

Supplementary Table. Multivariable adjusted odds ratio for no adherence risk to antihypertensive drug therapy using Morisky-Green-Levine-4 items questionnaire in patients followed in the Cardiovascular Health Program. Association with outcomes using two different definitions of no adherence according to the score (> 1 vs. > 2).

	Odds Ratio* (CI 95%) for No adherence (Morisky score >1) No adherence 61.6% (n= 611)	Odds Ratio* (CI 95%) for No adherence (Morisky score >2) No adherence 38.2% (n=379)
Demographic and socioeconomic characteristic		
Age	0.99 (0.98 – 1.00)	0.98 (0.97 – 1.00)
Male sex	1.54 (1.23 – 1.93)‡	1.53 (1.22 – 1.92)‡
Low education (<8 years of education)	1.06 (0.85 – 1.32)	1.19 (0.96 – 1.48)
Low family income (<US\$80 per person month)	1.39 (1.11 – 1.72)‡	1.69 (1.35 – 2.09)‡
Psychosocial variables		
Inadequate patient –physician relation	1.04 (0.84 – 1.29)	0.95 (0.76 – 1.18)
High emotional stress-depression score	2.15 (1.68 – 2.76)‡	1.97 (1.56 – 2.49)‡
Low social support	1.34 (1.08 – 1.66)‡	1.32 (1.06 – 1.63)‡
Low Knowledge about hypertension	0.98 (0.81 – 1.21)	1.11 (0.91 – 1.36)
Antihypertensive treatment variables		
Uncontrolled BP (\geq 140/90 mmHg)	1.52 (1.22 – 1.90)‡	1.85 (1.49 – 2.29)‡
Multiple antihypertensive RX	0.92 (0.75 – 1.13)	0.78 (0.63 – 0.96)†
Time of care in CVHP (years)	0.98 (0.95 – 1.00)	0.98 (0.96 – 1.01)
Systolic blood pressure baseline in CVHP	1.00 (0.99 – 1.00)	0.99 (0.98 – 1.00)
Diastolic blood pressure baseline in CVHP	1.00 (0.99 – 1.00)	1.00 (0.99 – 1.01)
Anthropometrics and clinical variables		
Diabetes mellitus	0.81 (0.66 – 0.99)†	0.71 (0.58 – 0.87)‡
Elevated total cholesterol (\geq 200 mg/dL)	1.26 (1.04 – 1.54)†	1.17 (0.96 – 1.43)
BMI (Kg/m ²)	1.00 (0.98 – 1.02)	1.01 (0.99 – 1.03)
Lifestyle habits		
Smoking (current smoker)	0.98 (0.78 – 1.22)	1.01 (0.80 – 1.26)
Alcohol related abnormal behavior	1.18 (0.86 – 1.60)	1.28 (0.95 – 1.72)
Sedentary	0.98 (0.75 – 1.29)	1.40 (1.05 – 1.86)†
†p <0.05, ‡p <0.01. *OR adjusted for all the variables that were significant at the p<0.05 level in unadjusted model: sex (male), low family income <US\$80 per person/month), inadequate patient-physician relation (score \leq 71), high emotional stress-depression (score \geq 7), low social support (score <57), uncontrolled BP (\geq 140/90 mmHg), multiple antihypertensive RX (\geq 2 drug antihypertensive), diabetes, elevated total cholesterol (\geq 200 mg/dL), alcohol related abnormal (score \geq 2) as dichotomous variables.		