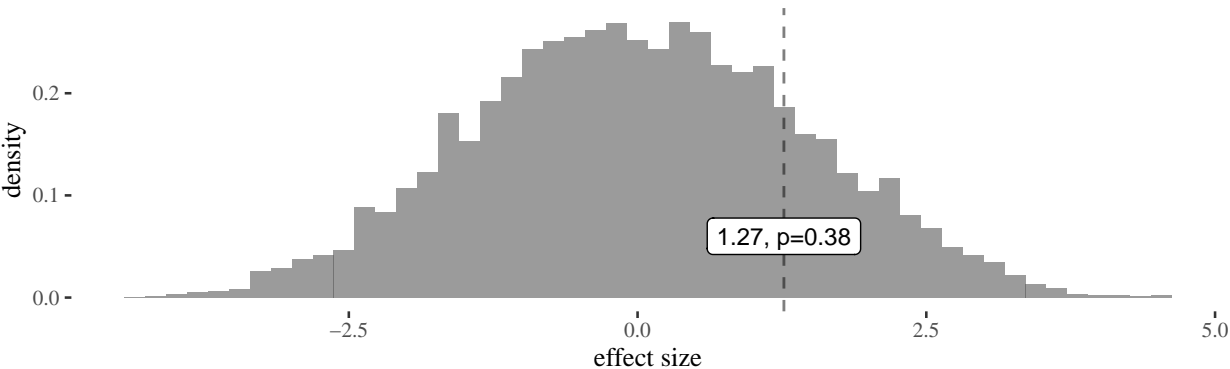Distribution of effect sizes given a null model

1.27, p=0.38

Distribution of test statistics given a null model

0.39, p=0.01