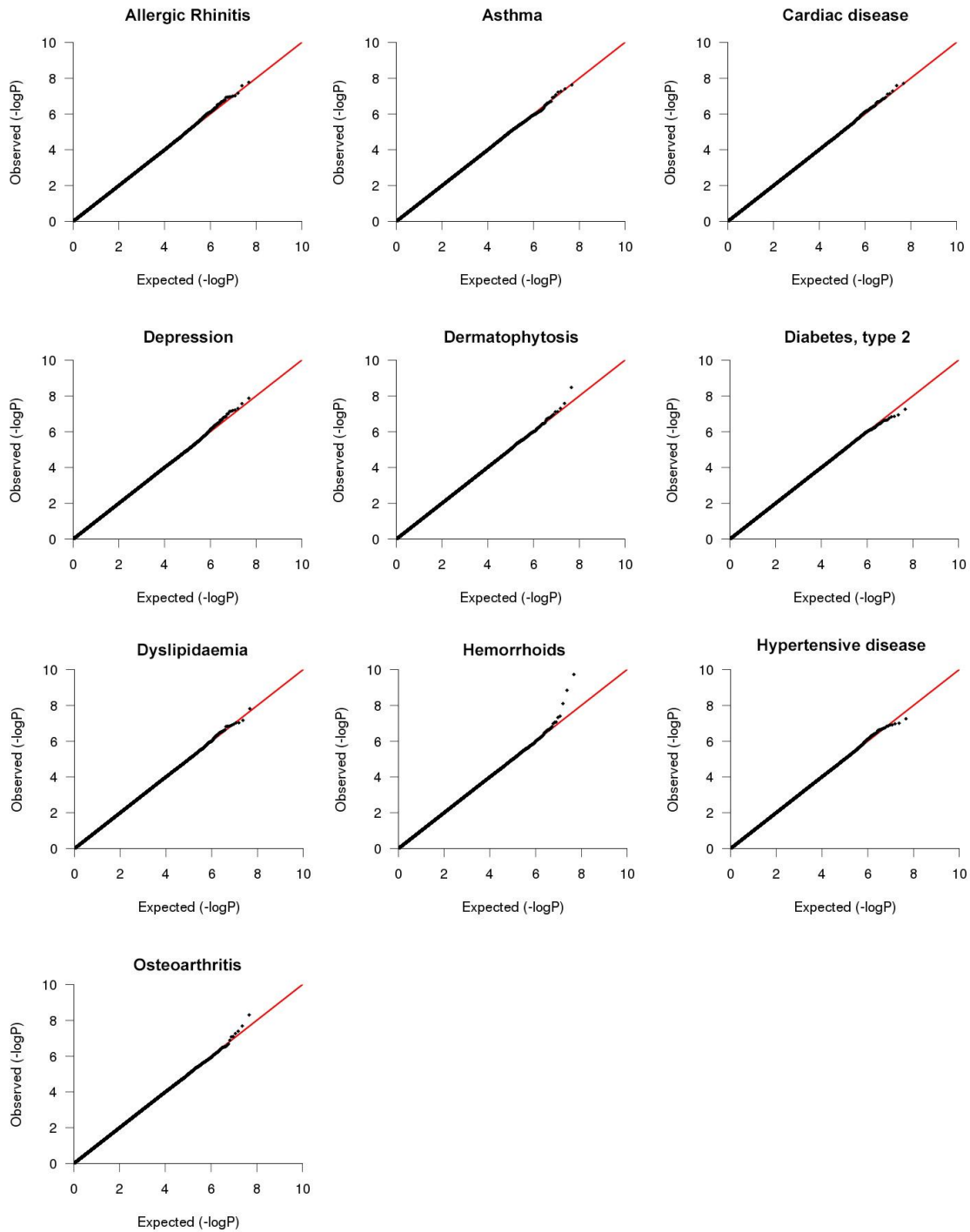


**Figure S-1. Quantile-quantile plots for interaction P-values from the discovery datasets.**



Interaction P-values were obtained via FastEpistasis, among all pairwise interactions involving approximately 10,000 randomly selected SNPs in each discovery dataset (approximately  $5 \times 10^7$  pairs each).