

**Supplementary Table 1. Independent predictors for sick sinus syndrome among the patients who received ILR implantation for unexplained syncope (LAVI as a continuous variable)**

Variable	Univariate analysis		Multivariate analysis <sup>a)</sup>	
	HR (95% CI)	<i>p</i> value	HR (95% CI)	<i>p</i> value
Age	1.020 (1.009–1.031)	< 0.001	1.007 (0.989–1.025)	0.459
Sex, male	1.136 (0.841–1.533)	0.406	0.941 (0.610–1.452)	0.784
Diabetes mellitus	1.398 (0.984–1.987)	0.062	0.989 (0.609–1.605)	0.963
Hypertension	1.655 (1.223–2.238)	0.001	1.894 (1.196–3.001)	0.007
Structural heart disease <sup>b)</sup>	1.206 (0.864–1.684)	0.270	1.113 (0.720–1.722)	0.630
Bradycardia less than 60 BPM	1.796 (1.314–2.455)	< 0.001	1.604 (1.020–2.524)	0.041
PR interval, per 1ms increase	1.005 (1.001–1.010)	0.013	1.002 (0.995–1.009)	0.597
QRS duration, per 1ms increase	1.001 (0.992–1.009)	0.894	0.993 (0.978–1.008)	0.333
Any intraventricular conduction delay <sup>c)</sup>	1.124 (0.671–1.881)	0.658	2.048 (0.870–4.822)	0.101
LVEF, per 1% increase	0.995 (0.974–1.016)	0.620	0.988 (0.964–1.013)	0.351
LAVI, per 1 mL/m <sup>2</sup> increase	1.011 (1.006–1.016)	< 0.001	1.023 (1.008–1.039)	0.003

ILR, implantable loop recorder; LAVI, left atrial volume index; HR, hazard ratio; CI, confidence interval; BPM, beats per minute; LVEF, left ventricular ejection fraction; ICMP, ischemic cardiomyopathy; DCMP, dilated cardiomyopathy; HCMP, hypertrophic cardiomyopathy; RBBB, right bundle branch block; LBBB, left bundle branch block; LAFB, left anterior fascicular block; LPFB, left posterior fascicular block.

<sup>a)</sup>The discriminant ability of multivariable model was 0.680 (95% CI 0.625–0.734). All variables in Supplementary Table 1 were used for adjustment.

<sup>b)</sup>Structural heart disease included coronary artery disease, ICMP, DCMP, HCMP, other congestive heart failure, and moderate to severe valvular heart disease.

<sup>c)</sup>Any intraventricular conduction delay included RBBB, LBBB, LAFB, LPFB, and bifascicular block.