

Supplementary Table S3 Odds ratios of glaucoma in BP-related measurements (in both continuous and quartiles) stratified by antihypertensive medication status

Predictor	Without antihypertensive medication (n= 76,306)		With antihypertensive medication (n= 10,535)		
	OR (95%CI)	p-value	OR (95%CI)	p-value	
Continuous BP measurements					
BP per 10 mmHg	SBP	1.03 (1.00-1.06)	0.031	1.00 (0.96-1.04)	0.906
	DBP	1.02 (0.98-1.06)	0.360	0.95 (0.88-1.02)	0.155
	MAP	1.04 (1.00-1.08)	0.069	0.98 (0.92-1.04)	0.495
	PP	1.04 (1.00-1.07)	0.033	1.03 (0.98-1.09)	0.227
Quartiles of BP (in mmHg)					
SBP	≤115	Reference		Reference	
	116-124	0.96 (0.86-1.07)	0.417	1.31 (1.00-1.70)	0.045
	125-135	1.00 (0.89-1.11)	0.952	1.16 (0.90-1.49)	0.250
	≥136	1.08 (0.96-1.21)	0.193	1.13 (0.89-1.43)	0.307
DBP	≤67	Reference		Reference	
	68-73	1.03 (0.93-1.14)	0.610	0.97 (0.79-1.20)	0.810
	74-80	0.96 (0.86-1.07)	0.420	0.81 (0.66-1.01)	0.058
	≥81	0.87 (0.71-1.07)	0.186	1.06 (0.94-1.19)	0.337
MAP	≤87	Reference		Reference	
	88-92	0.99 (0.89-1.10)	0.865	1.23 (0.97-1.56)	0.094
	93-99	0.96 (0.86-1.08)	0.509	1.12 (0.89-1.41)	0.347
	≥100	1.06 (0.94-1.18)	0.347	0.97 (0.78-1.20)	0.764
PP	≤44	Reference		Reference	
	45-50	0.97 (0.87-1.08)	0.561	1.10 (0.86-1.41)	0.435
	51-58	1.00 (0.90-1.11)	0.984	0.96 (0.76-1.22)	0.756
	≥59	1.10 (0.99-1.23)	0.083	1.12 (0.91-1.39)	0.275

OR: odds ratio; 95%CI: 95% confidence interval; BP: blood pressure; SBP: systolic blood pressure; DBP: diastolic blood pressure; MAP: mean arterial pressure; PP: pulse pressure. Generalized linear mixed model (GLMM), adjusted for age, age², sex, and body mass index (BMI).