



Figure S1: (left) Density of the correlation between SNPs in pairs that are genome-wide significant at FWER 5% in the Wellcome Trust dataset, with all pairs of significant SNPs in light blue and just those SNPs discovered using *jester* in dark blue. (right) Density of the correlation between SNPs in the most significant pair for each gene containing an eQTL pair at FDR 5% in the gEUVADIS dataset, with all pairs from genes with significant eQTLs in light blue and just those eQTL's discovered using *jester* in dark blue.