Supplementary Table 1. Multiple linear regression analysis for TyG index in CAN

Variables	β	t	P value
Sex (male)	−0.153	−1.103	0.275
Age, yr	−0.217	−1.550	0.129
Duration, yr	−0.049	−0.340	0.735
Fasting blood sugar (mmol/L)	0.124	0.870	0.389
HbA1c	0.030	0.220	0.318
Basal metabolic index	0.077	0.640	0.525
SBP	−0.032	−0.230	0.821
DBP	−0.036	−0.270	0.784
TC	−0.123	−0.840	0.409
HDL	−0.062	−0.500	0.622
TG	0.112	0.750	0.456
TyG index	0.389	3.010	0.005
HRD	0.172	1.410	0.165
HRS	−0.236	−1.930	0.061
Valsalva	−0.133	−1.100	0.277
BPS	0.042	0.290	0.768
BPH	0.072	0.540	0.590
Smoker	0.313	2.149	0.036
Nephropathy	0.188	−0.732	0.468
Retinopathy	0.310	2.309	0.025
DPN	0.013	0.086	0.932

Multivariate regression analysis for relationship between TyG index and CAN after adjustment of other clinical variables.

TyG = triglyceride glucose, CAN = cardiac autonomic neuropathy, HbA1c = glycated haemoglobin, SBP = systolic blood pressure, DBP = diastolic blood pressure, TC = total cholesterol, HDL = high density lipoprotein, TG = triglyceride, HRD = heart rate during deep breathing, HRS = heart rate variation during standing, BPS = blood pressure standing, BPH = blood pressure handgrip, DPN = diabetic peripheral neuropathy.