

**Table S1 - Characteristics of the study population based on different nerve conduction velocity (NCV) sum scores**

Characteristic	Outcome 1: Participants with NCV data for at least 2 nerves	Outcome 2: Participants with NCV data for 3 nerves	Outcome 3: Participants with NCV data for motor nerves <sup>a</sup>
	N=786	N=558	N=739
Sex, female	408 (51.9%)	301 (54.0%)	381 (51.6%)
Age, years	60.2 (8.7)	59.1 (8.7)	60.2 (8.7)
BMI, kg/m <sup>2</sup>	26.2 (24.0; 29.4)	26.1 (23.9; 29.1)	26.2 (24.0; 29.5)
Waist circumference, cm	94.4 (85.6; 102.6)	93.7 (84.5; 102.0)	94.5 (85.9; 102.8)
HbA1c, mmol/mol	37 (34; 43)	37 (34; 43)	37 (34; 44)
Glucose metabolism status, n (%)			
Normal	444 (56.6%)	325 (58.3%)	412 (55.8%)
Prediabetes	108 (13.7%)	76 (13.6%)	101 (13.7%)
Type 2 diabetes	231 (29.4%)	154 (27.7%)	223 (30.2%)
Other diabetes types	2 (0.3%)	2 (0.4%)	2 (0.3%)
Total cholesterol, mmol/l	5.2 (1.1)	5.2 (1.1)	5.1 (1.1)
Triglycerides, mmol/l	1.2 (0.9; 1.7)	1.2 (0.9; 1.6)	1.2 (0.9; 1.7)
eGFR, ml/min/1.73m <sup>2</sup>	84.1 (73.5; 93.3)	84.9 (75.4; 94.0)	84.1 (73.6; 93.3)
Hypertension, n (%)	535 (68.1%)	379 (68.0%)	507 (68.7%)
History of CVD, n (%)	146 (18.6%)	99 (17.8%)	137 (18.6%)
Smoking, n (%)			
Never	302 (38.5%)	229 (41.2%)	285 (38.7%)
Former	371 (47.3%)	250 (44.9%)	349 (47.3%)
Current	111 (14.2%)	77 (13.8%)	103 (13.9%)
Alcohol consumption, n (%) <sup>b</sup>			
None	168 (21.4%)	120 (21.6%)	156 (21.2%)
Low	441 (56.2%)	311 (55.9%)	417 (56.6%)
High	175 (22.3%)	125 (22.5%)	164 (22.2%)
Glucose-lowering drugs, n (%)	174 (22.2%)	113 (20.3%)	167 (22.6%)
Lipid-lowering drugs, n (%)	275 (35.0%)	193 (34.6%)	268 (36.3%)
Antihypertensive drugs, n (%)	308 (39.2%)	206 (36.9%)	295 (39.9%)
NSAIDs, n (%)	67 (8.5%)	44 (7.9%)	62 (8.4%)

Continuous data are given as mean (SD) or median (interquartile range). Categorical variables are given as numbers and percentages (%).

BMI, body mass index; CVD, cardiovascular diseases; eGFR, estimated glomerular filtration rate; NCV, nerve conduction velocity; NSAIDs, nonsteroidal anti-inflammatory drugs; SD, standard deviation.

<sup>a</sup> Motor nerves include the peroneal and the tibial nerves.

<sup>b</sup> None as 0 glasses/week; low as  $\leq 7$  glasses/week for women and  $\leq 14$  glasses/week for men; high as  $> 7$  glasses/week for women and  $> 14$  glasses/week for men.

Missing values: sex (N=1); age (N=1); BMI (N=1); waist circumference (N=1); HbA1c (N=1); glucose metabolism status (N=1); total cholesterol (N=1); triglycerides (N=1); hypertension (N=1); history of CVD (N=3); smoking (N=2); alcohol consumption (N=2); glucose-lowering drugs (N=1); lipid-lowering drugs (N=1); antihypertensive drugs (N=1); NSAIDs (N=1).