

Supplemental Table 3. Relative contribution of various predictor variables in the multivariable logistic regression model predicting need for surgical intervention within 6 months among patients with primary open-angle glaucoma in *All of Us*.

Variable	Adjusted Odds Ratio (95% Confidence Interval)	P-Value
Days of contact with the healthcare system	0.99 (0.98, 0.99)	0.001
Mean heart rate	1.05 (1.02, 1.08)	0.001
White race	2.44 (1.30, 4.57)	0.005
Diabetes mellitus	0.48 (0.29, 0.80)	0.005
Black race	2.21 (1.19, 4.12)	0.01
Ophthalmic medication	1.63 (1.08, 2.47)	0.02
Minimum systolic blood pressure	0.99 (0.98, 1.00)	0.10
Minimum heart rate	0.98 (0.97, 1.00)	0.11
HIV	0.17 (0.02, 1.55)	0.12
Anticonvulsant medication	1.58 (0.89, 2.78)	0.12
Macrolide antibiotics	2.07 (0.81, 5.33)	0.13
Laxative medication	0.66 (0.37, 1.18)	0.16
Antidiabetic medication	1.61 (0.82, 3.17)	0.17
Height	0.99 (0.97, 1.01)	0.18
Maximum diastolic blood pressure	0.99 (0.99, 1.00)	0.19
Maximum heart rate	1.00 (0.99, 1.01)	0.19
Mean diastolic blood pressure	0.98 (0.94, 1.01)	0.22
Liver disease	0.71 (0.40, 1.26)	0.24
Asian race	1.98 (0.57, 6.87)	0.28
Beta blocker medication	1.34 (0.78, 2.31)	0.29
Renal disease	0.78 (0.49, 1.26)	0.31
Mean systolic blood pressure	1.01 (0.99, 1.03)	0.35
Antihyperlipidemic medication	0.80 (0.49, 1.30)	0.36
Antidepressant medication	1.25 (0.74, 2.12)	0.41
Age	1.01 (0.99, 1.02)	0.44
Paralytic disease	1.38 (0.59, 3.25)	0.46
Mean hip circumference	1.01 (0.98, 1.04)	0.49
Dementia	0.49 (0.13, 2.80)	0.51
Cough/cold medication	1.23 (0.65, 2.32)	0.52
Calcium channel blockers	0.85 (0.49, 1.49)	0.57
Anti-asthmatic medication	0.86 (0.47, 1.57)	0.62
Anticoagulant medication	0.83 (0.39, 1.74)	0.62
Congestive heart failure	1.19 (0.60, 2.34)	0.62
Pulmonary disease	1.11 (0.70, 1.76)	0.65
Peptic ulcer disease	0.76 (0.22, 2.57)	0.66
Mean body mass index	0.99 (0.92, 1.05)	0.68
Opioid medications	0.89 (0.51, 1.55)	0.68
Maximum systolic blood pressure	0.99 (0.99, 1.01)	0.68
Antirheumatic medication	0.90 (0.55, 1.49)	0.69
Cancer	0.84 (0.34, 2.06)	0.70
Myocardial infarction	0.86 (0.37, 1.98)	0.72
Vitamins	0.90 (0.51, 1.60)	0.72
Peripheral vascular disease	1.11 (0.55, 2.21)	0.78
Mean waist circumference	1.00 (0.97, 1.02)	0.81
Minimum diastolic blood pressure	1.00 (0.98, 1.02)	0.81
Antihypertensive medication	1.05 (0.62, 1.79)	0.85
Dermatological medication	1.04 (0.65, 1.68)	0.86
Mean weight	1.00 (0.98, 1.03)	0.91
Non-opioid analgesic medication	0.99 (0.58, 1.69)	0.98