

SUPPLEMENTAL MATERIAL

Table S1. Univariable and multivariable Cox regression models for new-onset AF based on different cut-off value of PVC daily count

Variable	Univariate model		Multivariable model	
	Crude HR (95 % CI)	p- value	Adjusted HR (95 % CI)	p- value
PVC count < 1000	Ref.	-	Ref.	-
1000 ≤ PVC count <5000	1.74 (1.29-2.36)	<0.001	1.48 (1.09-2.00)	0.011
PVC count ≥ 5000	1.80 (1.34-2.41)	<0.001	1.66 (1.23-2.23)	0.001
Age ≥ 60	3.75 (2.94-4.77)	<0.001	3.52 (2.73-4.54)	<.0001
Male	1.34 (1.10-1.61)	0.003	1.15 (0.94-1.40)	0.167
DM	1.76 (1.44-2.15)	<0.001	1.20 (0.97-1.48)	0.095
HTN	2.09 (1.71-2.57)	<0.001	1.18 (0.94-1.47)	0.147
HF	2.83 (2.27-3.52)	<0.001	2.51 (2.00-3.15)	<.0001
CAD	1.96 (1.56-2.48)	<0.001	1.10 (0.85-1.41)	0.472
Alcoholism	3.39 (1.40-8.19)	0.007	3.68 (1.51-9.00)	0.004
Hyperthyroidism	1.27 (0.75-2.17)	0.377	1.52 (0.88-2.61)	0.134

CAD, coronary artery disease; CI, confidence interval; DM, diabetes mellitus;

HF, heart failure; HR, hazard ratio; HTN, hypertension; PVC, premature

ventricular complex.

Table S2. Univariable and multivariable Cox regression models for new-onset

AF based on PVC daily burden in percentile

Variable	Univariate model		Multivariable model	
	Crude HR (95 % CI)	p-value	Adjusted HR (95 % CI)	p-value
PVC burden in percentile	9.36 (2.19-40.10)	0.003	8.05 (1.79-36.29)	0.007
Age \geq 60	3.75 (2.94-4.77)	<0.001	3.56 (2.76-4.59)	<0.001
Male	1.34 (1.10-1.61)	0.003	1.17 (0.96-1.42)	0.129
DM	1.76 (1.44-2.15)	<0.001	1.21 (0.98-1.49)	0.078
HTN	2.09 (1.71-2.57)	<0.001	1.20 (0.96-1.49)	0.113
HF	2.83 (2.27-3.52)	<0.001	2.50 (1.99-3.14)	<0.001
CAD	1.96 (1.56-2.48)	<0.001	1.10 (0.85-1.41)	0.472
Alcoholism	3.39 (1.40-8.19)	0.007	3.80 (1.56-9.28)	0.003
Hyperthyroidism	1.27 (0.75-2.17)	0.377	1.47 (0.85-2.53)	0.167

PVC, premature ventricular complex.

Multivariable model: adjusted for age, sex, DM, HTN, HF, CAD, alcoholism,
and hyperthyroidism.