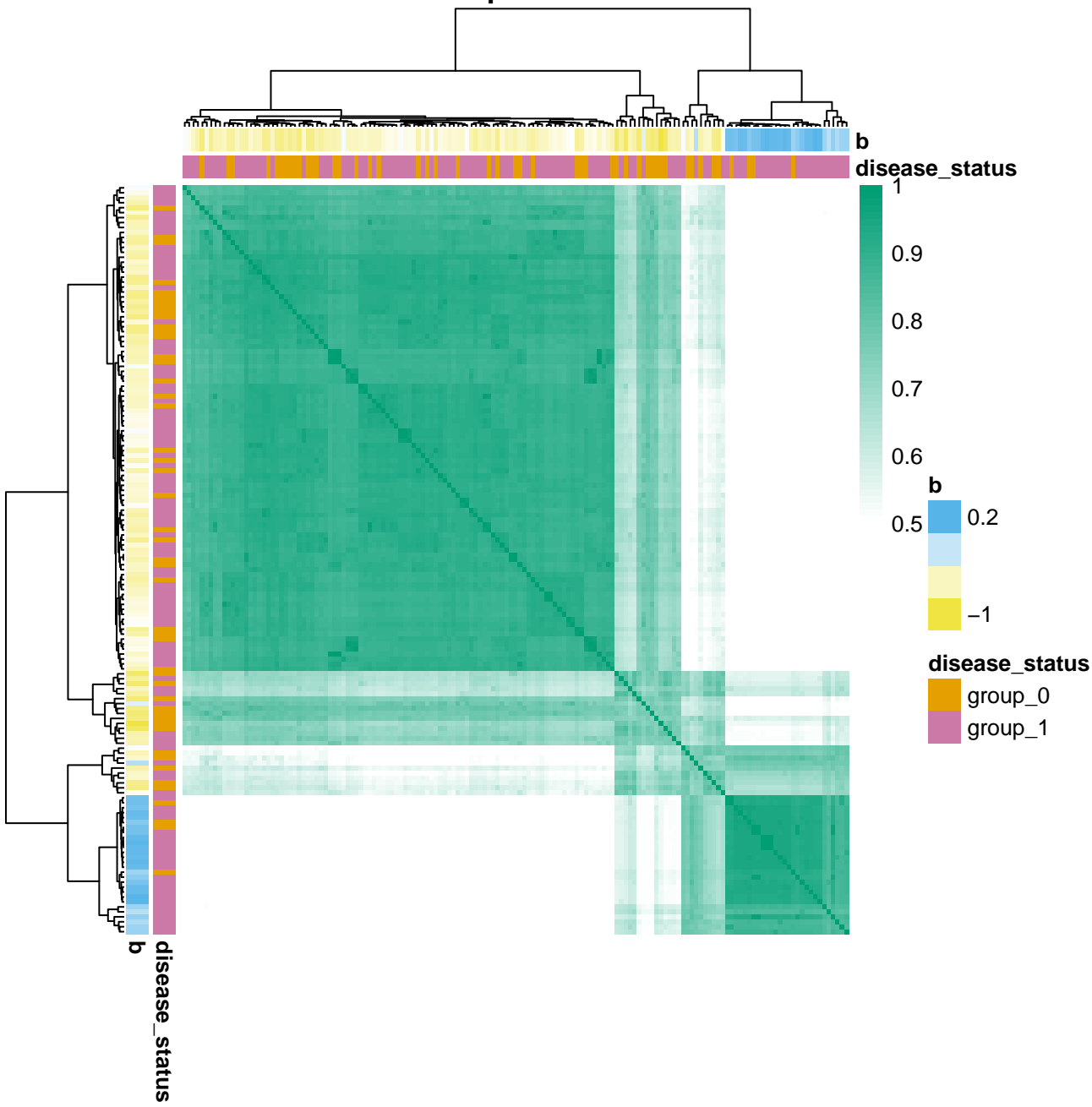
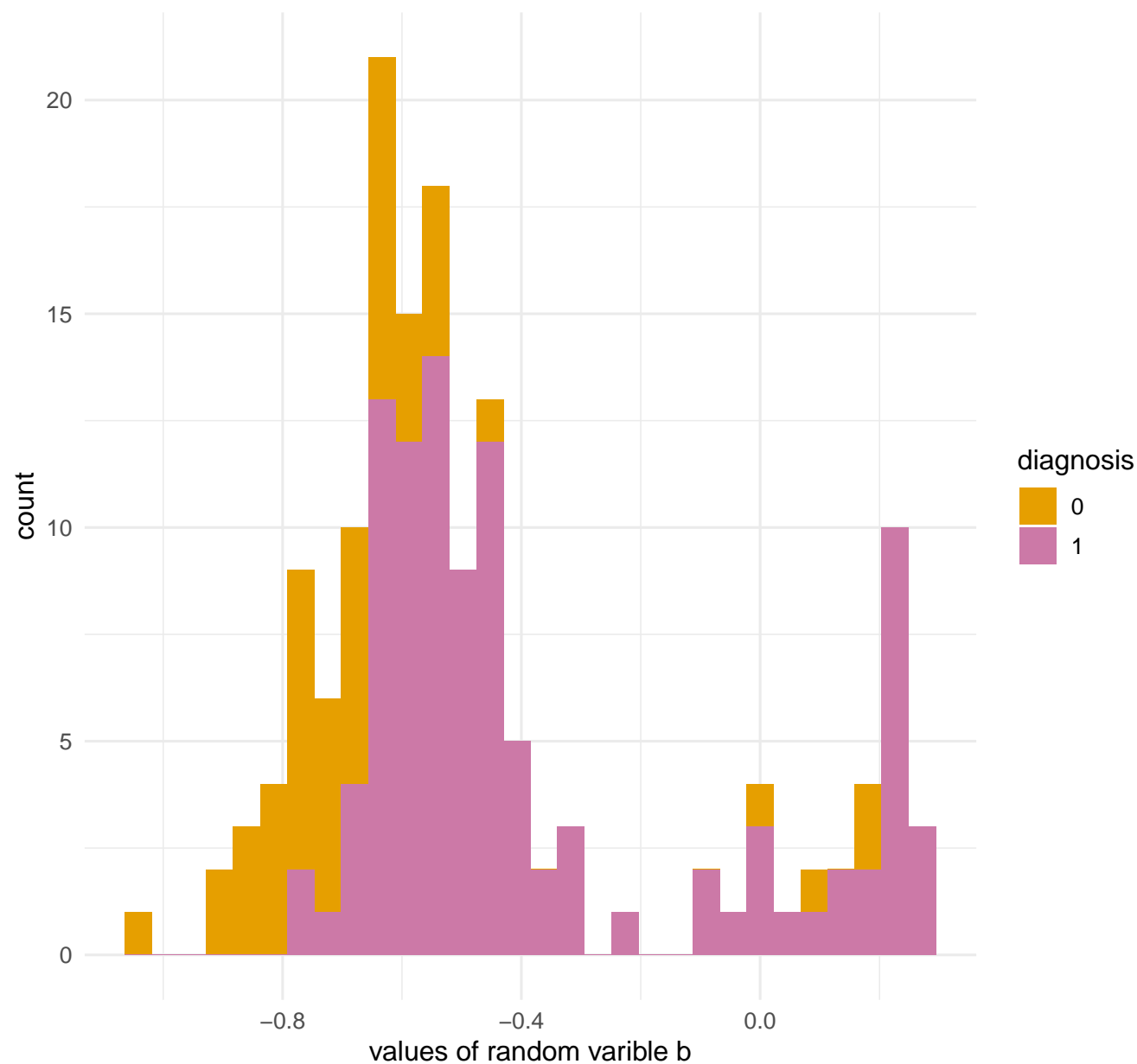
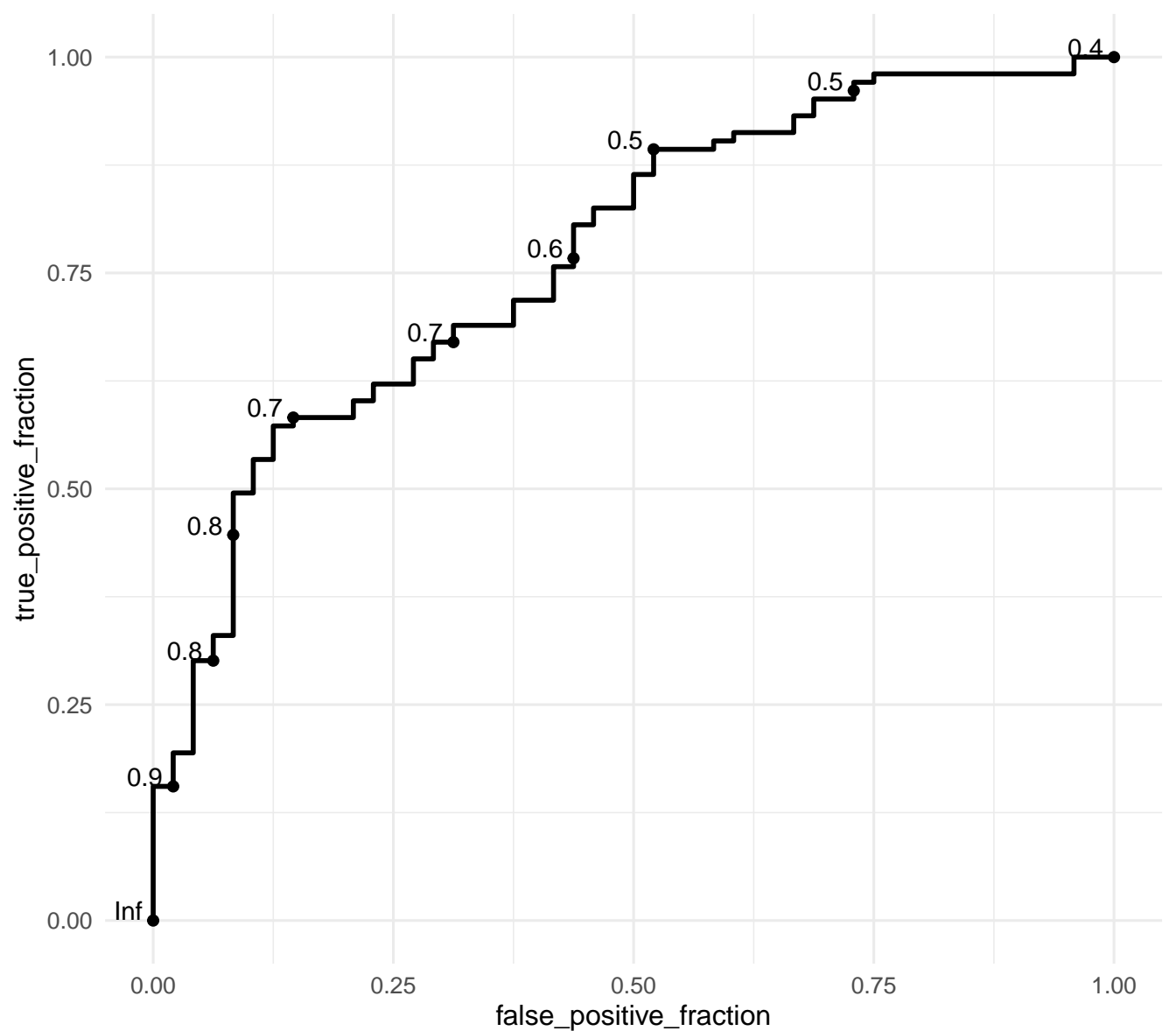


GRM for species 102478



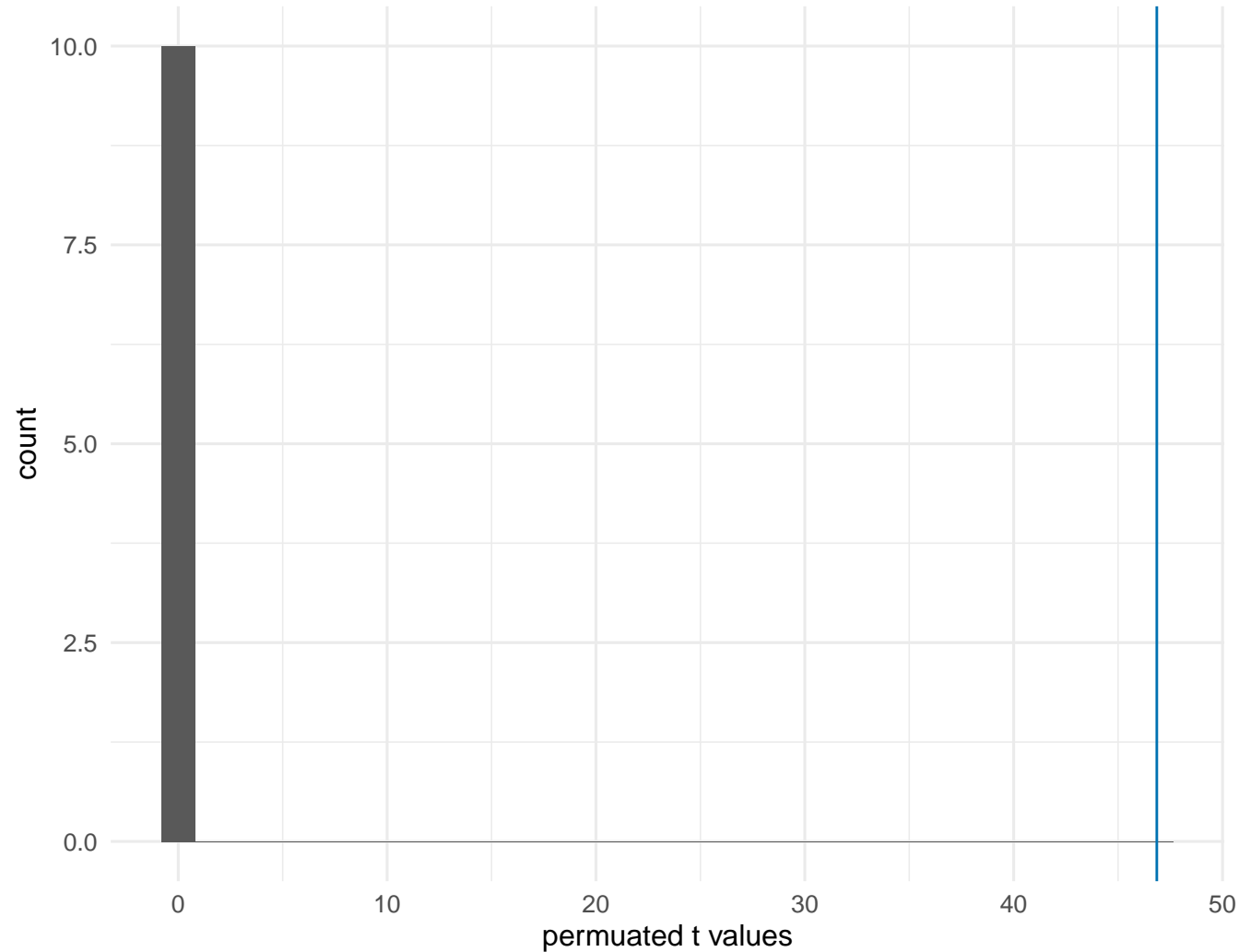
Histogram of random variable b for species 102478
colored by diagnosis





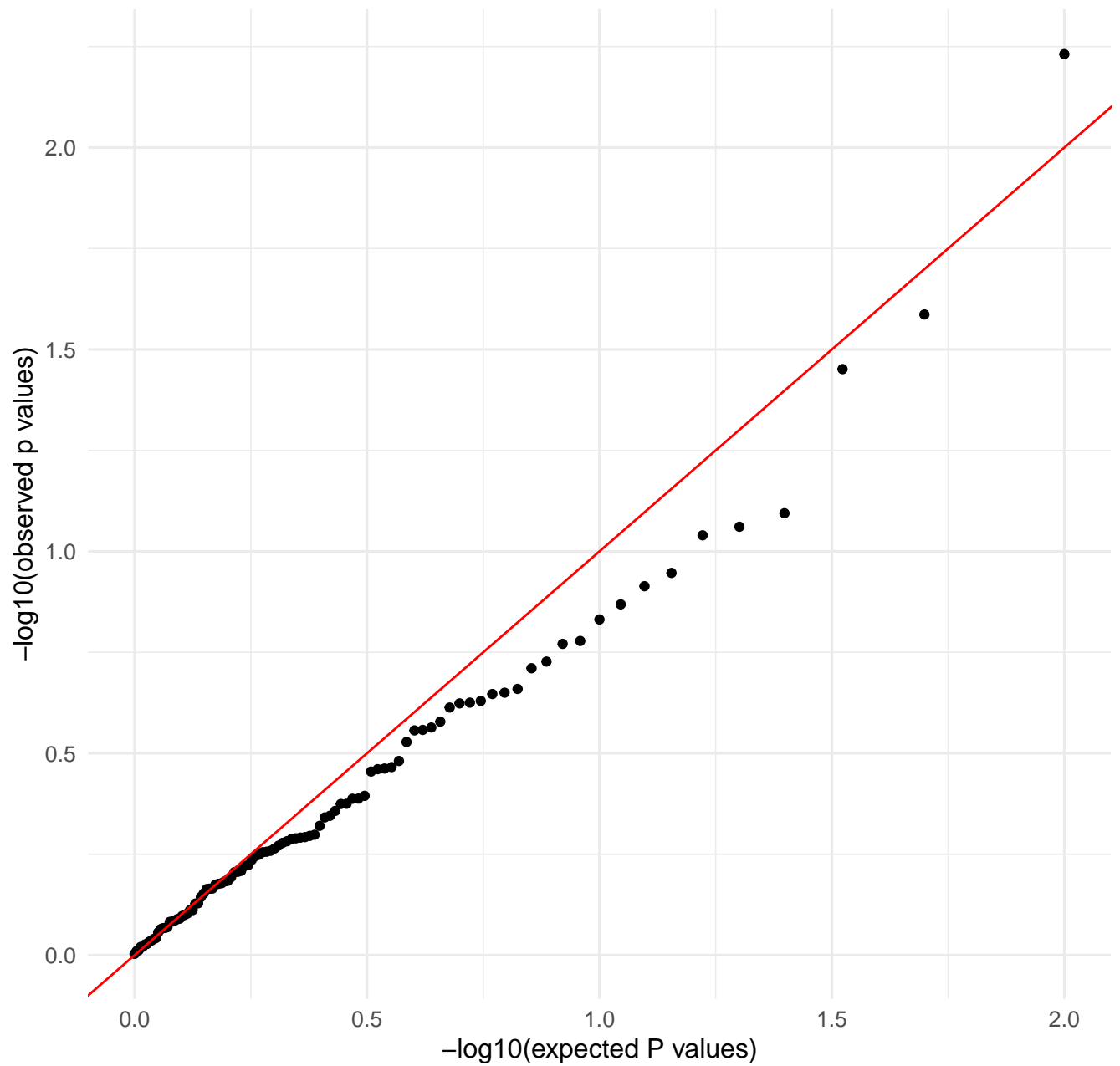
pop_structure_test formula= y~age+1 family= binomial
Coefficients: -0.562339782855029
AUC 0.771035598705502
tau is: 1.55681055222518 t value is 46.8538591267327

Histogram of permuated t values for species 102478
actual t value for a tau of 1.55681055222518 in orange
number of permutations 10



pop_structure_test formula= y~age+1 family= binomial
Coefficients: -0.562339782855029
AUC 0.771035598705502
tau is: 1.55681055222518 t value is 46.8538591267327
pvalue for t is 0

qqplot for species, 102478 tau: 1.56 error_rate < 0.05 : 0.03



Power test for species 102478 at alpha value 0.05

