SUPPLEMENTAL MATERIAL

eTable 1. Statin Treatment within Major Treatment Groups

Statin Treatment Groups	Overall (n=5693)		
	Female Patients (n=2460)	Male Patients (n=3233)	p-value
Patients with ASCVD	n=1157	n=2027	
On any statin	890 (76.9%)	1728 (85.3%)	<.0001
Patients with LDL-C≥190 mg/dL	n=77	n=31	
On any statin	31 (40.3%)	10 (32.3%)	0.44
Patients with Diabetes*	n=696	n=592	
On any statin	466 (67.0%)	437 (73.8%)	0.007
Patients with calculated ASCVD 10-year risk ≥7.5%*	n=541	n=585	
On any statin	266 (49.2%)	365 (62.4%)	<.0001

*Age 40-75 years old and with LDL-C>70 mg/dL or on a statin

eTable 2. Adjusted ORs for Variables Included in the Model of Statin Treatment

Variable	Group	OR (95% CI)	p-value
Sex	Female vs. male	0.7 (0.61,0.81)	<.0001
Age ≥65	Per year increase	1.02 (1,1.04)	0.0179
Age <65	Per year increase	0.96 (0.95,0.98)	<.0001
Race	African American vs. white	0.88 (0.68,1.13)	0.3035
	Other vs. white	0.94 (0.58,1.54)	0.8163
Prior CHD	Yes vs. no	2.57 (2.12,3.11)	<.0001
Prior TIA/stroke	Yes vs. no	1.45 (1.09,1.94)	0.0106
Prior other ASCVD	Yes vs. no	1.22 (0.96,1.56)	0.1054
Diabetes	Yes vs. no	1.68 (1.45,1.95)	<.0001
Smoker	1=Current vs. never	0.99 (0.81,1.21)	0.9022
	2=Quit vs. never	0.97 (0.82,1.16)	0.7619
HTN	Yes vs. no	1.56 (1.26,1.92)	<.0001
HF	Yes vs. no	0.85 (0.66,1.09)	0.1920
BMI ≥30	Yes vs. no	0.96 (0.85,1.08)	0.4847

Income	1:<$35,000 vs. ≥100,000	0.9 (0.68,1.21)	0.4972
	2:$35,000-$74,999 vs. ≥100,000	1 (0.78,1.27)	0.9812
	3:$75,000-$99,999 vs. ≥100,000	1.05 (0.79,1.39)	0.7358
College	Yes vs. no	0.96 (0.81,1.12)	0.5803
Insurance	Government vs. private	1.06 (0.92,1.23)	0.4216
	Other(non-US)/none vs. private	0.46 (0.29,0.73)	0.0012
Numeracy	0=0-12 vs. 4= >21	0.96 (0.78,1.19)	0.7216
	1=13-16 vs. 4= >21	0.89 (0.71,1.12)	0.3333
	2=17-21 vs. 4= >21	0.97 (0.77,1.21)	0.7588
Worry about heart disease	Yes vs. no	0.94 (0.81,1.09)	0.4172
Trust physician	Yes vs. no	1.07 (0.92,1.24)	0.3717
Believe statins are effective	1:disagree vs. agree	0.73 (0.49,1.09)	0.1180
	2:neutral vs. agree	0.43 (0.36,0.52)	<.0001
Believe statins are safe	1:disagree vs. agree	0.26 (0.2,0.34)	<.0001
	2:neutral vs. agree	0.45 (0.38,0.53)	<.0001

Believe increased cholesterol increases the risk for a heart attack	1:disagree vs. agree	1.02 (0.79,1.33)	0.8668
	2:neutral vs. agree	1.36 (1.08,1.7)	0.0076
Provider in practice for >5 years	Yes vs. no	1.11 (0.79,1.56)	0.5264
Practice location	Rural vs. urban	0.79 (0.47,1.31)	0.3588
Provider follows the 2013 ACC/AHA guideline	Yes vs. no	0.99 (0.77,1.27)	0.9355
Provider is a cardiologist	Yes vs. no	1.26 (0.99,1.6)	0.0560

ACC/AHA = American College of Cardiology/American Heart Association; ASCVD = atherosclerotic

cardiovascular disease; BMI = body mass index; CHD = coronary heart disease; CI = confidence interval; HF =

heart failure; HTN = hypertension; OR = odds ratio; TIA = transient ischemic attack; US = United States

eTable 3. Adjusted ORs for Variables Included in the Model of Guideline-Recommended Statin Treatment.

Variable	Group	OR (95% CI)	p-value
Sex	Female vs. male	0.82 (0.73,0.92)	0.0008
Age ≥65	Per year increase	0.96 (0.94,0.98)	<.0001
Age <65	Per year increase	1.08 (1.07,1.1)	<.0001
Race	African American vs. white	0.85 (0.67,1.07)	0.1587
	Other vs. white	0.86 (0.55,1.34)	0.5031
Prior CHD	Yes vs. no	1.13 (0.95,1.34)	0.1620
Prior TIA/stroke	Yes vs. no	1.1 (0.9,1.34)	0.3492
Prior Other ASCVD	Yes vs. no	0.9 (0.76,1.07)	0.2491
Diabetes	Yes vs. no	0.73 (0.62,0.86)	0.0002
Smoker	1=Current vs. never	0.93 (0.75,1.15)	0.5063
	2=Quit vs. never	0.96 (0.84,1.1)	0.5829
HTN	Yes vs. no	1.11 (0.94,1.32)	0.2209
HF	Yes vs. no	0.96 (0.77,1.19)	0.7078
BMI ≥30	Yes vs. no	1.02 (0.89,1.16)	0.7817

Income	1:<$35,000 vs. ≥100,000	0.7 (0.54,0.9)	0.0060
	2:$35,000-$74,999 vs. ≥100,000	0.82 (0.67,1.01)	0.0563
	3:$75,000-$99,999 vs. ≥100,000	0.87 (0.7,1.07)	0.1823
College	Yes vs. no	1.01 (0.88,1.16)	0.9073
Insurance	Government vs. private	0.97 (0.86,1.1)	0.6230
	Other(non-US)/none vs. private	0.71 (0.48,1.06)	0.0930
Numeracy	0=0-12 vs. 4= >21	1.17 (0.96,1.42)	0.1168
	1=13-16 vs. 4= >21	1.04 (0.86,1.26)	0.6908
	2=17-21 vs. 4= >21	0.99 (0.83,1.17)	0.8963
Worry about heart disease	Yes vs. no	1 (0.88,1.13)	0.9549
Trust physician	Yes vs. no	1.1 (0.96,1.27)	0.1806
Believe statins are effective	1:disagree vs. agree	0.75 (0.51,1.09)	0.1300
	2:neutral vs. agree	0.59 (0.5,0.7)	<.0001
Believe statins are safe	1:disagree vs. agree	0.45 (0.35,0.57)	<.0001
	2:neutral vs. agree	0.65 (0.56,0.75)	<.0001

Believe increased cholesterol increases the risk for a heart attack	1:disagree vs. agree	1.06 (0.82,1.37)	0.6542
	2:neutral vs. agree	1.1 (0.93,1.3)	0.2830
Provider in practice for >5 years	Yes vs. no	1.08 (0.84,1.39)	0.5425
Practice location	Rural vs. urban	0.7 (0.44,1.11)	0.1295
Provider follows the 2013 ACC/AHA guideline	Yes vs. no	0.94 (0.79,1.11)	0.4707
Provider is a cardiologist	Yes vs. no	1.18 (0.96,1.44)	0.1181

ACC/AHA = American College of Cardiology/American Heart Association; ASCVD = atherosclerotic cardiovascular disease; BMI = body mass index; CHD = coronary heart disease; CI = confidence interval; HF = heart failure; HTN = hypertension; OR = odds ratio; TIA = transient ischemic attack; US = United States