Table S2. Association analysis results for 127-variant POAG GRS and POAG case-control status in the MVP. We performed logistic regression-based association analyses of the 127-variant GRS and POAG status for Veterans in the MVP. Adjusted models include covariates for age, sex, and 10 principal components. GRS were unweighted or weighted by published cross-ancestry meta-analysis or ancestry-specific effect estimates.

Outcome	Model	GRS Type	African Ancestry				European Ancestry			
			Estimate	Std. Error	z value	*P*	Estimate	Std. Error	z value	*P*
POAG	Unadjusted	Unweighted	0.383	0.025	15.06	2.97×10^{-51}	0.557	0.018	30.625	5.65×10^{-206}
		Cross-ancestry meta-analysis	0.439	0.026	16.687	1.62×10^{-62}	0.614	0.018	34.435	7.62×10^{-260}
		Ancestry-specific	0.275	0.025	11.046	2.28×10^{-28}	0.605	0.018	34.219	1.24×10^{-256}
	Adjusted	Unweighted	0.327	0.027	12.056	1.80×10^{-33}	0.558	0.018	30.642	3.36×10^{-206}
		Cross-ancestry meta-analysis	0.369	0.028	13.373	8.67×10^{-41}	0.615	0.018	34.403	2.28×10^{-259}
		Ancestry-specific	0.240	0.026	9.232	2.67×10^{-20}	0.605	0.018	34.19	3.44×10^{-256}

Abbreviations: POAG = primary open-angle glaucoma, GRS = genetic risk score, MVP = Million Veteran Program.