Supplementary Figure S7. Association of vessel skeleton density (VSD) with categorical cardiovascular risk factors. Pink denotes artery, blue denotes vein. Model1 unadjusted, Model2 adjusted for age and gender. OR=Odds Ratio. VSD=Vessel Skeleton Density, CI=Confidence

terval Measurement	Risk factor	N	Model1 OR(95% CI)	Model2 OR(95% CI)
VSD (large)	Hyperlipidemia	21776	0.95 (0.94-0.97)	0.97 (0.95-0.98)
VSD (medium)	Hyperlipidemia	21749	0.91 (0.90-0.93)	0.99 (0.97-1.01)
VSD (small)	Hyperlipidemia	21589	0.83 (0.81-0.84)	0.97 (0.95-0.99)
VSD (large)	Hypertension	24872 •	0.76 (0.74-0.77)	0.75 (0.74-0.77)
VSD (medium)	Hypertension	24850 •	0.81 (0.80-0.83)	• 0.89 (0.87-0.91)
VSD (small)	Hypertension	24640 •	0.77 (0.76-0.78)	• 0.93 (0.91-0.95)
VSD (large)	Diabetes	2183 +●+	0.93 (0.89-0.97)	 0.95 (0.91-1.00)
VSD (medium)	Diabetes	2185 +→	0.86 (0.82-0.89)	- 0.91 (0.87-0.95)
VSD (small)	Diabetes	2174 +→+	0.79 (0.76-0.83)	· → 0.88 (0.84-0.92)
VSD (large)	Smoking	4524	1.03 (1.00-1.06)	1.03 (1.00-1.06)
VSD (medium)	Smoking	4497	1.01 (0.98-1.04)	+→ 0.97 (0.94-1.00)
VSD (small)	Smoking	4420	+ 1.08 (1.04-1.11)	1 0.98 (0.95-1.01)
VSD (large)	Hyperlipidemia	21737	1.05 (1.03-1.07)	1.03 (1.01-1.05)
VSD (medium)	Hyperlipidemia	21006	0.94 (0.92-0.96)	1.02 (1.00-1.04)
VSD (small)	Hyperlipidemia	21144	0.85 (0.84-0.87)	0.99 (0.98-1.01)
VSD (large)	Hypertension	24778	1.09 (1.07-1.11)	1.06 (1.04-1.08)
VSD (medium)	Hypertension	23907	0.93 (0.91-0.95)	a 1.01 (0.99-1.03)
VSD (small)	Hypertension	24057	0.86 (0.85-0.88)	1.04 (1.02-1.06)
VSD (large)	Diabetes	2189	1.01 (0.97-1.05)	0.99 (0.95-1.03)
VSD (medium)	Diabetes	2112	0.91 (0.88-0.95)	0.95 (0.91-0.99)
VSD (small)	Diabetes	2125 +◆+	0.83 (0.80-0.87)	- → 0.91 (0.87-0.95)
VSD (large)	Smoking	4503	1.06 (1.03-1.09)	t → 1.07 (1.04-1.11)
VSD (medium)	Smoking	4329	+●+ 1.08 (1.04-1.11)	1.02 (0.99-1.06)
VSD (small)	Smoking	4259	+→ 1.08 (1.05-1.11)	0.98 (0.95-1.02)
		0.8 0.9	1.0 1.1	0.8 0.9 1.0 1.1