Table S10. Global genetic ancestry calculated for AFR and EUR POAG cases and controls in the MVP. We determined global genetic ancestry using ADMIXTURE 1.3 with five reference populations from the 1000 Genomes Project: British in England and Scotland [GBR], Yoruba in Ibadan, Nigeria [YRI], Luhya in Webuye, Kenya [LWK], Han Chinese in Bejing, China [CHB], and Peruvian from Lima, Peru [PEL]. GBR served as the reference for non-Finnish European ancestry, while YRI+LWK were used as the reference for African ancestry. Data shown represent the median genetic global ancestry by POAG case-control status in AFR and EUR Veterans in the MVP. P-values were based on Mann-Whitney U tests for equal distributions.

Group (Reference)	Median Global Genetic Ancestry (IQR)			p-value
	Case	Control	Total	
AFR (YRI+LWK)	0.8489 (0.7831-0.9005)	0.8273 (0.7388-0.8906)	0.8348 (0.7522-0.8940)	<0.0001
EUR (GBR)	0.9690 (0.9561-0.9787)	0.9698 (0.9576-0.9793)	0.9698 (0.9575-0.9793)	0.0017

Abbreviations: AFR = African ancestry, EUR = European ancestry, POAG = primary open-angle glaucoma, MVP = Million Veteran Program, IQR = interquartile range, YRI = Yoruba in Ibadan, Nigeria, LWK = Luhya in Webuye, Kenya, GBR = British in England and Scotland.