

Table 2. Mean values and standard deviation (SD) for clinical, biochemical, and psychological parameters for the Bc/I polymorphism (C and G alleles) in Caucasian and African American Mississippians

Characteristics	Caucasian (white)				African American (black)		
	CC	CG	GG	Total	CC	CG	Total
	N=9 (35%)	N=12 (46%)	N=5 (19%)	N=26	N=13 (57%)	N=9 (39%)	N=23
Age (y)	52.8 (11.1)	47.3 (12.6)	46.8 (14.5)	49.1 (12.3)	45.2 (7.8)	45 (7.68)	45.5 (7.6)
BMI	33.8 (9.6)	28.8 (9.4)	29.8 (9.7)	30.7 (9.4)	39.55 (8.69)	35.03 (4.93)	37.3 (7.6)
Waist-to-hip ratio	0.86 (0.08)	0.82 (0.1)	0.83 (0.07)	0.83 (0.1)	0.88 (0.05)	0.85 (0.05)	0.88 (0.06)
Fasting insulin	10.5 [6.7-22.3]	8.7 [6.4-20.7]	10.2 [7.07-16.56]	9.8 [6.72-19.85]	18.36 [11.34-29.9]	15.81 [13.07-18.62]	17.08 [12.2-24.26]
Fasting glucose	95.8 (6.5)	93.41 (13.6)	90.6 (11.01)	93.7 (10.8)	102.23 (11.38)	94.22 (8.05)	99.52 (10.82)
HOMA-IR	2.4 [1.4-5.5]	2.1 [1.3-4.3]	2.1 [1.4-3.9]	2.2 [1.36-4.56]	4.1 [2.5-7.3]	3.8 [3-4.3]	3.95 [2.75-5.8]
Fructoseamine	220.1 (22.8)	226.3 (20.84)	222.8 (19.65)	223.46 (20.67)	218.76 (20.64)	222.11 (12.72)	220.52 (17.24)
HbA1c	5.8 (0.3)	5.64 (0.7)	5.64 (0.5)	5.68 (0.53)	6.15 (0.47)	5.67 (0.44)	5.97 (0.51)
Salivary cortisol	150 (60)	180 (10)	190 (160)	170 (10)	170 (90)	130 (70)	160 (80)
PSS	14.2 (5.6)	12.8 (8.6)	19.4 (12.42)	14.7 (8.5)	16 (6.16)	15.28 (4.11)	15.2 (5.76)
Elevated BP	7 (78%)	3 (25%)	0	10 (38%)	7 (54%)	4 (44%)	12 (52%)
Hyperlipidemia	4 (44%)	2 (17%)	1 (20%)	7 (27%)	2 (15%)	1 (11%)	4 (17%)

Comparison Caucasian vs African American			
Characteristics	p-value		
	CC	CG	Total
Age	0.019	0.413	0.057
BMI	0.229	0.055	0.012
Waist to hip ratio	0.788	0.594	0.277
Fasting insulin	0.270	0.286	0.092
Fasting glucose	0.227	0.569	0.071
HOMA-IR	0.216	0.255	0.058
Fructoseamine	0.736	0.749	0.595
HbA1c	0.051	0.567	0.030
Salivary cortisol	0.525	0.200	0.724
PSS	0.521	0.463	0.554
Elevated BP	0.38	0.397	0.396
Hyperlipidemia	0.178	>0.999	0.506

* p value for unadjusted differences; Nonparametric Wilcoxon Rank Sum tests for continuous vars, Fisher’s exact test for categorical
* values in table are N (%) for categorical vars, median [IQR] for skewed continuous vars (HOMA-IR, Insulin), mean (SD) otherwise
* only 1 African American GG genotype was observed; BP: blood pressure; PSS: perceived stress scale.