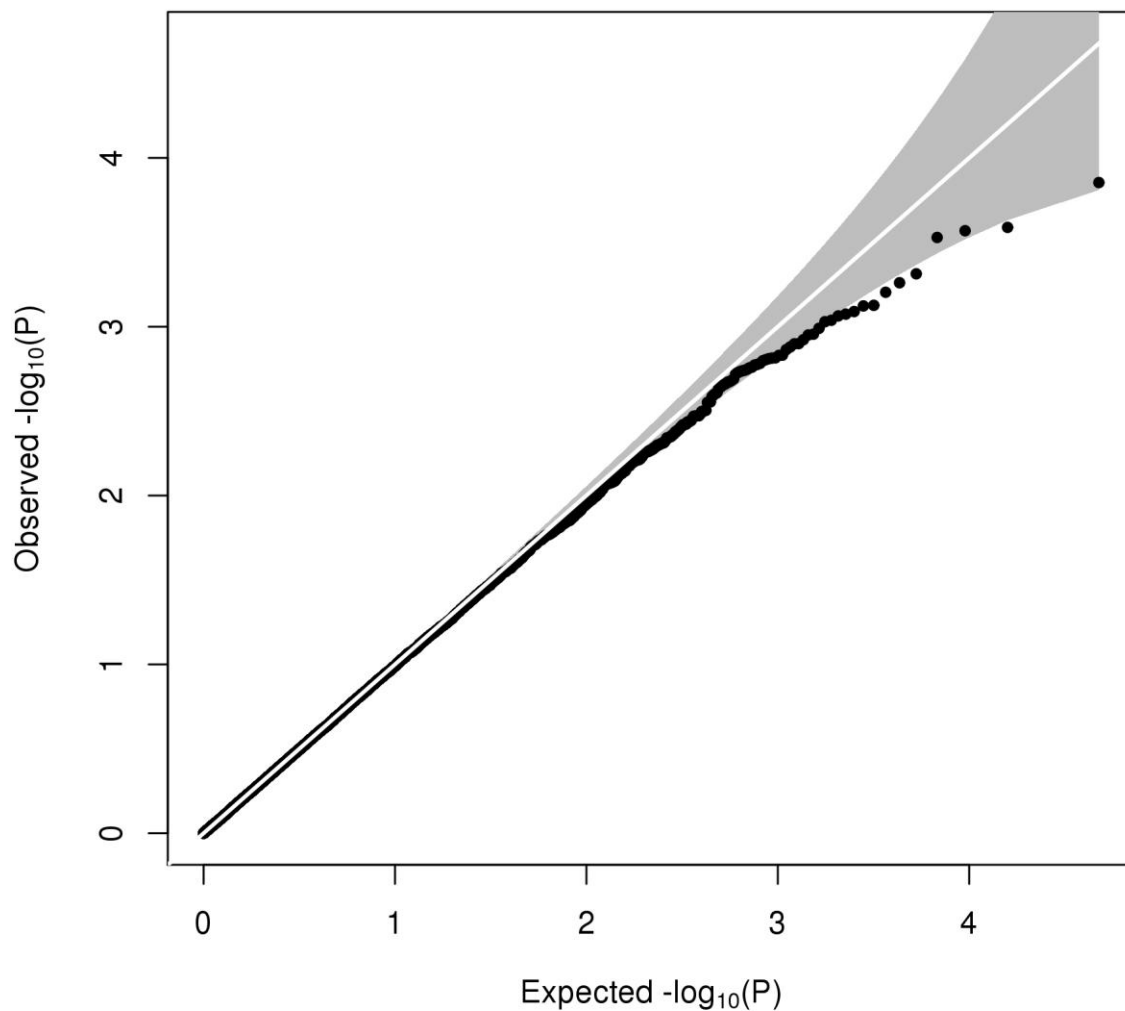
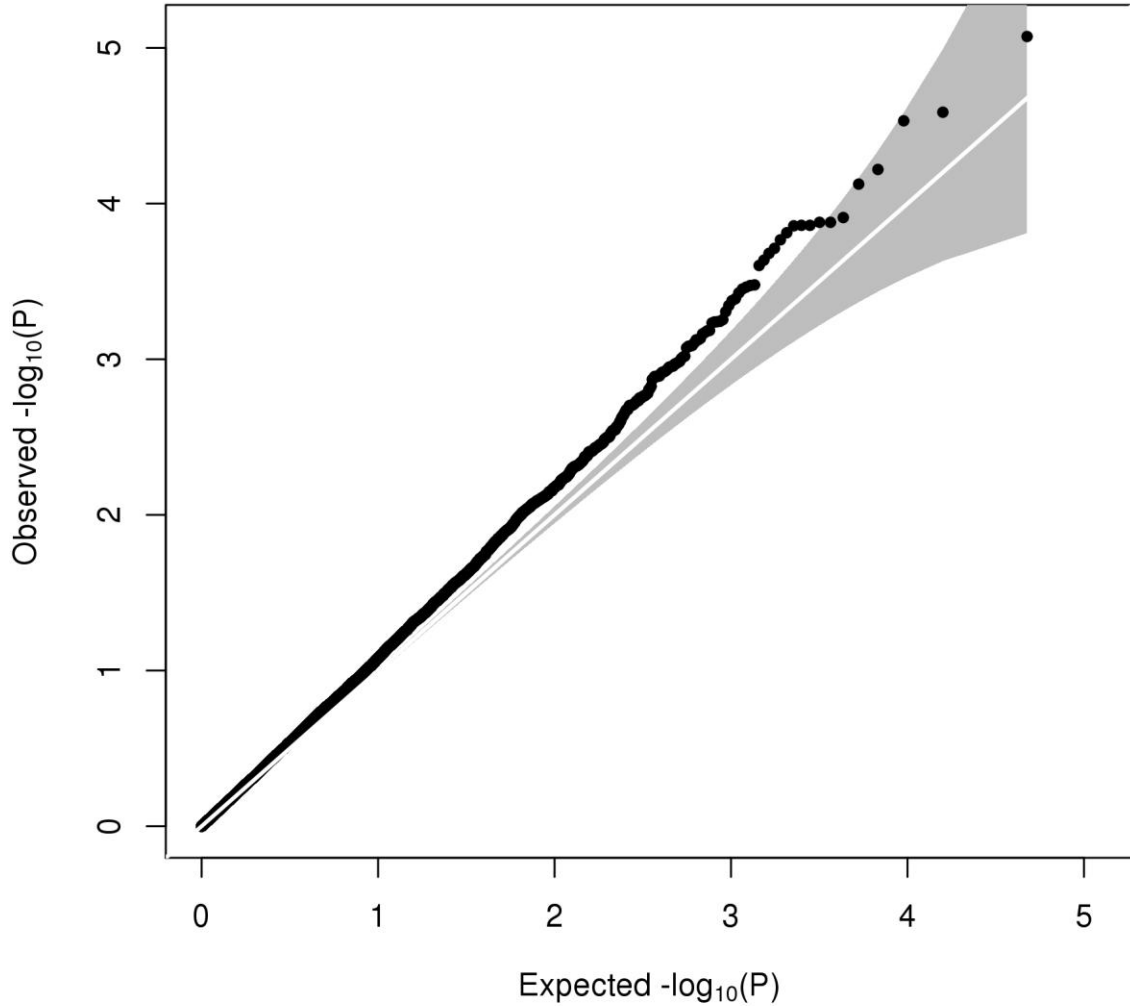


Q-Q plot for heterogeneity p-values (clinic-based MA v MO)



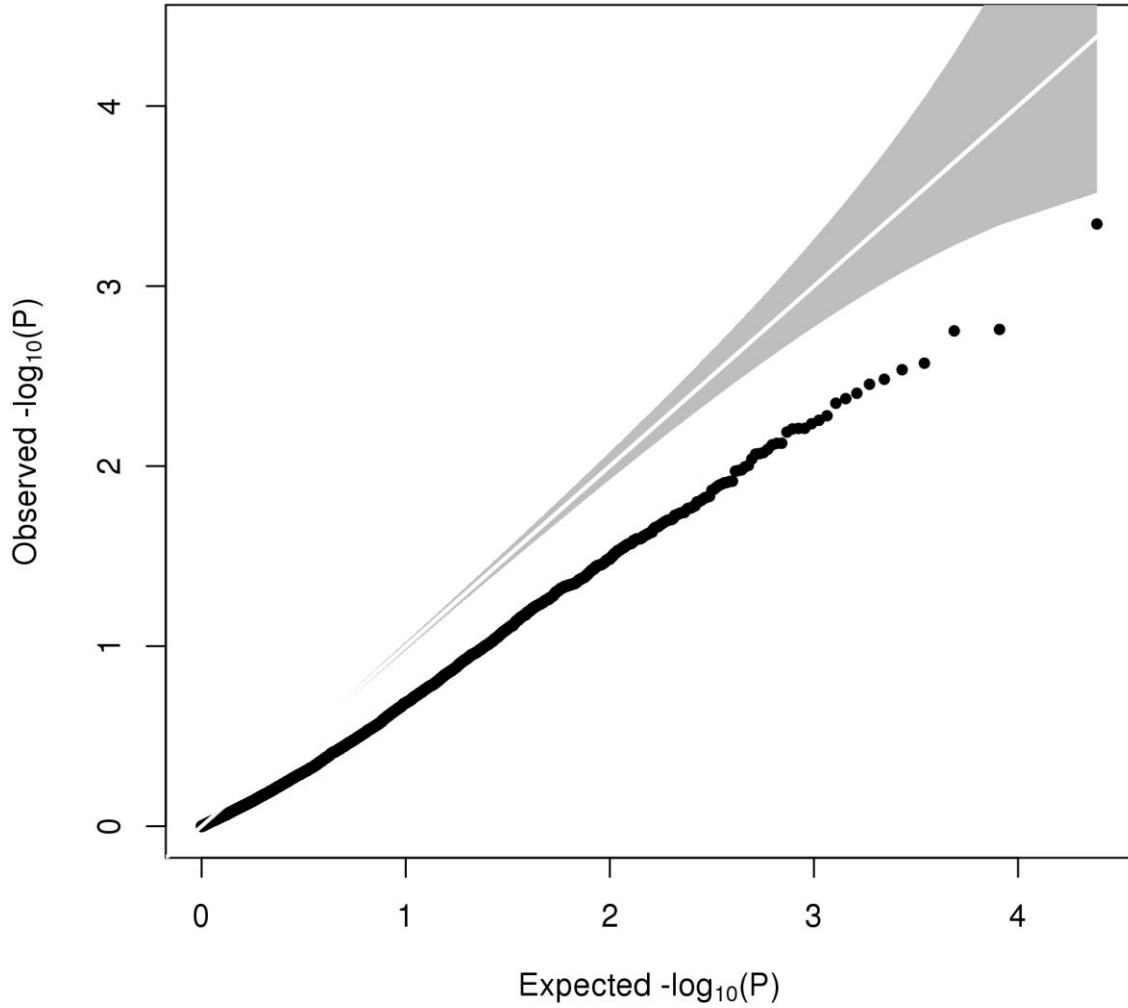
Supplementary Figure 1 Q-Q plot of SNP effect (odds ratio) heterogeneity (Cochran's Q) p-values between the clinic-based MA and clinic-based MO subgroups in the total random set of 23795 independent SNPs.

Q-Q plot for heterogeneity p-values (clinic v population)



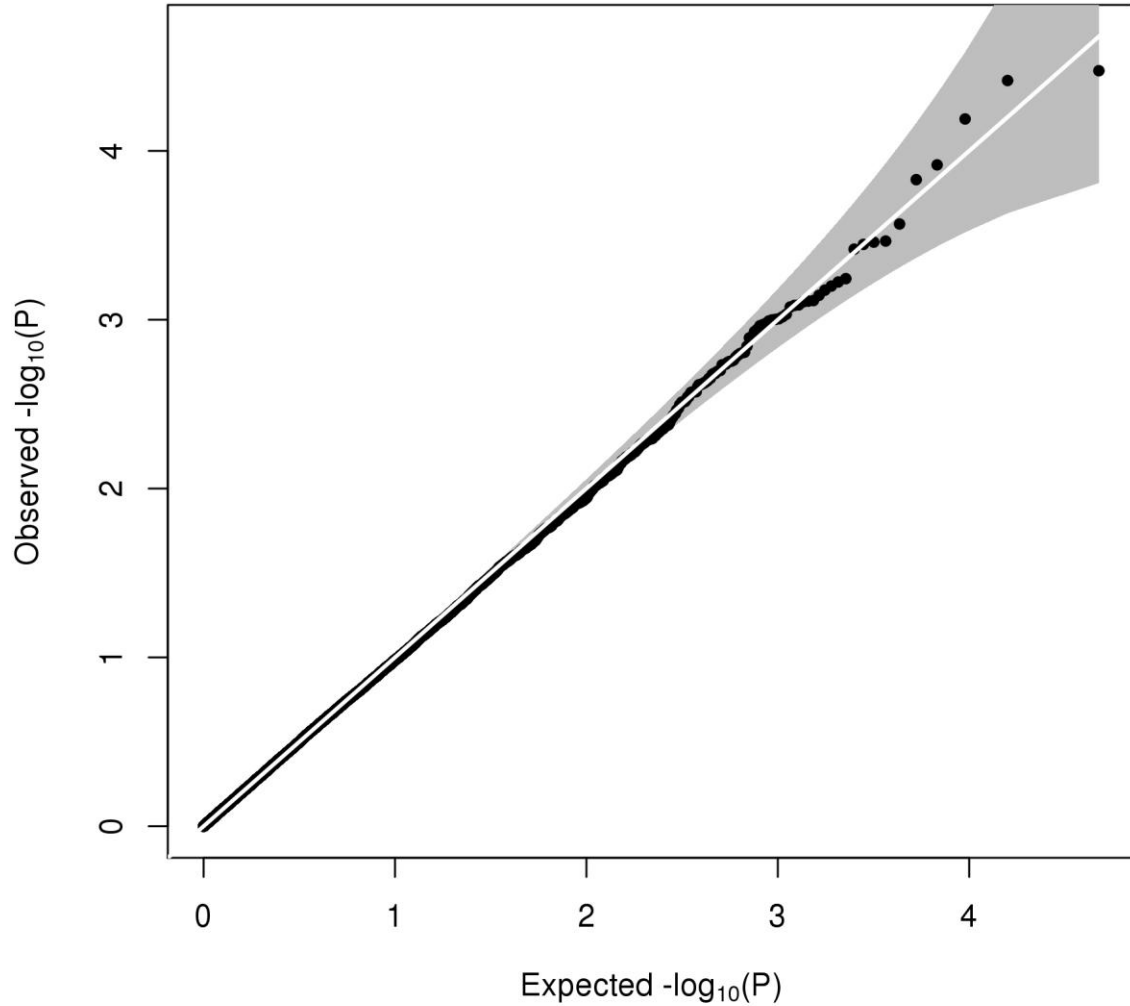
Supplementary Figure 2 Q-Q plot of SNP effect (odds ratio) heterogeneity (Cochran's Q) p-values between the clinic-based and population-based subgroups in the total random set of 23795 independent SNPs.

Q-Q plot for heterogeneity p-values (clinic v population)



Supplementary Figure 3 Q-Q plot of SNP effect (odds ratio) heterogeneity (Cochran's Q) p-values between the clinic-based and population-based subgroups in the random set of 12174 independent SNPs with concordant effects.

Q-Q plot for heterogeneity p-values (females v males)



Supplementary Figure 4 Q-Q plot of SNP effect (odds ratio) heterogeneity (Cochran's Q) p-values between female and male subgroups in the total random set of 23795 independent SNPs.