Supplementary Table 3. Risk factors associated with higher HbA1c-CV and adjusted-HbA1c-SD during follow-up

Variable	OR (95% CI)		
	Model 1	Model 2	Model 3
Higher HbA1c-CV			
Early CAN (vs. normal group)	1.45 (1.04–2.00)[a]	1.37 (0.96–1.95)	1.37 (0.96–1.96)
Severe CAN (vs. normal group)	2.66 (1.52–4.66)[b]	2.09 (1.15–3.82)[b]	2.10 (1.13–3.91)[a]
Age (per 1 yr increment)	0.97 (0.95–0.98)[b]	0.98 (0.96–1.00)[a]	0.97 (0.95–0.99)[b]
Sex (male vs. female)	1.16 (0.84–1.60)	1.02 (0.72–1.44)	1.08 (0.75–1.54)
BMI (per 1 kg/m^2 increment)	1.06 (1.01–1.12)[a]	1.05 (0.99–1.11)	1.04 (0.99–1.10)
Duration of diabetes (per 1 yr increment)		0.98 (0.96–1.01)	0.98 (0.95–1.00)
Mean of serial HbA1c (per 1% increment)		4.33 (3.06–6.22)[b]	4.21 (2.94–6.04)[b]
Heart rate (per 1 beats/min increment)			1.02 (1.00–1.03)[a]
eGFR (per 1 mL/min/1.73 m^2 increment)			1.00 (0.99–1.01)
Diabetic retinopathy (yes vs. no)			1.75 (1.13–2.70)[a]
Coronary artery disease (yes vs. no)			2.24 (1.16–4.30)[a]
Diabetes treatment (insulin use vs. no)			0.82 (0.47–1.44)
Hypertension medication (yes vs. no)			1.20 (0.83–1.74)
Higher adjusted-HbA1c-SD			
Early CAN (vs. normal group)	1.62 (1.17–2.26)[b]	1.61 (1.10–2.35)[a]	1.61 (1.10–2.37)[a]
Severe CAN (vs. normal group)	3.13 (1.78–5.53)[b]	2.55 (1.35–4.84)[b]	2.56 (1.34–5.02)[b]
Age (per 1 yr increment)	0.96 (0.95–0.98)[b]	0.98 (0.95–1.00)[a]	0.96 (0.94–0.99)[b]
Sex (male/female)	1.19 (0.86–1.65)	1.03 (0.71–1.49)	1.10 (0.75–1.60)
BMI (per 1 kg/m^2 increment)	1.08 (1.02–1.14)[b]	1.07 (1.01–1.13)[a]	1.06 (1.00–1.13)
Duration of diabetes (per 1 yr increment)		0.98 (0.95–1.01)	0.96 (0.94–0.99)[a]
Mean of serial HbA1c (per 1% increment)		8.69 (5.70–13.22)[b]	8.54 (5.51–13.24)[b]
Heart rate (per 1 beats/min increment)			1.02 (1.00–1.03)[a]
eGFR (per 1 mL/min/1.73 m^2 increment)			1.00 (0.99–1.01)
Diabetic retinopathy (yes vs. no)			1.93 (1.21–3.09)[b]
Coronary artery disease (yes vs. no)			2.01 (1.01–4.00)[a]
Diabetes treatment (insulin use vs. no)			0.99 (0.54–1.81)
Hypertension medication (yes vs. no)			1.39 (0.94–2.06)

Model 1: adjusted for age, sex, and BMI; Model 2: adjusted for model 1+diabetes duration and mean serial HbA1c; Model 3: adjusted for model 2+heart rate, eGFR, diabetic retinopathy, coronary artery disease, diabetes treatment (insulin use), and use of hypertension medication.
HbA1c, glycosylated hemoglobin; CV, coefficient of variation; SD, standard deviation; OR, odds ratio; CI, confidence interval; CAN, cardiovascular autonomic neuropathy; BMI, body mass index; eGFR, estimated glomerular filtration rate.
[a]$P<0.05$, [b]$P<0.01$.