Online Table 1. Relative hazards of atrial fibrillation per SD decrease in log-transformed heart rate variability measures from routine 10 seconds ECG								
Measure	Model 1			Model 2			Model 3		
	HR	95% CI		HR	95% CI		HR	95% CI	
Mean RR interval	0.97	0.93	1.02	1.02	0.98	1.07	1.02	0.98	1.07
Log (SDNN)	1.10	1.05	1.16	1.05	1.00	1.10	1.07	1.02	1.13
Log (RMSSD)	1.05	1.01	1.10	1.03	0.99	1.07	1.05	1.00	1.10

* Hazard ratios are expressed per SD (standard deviation) lower heart rate variability measures. Data from the Atherosclerosis Risk In Communities study with n = 11, 715, middle aged, biracial men and women followed for an average of 19.4 years. ECG = Electrocardiogram

Model 1 is adjusted for age, race, and gender

Model 2 is adjusted for adjusted for model 1 covariates, and prevalent coronary heart disease, diabetes, hypertension, prevalent heart failure, smoking status, alcohol intake, education level, LDL cholesterol, HDL cholesterol, study center, and body mass index.

Model 3 is adjusted for model 2 covariates, and heart rate (no change with additional adjustment of Cornell voltage).

Online Table 2. Baseline characteristics of study participants by inclusion / exclusion status					
Characteristics	Excluded (n=4077)		Included (n=11715)		
	Mean*	SD	Mean*	SD	p-value
Age (in years)	54.4	5.9	54.1	5.7	0.003
Male	0.50		0.43		<0.0001
Caucasian	0.68		0.75		<0.0001
Education					<0.0001
Less than high school	0.27		0.23		
High school but less than college	0.39		0.41		
College or professional	0.34		0.36		
Hypertension	0.38		0.34		<0.0001
Diabetes	0.14		0.11		<0.0001
Prevalent Coronary Heart Disease	0.06		0.04		<0.0001
Prevalent Heart Failure	0.06		0.04		<0.0001
Current smoker	0.28		0.26		<0.0001
Former Smoker	0.32		0.32		0.46
Cigarette-years of smoking	340.8	449.9	306.9	429.3	<0.0001
Usual ethanol intake (in grams/week)	45.5	107.4	41.1	92.8	0.02
LDL cholesterol (in mg/dL)	138.8	40.6	137.3	38.9	0.04
HDL cholesterol (in mg/dL)	49.9	16.9	52.1	17.1	<0.0001
Body Mass Index (in Kg/meter*meter)	28.1	5.5	27.6	5.3	<0.0001
Cornell voltage (mm)	12.6	5.7	12.2	5.5	0.001
Mean RR interval (milliseconds)	908.5	141.8	906.0	136.6	0.48
Log (SDNN)	3.5	0.6	3.5	0.5	0.46
Log (RMSSD)	3.2	0.7	3.2	0.6	0.10
Log (Low Frequency)	2.2	1.7	2.7	1.4	<0.0001
Log (High Frequency)	1.8	1.6	2.1	1.3	<0.0001
Log (LF/HF)	0.4	1.0	0.6	0.9	<0.0001
CHARGE AF risk score (expressed as %)	2.9	3.4	2.5	2.8	<0.0001
*** some of the excluded are missing variable values					