

Characteristic	JNC7			ACC/AHA		
	log(OR) <sup>‡</sup>	95% CI <sup>‡</sup>	p-value	log(OR) <sup>‡</sup>	95% CI <sup>‡</sup>	p-value
Age at Screening	-0.01	-0.01, 0.00	0.012	0.24	0.19, 0.30	<0.001
Blood pressure category						
SBP <120 and DBP <80 mm Hg	—	—	—	—	—	—
SBP of 120 to <130 and DBP <80 mm Hg	0.09	-0.23, 0.41	0.6	-0.04	-3.4, 3.3	>0.9
SBP of 130 to <140 or DBP 80 to <90 mm Hg	-121	-121, -121	<0.001	-64	-70, -58	<0.001
SBP of 140 to <160 or DBP 90 to <100 mm Hg	-182	-183, -182	<0.001	-83	-90, -76	<0.001
SBP 160+ or DBP 100+ mm Hg	-182	-183, -181	<0.001	-81	-89, -74	<0.001
Blood pressure category including antihypertensive medication use as a group						
SBP of 130 to <140 or DBP 80 to <90 mm Hg	—	—	—	—	—	—
SBP of 130 to <140 or DBP 80 to <90 mm Hg	—	—	—	—	—	—
SBP of 130 to <140 or DBP 80 to <90 mm Hg	—	—	—	—	—	—
SBP of 130 to <140 or DBP 80 to <90 mm Hg	—	—	—	—	—	—
SBP of 140 to <160 or DBP 90 to <100 mm Hg	1.1	0.83, 1.3	<0.001	-0.85	-4.0, 2.3	0.6
SBP 160+ or DBP 100+ mm Hg	2.5	2.2, 2.7	<0.001	-0.77	-4.0, 2.4	0.6
taking antihypertensive medications	3.1	2.9, 3.2	<0.001	-0.42	-2.1, 1.2	0.6
Diastolic blood pressure (DBP), mm Hg	0	0.00, 0.01	0.5	0.29	0.21, 0.37	<0.001
Antihypertensive medication use recommended by the JNC7 guideline						
No	—	—	—	—	—	—
Yes	-5.9	-6.1, -5.6	<0.001	—	—	—
Systolic blood pressure (SBP), mm Hg	0	-0.01, 0.01	0.5	-0.23	-0.28, -0.18	<0.001
Prevalent chronic kidney disease						
No	—	—	—	—	—	—
Yes	-61	-61, -60	<0.001	—	—	—
Prevalent diabetes						
No	—	—	—	—	—	—
Yes	-61	-61, -61	<0.001	—	—	—
Apparent resistant hypertension defined by the JNC7 guideline						
No	—	—	—	—	—	—
Yes	-0.5	-0.66, -0.34	<0.001	—	—	—
ACE inhibitors						
No	—	—	—	—	—	—
Yes	—	—	—	-4.7	-7.4, -2.1	<0.001
Number of antihypertensive medication classes						
None	—	—	—	—	—	—
One	—	—	—	-1.2	-3.5, 1.2	0.3
Two	—	—	—	-0.66	-3.1, 1.8	0.6
Three	—	—	—	-21	-25, -17	<0.001
Four or more	—	—	—	-20	-24, -15	<0.001
Pulse regular or irregular?						
Regular	—	—	—	—	—	—
Irregular	—	—	—	-0.1	-0.16, -0.04	<0.001
Total # of Dietary Supplements Taken	—	—	—	0.12	0.08, 0.16	<0.001
Eosinophils percent (%)	—	—	—	-0.43	-0.72, -0.14	0.004
Doctor ever said you had arthritis						
Yes	—	—	—	—	—	—
No	—	—	—	-1.6	-3.1, -0.08	0.039
Linear spline term						
knot: Pre-2013	-0.13	-0.28, 0.03	0.1	2.5	0.44, 4.5	0.018
knot: Post-2013	-0.15	-0.30, 0.01	0.062	2.1	0.22, 3.9	0.028

<sup>‡</sup> OR = Odds Ratio, CI = Confidence Interval