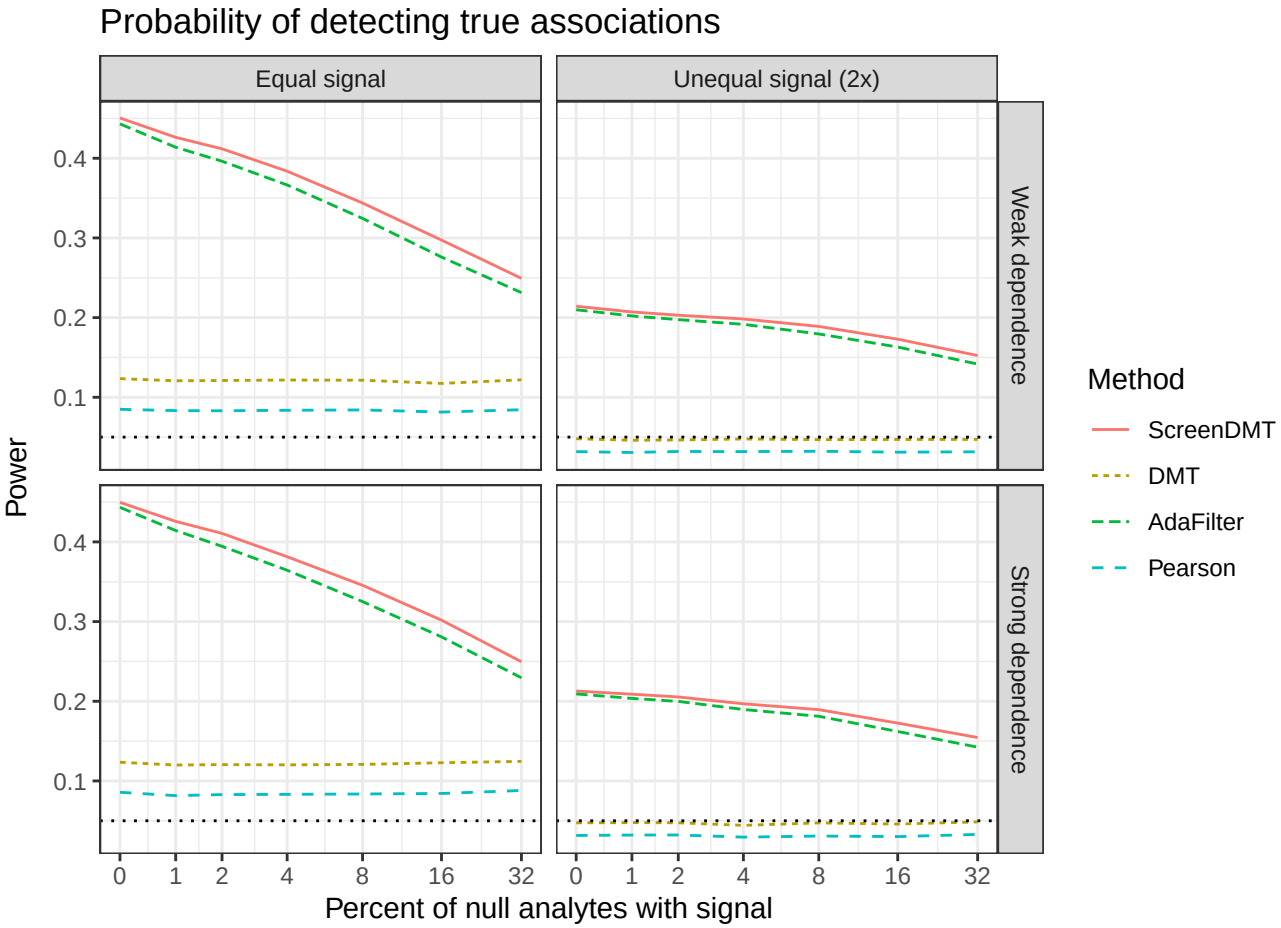
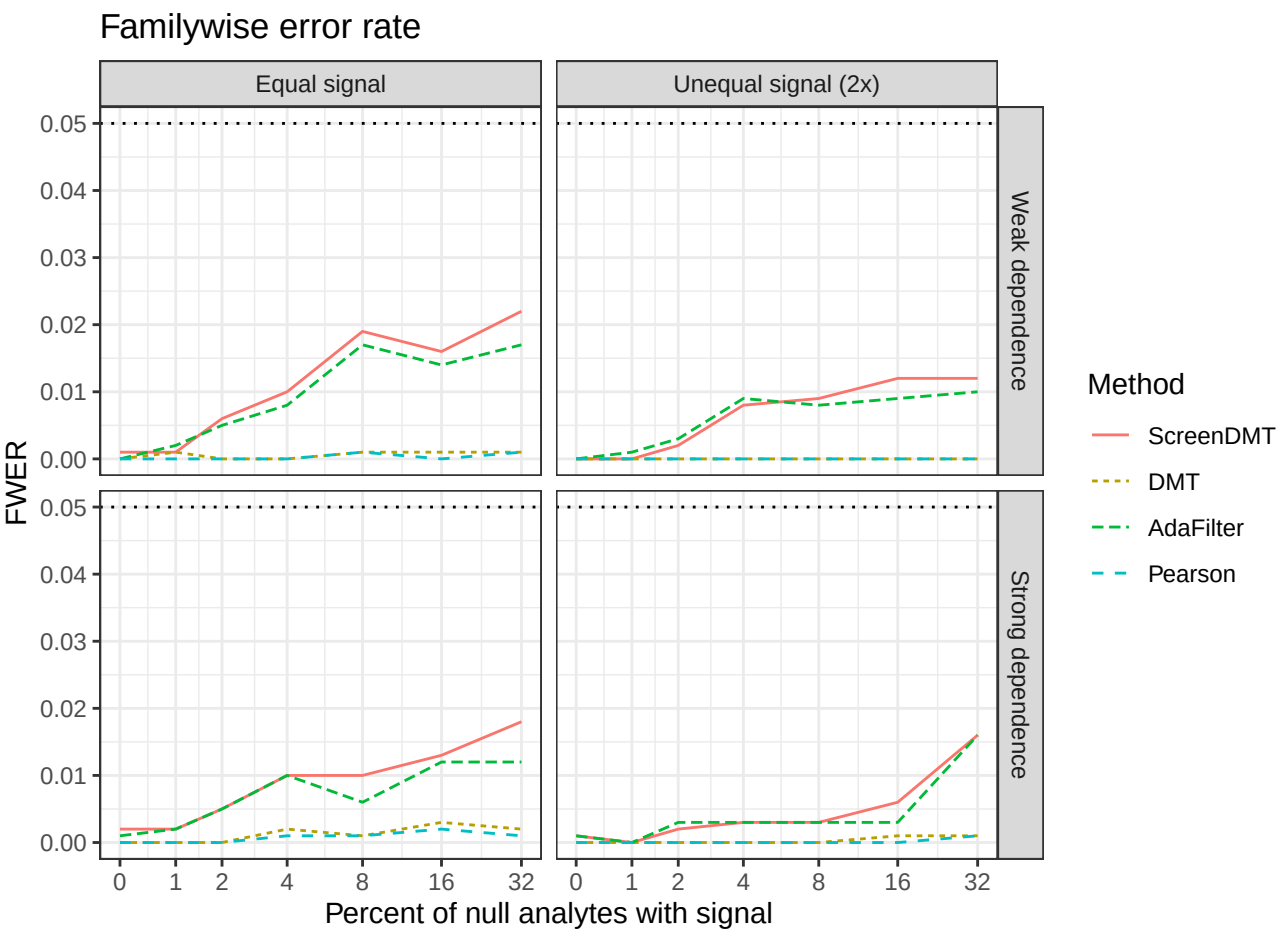

Probability of detecting true associations
Equal signal
Unequal signal (2x)
Weak dependence
Strong dependence
Power
0.4
0.3
0.2
0.1
0
1
2
4
8
16
32
Percent of null analytes with signal
Method
ScreenDMT
DMT
AdaFilter
Pearson


Familywise error rate
Equal signal
Unequal signal (2x)
Weak dependence
Strong dependence
FWER
0.05
0.04
0.03
0.02
0.01
0.00
0
1
2
4
8
16
32
Percent of null analytes with signal
Method
ScreenDMT
DMT
AdaFilter
Pearson