

## WEB MATERIAL

### **Racial Residential Segregation in Young Adulthood and Brain Integrity in Middle Age: Can We Learn From Small Samples?**

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**Web Table 1. Comparison of Baseline Covariates Between Blacks Included and Excluded from the MRI Substudy, CARDIA Study**

Participant Characteristic	Included In or Excluded From the MRI Substudy					
	Included ( <i>n</i> = 290)			Excluded* ( <i>n</i> = 2,346)		
	Mean (SD)	No.	%	Mean (SD)	No.	%
<b>Sociodemographics at Baseline</b>						
Age, years	24 (4)			24 (4)		
Years of education	13 (2)			13 (2)		
Income <sup>a</sup> , \$1000		20.5	(14, 30)		30	(14, 42.5)
Married, no. (%)		47	16		456	19
Women, no. (%)		159	55		1,321	56
<b>Clinical Risk Factors at Baseline</b>						
Systolic blood pressure (mmHg)	112 (10)			111 (11)		
Body mass index <sup>b</sup>	25 (5)			25 (6)		
Fasting glucose (mg/dL)	82 (15)			82 (20)		
CES-D Score <sup>a</sup>		9	(6, 16)		8	(6, 18)
<b>Health Behaviors at Baseline</b>						
Current smoker, no. (%)		82	28		802	34
Physical activity <sup>a</sup> , exercise units		324	(146, 500)		318	(159, 549)
Mean alcohol consumption <sup>a</sup> (mL)		2	(0, 13)		2	(0, 12)

\*Black participants without MRI data available were excluded from the analysis. Of note, the CARDIA MRI substudy enrolled a total of 719 participants, of whom 290 were Black.

Abbreviation: CES-D, Center for Epidemiologic Studies Depression Scale.

<sup>a</sup> Values are expressed as median (interquartile range).

<sup>b</sup> Weight (kg)/height (m)<sup>2</sup>.

**Web Table 2. Summary Statistics for the  $G_i^*$  Statistic at Each Time Point, CARDIA Study ( $n = 290$ )**

	<b>T0 (1985)</b>	<b>T1 (1992)</b>	<b>T2 (1995)</b>	<b>T3 (2000)</b>	<b>T4 (2005)</b>	<b>T5 (2010)</b>
Mean (SD)	5.45 (3.32)	4.48 (3.72)	3.65 (3.59)	3.57 (3.04)	3.11 (3.13)	2.72 (2.80)
Median (Q1, Q3)	5.35 (2.86, 7.51)	4.33 (1.73, 6.71)	3.73 (0.29, 5.89)	3.94 (1.01, 5.37)	3.11 (0.41, 5.22)	2.73 (0.39, 4.62)