

**Table S1:** Linear regression analysis of factors associated with subfoveal choroidal thickness for group 1.

Variables	Univariate			Multivariate <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	<i>p</i>	Unstandardized B	Standardized $\beta$	<i>p</i>
Age (years)	-7.529	-0.645	0.002	-3.131	-0.268	0.017
Sex, female	3.833	0.017	0.941			
BCVA (logMAR)	-185.583	-0.382	0.087			
SE (D)	-9.367	-0.124	0.591			
IOP (mmHg)	4.890	0.148	0.523			
Lens status, phakic	26.173	0.118	0.609			
Axial length (mm)	-7.686	-0.051	0.828			
Fasting blood sugar (mmol/l)	-8.887	-0.042	0.855			
HbA1c (%)	-54.028	-0.219	0.341			
HBP, present	65.088	0.231	0.313			
SF-RT ( $\mu$ )	0.206	0.040	0.864			
LA-1.5 (mm <sup>2</sup> )	290.333	0.959	0.001	250.669	0.828	0.306
LA-3 (mm <sup>2</sup> )	150.630	0.952	0.001	-295.360	-1.867	0.097
LA-6 (mm <sup>2</sup> )	75.456	0.938	0.001	156.572	1.946	0.050
SA-1.5 (mm <sup>2</sup> )	631.879	0.964	0.001	784.878	1.198	0.082
SA-3 (mm <sup>2</sup> )	315.909	0.949	0.001	216.424	0.650	0.345
SA-6 (mm <sup>2</sup> )	156.582	0.940	0.001	-322.776	-1.937	0.037
LA/SA-1.5 (mm <sup>2</sup> )	120.725	0.239	0.297			
LA/SA-3 (mm <sup>2</sup> )	39.125	0.095	0.681			
LA/SA-6 (mm <sup>2</sup> )	255.971	0.387	0.083			
CVI-1.5 (mm <sup>2</sup> )	15.062	0.316	0.162			
CVI-3 (mm <sup>2</sup> )	7.989	0.199	0.388			
CVI-6 (mm <sup>2</sup> )	23.474	0.432	0.051			

<sup>1</sup> adjusted for variables with a *p* < 0.05 in the univariate analysis.

**Table S2:** Linear regression analysis of factors associated with subfoveal choroidal thickness for group 2.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	<i>p</i>	Unstandardized B	Standardized $\beta$	<i>p</i>
Age (years)	-1.041	-0.11	0.644			
Sex, female	11.50	0.068	0.777			
BCVA (logMAR)	-193.73	-0.34	0.142			
SE (D)	37.04	0.514	0.020	3.861	0.054	0.337
IOP (mmHg)	13.75	0.282	0.229			
Lens status, phakic	-6.78	-0.041	0.865			
Axial length (mm)	-62.74	-0.449	0.047	-33.940	-0.243	0.001
Fasting blood sugar (mmol/l)	-44.05	-0.529	0.016	-51.485	-0.618	0.001
HbA1c (%)	-20.25	-0.684	0.001	3.886	0.131	0.040
Diabetes duration (years)	-0.423	-0.013	0.955			
DM treatment, OADs	-76.42	-0.2	0.398			
HBP, present	-72.86	-0.312	0.180			
SF-RT ( $\mu$ )	3.158	0.613	0.004	3.174	0.616	0.001
LA-1.5 (mm <sup>2</sup> )	285.727	0.939	0.001	68.826	0.226	0.312
LA-3 (mm <sup>2</sup> )	138.304	0.917	0.001	3.519	0.023	0.880
LA-6 (mm <sup>2</sup> )	83.756	0.853	0.001	-74.974	-0.764	0.361

SA-1.5 (mm <sup>2</sup> )	613.289	0.926	0.001	144.120	0.218	0.090
SA-3 (mm <sup>2</sup> )	-3.766	-0.087	0.715			
SA-6 (mm <sup>2</sup> )	142.145	0.724	0.001	102.875	0.524	0.528
LA/SA-1.5 (mm <sup>2</sup> )	139.899	0.301	0.198			
LA/SA-3 (mm <sup>2</sup> )	34.817	0.245	0.297			
LA/SA-6 (mm <sup>2</sup> )	307.963	0.546	0.013	-116.156	-0.206	0.603
CVI-1.5 (mm <sup>2</sup> )	12.394	0.307	0.189			
CVI-3 (mm <sup>2</sup> )	6.042	0.186	0.433			
CVI-6 (mm <sup>2</sup> )	25.338	0.522	0.018	1824.955	0.376	0.396

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.

**Table S3:** Linear regression analysis of factors associated with subfoveal choroidal thickness for group 3.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	$p$	Unstandardized B	Standardized $\beta$	$p$
Age (years)	-0.626	-0.043	0.850			
Sex, female	19.504	0.115	0.610			
BCVA (logMAR)	-193.738	-0.340	0.142			
SE (D)	8.212	0.148	0.510			
IOP (mmHg)	6.013	0.158	0.484			
Lens status, phakic	-35.600	-0.123	0.586			
Axial length (mm)	-6.698	-0.057	0.800			
Fasting blood sugar (mmol/l)	-0.640	-0.030	0.894			
HbA1c (%)	6.788	0.142	0.528			
Diabetes duration (years)	-1.799	-0.145	0.521			
DM treatment, OADs	-5.692	-0.034	0.882			
HBP, present	-61.556	-0.285	0.198			
SF-RT ( $\mu$ )	0.069	0.023	0.919			
LA-1.5 (mm <sup>2</sup> )	183.715	0.673	0.000	-1572.942	-5.765	0.525
LA-3 (mm <sup>2</sup> )	96.075	0.677	0.001	1854.476	13.069	0.393
LA-6 (mm <sup>2</sup> )	49.173	0.656	0.001	-213.472	-2.850	0.777
SA-1.5 (mm <sup>2</sup> )	386.876	0.652	0.001	2806.650	4.732	0.524
SA-3 (mm <sup>2</sup> )	223.001	0.665	0.001	-2953.182	-8.811	0.452
SA-6 (mm <sup>2</sup> )	97.209	0.611	0.002	265.000	1.667	0.841
LA/SA-1.5 (mm <sup>2</sup> )	161.236	0.432	0.044	-1785.517	-4.789	0.528
LA/SA-3 (mm <sup>2</sup> )	189.933	0.506	0.016	-2807.192	-7.485	0.649
LA/SA-6 (mm <sup>2</sup> )	199.137	0.469	0.028	2571.611	6.061	0.361
CVI-1.5 (mm <sup>2</sup> )	13.311	0.465	0.029	173.825	6.078	0.380
CVI-3 (mm <sup>2</sup> )	15.360	0.531	0.011	131.575	4.550	0.713
CVI-6 (mm <sup>2</sup> )	15.540	0.478	0.024	-193.022	-5.942	0.239

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.

**Table S4:** Linear regression analysis of factors associated with CVI-1.5 for group 1.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	$p$	Unstandardized B	Standardized $\beta$	$p$
Age (years)	-0.078	-0.318	0.159			
Sex, female	0.291	0.062	0.789			
BCVA (logMAR)	0.786	0.077	0.740			
SE (D)	-0.119	-0.075	0.745			
IOP (mmHg)	-0.064	-0.091	0.693			

Lens status, phakic	0.668	0.144	0.534
Axial length (mm)	0.406	0.127	0.583
Fasting blood sugar (mmol/l)	-0.223	-0.051	0.827
HbA1c (%)	-0.277	-0.053	0.818
HBP, present	1.359	0.230	0.316
SF-RT ( $\mu$ )	0.015	0.142	0.539
SF-CT ( $\mu$ )	0.007	0.316	0.162
SA-1.5 (mm <sup>2</sup> )	3.365	0.244	0.286
SA-3 (mm <sup>2</sup> )	1.455	0.208	0.366
SA-6 (mm <sup>2</sup> )	1.021	0.292	0.199

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.

**Table S5:** Linear regression analysis of factors associated with CVI-1.5 for group 2.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	$p$	Unstandardized B	Standardized $\beta$	$p$
Age (years)	-0.017	-0.073	0.759			
Sex, female	-1.001	-0.238	0.312			
BCVA (logMAR)	8.800	0.625	0.003	0.000	0.000	0.999
SE (D)	-0.664	-0.372	0.106			
IOP (mmHg)	-0.545	-0.451	0.046	-0.010	-0.008	0.640
Lens status, phakic	-0.345	-0.083	0.727			
Axial length (mm)	-0.600	-0.174	0.464			
Fasting blood sugar (mmol/l)	-0.867	-0.421	0.065			
HbA1c (%)	0.035	0.048	0.841			
Diabetes duration (years)	-0.036	-0.046	0.848			
DM treatment, OADs	-0.238	-0.025	0.916			
HBP, present	-2.045	-0.355	0.125			
SF-RT ( $\mu$ )	-0.008	-0.061	0.799			
SF-CT ( $\mu$ )	0.008	0.307	0.189			
SA-1.5 (mm <sup>2</sup> )	2.665	0.163	0.493			
SA-3 (mm <sup>2</sup> )	-0.389	-0.363	0.115			
SA-6 (mm <sup>2</sup> )	2.117	0.436	0.055			

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.

**Table S6:** Linear regression analysis of factors associated with CVI-1.5 for group 3.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	<i>p</i>	Unstandardized B	Standardized $\beta$	<i>p</i>
Age (years)	−0.026	−0.052	0.820			
Sex, female	−0.023	−0.004	0.986			
BCVA (logMAR)	−2.556	−0.189	0.398			
SE (D)	−0.492	−0.254	0.254			
IOP (mmHg)	−0.394	−0.295	0.182			
Lens status, phakic	−3.611	−0.357	0.103			
Axial length (mm)	0.464	0.113	0.615			
Fasting blood sugar (mmol/l)	−0.085	−0.115	0.611			
HbA1c (%)	−0.003	−0.002	0.994			
Diabetes duration (years)	−0.092	−0.211	0.346			
DM treatment, OADs	0.596	0.101	0.656			
HBP, present	−2.345	−0.311	0.159			
SF-RT ( $\mu$ )	0.036	0.351	0.109			
SF-CT ( $\mu$ )	0.016	0.465	0.029	0.002	0.052	0.074
SA-1.5 (mm <sup>2</sup> )	8.829	0.426	0.048	1.656	0.080	0.372
SA-3 (mm <sup>2</sup> )	5.941	0.507	0.016	−0.904	−0.077	0.376
SA-6 (mm <sup>2</sup> )	2.276	0.409	0.058			

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.

**Table S7:** Linear regression analysis of factors associated with CVI-3 for group 1.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	<i>p</i>	Unstandardized B	Standardized $\beta$	<i>p</i>
Age (years)	−0.105	−0.361	0.118			
Sex, female	0.753	0.136	0.557			
BCVA (logMAR)	1.288	0.107	0.645			
SE (D)	−0.164	−0.088	0.706			
IOP (mmHg)	−0.128	−0.155	0.502			
Lens status, phakic	1.340	0.244	0.287			
Axial length (mm)	0.168	0.044	0.848			
Fasting blood sugar (mmol/l)	−0.158	−0.030	0.896			
HbA1c (%)	−0.262	−0.043	0.854			
HBP, present	1.703	0.243	0.288			
SF-RT ( $\mu$ )	0.005	0.039	0.866			
SF-CT ( $\mu$ )	0.005	0.199	0.388			
SA-1.5 (mm <sup>2</sup> )	0.1946	0.119	0.606			
SA-3 (mm <sup>2</sup> )	0.496	0.060	0.797			
SA-6 (mm <sup>2</sup> )	0.797	0.192	0.404			

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.

**Table S8:** Linear regression analysis of factors associated with CVI-3 for group 2.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized	Standardized	<i>p</i>	Unstandardized	Standardized	<i>p</i>
	B	$\beta$		B	$\beta$	
Age (years)	-0.085	-0.293	0.198			
Sex, female	0.265	0.512	0.832			
BCVA (logMAR)	6.442	0.368	0.111			
SE (D)	-0.163	-0.074	0.758			
IOP (mmHg)	-0.799	-0.532	0.016			
Lens status, phakic	0.772	0.150	0.528			
Axial length (mm)	-1.427	-0.332	0.152			
Fasting blood sugar (mmol/l)	-0.116	-0.045	0.850			
HbA1c (%)	0.297	0.326	0.161			
Diabetes duration (years)	-0.036	-0.046	0.848			
DM treatment, OADs	0.148	0.150	0.528			
HBP, present	-0.629	-0.088	0.713			
SF-RT ( $\mu$ )	0.009	0.056	0.815			
SF-CT ( $\mu$ )	0.006	0.186	0.433			
SA-1.5 (mm <sup>2</sup> )	0.200	0.010	0.967			
SA-3 (mm <sup>2</sup> )	-0.025	-0.019	0.937			
SA-6 (mm <sup>2</sup> )	-0.439	-0.073	0.761			

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.**Table S9:** Linear regression analysis of factors associated with CVI-3 for group 3.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized	Standardized	<i>p</i>	Unstandardized	Standardized	<i>p</i>
	B	$\beta$		B	$\beta$	
Age (years)	0.012	0.023	0.919			
Sex, female	0.040	0.007	0.976			
BCVA (logMAR)	-1.541	-0.116	0.609			
SE (D)	-0.174	-0.091	0.687			
IOP (mmHg)	-0.340	-0.258	0.247			
Lens status, phakic	-3.252	-0.325	0.140			
Axial length (mm)	0.749	0.185	0.410			
Fasting blood sugar (mmol/l)	-0.051	-0.070	0.756			
HbA1c (%)	0.051	0.031	0.891			
Diabetes duration (years)	-0.092	-0.211	0.346			
DM treatment, OADs	-0.087	-0.203	0.364			
HBP, present	-2.002	-0.268	0.227			
SF-RT ( $\mu$ )	0.026	0.256	0.251			
SF-CT ( $\mu$ )	0.018	0.531	0.011	0.001	0.028	0.256
SA-1.5 (mm <sup>2</sup> )	11.636	0.567	0.006	0.305	0.015	0.848
SA-3 (mm <sup>2</sup> )	7.010	0.605	0.003	0.235	0.020	0.857
SA-6 (mm <sup>2</sup> )	2.779	0.505	0.016	-0.116	-0.021	0.780

<sup>1</sup> adjusted for variables with a  $p < 0.05$  in the univariate analysis.

**Table S10:** Linear regression analysis of factors associated with CVI-6 for group 1.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	<i>p</i>	Unstandardized B	Standardized $\beta$	<i>p</i>
Age (years)	−0.062	−0.287	0.207			
Sex, female	−0.022	−0.005	0.982			
BCVA (logMAR)	−0.421	−0.047	0.839			
SE (D)	−0.153	−0.110	0.634			
IOP (mmHg)	−0.059	−0.097	0.675			
Lens status, phakic	0.867	0.213	0.354			
Axial length (mm)	0.534	0.191	0.407			
Fasting blood sugar (mmol/l)	−0.392	−0.102	0.660			
HbA1c (%)	−0.234	−0.052	0.824			
HBP, present	1.121	0.217	0.345			
SF-RT ( $\mu$ )	0.002	0.024	0.971			
SF-CT ( $\mu$ )	0.008	0.432	0.051			
SA-1.5 (mm <sup>2</sup> )	4.243	0.352	0.118			
SA-3 (mm <sup>2</sup> )	1.899	0.310	0.171			
SA-6 (mm <sup>2</sup> )	1.168	0.381	0.088			

<sup>1</sup> adjusted for variables with a *p* < 0.05 in the univariate analysis.**Table S11:** Linear regression analysis of factors associated with CVI-6 for group 2.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized B	Standardized $\beta$	<i>p</i>	Unstandardized B	Standardized $\beta$	<i>p</i>
Age (years)	−0.079	−0.408	0.074			
Sex, female	0.314	0.090	0.707			
BCVA (logMAR)	−1.118	−0.095	0.689			
SE (D)	0.658	0.443	0.050			
IOP (mmHg)	−0.086	−0.086	0.720			
Lens status, phakic	1.065	0.309	0.185			
Axial length (mm)	−0.861	−0.299	0.200			
Fasting blood sugar (mmol/l)	−0.359	−0.209	0.377			
HbA1c (%)	−0.118	−0.193	0.415			
Diabetes duration (years)	−0.043	−0.065	0.784			
DM treatment, OADs	−0.298	−0.038	0.874			
HBP, present	0.451	0.094	0.694			
SF-RT ( $\mu$ )	0.040	0.377	0.102			
SF-CT ( $\mu$ )	0.011	0.522	0.018			
SA-1.5 (mm <sup>2</sup> )	5.005	0.367	0.112			
SA-3 (mm <sup>2</sup> )	−0.003	−0.003	0.991			
SA-6 (mm <sup>2</sup> )	0.046	0.011	0.962			

<sup>1</sup> adjusted for variables with a *p* < 0.05 in the univariate analysis.

**Table S12:** Linear regression analysis of factors associated with CVI-6 for group 3.

Variables	Univariable			Multivariable <sup>1</sup>		
	Unstandardized	Standardized	<i>p</i>	Unstandardized	Standardized	<i>p</i>
	B	$\beta$		B	$\beta$	
Age (years)	0.013	0.028	0.900			
Sex, female	−0.518	−0.099	0.660			
BCVA (logMAR)	−0.501	−0.042	0.852			
SE (D)	−0.024	−0.014	0.951			
IOP (mmHg)	−0.231	−0.196	0.381			
Lens status, phakic	−2.752	−0.309	0.162			
Axial length (mm)	0.875	0.243	0.276			
Fasting blood sugar (mmol/l)	−0.001	−0.002	0.994			
HbA1c (%)	0.051	0.034	0.879			
Diabetes duration (years)	−0.085	−0.221	0.323			
DM treatment, OADs	0.715	0.137	0.542			
HBP, present	−1.873	−0.282	0.204			
SF-RT ( $\mu$ )	0.015	0.167	0.458			
SF-CT ( $\mu$ )	0.015	0.478	0.024	0.00002629	0.001	0.970
SA-1.5 (mm <sup>2</sup> )	9.547	0.523	0.013	0.626	0.034	0.643
SA-3 (mm <sup>2</sup> )	5.748	0.557	0.007	0.556	0.054	0.615
SA-6 (mm <sup>2</sup> )	2.073	0.424	0.049	−0.295	−0.060	0.406

<sup>1</sup> adjusted for variables with a *p* < 0.05 in the univariate analysis.