

Discovery

IV selection for each IGP

31 SNP reported to be associated and replicated with IgG glycotraits

$p \leq 5 \times 10^{-5}$ in 8K

$p \leq 0.05$ in 1K

β sign same in 8K and 1K



Sensitivity

Effect of IGP76 on IBD

Leave-one-out analysis

Concordance with other four MR methods

Exclusion of outliers



Replication

No replication (no available independent IBD GWAS)