

Ethnic Identity-Oyserman
Grade 11/Year 12
Fast Track Project Technical Report
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Citation

Instrument

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

Report

Kersteter, S. (2004). Ethnic Identity-Oyserman (Technical Report) [On-line]. Available: <http://www.fasttrackproject.org/>

Data Sources

Raw: C12AE

Scored: EIO12

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 twelfth year of the study. Overall, 118 records were missing the whole measure. Forty three were missing from the control sample (5 from Durham, 17 from Nashville, 9 from Pennsylvania, and 12 from Washington) and 105 were missing from the normative sample (14 from Durham, 39 from Nashville, 23 from Pennsylvania, and 29 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, and Ager (1995). The scales were derived from three content domains (connectedness, embedded achievement, and awareness of racism).

Oyserman's connectedness scale (Connectedness) assesses an individual's "sense of self as a member of an African American community" (Oyserman, Gant, and Ager 1995, p. 1220). It consists of items 1 through 4. The original embedded achievement scale (Achievement) measures an individual's sense of achievement as occurring within the context of being African American. It consists of items 5, 6, 10, and 12. The original awareness of racism (Awareness) scale measures an individual's "sense of self as subject to prejudice, racism, and exclusion from opportunities by white society" (Oyserman, Gant, and Ager 1995, p. 1220). It consists of items 7, 8, 9, and 11.

In order to use Oyserman's measure with the entire Fast Track Cohort 1 sample, the wording of the items was revised to apply to any racial or ethnic group. For Fast Track purposes, the connectedness scale assesses an individual's sense of self as a member of his or her racial or ethnic community. Achievement measures an individual's sense of achievement as occurring within the context of being a member of his or her racial or ethnic group. Awareness measures an individual's sense of self as subject to prejudice, racism, and exclusion from opportunities because of his or her race or ethnicity. The subscales were constructed by taking the mean responses to the items in each subscale (connectedness – items 1, 2, 3, and 4; achievement – items 5, 6, 10, and 12; awareness – items 7, 8, 9, and 11).

Cronbach's Alpha for Scales			
Variable		Normative	High Risk Control
Y12 EIO Connectedness Scale	(EIO12con)	0.88	0.87
Y12 EIO Achievement Scale	(EIO12ach)	0.89	0.84
Y12 EIO Awareness Scale	(EIO12awa)	0.84	0.84

Cronbach's Alpha for Scales - By Race			
Variable		African-American	Caucasian
Y12 EIO Connectedness Scale	(EIO12con)	0.89	0.89
Y12 EIO Achievement Scale	(EIO12ach)	0.88	0.85
Y12 EIO Awareness Scale	(EIO12awa)	0.85	0.79

IV. Differences Between Groups

T-tests were used to examine group differences for all 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 and Caucasian youth revealed no significant differences between normative and their high-risk control counterparts across scales. In addition, analysis of the full sample (African-American and Caucasian youth) revealed no significant differences between normative youth and their high-risk control counterparts across scales.

Comparison of Means for Normative and Control for African Americans							
Variable	Normative		Control		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
Y12 EIO Connectedness Scale (EIO12con)	3.75	0.90	3.72	0.83	152	-0.17	0.8684
Y12 EIO Achievement Scale (EIO12ach)	3.96	0.78	3.96	0.73	152	0.02	0.9802
Y12 EIO Awareness Scale (EIO12awa)	3.35	0.77	3.33	0.88	152	-0.13	0.8935

Comparison of Means for Normative and Control for Caucasians							
Variable	Normative		Control		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
Y12 EIO Connectedness Scale (EIO12con)	3.62	0.67	3.56	0.78	179	-0.49	0.6233
Y12 EIO Achievement Scale (EIO12ach)	3.59	0.62	3.55	0.65	179	-0.45	0.6510
Y12 EIO Awareness Scale (EIO12awa)	2.85	0.72	2.84	0.59	179	-0.05	0.9598

Comparison of Means for Normative and Control for the Full Sample							
Variable	Normative		Control		DF	t Value	Pr > t
	Mean	Std Dev	Mean	Std Dev			
Y12 EIO Connectedness Scale (EIO12con)	3.69	0.79	3.62	0.81	343	-0.69	0.4922
Y12 EIO Achievement Scale (EIO12ach)	3.77	0.72	3.75	0.72	343	-0.25	0.8046
Y12 EIO Awareness Scale (EIO12awa)	3.08	0.79	3.08	0.79	343	0.10	0.9240

V. Recommendations for Use

All of the subscales and items here may be used with African American and Caucasian youth. 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.

V1. Item and Scale Means and SD's

Descriptive Statistics for African American High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	50	3.72	1.23	1.00	5.00
C12AE2	I feel that I am a part of my community	50	3.62	1.09	1.00	5.00
C12AE3	I have pride in what my community has done and achieved	50	3.84	1.09	1.00	5.00
C12AE4	I feel close to others in my community	50	3.70	0.99	1.00	5.00
C12AE5	If I am successful, it will help my community	50	3.80	1.05	1.00	5.00
C12AE6	It is important for family/community that I succeed in school	50	4.12	0.96	1.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	50	3.16	1.17	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	50	3.64	1.01	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	50	3.44	1.07	1.00	5.00
C12AE10	It helps me when others in my community are successful	50	3.84	0.96	1.00	5.00
C12AE11	People may have negative ideas about my abilities because I am a member of my racial/ethnic group	50	3.08	1.16	1.00	5.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	50	4.08	0.83	2.00	5.00
EIO12con	Y12 EIO Connectedness Scale	50	3.72	0.83	1.25	5.00
EIO12ach	Y12 EIO Achievement Scale	50	3.96	0.73	1.75	5.00
EIO12awa	Y12 EIO Awareness Scale	50	3.33	0.88	1.00	5.00

Descriptive Statistics for African American Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	125	4.02	1.11	1.00	5.00
C12AE2	I feel that I am a part of my community	125	3.61	1.08	1.00	5.00
C12AE3	I have pride in what my community has done and achieved	125	3.84	1.12	1.00	5.00
C12AE4	I feel close to others in my community	125	3.57	1.00	1.00	5.00
C12AE5	If I am successful, it will help my community	125	3.86	1.07	1.00	5.00
C12AE6	It is important for family/community that I succeed in school	125	4.22	0.92	1.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	125	3.21	1.15	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	125	3.62	1.00	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	125	3.35	1.04	1.00	5.00
C12AE10	It helps me when others in my community are successful	125	3.86	0.93	1.00	5.00
C12AE11	People may have negative ideas about my abilities because I am a member of my racial/ethnic group	124	3.20	1.00	1.00	5.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	125	3.97	0.91	1.00	5.00
EIO12con	Y12 EIO Connectedness Scale	125	3.76	0.89	1.00	5.00
EIO12ach	Y12 EIO Achievement Scale	125	3.98	0.78	1.00	5.00
EIO12awa	Y12 EIO Awareness Scale	125	3.34	0.79	1.00	5.00

Descriptive Statistics for Caucasian High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	60	3.53	0.95	1.00	5.00
C12AE2	I feel that I am a part of my community	60	3.53	1.05	1.00	5.00
C12AE3	I have pride in what my community has done and achieved	60	3.60	0.99	1.00	5.00
C12AE4	I feel close to others in my community	60	3.58	0.91	1.00	5.00
C12AE5	If I am successful, it will help my community	60	3.45	1.02	1.00	5.00
C12AE6	It is important for family/community that I succeed in school	60	3.95	0.81	1.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	60	2.63	1.01	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	60	3.28	0.94	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	60	3.03	0.99	1.00	5.00
C12AE10	It helps me when others in my community are successful	60	3.47	0.91	1.00	5.00
C12AE11	People my have negative ideas about my abilities because I am a member of my racial/ethnic group	60	2.42	0.85	1.00	4.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	60	3.32	0.87	1.00	5.00
EIO12con	Y12 EIO Connectedness Scale	60	3.56	0.78	1.50	5.00
EIO12ach	Y12 EIO Achievement Scale	60	3.55	0.65	1.50	5.00
EIO12awa	Y12 EIO Awareness Scale	60	2.84	0.59	1.50	4.00

Descriptive Statistics for Caucasian Normative Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	148	3.51	0.97	1.00	5.00
C12AE2	I feel that I am a part of my community	148	3.66	0.83	1.00	5.00
C12AE3	I have pride in what my community has done and achieved	148	3.59	0.86	1.00	5.00
C12AE4	I feel close to others in my community	148	3.63	0.77	1.00	5.00
C12AE5	If I am successful, it will help my community	148	3.48	0.85	1.00	5.00
C12AE6	It is important for family/community that I succeed in school	148	3.89	0.77	1.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	148	2.57	1.00	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	148	3.24	1.01	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	148	3.12	0.94	1.00	5.00
C12AE10	It helps me when others in my community are successful	148	3.45	0.79	1.00	5.00
C12AE11	People my have negative ideas about my abilities because I am a member of my racial/ethnic group	148	2.41	0.95	1.00	5.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	148	3.49	0.75	1.00	5.00
EIO12con	Y12 EIO Connectedness Scale	148	3.59	0.67	1.50	5.00
EIO12ach	Y12 EIO Achievement Scale	148	3.58	0.62	1.50	5.00
EIO12awa	Y12 EIO Awareness Scale	148	2.84	0.70	1.00	4.50

Descriptive Statistics for Other Races High Risk Control Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	6	4.00	1.26	2.00	5.00
C12AE2	I feel that I am a part of my community	6	3.67	1.37	2.00	5.00
C12AE3	I have pride in what my community has done and achieved	5	3.60	1.14	2.00	5.00
C12AE4	I feel close to others in my community	6	3.67	1.21	2.00	5.00
C12AE5	If I am successful, it will help my community	6	3.33	1.51	2.00	5.00
C12AE6	It is important for family/community that I succeed in school	6	4.83	0.41	4.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	6	3.67	1.75	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	6	4.00	1.55	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	6	3.33	1.37	2.00	5.00
C12AE10	It helps me when others in my community are successful	6	3.67	1.21	2.00	5.00
C12AE11	People my have negative ideas about my abilities because I am a member of my racial/ethnic group	6	3.17	1.60	1.00	5.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	6	4.33	1.21	2.00	5.00
EIO12con	Y12 EIO Connectedness Scale	6	3.58	0.90	2.50	5.00
EIO12ach	Y12 EIO Achievement Scale	6	4.04	0.93	2.50	5.00
EIO12awa	Y12 EIO Awareness Scale	6	3.54	1.31	1.75	5.00

Descriptive Statistics for Other Races Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	9	3.78	1.48	1.00	5.00
C12AE2	I feel that I am a part of my community	9	3.89	1.17	2.00	5.00
C12AE3	I have pride in what my community has done and achieved	9	3.78	0.97	2.00	5.00
C12AE4	I feel close to others in my community	9	3.67	1.00	2.00	5.00
C12AE5	If I am successful, it will help my community	9	3.33	1.22	2.00	5.00
C12AE6	It is important for family/community that I succeed in school	9	4.44	0.73	3.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	9	3.00	1.41	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	9	3.78	1.30	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	9	2.78	0.97	2.00	5.00
C12AE10	It helps me when others in my community are successful	9	3.78	0.97	2.00	5.00
C12AE11	People my have negative ideas about my abilities because I am a member of my racial/ethnic group	9	2.67	1.11	1.00	5.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	9	4.11	1.05	2.00	5.00
EIO12con	Y12 EIO Connectedness Scale	9	3.78	0.89	2.50	5.00
EIO12ach	Y12 EIO Achievement Scale	9	3.92	0.76	2.55	5.00
EIO12awa	Y12 EIO Awareness Scale	9	3.06	0.91	1.75	5.00

Descriptive Statistics for All Races High Risk Control Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	112	3.63	1.08	1.00	5.00
C12AE2	I feel that I am a part of my community	112	3.56	1.06	1.00	5.00
C12AE3	I have pride in what my community has done and achieved	111	3.69	1.05	1.00	5.00
C12AE4	I feel close to others in my community	112	3.63	0.96	1.00	5.00
C12AE5	If I am successful, it will help my community	112	3.61	1.05	1.00	5.00
C12AE6	It is important for family/community that I succeed in school	112	4.04	0.88	1.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	112	2.90	1.12	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	112	3.46	0.99	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	112	3.23	1.05	1.00	5.00
C12AE10	It helps me when others in my community are successful	112	3.64	0.95	1.00	5.00
C12AE11	People my have negative ideas about my abilities because I am a member of my racial/ethnic group	112	2.74	1.06	1.00	5.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	112	3.69	0.94	1.00	5.00
EIO12con	Y12 EIO Connectedness Scale	112	3.62	0.81	1.25	5.00
EIO12ach	Y12 EIO Achievement Scale	112	3.75	0.72	1.50	5.00
EIO12awa	Y12 EIO Awareness Scale	112	3.08	0.79	1.00	5.00

Descriptive Statistics for All Races Normative Sample						
Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C12AE1	It is important to me to be a member of my religious/racial/ethnic group	282	3.74	1.07	1.00	5.00
C12AE2	I feel that I am a part of my community	282	3.64	0.96	1.00	5.00
C12AE3	I have pride in what my community has done and achieved	282	3.71	0.99	1.00	5.00
C12AE4	I feel close to others in my community	282	3.60	0.89	1.00	5.00
C12AE5	If I am successful, it will help my community	282	3.65	0.98	1.00	5.00
C12AE6	It is important for family/community that I succeed in school	282	4.05	0.86	1.00	5.00
C12AE7	Some will treat me differently because I am a member of racial/ethnic group	282	2.87	1.13	1.00	5.00
C12AE8	The way I look/speak influences what others expect of me	282	3.43	1.03	1.00	5.00
C12AE9	My community is suffering because of lack of opportunity	282	3.21	0.99	1.00	5.00
C12AE10	It helps me when others in my community are successful	282	3.65	0.88	1.00	5.00
C12AE11	People my have negative ideas about my abilities because I am a member of my racial/ethnic group	281	2.77	1.05	1.00	5.00
C12AE12	If I work hard and get good grades, I will be respected by racial/ethnic group	282	3.72	0.87	1.00	5.00
EIO12con	Y12 EIO Connectedness Scale	282	3.67	0.78	1.00	5.00
EIO12ach	Y12 EIO Achievement Scale	282	3.77	0.72	1.00	5.00
EIO12awa	Y12 EIO Awareness Scale	282	3.07	0.78	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, N=153 Prob > r under H0: Rho=0												
	C12-AE1	C12-AE2	C12-AE3	C12-AE4	C12-AE5	C12-AE6	C12-AE7	C12-AE8	C12-AE9	C12-AE10	C12-AE11	C12-AE12
C12AE1 - Important to me to be a member of my religious/racial/ethnic group	1.000	0.537 0.000	0.420 0.000	0.386 0.000	0.359 0.000	0.436 0.000	0.112 0.170	0.361 0.000	0.318 0.000	0.423 0.000	0.207 0.010	0.348 0.000
C12AE2 - I feel that I am a part of my community	0.537 0.000	1.000	0.647 0.000	0.626 0.000	0.537 0.000	0.391 0.000	0.226 0.005	0.288 0.000	0.322 0.000	0.413 0.000	0.137 0.091	0.304 0.000
C12AE3 - I have pride in what my community has done and achieved	0.420 0.000	0.647 0.000	1.000	0.548 0.000	0.600 0.000	0.387 0.000	0.216 0.007	0.280 0.001	0.197 0.014	0.479 0.000	0.078 0.339	0.132 0.104
C12AE4 - I feel close to others in my community	0.386 0.000	0.626 0.000	0.548 0.000	1.000	0.557 0.000	0.471 0.000	0.207 0.010	0.233 0.004	0.200 0.013	0.360 0.000	-0.013 0.875	0.204 0.012
C12AE5 - If I am successful, it will help my community	0.359 0.000	0.537 0.000	0.600 0.000	0.557 0.000	1.000	0.532 0.000	0.207 0.010	0.409 0.000	0.326 0.000	0.612 0.000	0.149 0.066	0.420 0.000
C12AE6 - It is important for my family/ community that I succeed in school	0.436 0.000	0.391 0.000	0.387 0.000	0.471 0.000	0.532 0.000	1.000	0.084 0.301	0.389 0.000	0.207 0.010	0.622 0.000	0.188 0.020	0.419 0.000
C12AE7 - Some will treat me differently bec I am member of my racial/ethnic grp	0.112 0.170	0.226 0.005	0.216 0.007	0.207 0.010	0.207 0.010	0.084 0.301	1.000	0.426 0.000	0.373 0.000	0.162 0.045	0.522 0.000	-0.013 0.875
C12AE8 - The way I look/speak influences what others expect of me	0.361 0.000	0.288 0.000	0.280 0.001	0.233 0.004	0.409 0.000	0.389 0.000	0.426 0.000	1.000	0.431 0.000	0.382 0.000	0.395 0.000	0.267 0.001
C12AE9 - My community is suffering because of lack of opportunity	0.318 0.000	0.322 0.000	0.197 0.014	0.200 0.013	0.326 0.000	0.207 0.010	0.373 0.000	0.431 0.000	1.000	0.416 0.000	0.423 0.000	0.279 0.001
C12AE10 - It helps me when others in my community are successful	0.423 0.000	0.413 0.000	0.479 0.000	0.360 0.000	0.612 0.000	0.622 0.000	0.162 0.045	0.382 0.000	0.416 0.000	1.000	0.256 0.001	0.412 0.000
C12AE11 - People may have neg ideas abt my abilities bec of my racial/ethnic group	0.207 0.010	0.137 0.091	0.078 0.339	-0.013 0.875	0.149 0.066	0.188 0.020	0.522 0.000	0.395 0.000	0.423 0.000	0.256 0.001	1.000	0.207 0.010
C12AE12 - If I work hard/ get good grades, I will be respected by my racial/ethnic grp	0.348 0.000	0.304 0.000	0.132 0.104	0.204 0.012	0.420 0.000	0.419 0.000	-0.013 0.875	0.267 0.001	0.279 0.001	0.412 0.000	0.207 0.010	1.000

Pearson Correlation Coefficients, N = 153 Prob > r under H0: Rho=0			
	EIO12con	EIO12ach	EIO12awa
EIO12con Y12 EIO Connectedness Scale	1.000	0.637 0.000	0.347 0.000
EIO12ach Y12 EIO Achievement Scale	0.637 0.000	1.000	0.403 0.000
EIO12awa Y12 EIO Awareness Scale	0.347 0.000	0.403 0.000	1.000

Correlations for Caucasians

Pearson Correlation Coefficients, N=181 Prob > r under H0: Rho=0												
	C12-AE1	C12-AE2	C12-AE3	C12-AE4	C12-AE5	C12-AE6	C12-AE7	C12-AE8	C12-AE9	C12-AE10	C12-AE11	C12-AE12
C12AE1 - Important to me to be a member of my religious/racial/ethnic group	1.000 0.000	0.524 0.000	0.405 0.000	0.336 0.000	0.422 0.000	0.426 0.000	-0.092 0.219	0.098 0.190	0.084 0.260	0.335 0.000	-0.034 0.653	0.346 0.000
C12AE2 - I feel that I am a part of my community	0.524 0.000	1.000	0.622 0.000	0.630 0.000	0.622 0.000	0.420 0.000	-0.133 0.075	-0.010 0.892	-0.027 0.723	0.369 0.000	-0.050 0.502	0.368 0.000
C12AE3 - I have pride in what my community has done and achieved	0.405 0.000	0.622 0.000	1.000	0.663 0.000	0.652 0.000	0.423 0.000	-0.175 0.019	-0.083 0.265	-0.148 0.047	0.463 0.000	-0.091 0.222	0.302 0.000
C12AE4 - I feel close to others in my community	0.336 0.000	0.630 0.000	0.663 0.000	1.000	0.610 0.000	0.380 0.000	-0.214 0.004	0.053 0.476	-0.066 0.376	0.405 0.000	-0.154 0.039	0.367 0.000
C12AE5 - If I am successful, it will help my community	0.422 0.000	0.622 0.000	0.652 0.000	0.610 0.000	1.000	0.472 0.000	-0.176 0.018	-0.098 0.190	-0.070 0.349	0.503 0.000	-0.132 0.078	0.431 0.000
C12AE6 - It is important for my family/ community that I succeed in school	0.426 0.000	0.420 0.000	0.423 0.000	0.380 0.000	0.472 0.000	1.000	-0.079 0.291	-0.038 0.614	0.090 0.229	0.558 0.000	-0.072 0.339	0.338 0.000
C12AE7 - Some will treat me differently bec I am member of my racial/ethnic grp	-0.092 0.219	-0.133 0.075	-0.175 0.019	-0.214 0.004	-0.176 0.018	-0.079 0.291	1.000	0.468 0.000	0.265 0.000	-0.167 0.024	0.511 0.000	-0.074 0.321
C12AE8 - The way I look/speak influences what others expect of me	0.098 0.190	-0.010 0.892	-0.083 0.265	0.053 0.476	-0.098 0.190	-0.038 0.614	0.468 0.000	1.000	0.186 0.012	-0.021 0.782	0.238 0.001	0.139 0.063
C12AE9 - My community is suffering because of lack of opportunity	0.084 0.260	-0.027 0.723	-0.148 0.047	-0.066 0.376	-0.070 0.349	0.090 0.229	0.265 0.000	0.186 0.012	1.000	0.219 0.003	0.191 0.010	0.103 0.167
C12AE10 - It helps me when others in my community are successful	0.335 0.000	0.369 0.000	0.463 0.000	0.405 0.000	0.503 0.000	0.558 0.000	-0.167 0.024	-0.021 0.782	0.219 0.003	1.000	-0.092 0.219	0.331 0.000
C12AE11 - People may have neg ideas abt my abilities bec of my racial/ethnic group	-0.034 0.653	-0.050 0.502	-0.091 0.222	-0.154 0.039	-0.132 0.078	-0.072 0.339	0.511 0.000	0.238 0.001	0.191 0.010	-0.092 0.219	1.000	0.007 0.922
C12AE12 - If I work hard/ get good grades, I will be respected by my racial/ethnic grp	0.346 0.000	0.368 0.000	0.302 0.000	0.367 0.000	0.431 0.000	0.338 0.000	-0.074 0.321	0.139 0.063	0.103 0.167	0.331 0.000	0.007 0.922	1.000

Pearson Correlation Coefficients, N = 181 Prob > r under H0: Rho=0			
	EIO12con	EIO12ach	EIO12awa
EIO12con Y12 EIO Connectedness Scale	1.000	0.710 0.000	-0.112 0.134
EIO12ach Y12 EIO Achievement Scale	0.710 0.000	1.000	-0.062 0.410
EIO12awa Y12 EIO Awareness Scale	-0.112 0.134	-0.062 0.410	1.000

Correlations for Full Sample

Pearson Correlation Coefficients, N=343 Prob > r under H0: Rho=0												
	C12-AE1	C12-AE2	C12-AE3	C12-AE4	C12-AE5	C12-AE6	C12-AE7	C12-AE8	C12-AE9	C12-AE10	C12-AE11	C12-AE12
C12AE1 - Important to me to be a member of my religious/racial/ethnic group	1.000	0.515 0.000	0.411 0.000	0.346 0.000	0.407 0.000	0.440 0.000	0.090 0.098	0.258 0.000	0.236 0.000	0.412 0.000	0.158 0.003	0.389 0.000
C12AE2 - I feel that I am a part of my community	0.515 0.000	1.000	0.627 0.000	0.631 0.000	0.562 0.000	0.393 0.000	0.060 0.264	0.140 0.010	0.157 0.004	0.396 0.000	0.040 0.461	0.320 0.000
C12AE3 - I have pride in what my community has done and achieved	0.411 0.000	0.627 0.000	1.000	0.599 0.000	0.631 0.000	0.403 0.000	0.059 0.277	0.124 0.022	0.055 0.314	0.480 0.000	0.044 0.413	0.221 0.000
C12AE4 - I feel close to others in my community	0.346 0.000	0.631 0.000	0.599 0.000	1.000	0.577 0.000	0.414 0.000	0.005 0.925	0.138 0.010	0.077 0.156	0.377 0.000	-0.069 0.205	0.254 0.000
C12AE5 - If I am successful, it will help my community	0.407 0.000	0.562 0.000	0.631 0.000	0.577 0.000	1.000	0.501 0.000	0.064 0.235	0.172 0.001	0.166 0.002	0.578 0.000	0.091 0.092	0.439 0.000
C12AE6 - It is important for my family/ community that I succeed in school	0.440 0.000	0.393 0.000	0.403 0.000	0.414 0.000	0.501 0.000	1.000	0.055 0.306	0.204 0.000	0.162 0.003	0.595 0.000	0.112 0.037	0.416 0.000
C12AE7 - Some will treat me differently bec I am member of my racial/ethnic grp	0.090 0.098	0.060 0.264	0.059 0.277	0.005 0.925	0.064 0.235	0.055 0.306	1.000	0.478 0.000	0.352 0.000	0.069 0.204	0.549 0.000	0.062 0.253
C12AE8 - The way I look/speak influences what others expect of me	0.258 0.000	0.140 0.010	0.124 0.022	0.138 0.010	0.172 0.001	0.204 0.000	0.478 0.000	1.000	0.316 0.000	0.217 0.000	0.337 0.000	0.253 0.000
C12AE9 - My community is suffering because of lack of opportunity	0.236 0.000	0.157 0.004	0.055 0.314	0.077 0.156	0.166 0.002	0.162 0.003	0.352 0.000	0.316 0.000	1.000	0.339 0.000	0.343 0.000	0.220 0.000
C12AE10 - It helps me when others in my community are successful	0.412 0.000	0.396 0.000	0.480 0.000	0.377 0.000	0.578 0.000	0.595 0.000	0.069 0.204	0.217 0.000	0.339 0.000	1.000	0.154 0.004	0.416 0.000
C12AE11 - People may have neg ideas abt my abilities bec of my racial/ethnic group	0.158 0.003	0.040 0.461	0.044 0.413	-0.069 0.205	0.091 0.092	0.112 0.037	0.549 0.000	0.337 0.000	0.343 0.000	0.154 0.004	1.000	0.204 0.000
C12AE12 - If I work hard/ get good grades, I will be respected by my racial/ethnic grp	0.389 0.000	0.320 0.000	0.221 0.000	0.254 0.000	0.439 0.000	0.416 0.000	0.062 0.253	0.253 0.000	0.220 0.000	0.416 0.000	0.204 0.000	1.000

Pearson Correlation Coefficients, N = 343 Prob > r under H0: Rho=0			
	EIO12con	EIO12ach	EIO12awa
EIO12con Y12 EIO Connectedness Scale	1.000	0.670 0.000	0.169 0.002
EIO12ach Y12 EIO Achievement Scale	0.670 0.000	1.000	0.266 0.000
EIO12awa Y12 EIO Awareness Scale	0.169 0.002	0.266 0.000	1.000