

S5 Table.

Crude and adjusted logistic regression analysis of hypertension unawareness (SBP/DBP \geq 140/90 mmHg without a self-reported medical history of hypertension) in hypertensive participants aged between 30 and 75 years in the ENSPA study in the provinces of Panama and Colon. Odds ratio (OR) and 95% confidence intervals (CIs).

Demographic Factors	Crude analysis OR (95% CI)	Adjusted analysis OR (95% CI)			
		Model 1	Model 2	Model 3	Model 4
Sex					
Female (reference)					
Male	2.19 (1.62 – 2.97)	2.13 (1.42 – 3.20)	2.15 (1.44 – 3.22)	2.13 (1.42 – 3.20)	2.09 (1.37 – 3.17)
Age					
\geq 50 years (reference)					
<50 years	2.22 (1.60 – 3.09)	2.29 (1.54 – 3.40)	2.29 (1.50 – 3.51)	2.24 (1.46 – 3.42)	2.43 (1.57 – 3.76)
Ethnicity					
Caucasian (reference)					
Afro-Panamanian	1.27 (0.77 – 2.07)	1.66 (0.85 – 3.24)	1.58 (0.81 – 3.10)	1.59 (0.80 – 3.16)	1.60 (0.80 – 3.21)
Mestizo	0.89 (0.57 – 1.38)	1.24 (0.70 – 2.18)	1.20 (0.68 – 2.11)	1.18 (0.66 – 2.10)	1.18 (0.66 – 2.09)
Indigenous	2.35 (0.94 – 5.85)	1.62 (0.61 – 4.30)	1.52 (0.57 – 4.03)	1.32 (0.48 – 3.64)	1.32 (0.47 – 3.71)
Others (including Asians)	2.13 (0.81 – 5.64)	1.82 (0.64 – 5.16)	1.58 (0.56 – 4.47)	1.62 (0.58 – 4.56)	1.37 (0.47 – 3.99)
Risk factors for hypertension					
Tabaco consumption					
Non-smoker (reference)					
Ex-smoker	0.89 (0.37 – 2.12)	1.34 (0.38 – 4.72)	1.25 (0.34 – 4.63)	1.19 (0.33 – 4.25)	1.24 (0.33 – 4.68)
Current smoker	1.53 (0.68 – 3.42)	0.94 (0.34 – 2.58)	0.80 (0.30 – 2.16)	0.81 (0.30 – 2.24)	0.73 (0.27 – 1.98)
Body mass index¹					
Healthy weight (reference)					
Underweight	0.69 (0.11 – 4.49)	0.89 (0.24 – 3.35)	0.79 (0.21 – 2.93)	0.83 (0.22 – 3.08)	0.88 (0.24 – 3.32)
Overweight	0.96 (0.60 – 1.54)	1.09 (0.65 – 1.85)	1.18 (0.70 – 1.99)	1.18 (0.70 – 1.97)	1.16 (0.68 – 1.98)
Obesity	0.60 (0.39 – 0.94)	0.79 (0.47 – 1.34)	0.80 (0.48 – 1.34)	0.80 (0.48 – 1.34)	0.76 (0.44 – 1.29)
Physical inactivity					
No (reference)					
Yes	0.95 (0.68 – 1.33)	0.92 (0.61 – 1.39)	0.90 (0.59 – 1.36)	0.91 (0.60 – 1.39)	0.88 (0.57 – 1.36)
Family history of hypertension					
No (reference)					
Yes	0.17 (0.12 – 0.24)	0.18 (0.12 – 0.27)	0.18 (0.12 – 0.27)	0.18 (0.12 – 0.27)	0.18 (0.11 – 0.27)
Self-reported medical history of diabetes					
No (reference)					
Yes	0.31 (0.18 – 0.54)	0.57 (0.32 – 1.02)	0.54 (0.30 – 0.95)	0.55 (0.31 – 0.97)	0.55 (0.31 – 1.00)
BP measurement in the year before study enrollment					
No (reference)					
Yes	0.25 (0.18 – 0.36)	0.35 (0.23 – 0.52)	0.35 (0.23 – 0.53)	0.34 (0.23 – 0.52)	0.35 (0.23 – 0.53)
Socioeconomic Factors					
Monthly Family Income					
\geq 1 000 PAB (reference)					
250 – 999 PAB	1.68 (1.08 – 2.65)				1.39 (0.68 – 2.81)
<250 PAB	1.69 (1.03 – 2.75)				1.00 (0.47 – 2.10)
Regions					
Urban (reference)					
Non-urban	1.78 (1.27 – 2.50)			1.48 (0.95 – 2.31)	1.63 (1.03 – 2.60)
Education					
Higher education (reference)					
Secondary	1.49 (0.94 – 2.37)		1.58 (0.86 – 2.92)	1.54 (0.84 – 2.84)	1.42 (0.72 – 2.81)
No/primary education	1.13 (0.69 – 1.85)		1.07 (0.56 – 2.05)	0.98 (0.51 – 1.87)	0.95 (0.45 – 1.99)

SBP=systolic blood pressure. DBP=diastolic blood pressure. OR=odds ratio. CI=confidence interval. BP=blood pressure.

BMI=body mass index. PAB=Panamanian Balboa.

Model 1= adjusted by sex, age group, ethnicity, BMI, physical inactivity, family history of hypertension, self-reported medical history of diabetes, tobacco consumption, and BP measurement in the year before study enrollment.

Model 2= further adjusted by education.

Model 3= further adjusted by region.

Model 4= further adjusted by monthly family income.

¹According to World Health Organization (WHO).