

Supplementary Table 4. Sensitivity analysis A: Factors associated with diagnostic conversion to primary angle closure glaucoma (PACG) with non-converters censored at 6 years.

	Univariable Analysis		Multivariable Analysis	
	HR (CI)	P-value	HR (CI)	P-value
Age				
<40	1.17 (0.65-2.12)	0.603	1.30 (0.60-2.81)	0.505
40-49	REF		REF	
50-59	0.85 (0.60-1.21)	0.375	0.95 (0.64-1.42)	0.821
60-69	0.98 (0.70-1.36)	0.898	1.47 (1.00-2.17)	0.052
70-79	0.87 (0.63-1.21)	0.412	2.11 (1.42-3.15)	0.001
80+	0.66 (0.43-1.02)	0.06	2.10 (1.26-3.51)	0.005
Sex				
Female	REF		REF	
Male	0.99 (0.82-1.20)	0.943	0.93 (0.75-1.15)	0.485
Race/Ethnicity				
White	REF		REF	
Asian	1.38 (0.95-2.01)	0.094	1.18 (0.76-1.81)	0.462
Black	1.15 (0.84-1.58)	0.388	1.00 (0.70-1.43)	0.980
Hispanic	1.18 (0.89-1.56)	0.242	1.01 (0.74-1.38)	0.929
Education				
H.S. degree or less	REF		-	
Some college	1.00 (0.79-1.27)	0.993	-	
College graduate	0.99 (0.74-1.31)	0.924	-	
Income				
<\$40K	REF		REF	
\$40K-49K	1.24 (0.81-1.90)	0.322	1.19 (0.77-1.83)	0.427
\$50K-59K	1.47 (1.01-2.14)	0.042	1.35 (0.92-1.97)	0.125
\$60K-74K	1.13 (0.79-1.62)	0.507	1.10 (0.76-1.59)	0.624
\$75K-99K	1.11 (0.81-1.54)	0.517	1.03 (0.74-1.45)	0.846
\$100K+	1.01 (0.76-1.33)	0.954	0.90 (0.66-1.23)	0.509
Insurance				
HMO	REF		-	
EPO	1.55 (1.02-2.37)	0.041	1.53 (0.92-2.54)	0.103
Other	1.42 (1.15-1.76)	0.001	1.61 (1.24-2.10)	0.001
PPO	0.96 (0.66-1.39)	0.814	0.89 (0.57-1.38)	0.588
Location				
Northeast	REF		REF	
South	1.02 (0.80-1.31)	0.859	0.91 (0.69-1.21)	0.532
Midwest	0.96 (0.72-1.28)	0.789	0.82 (0.60-1.13)	0.235
Mountain	1.30 (0.84-2.01)	0.232	0.98 (0.61-1.59)	0.948
Pacific	0.89 (0.63-1.24)	0.49	0.61 (0.41-0.92)	0.018
LPI				
None	REF		REF	
Early	3.66 (2.97-4.50)	< 0.001	3.99 (3.15-5.06)	0.001
Late	3.73 (2.82-4.94)	< 0.001	3.21 (2.34-4.40)	0.001
Cataract Surgery				
None	REF		REF	
Early	0.23 (0.14-0.36)	< 0.001	0.21 (0.12-0.36)	0.001
Late	0.11 (0.06-0.18)	< 0.001	0.09 (0.05-0.15)	0.001
IOP-lowering Drops				
None	REF		REF	
Early	1.89 (1.52-2.36)	< 0.001	1.74 (1.36-2.23)	0.001
Late	0.64 (0.41-1.00)	0.049	0.49 (0.29-0.81)	0.006

Statistically significant p-values and odds ratios are bolded; OR = odds ratio; CI = confidence interval; HMO = health maintenance organization; EPO = exclusive provider organization; PPO = preferred provider organization.