0.000	1.000	0.059 0.402	0.242 0.000	0.065 0.349
<b>C8AE10</b> Helps When Others in Comm are Successful	0.308 0.000	0.419 0.000	0.432 0.000	0.580 0.000	0.555 0.000	0.561 0.000	-0.058 0.404	0.022 0.751	0.059 0.402	1.000	-0.073 0.299	0.522 0.000
<b>C8AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.002 0.982	-0.124 0.075	-0.105 0.134	-0.129 0.064	-0.032 0.643	-0.079 0.260	0.507 0.000	0.271 0.000	0.242 0.000	-0.073 0.299	1.000	-0.073 0.293
<b>C8AE12</b> Work Hard/Good Grades respected by R/E G	0.230 0.001	0.227 0.001	0.397 0.000	0.384 0.000	0.426 0.000	0.467 0.000	0.081 0.248	0.197 0.004	0.065 0.349	0.522 0.000	-0.073 0.293	1.000

Pearson Correlation Coefficients, N = 207 Prob >  r  under H0: Rho=0			
	EIO8con	EIO8ach	EIO8awa
<b>EIO8con</b> Y8 EIO Connectedness Scale	1.000	0.624 0.000	-0.067 0.340
<b>EIO8ach</b> Y8 EIO Achievement Scale	0.624 0.000	1.000	0.041 0.556
<b>EIO8awa</b> Y8 EIO Awareness Scale	-0.067 0.340	0.041 0.556	1.000

## Correlations among All Children

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C8AE1	C8AE2	C8AE3	C8AE4	C8AE5	C8AE6	C8AE7	C8AE8	C8AE9	C8AE10	C8AE11	C8AE12
<b>C8AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 385	0.394 0.000 385	0.196 0.000 385	0.214 0.000 385	0.208 0.000 385	0.205 0.000 385	0.073 0.153 385	0.099 0.052 385	0.139 0.006 385	0.256 0.000 385	0.162 0.001 384	0.331 0.000 385
<b>C8AE2</b> I Feel That I am a Part of My Community	0.394 0.000 385	1.000 0.000 385	0.403 0.000 385	0.431 0.000 385	0.387 0.000 385	0.304 0.000 385	0.066 0.198 385	0.092 0.071 385	0.044 0.390 385	0.360 0.000 385	0.036 0.487 384	0.202 0.000 385
<b>C8AE3</b> Have Pride in What My Community Has Done	0.196 0.000 385	0.403 0.000 385	1.000 0.000 385	0.503 0.000 385	0.419 0.000 385	0.271 0.000 385	0.038 0.454 385	0.092 0.070 385	0.004 0.941 385	0.374 0.000 385	0.021 0.682 384	0.359 0.000 385
<b>C8AE4</b> I Feel Close to Others in My Community	0.214 0.000 385	0.431 0.000 385	0.503 0.000 385	1.000 0.000 385	0.459 0.000 385	0.342 0.000 385	0.023 0.658 385	0.060 0.237 385	0.021 0.676 385	0.426 0.000 385	0.007 0.886 384	0.329 0.000 385
<b>C8AE5</b> If I am Successful It Will Help My Comm	0.208 0.000 385	0.387 0.000 385	0.419 0.000 385	0.459 0.000 385	1.000 0.000 385	0.346 0.000 385	0.072 0.160 385	0.176 0.001 385	0.112 0.028 385	0.498 0.000 385	0.093 0.069 384	0.364 0.000 385
<b>C8AE6</b> Impt for Family/Commun I Succeed in Schl	0.205 0.000 385	0.304 0.000 385	0.271 0.000 385	0.342 0.000 385	0.346 0.000 385	1.000 0.000 385	0.086 0.092 385	0.114 0.025 385	0.132 0.010 385	0.431 0.000 385	0.079 0.121 384	0.412 0.000 385
<b>C8AE7</b> Treated Differently b/c Mem of R/E Group	0.073 0.153 385	0.066 0.198 385	0.038 0.454 385	0.023 0.658 385	0.072 0.160 385	0.086 0.092 385	1.000 0.000 385	0.379 0.000 385	0.256 0.000 385	-0.012 0.816 385	0.590 0.000 384	0.146 0.004 385
<b>C8AE8</b> Way I Look/Speak Influences Expectations	0.099 0.052 385	0.092 0.071 385	0.092 0.070 385	0.060 0.237 385	0.176 0.001 385	0.114 0.025 385	0.379 0.000 385	1.000 0.000 385	0.308 0.000 385	0.087 0.088 385	0.307 0.000 384	0.200 0.000 385
<b>C8AE9</b> Comm. Suffering from Lack of Opportunity	0.139 0.006 385	0.044 0.390 385	0.004 0.941 385	0.021 0.676 385	0.112 0.028 385	0.132 0.010 385	0.256 0.000 385	0.308 0.000 385	1.000 0.000 385	0.080 0.117 385	0.302 0.000 384	0.155 0.002 385
<b>C8AE10</b> Helps When Others in Comm are Successful	0.256 0.000 385	0.360 0.000 385	0.374 0.000 385	0.426 0.000 385	0.498 0.000 385	0.431 0.000 385	-0.012 0.816 385	0.087 0.088 385	0.080 0.117 385	1.000 0.000 385	0.049 0.342 384	0.479 0.000 385
<b>C8AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.162 0.001 384	0.036 0.487 384	0.021 0.682 384	0.007 0.886 384	0.093 0.069 384	0.079 0.121 384	0.590 0.000 384	0.307 0.000 384	0.302 0.000 384	0.049 0.342 384	1.000 0.000 384	0.118 0.021 384
<b>C8AE12</b> Work Hard/Good Grades respected by R/E G	0.331 0.000 385	0.202 0.000 385	0.359 0.000 385	0.329 0.000 385	0.364 0.000 385	0.412 0.000 385	0.146 0.004 385	0.200 0.000 385	0.155 0.002 385	0.479 0.000 385	0.118 0.021 384	1.000 0.000 385

Pearson Correlation Coefficients, N = 385 Prob >  r  under H0: Rho=0			
	EIO8con	EIO8ach	EIO8awa
<b>EIO8con</b> Y8 EIO Connectedness Scale	1.000 0.000	0.602 0.000	0.122 0.017
<b>EIO8ach</b> Y8 EIO Achievement Scale	0.602 0.000	1.000	0.197 0.000
<b>EIO8awa</b> Y8 EIO Awareness Scale	0.122 0.017	0.197 0.000	1.000

## Correlations among Normative Sample

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C8AE1	C8AE2	C8AE3	C8AE4	C8AE5	C8AE6	C8AE7	C8AE8	C8AE9	C8AE10	C8AE11	C8AE12
<b>C8AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 319	0.418 0.000 319	0.257 0.000 319	0.209 0.000 319	0.182 0.001 319	0.195 0.000 319	0.061 0.279 319	0.133 0.018 319	0.127 0.023 319	0.267 0.000 319	0.129 0.022 318	0.367 0.000 319
<b>C8AE2</b> I Feel That I am a Part of My Community	0.418 0.000 319	1.000 0.000 319	0.431 0.000 319	0.440 0.000 319	0.410 0.000 319	0.316 0.000 319	0.037 0.507 319	0.066 0.239 319	0.046 0.417 319	0.413 0.000 319	0.043 0.447 318	0.208 0.000 319
<b>C8AE3</b> Have Pride in What My Community Has Done	0.257 0.000 319	0.431 0.000 319	1.000 0.000 319	0.524 0.000 319	0.475 0.000 319	0.303 0.000 319	0.074 0.189 319	0.101 0.073 319	0.025 0.653 319	0.423 0.000 319	0.056 0.319 318	0.380 0.000 319
<b>C8AE4</b> I Feel Close to Others in My Community	0.209 0.000 319	0.440 0.000 319	0.524 0.000 319	1.000 0.000 319	0.466 0.000 319	0.306 0.000 319	0.031 0.582 319	0.071 0.208 319	0.012 0.838 319	0.440 0.000 319	-0.001 0.989 318	0.261 0.000 319
<b>C8AE5</b> If I am Successful It Will Help My Comm	0.182 0.001 319	0.410 0.000 319	0.475 0.000 319	0.466 0.000 319	1.000 0.000 319	0.296 0.000 319	0.101 0.072 319	0.221 0.000 319	0.118 0.035 319	0.480 0.000 319	0.102 0.071 318	0.372 0.000 319
<b>C8AE6</b> Impt for Family/Commun I Succeed in Schl	0.195 0.000 319	0.316 0.000 319	0.303 0.000 319	0.306 0.000 319	0.296 0.000 319	1.000 0.000 319	0.113 0.043 319	0.161 0.004 319	0.126 0.024 319	0.394 0.000 319	0.091 0.106 318	0.400 0.000 319
<b>C8AE7</b> Treated Differently b/c Mem of R/E Group	0.061 0.279 319	0.037 0.507 319	0.074 0.189 319	0.031 0.582 319	0.101 0.072 319	0.113 0.043 319	1.000 0.000 319	0.414 0.000 319	0.288 0.000 319	0.018 0.755 319	0.607 0.000 318	0.162 0.004 319
<b>C8AE8</b> Way I Look/Speak Influences Expectations	0.133 0.018 319	0.066 0.239 319	0.101 0.073 319	0.071 0.208 319	0.221 0.000 319	0.161 0.004 319	0.414 0.000 319	1.000 0.000 319	0.357 0.000 319	0.152 0.007 319	0.371 0.000 318	0.270 0.000 319
<b>C8AE9</b> Comm. Suffering from Lack of Opportunity	0.127 0.023 319	0.046 0.417 319	0.025 0.653 319	0.012 0.838 319	0.118 0.035 319	0.126 0.024 319	0.288 0.000 319	0.357 0.000 319	1.000 0.000 319	0.032 0.564 319	0.281 0.000 318	0.153 0.006 319
<b>C8AE10</b> Helps When Others in Comm are Successful	0.267 0.000 319	0.413 0.000 319	0.423 0.000 319	0.440 0.000 319	0.480 0.000 319	0.394 0.000 319	0.018 0.755 319	0.152 0.007 319	0.032 0.564 319	1.000 0.000 319	0.051 0.363 318	0.495 0.000 319
<b>C8AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.129 0.022 318	0.043 0.447 318	0.056 0.319 318	-0.001 0.989 318	0.102 0.071 318	0.091 0.106 318	0.607 0.000 318	0.371 0.000 318	0.281 0.000 318	0.051 0.363 318	1.000 0.000 318	0.107 0.056 318
<b>C8AE12</b> Work Hard/Good Grades respected by R/E G	0.367 0.000 319	0.208 0.000 319	0.380 0.000 319	0.261 0.000 319	0.372 0.000 319	0.400 0.000 319	0.162 0.004 319	0.270 0.000 319	0.153 0.006 319	0.495 0.000 319	0.107 0.056 318	1.000 0.000 319

Pearson Correlation Coefficients, N = 319 Prob >  r  under H0: Rho=0			
	EIO8con	EIO8ach	EIO8awa
<b>EIO8con</b> Y8 EIO Connectedness Scale	1.000 0.000	0.619 0.000	0.121 0.031
<b>EIO8ach</b> Y8 EIO Achievement Scale	0.619 0.000	1.000	0.230 0.000
<b>EIO8awa</b> Y8 EIO Awareness Scale	0.121 0.031	0.230 0.000	1.000

## Correlations among Control Sample

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C8AE1	C8AE2	C8AE3	C8AE4	C8AE5	C8AE6	C8AE7	C8AE8	C8AE9	C8AE10	C8AE11	C8AE12
<b>C8AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 131	0.336 0.000 131	0.078 0.374 131	0.082 0.353 131	0.150 0.087 131	0.119 0.176 131	0.134 0.128 131	0.044 0.620 131	0.189 0.031 131	0.191 0.029 131	0.247 0.005 130	0.279 0.001 131
<b>C8AE2</b> I Feel That I am a Part of My Community	0.336 0.000 131	1.000 0.000 131	0.269 0.002 131	0.302 0.000 131	0.162 0.064 131	0.257 0.003 131	0.130 0.139 131	0.175 0.046 131	0.019 0.827 131	0.179 0.041 131	0.052 0.559 130	0.170 0.052 131
<b>C8AE3</b> Have Pride in What My Community Has Done	0.078 0.374 131	0.269 0.002 131	1.000 0.000 131	0.374 0.000 131	0.312 0.000 131	0.198 0.024 131	0.023 0.799 131	0.088 0.317 131	-0.045 0.608 131	0.302 0.000 131	-0.039 0.657 130	0.407 0.000 131
<b>C8AE4</b> I Feel Close to Others in My Community	0.082 0.353 131	0.302 0.000 131	0.374 0.000 131	1.000 0.000 131	0.319 0.000 131	0.432 0.000 131	0.074 0.404 131	0.045 0.606 131	0.043 0.622 131	0.367 0.000 131	0.103 0.242 130	0.440 0.000 131
<b>C8AE5</b> If I am Successful It Will Help My Comm	0.150 0.087 131	0.162 0.064 131	0.312 0.000 131	0.319 0.000 131	1.000 0.000 131	0.388 0.000 131	0.018 0.837 131	0.052 0.556 131	0.066 0.456 131	0.453 0.000 131	0.043 0.624 130	0.300 0.001 131
<b>C8AE6</b> Impt for Family/Commun I Succeed in Schl	0.119 0.176 131	0.257 0.003 131	0.198 0.024 131	0.432 0.000 131	0.388 0.000 131	1.000 0.000 131	0.064 0.464 131	0.015 0.861 131	0.166 0.058 131	0.517 0.000 131	0.121 0.171 130	0.440 0.000 131
<b>C8AE7</b> Treated Differently b/c Mem of R/E Group	0.134 0.128 131	0.130 0.139 131	0.023 0.799 131	0.074 0.404 131	0.018 0.837 131	0.064 0.464 131	1.000 0.003 131	0.258 0.003 131	0.159 0.069 131	-0.037 0.673 131	0.556 0.000 130	0.199 0.023 131
<b>C8AE8</b> Way I Look/Speak Influences Expectations	0.044 0.620 131	0.175 0.046 131	0.088 0.317 131	0.045 0.606 131	0.052 0.556 131	0.015 0.861 131	0.258 0.003 131	1.000 0.003 131	0.195 0.025 131	-0.102 0.244 131	0.221 0.011 130	-0.034 0.698 131
<b>C8AE9</b> Comm. Suffering from Lack of Opportunity	0.189 0.031 131	0.019 0.827 131	-0.045 0.608 131	0.043 0.622 131	0.066 0.456 131	0.166 0.058 131	0.159 0.069 131	0.195 0.025 131	1.000 0.165 131	0.122 0.165 131	0.412 0.000 130	0.108 0.219 131
<b>C8AE10</b> Helps When Others in Comm are Successful	0.191 0.029 131	0.179 0.041 131	0.302 0.000 131	0.367 0.000 131	0.453 0.000 131	0.517 0.000 131	-0.037 0.673 131	-0.102 0.244 131	0.122 0.165 131	1.000 0.165 131	0.080 0.364 130	0.484 0.000 131
<b>C8AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.247 0.005 130	0.052 0.559 130	-0.039 0.657 130	0.103 0.242 130	0.043 0.624 130	0.121 0.171 130	0.556 0.000 130	0.221 0.011 130	0.412 0.000 130	0.080 0.364 130	1.000 0.130 130	0.159 0.072 130
<b>C8AE12</b> Work Hard/Good Grades respected by R/E G	0.279 0.001 131	0.170 0.052 131	0.407 0.000 131	0.440 0.000 131	0.300 0.001 131	0.440 0.000 131	0.199 0.023 131	-0.034 0.698 131	0.108 0.219 131	0.484 0.000 131	0.159 0.072 130	1.000 0.131 131

Pearson Correlation Coefficients, N = 131 Prob >  r  under H0: Rho=0			
	EIO8con	EIO8ach	EIO8awa
<b>EIO8con</b> Y8 EIO Connectedness Scale	1.000 0.000	0.547 0.000	0.178 0.041
<b>EIO8ach</b> Y8 EIO Achievement Scale	0.547 0.000	1.000	0.123 0.161
<b>EIO8awa</b> Y8 EIO Awareness Scale	0.178 0.041	0.123 0.161	1.000