

Supplement 1. Demographics of the study population for the sub-group analysis of intraocular pressure

Variable	Normal (n=8,265)	Glaucoma (n=362)	Total (n=8,627)	P-value
Male sex	3,500 (42.35)	199 (54.97)	3,699 (42.88)	0.000**
Age (y)	56.32±10.40	60.36±10.97	56.49±10.45	0.000**
Body mass index (kg/m ²)	24.23±3.41	24.31±3.4	24.24±3.41	0.670
Current smoking	1,327 (16.06)	75 (20.72)	1,402 (16.25)	0.019*
STOP-Bang total score	2.13±1.37	2.56±1.33	2.15±1.37	0.000**
Average intraocular pressure	14.65±2.30	15.07±2.46	14.67±2.30	0.001**
Hypertension status				0.000**
Normal	3,129 (37.86)	99 (27.35)	3,228 (37.42)	
Prehypertension	2,179 (26.36)	79 (21.82)	2,258 (26.17)	
Hypertension	2,957 (35.78)	184 (50.83)	3,141 (36.41)	
Systolic blood pressure	120.76±16.00	124.25±17.87	120.90±16.10	0.000**
Diastolic blood pressure	76.57±9.66	76.59±10.62	76.57±9.71	0.981
Diabetes status				0.000**
Normal	2,828 (34.22)	118 (32.60)	2,946 (34.15)	
Prediabetes	3,997 (48.36)	149 (41.16)	4,146 (48.06)	
Diabetes	1,440 (17.42)	95 (26.24)	1,535 (17.79)	
Fasting glucose	103.73±23.27	107.06±28.16	103.87±23.50	0.008**
Hemoglobin A1c	5.90±0.85	6.07±1.08	5.91±0.86	0.000**
Hypercholesterolemia status				0.024*
Hypercholesterolemia	2,637 (31.91)	136 (37.57)	2,773 (32.14)	
Total cholesterol	195.05±39.50	190.78±44.02	194.87±39.70	0.045*
Triglyceride	136.21±107.66	147.35±116.04	136.67±108.04	0.055
Low-density lipoprotein cholesterol	115.62±36.55	112.88±41.71	115.49±36.79	0.580

Values are presented as number (%) for categorical variables or mean±standard deviation for continuous variables. For the analysis of intraocular pressure, it is further excluded 114 individuals who used eyedrops for glaucoma treatment. P-values were calculated by t-test for continuous variables and chi-square test for binary/categorical variables.

*P<0.05. **P<0.01.