

Supplemental Table 1. Multivariable logistic regression of nailfold capillary blood speed, diameter, and flow in relation to high tension glaucoma (HTG; n=30) or normal tension glaucoma (NTG; n=26) vs. controls (n=57)

Exposure (covariates indented)	HTG vs. Controls		NTG vs. Controls	
	Odds ratio (95% confidence interval)	P value	Odds ratio (95% confidence interval)	P value
Mean speed in microns per second	0.991 (0.986, 0.995)	<0.0001	0.995 (0.991, 0.998)	0.0025
Body mass index in kg/m ²	0.97 (0.81, 1.14)	0.74	1.00 (0.87, 1.15)	0.98
Mean arterial pressure in mmHg	0.97 (0.91, 1.03)	0.37	0.98 (0.93, 1.03)	0.43
Pulse in beats per minute	1.06 (1.00, 1.13)	0.047	1.03 (0.97, 1.10)	0.37
Female sex	0.12 (0.019, 0.54)	0.011	2.05 (0.45, 10.7)	0.37
Age in years	0.98 (0.91, 1.07)	0.70	0.98 (0.92, 1.05)	0.61
Caucasian race	2.01 (0.095, 37.6)	0.63	2.47 (0.43, 16.4)	0.32
Connective tissue disease	1.23 (0.24, 6.21)	0.80	0.79 (0.14, 3.86)	0.77
Diabetes mellitus	0.11 (0.0030, 1.53)	0.15	0.32 (0.021, 3.05)	0.36
Use of blood thinning medication	0.88 (0.21, 3.75)	0.86	0.50 (0.088, 2.66)	0.41
Use of blood pressure medication	0.80 (0.15, 4.39)	0.79	1.08 (0.16, 7.49)	0.93
Ever smoker (vs. never)	0.50 (0.11, 2.10)	0.36	2.37 (0.62, 9.80)	0.21
Mean diameter in microns	0.79 (0.54, 1.12)	0.19	0.59 (0.35, 0.92)	0.029
Body mass index in kg/m ²	0.91 (0.79, 1.03)	0.17	0.92 (0.80, 1.03)	0.18
Mean arterial pressure in mmHg	1.01 (0.97, 1.06)	0.58	0.98 (0.93, 1.03)	0.37
Pulse in beats per minute	1.04 (0.99, 1.09)	0.12	1.01 (0.96, 1.07)	0.70
Female sex	0.38 (0.12, 1.13)	0.088	1.80 (0.42, 8.78)	0.44
Age in years	0.98 (0.92, 1.05)	0.55	0.95 (0.89, 1.02)	0.18
Caucasian race	1.78 (0.17, 16.7)	0.61	5.48 (0.93, 39.1)	0.068
Connective tissue disease	1.00 (0.26, 3.64)	>0.99	0.85 (0.16, 3.99)	0.84
Diabetes mellitus	0.20 (0.0079, 1.87)	0.22	0.35 (0.028, 2.84)	0.36
Use of blood thinning medication	0.76 (0.22, 2.53)	0.66	0.58 (0.12, 2.74)	0.50
Use of blood pressure medication	0.83 (0.22, 2.99)	0.77	2.79 (0.48, 18.3)	0.26
Ever smoker (vs. never)	1.18 (0.38, 3.65)	0.77	2.91 (0.81, 11.6)	0.11
Mean flow in picoliters per second	0.93 (0.89, 0.96)	0.00010	0.93 (0.89, 0.97)	0.00072
Body mass index in kg/m ²	0.96 (0.81, 1.12)	0.65	1.00 (0.86, 1.15)	0.98
Mean arterial pressure in mmHg	0.99 (0.93, 1.04)	0.65	0.97 (0.92, 1.03)	0.34
Pulse in beats per minute	1.06 (1.00, 1.13)	0.043	1.04 (0.98, 1.12)	0.22
Female sex	0.15 (0.029, 0.58)	0.011	1.37 (0.26, 7.72)	0.71
Age in years	0.97 (0.91, 1.04)	0.42	0.97 (0.90, 1.04)	0.36
Caucasian race	1.84 (0.11, 24.7)	0.65	3.46 (0.54, 27.9)	0.21
Connective tissue disease	1.19 (0.26, 5.32)	0.82	0.69 (0.11, 3.78)	0.67
Diabetes mellitus	0.11 (0.0028, 1.47)	0.14	0.13 (0.0058, 1.80)	0.17
Use of blood thinning medication	0.71 (0.17, 2.87)	0.63	0.36 (0.054, 2.07)	0.26
Use of blood pressure medication	1.00 (0.21, 4.94)	>0.99	1.88 (0.27, 14.0)	0.52
Ever smoker (vs. never)	0.97 (0.24, 3.73)	0.96	3.07 (0.75, 14.6)	0.13