

**Title:** Supplementary Data 1

**Description: Association of GLIS1 SNPs with POAG in the multiethnic meta-analysis GERA+UKB.**

(located  $\pm 500$  kb upstream and downstream of the GLIS1 gene) with POAG. Abbreviations: CHR, chromosome; BP, base pair position; SNP, single nucleotide polymorphism; A1: effect allele; A2: other allele; N, number of valid studies for this SNP; P, fixed-effects p-value; P.R., random-effects p-value; OR, fixed-effects odds ratio; OR.R., random-effects odds ratio; Q, p-value for Cochrane's Q statistic; I, heterogeneity index (0-100). Most prominent GLIS1 SNP is highlighted.