

Supplementary Table 2. Subgroup analysis for association of ISD–increase in WC and BMI with risk of microvascular outcome

Variable	Neuropathy ^a		Nephropathy ^b		Retinopathy ^c	
	cVIM for WC	cVIM for BMI	cVIM for WC	cVIM for BMI	cVIM for WC	cVIM for BMI
Age, yr						
< 65	0.88 (0.67–1.37)	0.87 (0.66–1.16)	0.84 (0.72–0.99)	1.04 (0.90–1.19)	1.08 (0.73–1.60)	1.32 (0.90–1.94)
≥ 65	1.00 (0.68–1.46)	1.24 (0.86–1.79)	0.83 (0.66–1.04)	0.94 (0.75–1.19)	1.44 (0.76–2.75)	1.36 (0.73–2.57)
<i>P</i> for interaction	0.93	0.46	0.52	0.47	0.48	0.91
Sex						
Male	0.89 (0.65–1.20)	1.07 (0.79–1.44)	0.78 (0.66–0.93)	0.93 (0.79–1.09)	1.20 (0.74–1.94)	1.36 (0.85–2.17)
Female	1.03 (0.73–1.44)	0.97 (0.69–1.36)	0.77 (0.64–0.93)	0.97 (0.81–1.15)	1.13 (0.70–1.81)	1.30 (0.81–2.07)
<i>P</i> for interaction	0.98	0.24	0.03	0.03	0.63	0.70
Duration of diabetes, yr						
< 9	0.99 (0.71–1.37)	1.04 (0.75–1.44)	0.88 (0.73–1.06)	1.02 (0.87–1.20)	1.46 (0.90–2.39)	2.04 (1.29–3.23)
≥ 9	0.85 (0.62–1.16)	0.93 (0.69–1.27)	0.63 (0.53–0.76)	0.84 (0.70–1.01)	0.97 (0.61–1.53)	0.93 (0.59–1.48)
<i>P</i> for interaction	0.77	0.07	0.07	0.12	0.66	0.43
Glycemia						
Standard	0.98 (0.63–1.22)	0.83 (0.60–1.16)	0.89 (0.73–1.07)	0.99 (0.95–1.03)	1.40 (0.87–2.26)	1.64 (1.04–2.59)
Intensive	0.97 (0.72–1.32)	1.18 (0.87–1.61)	0.67 (0.57–0.79)	1.01 (0.97–1.05)	1.04 (0.65–1.66)	1.12 (0.70–1.79)
<i>P</i> for interaction	0.28	0.40	0.05	0.38	0.68	0.44
Arm of trial						
Standard BP	1.23 (0.78–1.94)	1.08 (0.67–1.76)	0.87 (0.65–1.17)	0.87 (0.65–1.16)	1.10 (0.56–2.16)	0.99 (0.51–1.89)
Intensive BP	0.83 (0.52–1.33)	1.09 (0.68–1.73)	0.81 (0.63–1.04)	1.11 (0.90–1.36)	0.81 (0.42–1.55)	0.64 (0.34–1.28)
Lipid placebo	1.12 (0.74–1.69)	1.11 (0.74–1.68)	0.68 (0.48–0.96)	1.04 (0.76–1.42)	1.17 (0.60–2.28)	2.06 (1.13–3.74)
Lipid fibrate	0.62 (0.39–0.99)	0.81 (0.51–1.27)	0.86 (0.69–1.06)	0.84 (0.67–1.05)	1.99 (1.00–3.95)	2.43 (1.24–4.73)
<i>P</i> for interaction	0.29	0.73	0.06	0.06	0.64	0.59

Hazard ratio (95% confidence interval) of each stratification was calculated after adjusted for the following except for the stratification itself. SD, standard deviation; WC, waist circumference; BMI, body mass index; cVIM, corrected variability independent of the mean; BP, blood pressure.

^aNeuropathy: Adjusted for age, sex, race, duration of diabetes, allocation to glycemia treatment arm, BP vs. lipid treatment arm, systolic BP, diastolic BP, low density lipoprotein (LDL), high density lipoprotein (HDL), glycosylated hemoglobin (HbA1c), insulin use, alcohol consumption and baseline BMI (or baseline WC), ^bNephropathy: Adjusted for age, sex, race, duration of diabetes, BP vs. lipid treatment arm, systolic BP, diastolic BP, LDL, HDL, HbA1c, antihypertensive, cardiovascular disease history, estimated glomerular filtration rate, urinary albumin creatinine ratio, and baseline BMI (or baseline WC), ^cRetinopathy: Adjusted for age, sex, race, duration of diabetes, allocation to glycemia treatment arm, BP vs. lipid treatment arm, systolic BP, diastolic BP, LDL, HDL, HbA1c, insulin use, and baseline BMI (or baseline WC).