

Hypergeometric Vs Permutation p-values

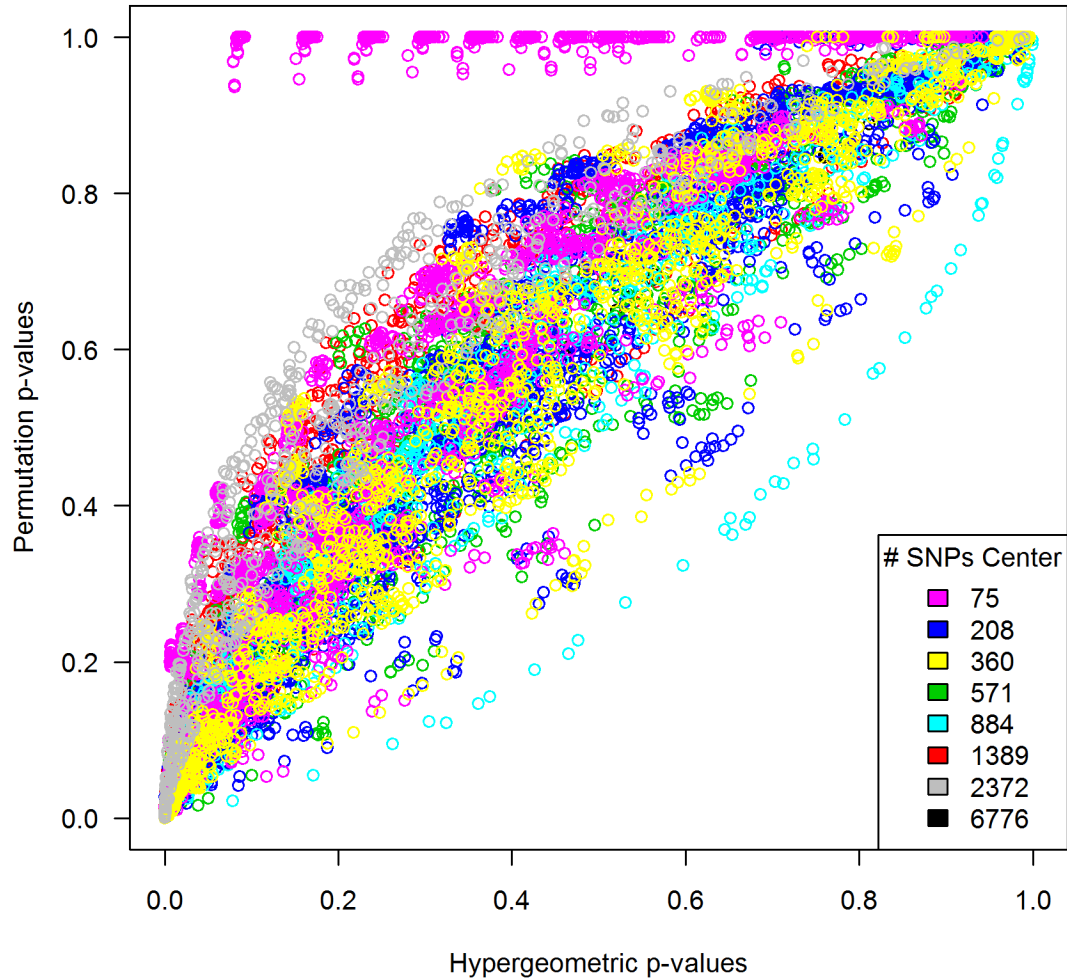


Figure S1 Hypergeometric-theoretical p-values Vs Hypergeometric-empirical p-values at distance 0. Visual representation of the relationship of the hypergeometric-theoretical p-values (x-axis) compared to the hypergeometric-empirical p-values (y-axis). To assess the effect of the size of the pathway, p-values are colored by the total number of SNPs in the pathway. For this representation pathways were clustered using k-means with 8 groups. The legend represents the centers of that size group. The red line represents the trend which would be followed if the hypergeometric-empirical p-values would match perfectly to those of the hypergeometric-theoretical p-values.