

**Ethnic Identity-Oyserman**  
Grade 8/Year 9  
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. (2003). Ethnic Identity-Oyserman (Technical Report) [On-line]. Available: <http://www.fasttrackproject.org/>

**Data Sources**

Raw: C9AE

Scored: EIO9

**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, 96 records were missing the whole measure. Twenty nine were missing from the control sample (5 from Durham, 9 from Nashville, 7 from Pennsylvania, and 8 from Washington) and 83 were missing from the normative sample (15 from Durham, 30 from Nashville, 18 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.

Cronbach's Alpha for Scales			
Variable		Normative	High Risk Control
Y9 EIO Connectedness Scale	(EIO9con )	0.79	0.76
Y9 EIO Achievement Scale	(EIO9ach )	0.79	0.76
Y9 EIO Awareness Scale	(EIO9awa )	0.71	0.64

Cronbach's Alpha for Scales - By Race			
Variable		African-American	Caucasian
Y9 EIO Connectedness Scale	(EIO9con )	0.78	0.78
Y9 EIO Achievement Scale	(EIO9ach )	0.81	0.75
Y9 EIO Awareness Scale	(EIO9awa )	0.71	0.64

#### 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 African American youth revealed no significant differences between normative and their high-risk control counterparts across items and scales.

High-risk control Caucasian youth had higher scores on Item 7, Item 11 and Awareness, compared to Normative Caucasian youth.

High-risk control youth had higher scores on Item 7 compared to normative youth.

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 (C9AE1 )	4.14	0.97	3.93	1.05	159	-1.29	0.1986
I Feel That I am a Part of My Community (C9AE2 )	4.01	1.02	3.71	1.13	159	-1.71	0.0899
Have Pride in What My Community Has Done (C9AE3 )	3.76	1.17	3.71	1.17	159	-0.28	0.7768
I Feel Close to Others in My Community (C9AE4 )	3.77	1.07	3.76	1.17	159	-0.05	0.9569
If I am Successful It Will Help My Comm (C9AE5 )	3.83	1.07	3.71	1.24	158	-0.63	0.5267
Impt for Family/Commun I Succeed in Schl (C9AE6 )	4.31	0.88	4.16	1.00	159	-0.97	0.3349
Treated Differently b/c Mem of R/E Group (C9AE7 )	2.98	1.21	3.15	1.30	159	0.80	0.4267
Way I Look/Speak Influences Expectations (C9AE8 )	3.59	1.20	3.31	1.26	159	-1.41	0.1620
Comm. Suffering from Lack of Opportunity (C9AE9 )	3.42	1.20	3.58	1.12	159	0.85	0.3940
Helps When Others in Comm are Successful (C9AE10 )	3.83	1.08	3.65	1.14	159	-0.96	0.3393
Neg Ideas abt Abilities b/c mem of R/E G (C9AE11 )	3.06	1.28	3.18	1.22	159	0.60	0.5502
Work Hard/Good Grades respected by R/E G (C9AE12 )	3.92	1.16	3.85	1.21	159	-0.31	0.7577

Comparison of Means for Normative and Control for African Americans								
Variable	Normative		Control		DF	t Value	Pr >  t	
	Mean	Std Dev	Mean	Std Dev				
Y9 EIO Connectedness Scale (EIO9con )	3.92	0.86	3.78	0.81	159	-1.04	0.3010	
Y9 EIO Achievement Scale (EIO9ach )	3.96	0.86	3.85	0.90	159	-0.81	0.4217	
Y9 EIO Awareness Scale (EIO9awa )	3.26	0.90	3.30	0.89	159	0.29	0.7749	

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 (C9AE1 )	3.84	0.86	3.75	0.98	191	-0.63	0.5310	
I Feel That I am a Part of My Community (C9AE2 )	3.94	0.66	3.84	0.82	118	-0.83	0.4096	
Have Pride in What My Community Has Done (C9AE3 )	3.74	0.78	3.83	0.80	191	0.71	0.4799	
I Feel Close to Others in My Community (C9AE4 )	3.70	0.84	3.67	0.82	191	-0.28	0.7793	
If I am Successful It Will Help My Comm (C9AE5 )	3.73	0.82	3.80	0.96	191	0.48	0.6300	
Impt for Family/Commun I Succeed in Schl (C9AE6 )	4.09	0.81	4.14	0.91	191	0.44	0.6585	
Treated Differently b/c Mem of R/E Group (C9AE7 )	2.55	1.12	2.94	1.24	191	2.25	0.0254	
Way I Look/Speak Influences Expectations (C9AE8 )	2.98	1.14	3.25	1.28	191	1.47	0.1438	
Comm. Suffering from Lack of Opportunity (C9AE9 )	3.07	1.01	3.13	1.03	190	0.43	0.6685	
Helps When Others in Comm are Successful (C9AE10 )	3.70	0.82	3.65	0.97	191	-0.38	0.7066	
Neg Ideas abt Abilities b/c mem of R/E G (C9AE11 )	2.31	1.02	2.71	1.06	190	2.58	0.0105	
Work Hard/Good Grades respected by R/E G (C9AE12 )	3.77	0.79	3.67	0.90	191	-0.80	0.4259	
Y9 EIO Connectedness Scale (EIO9con )	3.80	0.59	3.77	0.70	191	-0.34	0.7307	
Y9 EIO Achievement Scale (EIO9ach )	3.82	0.61	3.82	0.71	191	-0.08	0.9396	
Y9 EIO Awareness Scale (EIO9awa )	2.72	0.78	3.01	0.74	191	2.52	0.0124	

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 (C9AE1 )	3.97	0.93	3.83	1.01	365	-1.26	0.2074	
I Feel That I am a Part of My Community (C9AE2 )	3.95	0.86	3.79	0.97	365	-1.67	0.0967	
Have Pride in What My Community Has Done (C9AE3 )	3.76	0.98	3.77	0.99	365	0.10	0.9226	
I Feel Close to Others in My Community (C9AE4 )	3.74	0.96	3.72	0.98	365	-0.19	0.8471	
If I am Successful It Will Help My Comm (C9AE5 )	3.77	0.97	3.78	1.09	364	0.10	0.9208	
Impt for Family/Commun I Succeed in Schl (C9AE6 )	4.21	0.84	4.17	0.94	365	-0.42	0.6715	
Treated Differently b/c Mem of R/E Group (C9AE7 )	2.71	1.19	3.00	1.28	365	2.20	0.0285	
Way I Look/Speak Influences Expectations (C9AE8 )	3.28	1.21	3.25	1.27	365	-0.18	0.8590	
Comm. Suffering from Lack of Opportunity (C9AE9 )	3.21	1.12	3.31	1.10	364	0.79	0.4277	
Helps When Others in Comm are Successful (C9AE10 )	3.76	0.95	3.67	1.04	365	-0.86	0.3926	
Neg Ideas abt Abilities b/c mem of R/E G (C9AE11 )	2.65	1.20	2.89	1.17	364	1.79	0.0736	
Work Hard/Good Grades respected by R/E G (C9AE12 )	3.84	0.98	3.74	1.07	365	-0.90	0.3685	

Comparison of Means for Normative and Control for All								
Variable	Normative		Control		DF	t Value	Pr >  t	
	Mean	Std Dev	Mean	Std Dev				
Y9 EIO Connectedness Scale (EIO9con )	3.85	0.74	3.78	0.75	365	-0.94	0.3469	
Y9 EIO Achievement Scale (EIO9ach )	3.89	0.74	3.84	0.79	365	-0.62	0.5361	
Y9 EIO Awareness Scale (EIO9awa )	2.96	0.88	3.11	0.84	365	1.65	0.0994	

## 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 higher than previously reported in an earlier version of the year 9 technical report. Given their small sample sizes, 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
C9AE1	Impt to be Member of Racial/Ethnic Group	55	3.93	1.05	1.00	5.00
C9AE2	I Feel That I am a Part of My Community	55	3.71	1.13	1.00	5.00
C9AE3	Have Pride in What My Community Has Done	55	3.71	1.17	1.00	5.00
C9AE4	I Feel Close to Others in My Community	55	3.76	1.17	1.00	5.00
C9AE5	If I am Successful It Will Help My Comm	55	3.71	1.24	1.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	55	4.16	1.00	1.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	55	3.15	1.30	1.00	5.00
C9AE8	Way I Look/Speak Influences Expectations	55	3.31	1.26	1.00	5.00
C9AE9	Comm. Suffering from Lack of Opportunity	55	3.58	1.12	1.00	5.00
C9AE10	Helps When Others in Comm are Successful	55	3.65	1.14	1.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	55	3.18	1.22	1.00	5.00
C9AE12	Work Hard/Good Grades respected by R/E G	55	3.85	1.21	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	55	3.78	0.81	1.25	5.00
EIO9ach	Y9 EIO Achievement Scale	55	3.85	0.90	1.00	5.00
EIO9awa	Y9 EIO Awareness Scale	55	3.30	0.89	1.50	5.00

Descriptive Statistics for African American Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C9AE1	Impt to be Member of Racial/Ethnic Group	135	4.09	1.00	1.00	5.00
C9AE2	I Feel That I am a Part of My Community	135	3.96	1.03	1.00	5.00
C9AE3	Have Pride in What My Community Has Done	135	3.79	1.12	1.00	5.00
C9AE4	I Feel Close to Others in My Community	135	3.79	1.08	1.00	5.00
C9AE5	If I am Successful It Will Help My Comm	134	3.83	1.07	1.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	135	4.28	0.88	1.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	135	2.98	1.21	1.00	5.00
C9AE8	Way I Look/Speak Influences Expectations	135	3.52	1.23	1.00	5.00
C9AE9	Comm. Suffering from Lack of Opportunity	135	3.43	1.18	1.00	5.00
C9AE10	Helps When Others in Comm are Successful	135	3.81	1.08	1.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	135	3.08	1.23	1.00	5.00
C9AE12	Work Hard/Good Grades respected by R/E G	135	3.90	1.15	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	135	3.91	0.84	1.00	5.00
EIO9ach	Y9 EIO Achievement Scale	135	3.95	0.86	1.00	5.00
EIO9awa	Y9 EIO Awareness Scale	135	3.25	0.90	1.00	5.00

Descriptive Statistics for Caucasian High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C9AE1	Impt to be Member of Racial/Ethnic Group	69	3.75	0.98	1.00	5.00
C9AE2	I Feel That I am a Part of My Community	69	3.84	0.82	1.00	5.00
C9AE3	Have Pride in What My Community Has Done	69	3.83	0.80	2.00	5.00
C9AE4	I Feel Close to Others in My Community	69	3.67	0.82	1.00	5.00
C9AE5	If I am Successful It Will Help My Comm	69	3.80	0.96	1.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	69	4.14	0.91	2.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	69	2.94	1.24	1.00	5.00
C9AE8	Way I Look/Speak Influences Expectations	69	3.25	1.28	1.00	5.00
C9AE9	Comm. Suffering from Lack of Opportunity	69	3.13	1.03	1.00	5.00
C9AE10	Helps When Others in Comm are Successful	69	3.65	0.97	1.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	69	2.71	1.06	1.00	5.00
C9AE12	Work Hard/Good Grades respected by R/E G	69	3.67	0.90	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	69	3.77	0.70	2.00	5.00
EIO9ach	Y9 EIO Achievement Scale	69	3.82	0.71	2.00	5.00
EIO9awa	Y9 EIO Awareness Scale	69	3.01	0.74	1.00	4.75

Descriptive Statistics for Caucasian Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C9AE1	Impt to be Member of Racial/Ethnic Group	157	3.78	0.89	1.00	5.00
C9AE2	I Feel That I am a Part of My Community	157	3.90	0.66	2.00	5.00
C9AE3	Have Pride in What My Community Has Done	157	3.76	0.79	2.00	5.00
C9AE4	I Feel Close to Others in My Community	157	3.69	0.83	1.00	5.00
C9AE5	If I am Successful It Will Help My Comm	157	3.76	0.83	2.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	157	4.11	0.80	1.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	157	2.64	1.13	1.00	5.00
C9AE8	Way I Look/Speak Influences Expectations	157	3.08	1.16	1.00	5.00
C9AE9	Comm. Suffering from Lack of Opportunity	156	3.07	1.00	1.00	5.00
C9AE10	Helps When Others in Comm are Successful	157	3.70	0.84	1.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	156	2.40	1.02	1.00	5.00
C9AE12	Work Hard/Good Grades respected by R/E G	157	3.75	0.80	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	157	3.78	0.61	2.25	5.00
EIO9ach	Y9 EIO Achievement Scale	157	3.83	0.61	2.25	5.00
EIO9awa	Y9 EIO Awareness Scale	157	2.79	0.77	1.00	4.75

Descriptive Statistics for Other High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C9AE1	Impt to be Member of Racial/Ethnic Group	2	4.00	1.41	3.00	5.00
C9AE2	I Feel That I am a Part of My Community	2	4.00	1.41	3.00	5.00
C9AE3	Have Pride in What My Community Has Done	2	3.50	2.12	2.00	5.00
C9AE4	I Feel Close to Others in My Community	2	4.50	0.71	4.00	5.00
C9AE5	If I am Successful It Will Help My Comm	2	5.00	0.00	5.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	2	5.00	0.00	5.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	2	1.00	0.00	1.00	1.00
C9AE8	Way I Look/Speak Influences Expectations	2	2.00	1.41	1.00	3.00
C9AE9	Comm. Suffering from Lack of Opportunity	2	2.00	1.41	1.00	3.00
C9AE10	Helps When Others in Comm are Successful	2	4.50	0.71	4.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	2	1.00	0.00	1.00	1.00
C9AE12	Work Hard/Good Grades respected by R/E G	2	3.00	2.83	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	2	4.00	1.41	3.00	5.00
EIO9ach	Y9 EIO Achievement Scale	2	4.38	0.88	3.75	5.00
EIO9awa	Y9 EIO Awareness Scale	2	1.50	0.00	1.50	1.50

Descriptive Statistics for Other Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C9AE1	Impt to be Member of Racial/Ethnic Group	12	3.67	1.15	1.00	5.00
C9AE2	I Feel That I am a Part of My Community	12	3.50	1.09	2.00	5.00
C9AE3	Have Pride in What My Community Has Done	12	3.75	1.14	2.00	5.00
C9AE4	I Feel Close to Others in My Community	12	3.92	1.08	2.00	5.00
C9AE5	If I am Successful It Will Help My Comm	12	3.67	1.50	1.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	12	4.58	0.51	4.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	12	1.75	0.97	1.00	4.00
C9AE8	Way I Look/Speak Influences Expectations	12	3.33	1.44	1.00	5.00
C9AE9	Comm. Suffering from Lack of Opportunity	12	2.92	1.16	1.00	5.00
C9AE10	Helps When Others in Comm are Successful	12	3.75	1.06	2.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	12	2.50	1.24	1.00	5.00
C9AE12	Work Hard/Good Grades respected by R/E G	12	3.67	1.23	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	12	3.71	1.00	1.75	5.00
EIO9ach	Y9 EIO Achievement Scale	12	3.92	0.81	2.50	5.00
EIO9awa	Y9 EIO Awareness Scale	12	2.63	0.74	1.50	4.00

Descriptive Statistics for High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C9AE1	Impt to be Member of Racial/Ethnic Group	126	3.83	1.01	1.00	5.00
C9AE2	I Feel That I am a Part of My Community	126	3.79	0.97	1.00	5.00
C9AE3	Have Pride in What My Community Has Done	126	3.77	0.99	1.00	5.00
C9AE4	I Feel Close to Others in My Community	126	3.72	0.98	1.00	5.00
C9AE5	If I am Successful It Will Help My Comm	126	3.78	1.09	1.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	126	4.17	0.94	1.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	126	3.00	1.28	1.00	5.00
C9AE8	Way I Look/Speak Influences Expectations	126	3.25	1.27	1.00	5.00
C9AE9	Comm. Suffering from Lack of Opportunity	126	3.31	1.10	1.00	5.00
C9AE10	Helps When Others in Comm are Successful	126	3.67	1.04	1.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	126	2.89	1.17	1.00	5.00
C9AE12	Work Hard/Good Grades respected by R/E G	126	3.74	1.07	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	126	3.78	0.75	1.25	5.00
EIO9ach	Y9 EIO Achievement Scale	126	3.84	0.79	1.00	5.00
EIO9awa	Y9 EIO Awareness Scale	126	3.11	0.84	1.00	5.00

Descriptive Statistics for Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C9AE1	Impt to be Member of Racial/Ethnic Group	304	3.91	0.96	1.00	5.00
C9AE2	I Feel That I am a Part of My Community	304	3.91	0.86	1.00	5.00
C9AE3	Have Pride in What My Community Has Done	304	3.78	0.96	1.00	5.00
C9AE4	I Feel Close to Others in My Community	304	3.74	0.96	1.00	5.00
C9AE5	If I am Successful It Will Help My Comm	303	3.79	0.97	1.00	5.00
C9AE6	Impt for Family/Commun I Succeed in Schl	304	4.20	0.83	1.00	5.00
C9AE7	Treated Differently b/c Mem of R/E Group	304	2.76	1.19	1.00	5.00
C9AE8	Way I Look/Speak Influences Expectations	304	3.28	1.22	1.00	5.00
C9AE9	Comm. Suffering from Lack of Opportunity	303	3.22	1.10	1.00	5.00
C9AE10	Helps When Others in Comm are Successful	304	3.75	0.96	1.00	5.00
C9AE11	Neg Ideas abt Abilities b/c mem of R/E G	303	2.71	1.17	1.00	5.00
C9AE12	Work Hard/Good Grades respected by R/E G	304	3.82	0.99	1.00	5.00
EIO9con	Y9 EIO Connectedness Scale	304	3.84	0.73	1.00	5.00
EIO9ach	Y9 EIO Achievement Scale	304	3.89	0.74	1.00	5.00
EIO9awa	Y9 EIO Awareness Scale	304	2.99	0.86	1.00	5.00



## Scale Correlations

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

### Correlations for African Americans

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C9AE1	C9AE2	C9AE3	C9AE4	C9AE5	C9AE6	C9AE7	C9AE8	C9AE9	C9AE10	C9AE11	C9AE12
<b>C9AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 161	0.428 0.000 161	0.418 0.000 161	0.184 0.019 161	0.443 0.000 160	0.409 0.000 161	0.164 0.037 161	0.217 0.006 161	0.249 0.001 161	0.416 0.000 161	0.278 0.000 161	0.490 0.000 161
<b>C9AE2</b> I Feel That I am a Part of My Community	0.428 0.000 161	1.000 0.000 161	0.621 0.000 161	0.492 0.000 161	0.604 0.000 160	0.376 0.000 161	0.306 0.000 161	0.184 0.019 161	0.120 0.128 161	0.381 0.000 161	0.301 0.000 161	0.331 0.000 161
<b>C9AE3</b> Have Pride in What My Community Has Done	0.418 0.000 161	0.621 0.000 161	1.000 0.000 161	0.626 0.000 161	0.684 0.000 160	0.419 0.000 161	0.323 0.000 161	0.151 0.056 161	0.038 0.630 161	0.393 0.000 161	0.300 0.000 161	0.455 0.000 161
<b>C9AE4</b> I Feel Close to Others in My Community	0.184 0.019 161	0.492 0.000 161	0.626 0.000 161	1.000 0.000 161	0.562 0.000 160	0.276 0.000 161	0.221 0.005 161	0.201 0.011 161	0.113 0.152 161	0.383 0.000 161	0.256 0.001 161	0.372 0.000 161
<b>C9AE5</b> If I am Successful It Will Help My Comm	0.443 0.000 160	0.604 0.000 160	0.684 0.000 160	0.562 0.000 160	1.000 0.000 160	0.471 0.000 160	0.319 0.000 160	0.248 0.002 160	0.293 0.000 160	0.575 0.000 160	0.289 0.000 160	0.585 0.000 160
<b>C9AE6</b> Impt for Family/Commun I Succeed in Schl	0.409 0.000 161	0.376 0.000 161	0.419 0.000 161	0.276 0.000 161	0.471 0.000 160	1.000 0.000 161	0.024 0.759 161	0.156 0.048 161	0.105 0.183 161	0.430 0.000 161	0.145 0.066 161	0.477 0.000 161
<b>C9AE7</b> Treated Differently b/c Mem of R/E Group	0.164 0.037 161	0.306 0.000 161	0.323 0.000 161	0.221 0.005 161	0.319 0.000 160	0.024 0.759 161	1.000 0.000 161	0.350 0.000 161	0.220 0.005 161	0.240 0.002 161	0.499 0.000 161	0.264 0.001 161
<b>C9AE8</b> Way I Look/Speak Influences Expectations	0.217 0.006 161	0.184 0.019 161	0.151 0.056 161	0.201 0.011 161	0.248 0.002 160	0.156 0.048 161	0.350 0.000 161	1.000 0.000 161	0.405 0.000 161	0.252 0.001 161	0.321 0.000 161	0.345 0.000 161
<b>C9AE9</b> Comm. Suffering from Lack of Opportunity	0.249 0.001 161	0.120 0.128 161	0.038 0.630 161	0.113 0.152 161	0.293 0.000 160	0.105 0.183 161	0.220 0.005 161	0.405 0.000 161	1.000 0.000 161	0.254 0.001 161	0.486 0.000 161	0.222 0.005 161
<b>C9AE10</b> Helps When Others in Comm are Successful	0.416 0.000 161	0.381 0.000 161	0.393 0.000 161	0.383 0.000 161	0.575 0.000 160	0.430 0.000 161	0.240 0.002 161	0.252 0.001 161	0.254 0.001 161	1.000 0.001 161	0.260 0.001 161	0.565 0.000 161
<b>C9AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.278 0.000 161	0.301 0.000 161	0.300 0.000 161	0.256 0.001 161	0.289 0.000 160	0.145 0.066 161	0.499 0.000 161	0.321 0.000 161	0.486 0.000 161	0.260 0.001 161	1.000 0.001 161	0.231 0.003 161
<b>C9AE12</b> Work Hard/Good Grades respected by R/E G	0.490 0.000 161	0.331 0.000 161	0.455 0.000 161	0.372 0.000 161	0.585 0.000 160	0.477 0.000 161	0.264 0.001 161	0.345 0.000 161	0.222 0.005 161	0.565 0.000 161	0.231 0.003 161	1.000 0.000 161

Pearson Correlation Coefficients, N = 161 Prob >  r  under H0: Rho=0			
	EIO9con	EIO9ach	EIO9awa
<b>EIO9con</b> Y9 EIO Connectedness Scale	1.000 0.000	0.707 0.000	0.378 0.000
<b>EIO9ach</b> Y9 EIO Achievement Scale	0.707 0.000	1.000 0.000	0.395 0.000
<b>EIO9awa</b> Y9 EIO Awareness Scale	0.378 0.000	0.395 0.000	1.000 0.000

## Correlations for Caucasians

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C9AE1	C9AE2	C9AE3	C9AE4	C9AE5	C9AE6	C9AE7	C9AE8	C9AE9	C9AE10	C9AE11	C9AE12
<b>C9AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 193	0.445 0.000 193	0.428 0.000 193	0.402 0.000 193	0.392 0.000 193	0.295 0.000 193	-0.047 0.519 193	0.111 0.125 193	0.058 0.420 192	0.347 0.000 193	0.090 0.212 192	0.328 0.000 193
<b>C9AE2</b> I Feel That I am a Part of My Community	0.445 0.000 193	1.000 0.000 193	0.465 0.000 193	0.544 0.000 193	0.461 0.000 193	0.370 0.000 193	-0.067 0.353 193	-0.015 0.833 193	-0.024 0.743 192	0.374 0.000 193	-0.065 0.369 192	0.279 0.000 193
<b>C9AE3</b> Have Pride in What My Community Has Done	0.428 0.000 193	0.465 0.000 193	1.000 0.000 193	0.576 0.000 193	0.517 0.000 193	0.443 0.000 193	-0.060 0.408 193	0.008 0.914 193	-0.014 0.843 192	0.424 0.000 193	0.041 0.572 192	0.422 0.000 193
<b>C9AE4</b> I Feel Close to Others in My Community	0.402 0.000 193	0.544 0.000 193	0.576 0.000 193	1.000 0.000 193	0.581 0.000 193	0.422 0.000 193	-0.025 0.731 193	0.003 0.962 193	-0.048 0.509 192	0.448 0.000 193	-0.029 0.690 192	0.325 0.000 193
<b>C9AE5</b> If I am Successful It Will Help My Comm	0.392 0.000 193	0.461 0.000 193	0.517 0.000 193	0.581 0.000 193	1.000 0.000 193	0.518 0.000 193	0.063 0.384 193	0.013 0.854 193	-0.124 0.088 192	0.413 0.000 193	0.059 0.417 192	0.443 0.000 193
<b>C9AE6</b> Impt for Family/Commun I Succeed in Schl	0.295 0.000 193	0.370 0.000 193	0.443 0.000 193	0.422 0.000 193	0.518 0.000 193	1.000 0.000 193	-0.029 0.692 193	-0.014 0.851 193	-0.042 0.567 192	0.437 0.000 193	0.041 0.571 192	0.362 0.000 193
<b>C9AE7</b> Treated Differently b/c Mem of R/E Group	-0.047 0.519 193	-0.067 0.353 193	-0.060 0.408 193	-0.025 0.731 193	0.063 0.384 193	-0.029 0.692 193	1.000 0.000 193	0.399 0.000 193	0.234 0.001 192	-0.005 0.946 193	0.412 0.000 192	0.020 0.777 193
<b>C9AE8</b> Way I Look/Speak Influences Expectations	0.111 0.125 193	-0.015 0.833 193	0.008 0.914 193	0.003 0.962 193	0.013 0.854 193	-0.014 0.851 193	0.399 0.000 193	1.000 0.000 193	0.255 0.000 192	0.059 0.417 193	0.254 0.000 192	0.063 0.382 193
<b>C9AE9</b> Comm. Suffering from Lack of Opportunity	0.058 0.420 192	-0.024 0.743 192	-0.014 0.843 192	-0.048 0.509 192	-0.124 0.088 192	-0.042 0.567 192	0.234 0.001 192	0.255 0.000 192	1.000 0.396 192	0.062 0.396 192	0.298 0.000 192	0.041 0.571 192
<b>C9AE10</b> Helps When Others in Comm are Successful	0.347 0.000 193	0.374 0.000 193	0.424 0.000 193	0.448 0.000 193	0.413 0.000 193	0.437 0.000 193	-0.005 0.946 193	0.059 0.417 193	0.062 0.396 192	1.000 0.496 193	0.049 0.496 192	0.379 0.000 193
<b>C9AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.090 0.212 192	-0.065 0.369 192	0.041 0.572 192	-0.029 0.690 192	0.059 0.417 192	0.041 0.571 192	0.412 0.000 192	0.254 0.000 192	0.298 0.000 192	0.049 0.496 192	1.000 0.428 192	0.058 0.428 192
<b>C9AE12</b> Work Hard/Good Grades respected by R/E G	0.328 0.000 193	0.279 0.000 193	0.422 0.000 193	0.325 0.000 193	0.443 0.000 193	0.362 0.000 193	0.020 0.777 193	0.063 0.382 193	0.041 0.571 192	0.379 0.000 193	0.058 0.428 192	1.000 0.000 193

Pearson Correlation Coefficients, N = 193 Prob >  r  under H0: Rho=0			
	EIO9con	EIO9ach	EIO9awa
<b>EIO9con</b> Y9 EIO Connectedness Scale	1.000 0.000	0.684 0.000	-0.001 0.991
<b>EIO9ach</b> Y9 EIO Achievement Scale	0.684 0.000	1.000 0.000	0.032 0.662
<b>EIO9awa</b> Y9 EIO Awareness Scale	-0.001 0.991	0.032 0.662	1.000 0.000

## Correlations for All Children

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C9AE1	C9AE2	C9AE3	C9AE4	C9AE5	C9AE6	C9AE7	C9AE8	C9AE9	C9AE10	C9AE11	C9AE12
<b>C9AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 367	0.441 0.000 367	0.432 0.000 367	0.307 0.000 367	0.426 0.000 366	0.350 0.000 367	0.070 0.178 367	0.185 0.000 367	0.164 0.002 366	0.390 0.000 367	0.197 0.000 366	0.417 0.000 367
<b>C9AE2</b> I Feel That I am a Part of My Community	0.441 0.000 367	1.000 0.000 367	0.571 0.000 367	0.511 0.000 367	0.555 0.000 366	0.353 0.000 367	0.132 0.011 367	0.115 0.028 367	0.062 0.238 366	0.383 0.000 367	0.129 0.013 366	0.325 0.000 367
<b>C9AE3</b> Have Pride in What My Community Has Done	0.432 0.000 367	0.571 0.000 367	1.000 0.000 367	0.614 0.000 367	0.617 0.000 366	0.414 0.000 367	0.132 0.011 367	0.099 0.059 367	0.010 0.842 366	0.408 0.000 367	0.167 0.001 366	0.441 0.000 367
<b>C9AE4</b> I Feel Close to Others in My Community	0.307 0.000 367	0.511 0.000 367	0.614 0.000 367	1.000 0.000 367	0.579 0.000 366	0.343 0.000 367	0.088 0.091 367	0.118 0.024 367	0.046 0.385 366	0.421 0.000 367	0.119 0.022 366	0.344 0.000 367
<b>C9AE5</b> If I am Successful It Will Help My Comm	0.426 0.000 366	0.555 0.000 366	0.617 0.000 366	0.579 0.000 366	1.000 0.000 366	0.483 0.000 366	0.176 0.001 366	0.137 0.008 366	0.104 0.048 365	0.521 0.000 366	0.156 0.003 365	0.505 0.000 366
<b>C9AE6</b> Impt for Family/Commun I Succeed in Schl	0.350 0.000 367	0.353 0.000 367	0.414 0.000 367	0.343 0.000 367	0.483 0.000 366	1.000 0.000 367	-0.008 0.874 367	0.079 0.133 367	0.033 0.525 366	0.440 0.000 367	0.107 0.042 366	0.414 0.000 367
<b>C9AE7</b> Treated Differently b/c Mem of R/E Group	0.070 0.178 367	0.132 0.011 367	0.132 0.011 367	0.088 0.091 367	0.176 0.001 366	-0.008 0.874 367	1.000 0.000 367	0.372 0.000 367	0.248 0.000 366	0.112 0.031 367	0.470 0.000 366	0.161 0.002 367
<b>C9AE8</b> Way I Look/Speak Influences Expectations	0.185 0.000 367	0.115 0.028 367	0.099 0.059 367	0.118 0.024 367	0.137 0.008 366	0.079 0.133 367	0.372 0.000 367	1.000 0.000 367	0.343 0.000 366	0.167 0.001 367	0.311 0.000 366	0.241 0.000 367
<b>C9AE9</b> Comm. Suffering from Lack of Opportunity	0.164 0.002 366	0.062 0.238 366	0.010 0.842 366	0.046 0.385 366	0.104 0.048 365	0.033 0.525 366	0.248 0.000 366	0.343 0.000 366	1.000 0.000 366	0.159 0.002 366	0.430 0.000 366	0.146 0.005 366
<b>C9AE10</b> Helps When Others in Comm are Successful	0.390 0.000 367	0.383 0.000 367	0.408 0.000 367	0.421 0.000 367	0.521 0.000 366	0.440 0.000 367	0.112 0.031 367	0.167 0.001 367	0.159 0.002 366	1.000 0.000 367	0.160 0.002 366	0.487 0.000 367
<b>C9AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.197 0.000 366	0.129 0.013 366	0.167 0.001 366	0.119 0.022 366	0.156 0.003 365	0.107 0.042 366	0.470 0.000 366	0.311 0.000 366	0.430 0.000 366	0.160 0.002 366	1.000 0.000 366	0.175 0.001 366
<b>C9AE12</b> Work Hard/Good Grades respected by R/E G	0.417 0.000 367	0.325 0.000 367	0.441 0.000 367	0.344 0.000 367	0.505 0.000 366	0.414 0.000 367	0.161 0.002 367	0.241 0.000 367	0.146 0.005 366	0.487 0.000 367	0.175 0.001 366	1.000 0.000 367

Pearson Correlation Coefficients, N = 367 Prob >  r  under H0: Rho=0			
	EIO9con	EIO9ach	EIO9awa
<b>EIO9con</b> Y9 EIO Connectedness Scale	1.000 0.000	0.698 0.000	0.205 0.000
<b>EIO9ach</b> Y9 EIO Achievement Scale	0.698 0.000	1.000 0.000	0.232 0.000
<b>EIO9awa</b> Y9 EIO Awareness Scale	0.205 0.000	0.232 0.000	1.000 0.000

## Correlations for Normative Sample

Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations												
	C9AE1	C9AE2	C9AE3	C9AE4	C9AE5	C9AE6	C9AE7	C9AE8	C9AE9	C9AE10	C9AE11	C9AE12
<b>C9AE1</b> Impt to be Member of Racial/Ethnic Group	1.000 0.000 304	0.430 0.000 304	0.434 0.000 304	0.324 0.000 304	0.402 0.000 303	0.336 0.000 304	0.074 0.196 304	0.198 0.001 304	0.193 0.001 303	0.378 0.000 304	0.196 0.001 303	0.418 0.000 304
<b>C9AE2</b> I Feel That I am a Part of My Community	0.430 0.000 304	1.000 0.000 304	0.567 0.000 304	0.513 0.000 304	0.517 0.000 303	0.334 0.000 304	0.153 0.007 304	0.166 0.004 304	0.119 0.039 303	0.361 0.000 304	0.168 0.003 303	0.365 0.000 304
<b>C9AE3</b> Have Pride in What My Community Has Done	0.434 0.000 304	0.567 0.000 304	1.000 0.000 304	0.674 0.000 304	0.597 0.000 303	0.397 0.000 304	0.152 0.008 304	0.133 0.020 304	0.050 0.384 303	0.431 0.000 304	0.193 0.001 303	0.458 0.000 304
<b>C9AE4</b> I Feel Close to Others in My Community	0.324 0.000 304	0.513 0.000 304	0.674 0.000 304	1.000 0.000 304	0.624 0.000 303	0.348 0.000 304	0.099 0.085 304	0.094 0.104 304	0.058 0.315 303	0.438 0.000 304	0.137 0.017 303	0.396 0.000 304
<b>C9AE5</b> If I am Successful It Will Help My Comm	0.402 0.000 303	0.517 0.000 303	0.597 0.000 303	0.624 0.000 303	1.000 0.000 303	0.486 0.000 303	0.165 0.004 303	0.168 0.003 303	0.153 0.008 302	0.539 0.000 303	0.182 0.001 302	0.538 0.000 303
<b>C9AE6</b> Impt for Family/Commun I Succeed in Schl	0.336 0.000 304	0.334 0.000 304	0.397 0.000 304	0.348 0.000 304	0.486 0.000 303	1.000 0.996 304	0.000 0.107 304	0.093 0.107 304	0.073 0.203 303	0.424 0.000 304	0.101 0.079 303	0.396 0.000 304
<b>C9AE7</b> Treated Differently b/c Mem of R/E Group	0.074 0.196 304	0.153 0.007 304	0.152 0.008 304	0.099 0.085 304	0.165 0.004 303	0.000 0.996 304	1.000 0.996 304	0.361 0.000 304	0.265 0.000 303	0.144 0.012 304	0.484 0.000 303	0.193 0.001 304
<b>C9AE8</b> Way I Look/Speak Influences Expectations	0.198 0.001 304	0.166 0.004 304	0.133 0.020 304	0.094 0.104 304	0.168 0.003 303	0.093 0.107 304	0.361 0.000 304	1.000 0.000 304	0.347 0.000 303	0.187 0.001 304	0.337 0.000 303	0.246 0.000 304
<b>C9AE9</b> Comm. Suffering from Lack of Opportunity	0.193 0.001 303	0.119 0.039 303	0.050 0.384 303	0.058 0.315 303	0.153 0.008 302	0.073 0.203 303	0.265 0.000 303	0.347 0.000 303	1.000 0.000 303	0.206 0.000 303	0.456 0.000 303	0.135 0.018 303
<b>C9AE10</b> Helps When Others in Comm are Successful	0.378 0.000 304	0.361 0.000 304	0.431 0.000 304	0.438 0.000 304	0.539 0.000 303	0.424 0.000 304	0.144 0.012 304	0.187 0.001 304	0.206 0.000 303	1.000 0.000 304	0.171 0.003 303	0.551 0.000 304
<b>C9AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.196 0.001 303	0.168 0.003 303	0.193 0.001 303	0.137 0.017 303	0.182 0.001 302	0.101 0.079 303	0.484 0.000 303	0.337 0.000 303	0.456 0.000 303	0.171 0.003 303	1.000 0.000 303	0.185 0.001 303
<b>C9AE12</b> Work Hard/Good Grades respected by R/E G	0.418 0.000 304	0.365 0.000 304	0.458 0.000 304	0.396 0.000 304	0.538 0.000 303	0.396 0.000 304	0.193 0.001 304	0.246 0.000 304	0.135 0.018 303	0.551 0.000 304	0.185 0.001 303	1.000 0.000 304

Pearson Correlation Coefficients, N = 304 Prob >  r  under H0: Rho=0			
	EIO9con	EIO9ach	EIO9awa
<b>EIO9con</b> Y9 EIO Connectedness Scale	1.000 0.000	0.691 0.000	0.239 0.000
<b>EIO9ach</b> Y9 EIO Achievement Scale	0.691 0.000	1.000 0.000	0.259 0.000
<b>EIO9awa</b> Y9 EIO Awareness Scale	0.239 0.000	0.259 0.000	1.000 0.000

## Correlations for Control Sample

Pearson Correlation Coefficients, N = 126 Prob >  r  under H0: Rho=0												
	C9AE1	C9AE2	C9AE3	C9AE4	C9AE5	C9AE6	C9AE7	C9AE8	C9AE9	C9AE10	C9AE11	C9AE12
<b>C9AE1</b> Impt to be Member of Racial/Ethnic Group	1.000	0.421 0.000	0.450 0.000	0.283 0.001	0.451 0.000	0.398 0.000	0.081 0.370	0.208 0.020	0.191 0.032	0.395 0.000	0.201 0.024	0.453 0.000
<b>C9AE2</b> I Feel That I am a Part of My Community	0.421 0.000	1.000	0.516 0.000	0.449 0.000	0.596 0.000	0.459 0.000	0.181 0.042	0.116 0.196	-0.080 0.373	0.380 0.000	0.113 0.207	0.269 0.002
<b>C9AE3</b> Have Pride in What My Community Has Done	0.450 0.000	0.516 0.000	1.000	0.509 0.000	0.654 0.000	0.478 0.000	0.082 0.360	0.079 0.381	-0.030 0.742	0.282 0.001	0.172 0.055	0.409 0.000
<b>C9AE4</b> I Feel Close to Others in My Community	0.283 0.001	0.449 0.000	0.509 0.000	1.000	0.469 0.000	0.360 0.000	-0.019 0.832	0.178 0.046	0.006 0.945	0.275 0.002	0.077 0.390	0.233 0.009
<b>C9AE5</b> If I am Successful It Will Help My Comm	0.451 0.000	0.596 0.000	0.654 0.000	0.469 0.000	1.000	0.524 0.000	0.252 0.004	0.110 0.221	0.018 0.844	0.425 0.000	0.143 0.110	0.413 0.000
<b>C9AE6</b> Impt for Family/Commun I Succeed in Schl	0.398 0.000	0.459 0.000	0.478 0.000	0.360 0.000	0.524 0.000	1.000	0.007 0.941	0.138 0.124	-0.042 0.637	0.471 0.000	0.133 0.138	0.445 0.000
<b>C9AE7</b> Treated Differently b/c Mem of R/E Group	0.081 0.370	0.181 0.042	0.082 0.360	-0.019 0.832	0.252 0.004	0.007 0.941	1.000	0.414 0.000	0.211 0.018	0.108 0.228	0.424 0.000	0.163 0.068
<b>C9AE8</b> Way I Look/Speak Influences Expectations	0.208 0.020	0.116 0.196	0.079 0.381	0.178 0.046	0.110 0.221	0.138 0.124	0.414 0.000	1.000	0.241 0.007	0.227 0.010	0.240 0.007	0.324 0.000
<b>C9AE9</b> Comm. Suffering from Lack of Opportunity	0.191 0.032	-0.080 0.373	-0.030 0.742	0.006 0.945	0.018 0.844	-0.042 0.637	0.211 0.018	0.241 0.007	1.000	0.021 0.816	0.320 0.000	0.198 0.026
<b>C9AE10</b> Helps When Others in Comm are Successful	0.395 0.000	0.380 0.000	0.282 0.001	0.275 0.002	0.425 0.000	0.471 0.000	0.108 0.228	0.227 0.010	0.021 0.816	1.000	0.153 0.087	0.400 0.000
<b>C9AE11</b> Neg Ideas abt Abilities b/c mem of R/E G	0.201 0.024	0.113 0.207	0.172 0.055	0.077 0.390	0.143 0.110	0.133 0.138	0.424 0.000	0.240 0.007	0.320 0.000	0.153 0.087	1.000	0.206 0.021
<b>C9AE12</b> Work Hard/Good Grades respected by R/E G	0.453 0.000	0.269 0.002	0.409 0.000	0.233 0.009	0.413 0.000	0.445 0.000	0.163 0.068	0.324 0.000	0.198 0.026	0.400 0.000	0.206 0.021	1.000

Pearson Correlation Coefficients, N = 126 Prob >  r  under H0: Rho=0			
	EIO9con	EIO9ach	EIO9awa
<b>EIO9con</b> Y9 EIO Connectedness Scale	1.000	0.708 0.000	0.188 0.035
<b>EIO9ach</b> Y9 EIO Achievement Scale	0.708 0.000	1.000	0.263 0.003
<b>EIO9awa</b> Y9 EIO Awareness Scale	0.188 0.035	0.263 0.003	1.000