

Table 1(a). Weighted baseline characteristics according to hypertension status

Variables	Non-hypertension	Hypertension	<i>p</i> -value
No. of participants	10481(84.51)	2124(15.49)	
Age, N(%)			<0.001
12 ~ 14	4843(45.49)	679(31.41)	
15 ~ 18	5638(54.51)	1445(68.59)	
Sex, N(%)			<0.001
Male	4897(47.14)	1508(71.27)	
Female	5584(52.86)	616(28.73)	
BMI, kg/m ² , N(%)			<0.001
Normal or below	6692(66.38)	909(44.78)	
Overweight	1824(16.65)	403(19.42)	
Obesity	1965(16.97)	812(35.8)	
Race, N(%)			<0.001
Mexican American	3145(12.4)	614(12.83)	
Other Hispanic	783(6.91)	105(5.22)	
Non-Hispanic White	2871(59.97)	524(56.59)	
Non-Hispanic Black	2866(13.34)	766(18.64)	
Other Race-Including	816(7.38)	115(6.72)	
Multi-Racial			

Table 1(b). Weighted baseline characteristics according to hypertension status

Variables	Non-hypertension	Hypertension	<i>p</i> -value
Poverty level, N(%)			0.437
<1.3	4031(27.57)	777(28.30)	
≥1.3	5655(66.35)	1172(64.78)	
Missing	795(6.08)	175(6.92)	
Secondhand smoke, ng/ml, N(%)			<0.001
<0.03	4131(45.01)	705(36.73)	
0.03~3	5196(43.29)	1109(47.53)	
>3	1154(11.71)	310(15.74)	
Total-cholesterol, mg/dl, N(%)			<0.001
<200	8798(83.68)	1659(79.18)	
200~240	662(6.00)	217(8.97)	
≥240	113(0.89)	49(2.60)	
Missing	908(9.44)	199(9.25)	
Triglyceride, mg/dl, N(%)			<0.001
<150	8554(79.32)	1574(71.47)	
≥150	984(10.93)	350(19.25)	
Missing	943(9.75)	200(9.28)	

Table 1(c). Weighted baseline characteristics according to hypertension status

Variables	Non-hypertension	Hypertension	<i>p</i> -value
HDL, mg/dl, Median(IQR)			<0.001
<40	1119(11.8)	376(19.08)	
40~60	4862(48.26)	912(44.83)	
≥60	1974(18.11)	289(13.07)	
Missing	2526(21.83)	547(23.02)	
HbA1c, mg/d, N(%)			0.294
≤6.5	9661(91.22)	1931(91.32)	
>6.5	31(0.39)	22(0.71)	
Missing	789(8.40)	171(7.97)	
Sodium, mg, mean (SE)	3444.68(27.02)	3740.08(69.27)	0.079
Total fat, g, mean (SE)	81.57(0.67)	86.64(1.52)	0.457
Calcium, mg, mean (SE)	1021.38(11.67)	1053.43(25.99)	0.555
Magnesium, mg, mean (SE)	249.36(2.08)	254.35(4.82)	0.001
Potassium, mg, mean (SE)	2313.55(18.63)	2422.73(49.58)	0.188
BRI, mean (SE)	3.17(0.03)	3.99(0.07)	0.003
CUN-BAE, mean (SE)	21.99(0.17)	24.49(0.36)	<0.001

All N are analytic sample N. BMI, body mass index; HDL, high density lipoprotein; IQR, interquartile range; HbA1c, glycated hemoglobin A1c; SE, standard error of mean; BRI, body rounds index; CUN-BAE, clinica university of Navarra - body fat estimator. All % and mean (SE) are weighted in order to represent the USA population.

Table 2. Weighted relationship between CUN-BAE, BRI, BMI and Hypertension

Exposure		Model 1	Model 2	Model 3
CUN-BAE		1.02(1.01-1.03)	1.06(1.05-1.07)	1.06(1.05-1.07)
CUN-BAE quartile	Q1	1.00	1.00	1.00
	Q2	1.19(0.97-1.47)	1.82(1.46-2.26)	1.77(1.42-2.20)
	Q3	1.30(1.03-1.63)	3.23(2.50-4.18)	2.99(2.30-3.90)
	Q4	1.71(1.41-2.06)	5.09(3.98-6.50)	4.47(3.44-5.82)
	<i>P</i> -trend	<0.001	<0.001	<0.001
BRI		1.27(1.23-1.31)	1.32(1.27-1.36)	1.29(1.24-1.33)
BRI quartile	Q1	1.00	1.00	1.00
	Q2	0.96(0.78-1.17)	1.17(0.95-1.45)	1.16(0.94-1.43)
	Q3	1.29(1.05-1.60)	1.70(1.35-2.13)	1.64(1.30-2.06)
	Q4	2.51(2.07-3.03)	3.33(2.71-4.10)	2.95(2.38-3.66)
	<i>P</i> -trend	<0.001	<0.001	<0.001
BMI		1.09(1.08-1.10)	1.09(1.08-1.10)	1.09(1.07-1.10)
BMI quartile	Q1	1.00	1.00	1.00
	Q2	1.75(1.38-2.22)	1.68(1.32-2.14)	1.66(1.30-2.11)
	Q3	2.45(1.97-3.06)	2.26(1.79-2.87)	2.21(1.75-2.81)
	Q4	4.59(3.63-5.80)	4.39(3.47-5.57)	3.97(3.11-5.07)
	<i>P</i> -trend	<0.001	<0.001	<0.001

Model 1: Unadjusted model.

Model 2: Adjusted for age, sex, race.

Model 3: Model 2 plus, secondhand smoke, sodium, magnesium, cholesterol-total, triglyceride, HDL.