Supplementary Figure S8. Association of retinal vessel skeleton density (VSD) in different retinal region (macular region and other region) with categorical cardiovascular risk factors. Pink denotes artery, blue denotes vein. Model1 unadjusted, Model2 adjusted for age and gender. VSD=Vessel Skeleton Density, CI=Confidence Interval, DD=1 Disc Diameter from the fovea, OR=Odds Ratio.

Measurement	Risk factor	N			Model1 OR(95% CI)		Model2 OR(95% CI)
VSD (DD)	Hyperlipidemia	21924	•		0.84 (0.82-0.85)	н	0.96 (0.95-0.98)
VSD (other)	Hyperlipidemia	21560	•		0.87 (0.85-0.88)	I <b>⊕</b> I	0.97 (0.95-0.99)
VSD (DD)	Hypertension	24997	•	1	0.69 (0.68-0.70)	let :	0.81 (0.79-0.82)
VSD (other)	Hypertension	24648	•		0.75 (0.73-0.76)	I <b>⊕</b> I	0.84 (0.82-0.86)
VSD (DD)	Diabetes	2199	₩Н		0.76 (0.73-0.80)	<b>⊢</b>	0.84 (0.80-0.88)
VSD (other)	Diabetes	2163	н <b>⊕</b> н	-	0.86 (0.83-0.90)		0.93 (0.89-0.97)
VSD (DD)	Smoking	4545		н	1.05 (1.02-1.08)	ı⊷i	0.97 (0.94-1.00)
VSD (other)	Smoking	4452		¦ ⊯i	1.08 (1.05-1.11)	<b>⊢</b>	1.01 (0.98-1.04)
VSD (other)	Hyperlipidemia	20971	•		0.92 (0.90-0.94)	ı <b>-</b> H	1.01 (0.99-1.03)
VSD (DD)	Hyperlipidemia	21654	•		0.88 (0.87-0.90)	H <del>O</del> H	1.01 (0.99-1.03)
VSD (other)	Hypertension	23889	•	-	0.93 (0.91-0.95)	l <del>o</del> i	1.03 (1.01-1.05)
VSD (DD)	Hypertension	24638	•		0.90 (0.88-0.91)		1.05 (1.03-1.07)
VSD (other)	Diabetes	2085	₩Н	1	0.91 (0.87-0.95)	⊷	0.96 (0.91-1.00)
VSD (DD)	Diabetes	2184	н <b>⊕</b> н		0.84 (0.81-0.88)	<b>⊢</b>	0.91 (0.87-0.95)
VSD (other)	Smoking	4301		<u></u> ⊢	1.10 (1.07-1.14)	ļ⊢ <b>⊕</b> -	+ 1.04 (1.01-1.08)
VSD (DD)	Smoking	4461		H <b>⊕</b> H	1.09 (1.05-1.12)	⊢∳⊣	1.00 (0.97-1.03)
			0.7 0.8 0.9 1	.0 1.1		0.8 0.9 1.0	-