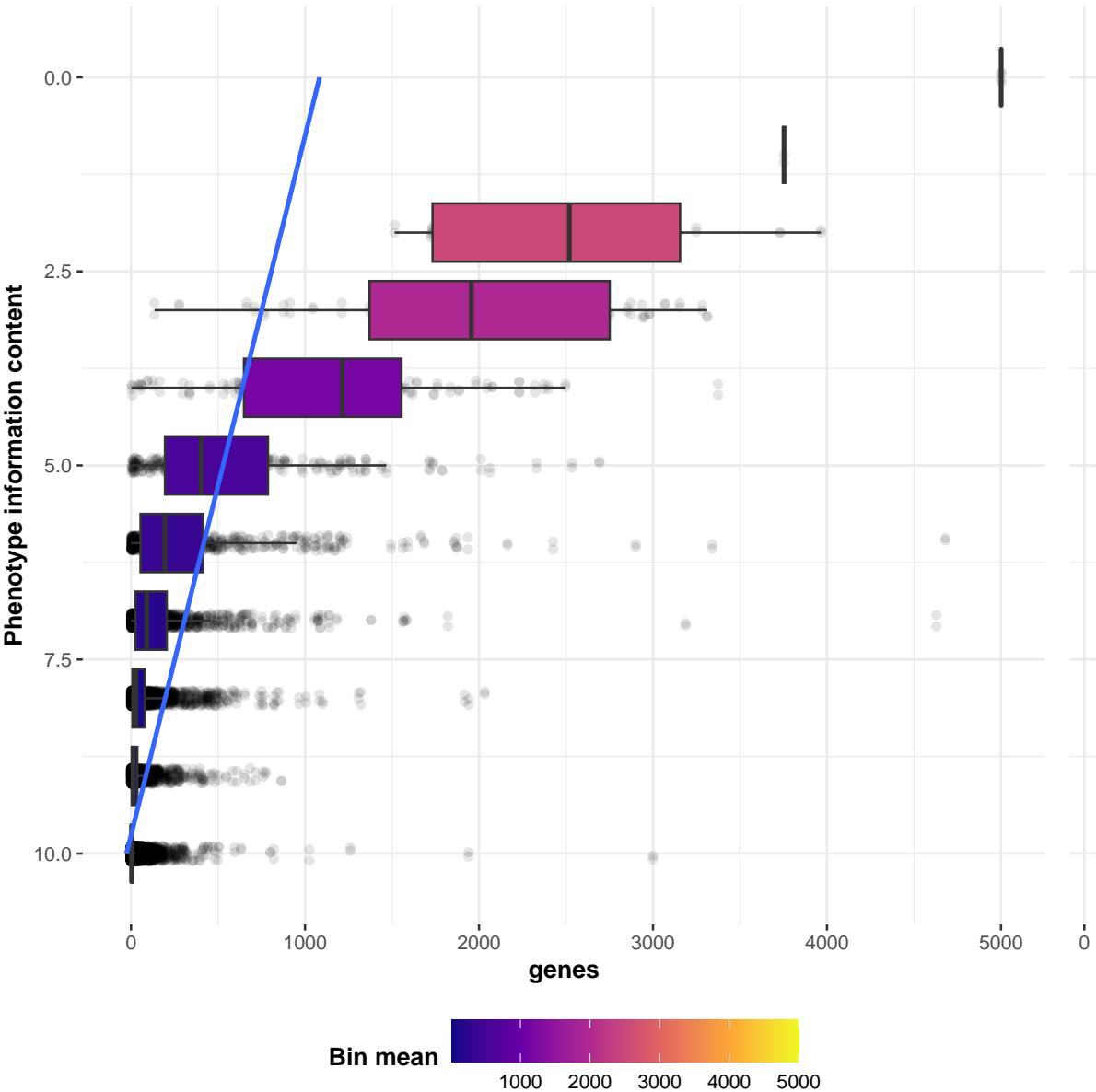


Phenotype level vs. genes

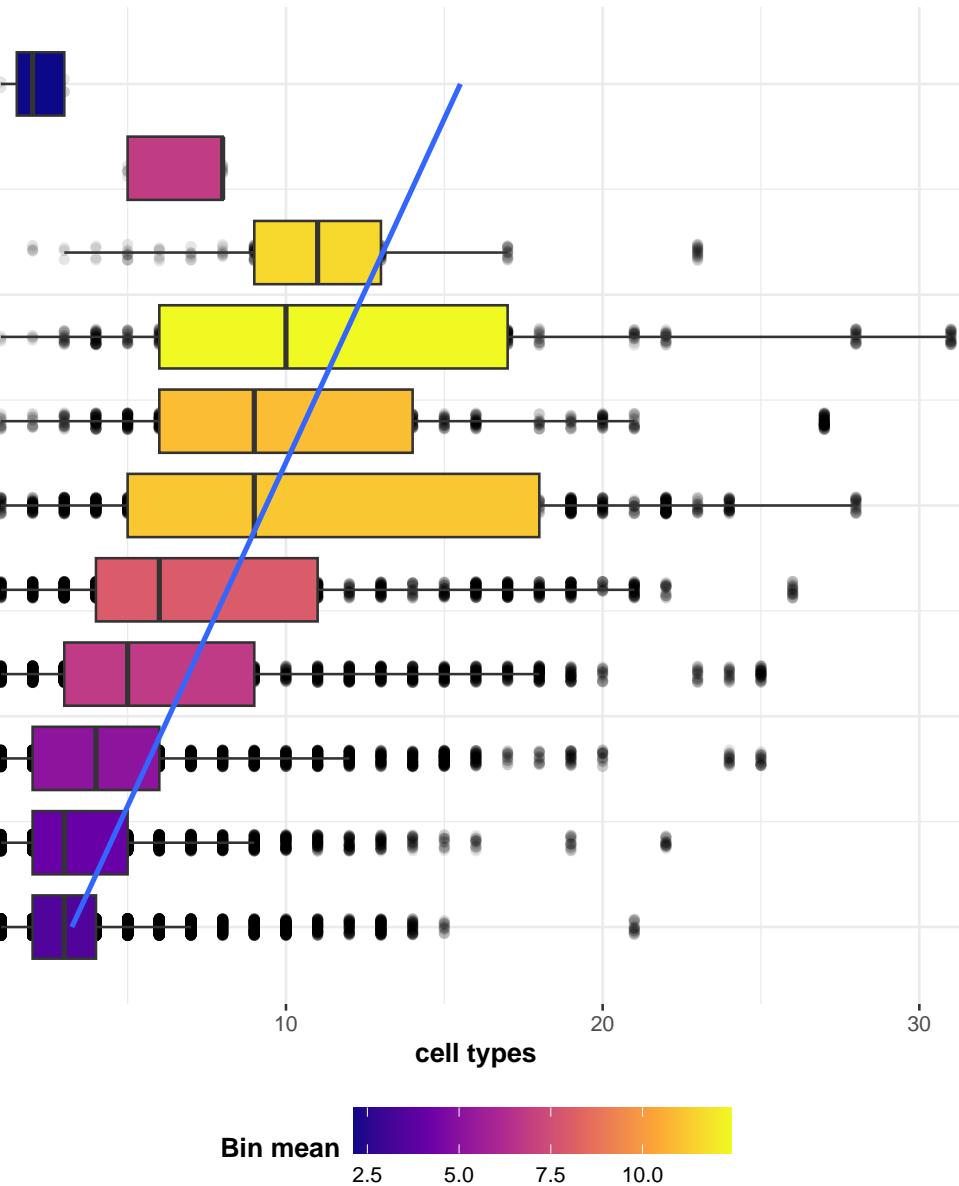
$p = 2.23e-308$, $\hat{r}_{\text{Pearson}} = -0.56$, $n_{\text{pairs}} = 21,973$

Broad phenotypes
↑
↓ Specific phenotypes



Phenotype level vs. cell types (FDR<0.05)

$p = 2.23e-308$, $\hat{r}_{\text{Pearson}} = -0.49$, $n_{\text{pairs}} = 46,514$



Phenotype level vs. estimate (FDR<0.05)

$p = 8.30e-160$, $\hat{r}_{\text{Pearson}} = 0.13$, $n_{\text{pairs}} = 45,578$

