

**S4 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 PREFREC 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
<b>Sex</b>					
Women (reference)					
Men	<b>2.49 (1.60 – 3.89)</b>	<b>2.30 (1.33 – 3.96)</b>	<b>2.32 (1.30 – 4.13)</b>	<b>2.31 (1.29 – 4.13)</b>	<b>2.31 (1.29 – 4.12)</b>
<b>Age group</b>					
$\geq$ 50 years (reference)					
<50 years	<b>1.69 (1.07 – 2.65)</b>	<b>1.68 (1.01 – 2.80)</b>	1.61 (0.95 – 2.73)	1.61 (0.95 – 2.72)	<b>1.84 (1.06 – 3.17)</b>
<b>Ethnicity</b>					
Caucasian (reference)					
Afro-Panamanian	1.34 (0.65 – 2.79)	1.07 (0.47 – 2.43)	1.05 (0.46 – 2.41)	1.05 (0.46 – 2.41)	1.17 (0.51 – 2.72)
Mestizo	0.96 (0.52 – 1.80)	0.94 (0.47 – 1.87)	0.96 (0.47 – 1.97)	0.96 (0.47 – 1.96)	1.04 (0.50 – 2.16)
Indigenous	0.91 (0.23 – 3.55)	1.26 (0.30 – 5.22)	1.22 (0.29 – 5.15)	1.20 (0.29 – 5.04)	1.47 (0.37 – 5.92)
Others (including Asians)	2.40 (0.59 – 9.77)	0.95 (0.23 – 3.88)	0.58 (0.12 – 2.93)	0.59 (0.12 – 2.96)	0.74 (0.14 – 3.98)
<b>Risk factors for hypertension</b>					
<b>Tabaco consumption</b>					
Non-smoker (reference)					
Ex-smoker	1.28 (0.78 – 2.10)	0.90 (0.50 – 1.62)	0.81 (0.44 – 1.48)	0.81 (0.44 – 1.48)	0.81 (0.45 – 1.47)
Current smoker	1.64 (0.66 – 4.10)	0.56 (0.16 – 1.95)	0.56 (0.16 – 1.98)	0.56 (0.16 – 1.99)	0.56 (0.16 – 1.97)
<b>Body mass index<sup>1</sup></b>					
Healthy weight (reference)					
Underweight	3.38 (0.88 – 12.98)	2.62 (0.52 – 13.11)	2.40 (0.48 – 11.89)	2.36 (0.47 – 11.81)	2.36 (0.46 – 12.01)
Overweight	0.70 (0.41 – 1.18)	0.64 (0.37 – 1.09)	0.60 (0.35 – 1.04)	0.60 (0.35 – 1.04)	0.63 (0.36 – 1.10)
Obesity	<b>0.45 (0.25 – 0.80)</b>	<b>0.45 (0.24 – 0.84)</b>	<b>0.45 (0.24 – 0.84)</b>	<b>0.45 (0.24 – 0.85)</b>	<b>0.48 (0.25 – 0.91)</b>
<b>Physical inactivity</b>					
No (reference)					
Yes	<b>0.54 (0.29 – 0.99)</b>	<b>0.47 (0.25 – 0.88)</b>	<b>0.47 (0.24 – 0.89)</b>	<b>0.47 (0.25 – 0.89)</b>	<b>0.43 (0.22 – 0.84)</b>
<b>Family history of hypertension</b>					
No (reference)					
Yes	<b>0.51 (0.31 – 0.83)</b>	0.60 (0.35 – 1.00)	<b>0.57 (0.34 – 0.98)</b>	<b>0.58 (0.34 – 0.99)</b>	0.62 (0.36 – 1.06)
<b>Self-reported medical history of diabetes</b>					
No (reference)					
Yes	0.85 (0.45 – 1.60)	1.00 (0.51 – 2.00)	1.06 (0.53 – 2.10)	1.05 (0.53 – 2.10)	1.09 (0.54 – 2.19)
<b>BP measurement in the year before study enrollment</b>					
No (reference)					
Yes	<b>0.31 (0.18 – 0.54)</b>	<b>0.48 (0.27 – 0.86)</b>	<b>0.51 (0.28 – 0.95)</b>	<b>0.52 (0.28 – 0.96)</b>	<b>0.46 (0.25 – 0.87)</b>
<b>Socioeconomic Factors</b>					
<b>Monthly Family Income</b>					
$\geq$ 1 000 PAB (reference)					
250 – 999 PAB	0.90 (0.45 – 1.78)		0.83 (0.40 – 1.74)	0.83 (0.40 – 1.74)	0.69 (0.33 – 1.48)
<250 PAB	0.32 (0.42 – 1.70)		0.90 (0.42 – 1.92)	0.88 (0.40 – 1.94)	0.62 (0.26 – 1.50)
<b>Regions</b>					
Urban (reference)					
Non-urban	<b>1.41 (0.99 – 2.01)</b>			1.07 (0.70 – 1.62)	0.94 (0.60 – 1.47)
<b>Education</b>					
Higher education (reference)					
Secondary	0.79 (0.43 – 1.46)				1.39 (0.74 – 2.64)
No/primary education	1.19 (0.65 – 2.18)				<b>2.27 (1.06 – 4.86)</b>

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 monthly family income.

Model 3= further adjusted by region.

Model 4= further adjusted by education.

<sup>1</sup>According to World Health Organization (WHO).