

Table 3. Ethnicity Associations - Mediation Effect Regression Models

Outcome	Ethnicity Effect				
	Unadjusted	Model 1: Adjusted for age	Model 2: Model 1 + Bcl1	Model 3: Full Model	Model 4: Parsimonious
BMI	6.62 p=0.010 (1.65, 11.58)	7.89 p=0.001 (3.27, 12.51)	6.85 p=0.006 (2.09, 11.62)	1.29 p=0.488 (-2.48, 5.06)	3.13 p= 0.039 (0.16, 6.10)
Waist-to-hip ratio	0.04 p=0.081 (-0.005, 0.09)	0.053 p=0.035 (0.003, 0.10)	0.053 p=0.044 (0.001, 0.10)	0.029 p=0.282 (-0.025, 0.085)	0.023 p=0.276 (-0.019, 0.066)
Log (HOMA-IR)	0.37 p=0.081 (-0.048, 0.79)	0.42 p=0.050 (-0.007, 0.84)	0.37 p=0.100 (-0.08, 0.82)	-0.2 p=0.322 (-0.60, 0.20)	-0.07 p=0.654 (-0.383, 0.243)
Fructosamine	-2.93 p=0.593 (-13.96, 8.08)	-3.74 p=0.501 (-14.98, 7.49)	-2.87 p=0.637 (-14.80, 9.06)	1.63 p=0.781 (-10.54, 13.80)	2.67 p=0.552 (-6.31, 11.66)
HbA1c	0.28 p=0.059 (-0.011, 0.59)	0.34 p=0.021 (0.057, 0.64)	0.31 p=0.042 (0.009, 0.61)	0.097 p=0.513 (-0.20, 0.39)	0.012 p=0.918 (-0.224, 0.249)
Salivary cortisol	-0.02 p=0.535 (-0.076, 0.04)	-0.024 p=0.422 (-0.085, 0.036)	-0.022 p=0.496 (-0.087, 0.043)	-0.024 p=0.535 (-0.10, 0.054)	-0.014 p=0.616 (-0.07, 0.042)
PSS	0.49 p=0.827 (-4.04, 5.02)	0.76 p=0.747 (-3.86, 5.39)	1.03 p=0.671 (-3.88, 5.94)	2.56 p=0.414 (-3.83, 8.96)	0.73 p=0.759 (-4.05, 5.52)
Elevated BP*	1.74 p=0.331 (0.55, 5.44)	2.38 p=0.171 (0.67, 8.40)	1.73 p=0.422 (0.44, 6.74)	3.42 p=0.262 (0.38, 30.43)	1.57 p=0.498 (0.42, 5.85)
Hyperlipidemia*	0.57 p=0.426 (0.14, 2.27)	1.67 p=0.579 (0.27, 10.19)	1.72 p=0.573 (0.26, 11.23)	1.31 p=0.863 (0.06, 28.8)	1.72 p=0.570 (0.264, 11.24)

*Note: AA - Caucasian

*Elevated BP & Hyperlipidemia are binary variables, logistic regression Odds Ratios and 95% CI are reported

**Hyperlipidemia full model excluded Waist-to-Hip Ratio due to collinearity induced nonconvergence issues.