

Supplementary Table 2. Baseline characteristics according to HbA1c-SD

Characteristic	Lower HbA1c-SD (<i>n</i> =341)	Higher HbA1c-SD (<i>n</i> =340)	<i>P</i> value
Age, yr	58.9±8.4	56.1±10.1	<0.001
Male sex	205 (60.1)	201 (59.1)	0.790
Duration of diabetes, yr	9.1±7.6	10.1±7.9	0.094
Current smoker	53 (15.5)	69 (20.3)	0.106
BMI, kg/m ²	24.5±3.0	25.2±3.3	0.001
WC, cm	85.6±8.2	87.2±8.9	0.017
WHR	0.92±0.06	0.93±0.06	0.033
Systolic BP, mm Hg	128.6±15.1	132.1±16.9	0.004
Diastolic BP, mm Hg	81.5±8.4	82.8±9.1	0.031
Heart rate, beats/min	69.6±11.4	72.9±13.1	<0.001
Fasting glucose, mg/dL	125.4±23.4	140.7±44.2	<0.001
Baseline HbA1c, %	6.67±0.56	7.43±1.29	<0.001
Serum creatinine, mg/dL	0.85±0.18	0.85±0.20	0.895
eGFR (MDRD), mL/min/1.73 m ²	86.8±18.2	87.4±19.6	0.658
Total cholesterol, mg/dL	162.6±28.0	165.7±36.9	0.208
Triglyceride, mg/dL	117.7±67.4	139.4±108.9	0.002
HDL-C, mg/dL	48.7±10.9	47.5±12.0	0.169
LDL-C, mg/dL	89.8±25.1	92.4±29.4	0.220
Diabetic retinopathy	71 (20.8)	113 (33.2)	<0.001
CAN severity			<0.001
Normal CAN	170 (49.9)	124 (36.5)	
Early CAN	148 (43.4)	170 (50.0)	
Severe CAN	23 (6.7)	46 (13.5)	
Previous CAD	20 (5.9)	35 (10.3)	0.034
Previous CVA	29 (5.6)	15 (4.4)	0.487
Diabetes treatment			
Life style modification only	34 (10.0)	8 (2.4)	<0.001
OHA only	275 (80.6)	253 (74.4)	0.051
Insulin±OHA	32 (9.4)	79 (23.2)	<0.001
Use of hypertension medication	182 (53.4)	199 (58.5)	0.175
Use of statin	208 (61.0)	208 (61.2)	0.962
Use of antiplatelet	205 (60.1)	196 (57.6)	0.512
During follow-up			
Follow-up period, yr	5.4 (5.0–5.9)	5.5 (4.9–6.0)	0.580
No. of HbA1c measurements	16.9±4.5	19.3±4.9	<0.001
Mean of serial HbA1c, %	6.72±0.46	7.39±0.79	<0.001
HbA1c variability indices			
HbA1c-SD, %	0.328±0.091	0.799±0.340	<0.001
HbA1c-CV, %	4.871±1.290	10.762±4.171	<0.001
Adjusted-HbA1c-SD, %	0.318±0.089	0.776±0.330	<0.001

Values are presented as mean ± standard deviation, number (%), or median (interquartile range).

HbA1c, glycosylated hemoglobin; SD, standard deviation; BMI, body mass index; WC, waist circumference; WHR, waist-hip ratio; BP, blood pressure; eGFR, estimated glomerular filtration rate; MDRD, Modification of Diet in Renal Disease; HDL-C, high density lipoprotein cholesterol; LDL-C, low density lipoprotein cholesterol; CAN, cardiovascular autonomic neuropathy; CAD, coronary artery disease; CVA, cerebrovascular accident; OHA, oral hypoglycemic agent; CV, coefficient of variation.