

Appendix C. Multivariable Modeling Results

Parameter	Systolic Blood Pressure Change*		Average Systolic Blood Pressure at 90 days†		Average Systolic Blood Pressure at 90 days†	
	Adjusting for presenting SBP					
	β (SE)	P-value	β (SE)	P-value	β (SE)	P-value
Intercept	24.8 (14.8)	0.097	125.4 (11.7)	<.0001	71.6 (13.5)	<.0001
History of Sleep Apnea	-1.1 (4.8)	0.825	-1.2 (3.8)	0.761	-0.5 (3.3)	0.890
Warfarin Prior to Index Event	19.9 (13.5)	0.145	7.6 (10.7)	0.480	-2.2 (9.4)	0.812
Age (years)	-0.1 (0.2)	0.622	0.1 (0.2)	0.438	0.1 (0.1)	0.401
Race						
African-American	-2.2 (5.1)	0.663	12.1 (4.1)	0.004	8.5 (3.6)	0.019
Unknown	4.4 (18.1)	0.810	-3.2 (14.4)	0.825	-3.7 (12.4)	0.767
White (reference)	0		0		0	
History of Embolism or Deep Vein Thrombosis	15.9 (14.2)	0.267	-9.3 (11.3)	0.412	-11.6 (9.8)	0.238
History of Depression	3.0 (5.0)	0.549	5.9 (4.0)	0.139	2.6 (3.5)	0.450
Hemiplegia	-0.9 (6.7)	0.890	-1.4 (5.3)	0.789	-0.6 (4.6)	0.894
Anticoagulant Prior to Index Event	-32.6 (10.2)	0.002	-3.0 (8.1)	0.709	9.7 (7.3)	0.188
Statin Prior to Index Event	2.6 (4.7)	0.584	-0.2 (3.7)	0.946	-0.9 (3.2)	0.769
Current Smoker	-6.6 (4.7)	0.161	-6.3 (3.7)	0.089	-1.8 (3.3)	0.583
Implementation	9.3 (4.3)	0.035	-9.2 (3.4)	0.008	-9.3 (3.0)	0.002
Presentation Systolic Blood Pressure					0.4 (0.1)	<.0001

*Change in systolic blood pressure (SBP) was defined as baseline period SBP minus implementation period SBP, therefore a positive number indicates a fall in SBP.

†The average SBP during implementation was compared to the average SBP during baseline, hence a negative number indicates a fall in SBP.