

Supplementary Table 4. Area under the curve of different prediction models for primary open-angle glaucoma using weighted and unweighted polygenic risk scores

	PRS built using SNPs with $P < 5 \times 10^{-5}$		PRS built using SNPs with $P < 5 \times 10^{-8}$	
	Number of SNPs selected	AUC	Number of SNPs selected	AUC
Weighted PRS	1,691	0.766	332	0.750
Unweighted PRS	1,691	0.764	332	0.749

PRS built using SNPs with $P < 5 \times 10^{-5}$ gives better prediction performance, i.e. higher area under the curve, on primary open-angle glaucoma than PRS built using SNPs with $P < 5 \times 10^{-8}$. AUCs are derived from logistic regression models adjusting for age and sex.

Abbreviations: SNP = single nucleotide polymorphism; IOP = intraocular pressure; PRS = polygenic risk score; AUC = area under the curve.