

APPENDIX A

Supplement Table 1. Associations of glycemia with distal peripheral neuropathy ascertained using alternative definitions

MNSI ≥ 2 or use of medications (n=69)	Unadjusted OR (95% CI)	p-value	Adjusted OR** (95% CI)	p-value
Time in range (70-180 mg/dL) (per 10% lower)*	1.27 (1.03, 1.56)	0.025	1.24 (1.01, 1.54)	0.045
Time above range (>180 mg/dL) (per 10% higher)*	1.25 (1.02, 1.53)	0.029	1.23 (1.00, 1.51)	0.054
Percent coefficient of variations (per 6% higher [1SD])	1.28 (0.84, 1.94)	0.255	1.27 (0.82, 1.98)	0.281
GMI (per 1% higher)	1.78 (1.03, 3.08)	0.038	1.68 (0.96, 2.93)	0.068
HbA1c (per 1% or 11 mmol/mol higher)	1.22 (0.92, 1.63)	0.175	1.15 (0.85, 1.56)	0.379
Duration of diabetes (per 10 years longer)	1.09 (0.72, 1.65)	0.691	1.15 (0.74, 1.79)	0.527
MNSI ≥ 4 (n=44)				
Time in range (70-180 mg/dL) (per 10%	1.22 (1.02, 1.46)	0.031	1.22 (1.01, 1.48)	0.040

lower)*				
Time above range (>180 mg/dL) (per 10% higher)*	1.22 (1.02, 1.45)	0.030	1.22 (1.01, 1.47)	0.038
Coefficient of variations (per SD=0.06 mg/dL higher)	1.58 (1.00, 2.48)	0.049	1.62 (1.00, 2.61)	0.049
GMI (per 1% higher)	1.28 (0.98, 1.67)	0.066	1.24 (0.93, 1.66)	0.138
HbA1c (per 1% or 11 mmol/mol higher)	1.24 (0.84, 1.84)	0.283	1.15 (0.76, 1.73)	0.508
Duration of diabetes (per 10 years longer)	1.07 (0.72, 1.59)	0.747	1.27 (0.82, 1.97)	0.289

Abbreviations: Michigan Neuropathy Screening Instrument (MNSI), glucose management indicator (GMI), HbA1c (hemoglobin A1c)

*10% = 144 min/day

** adjusted for age, gender, race