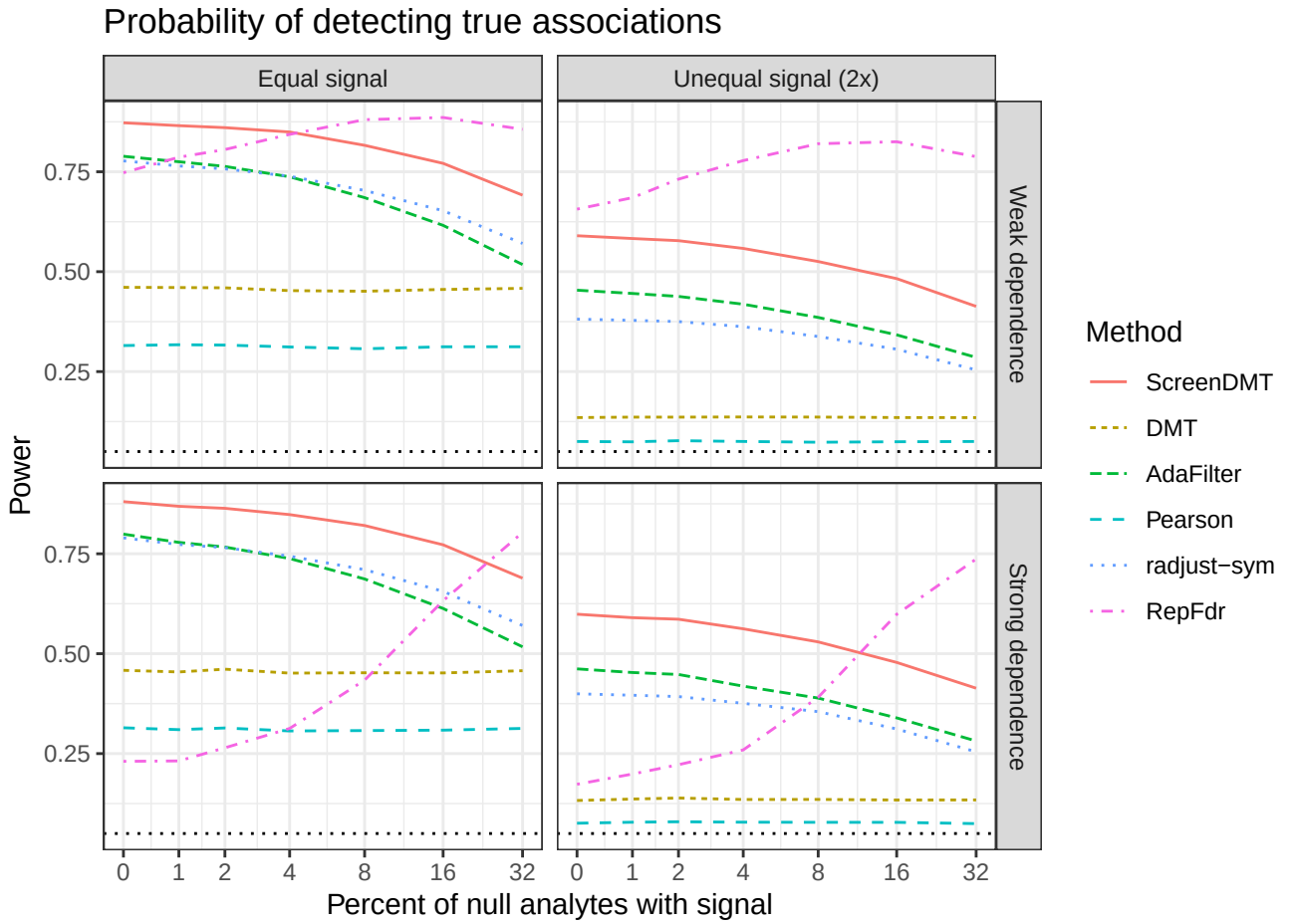
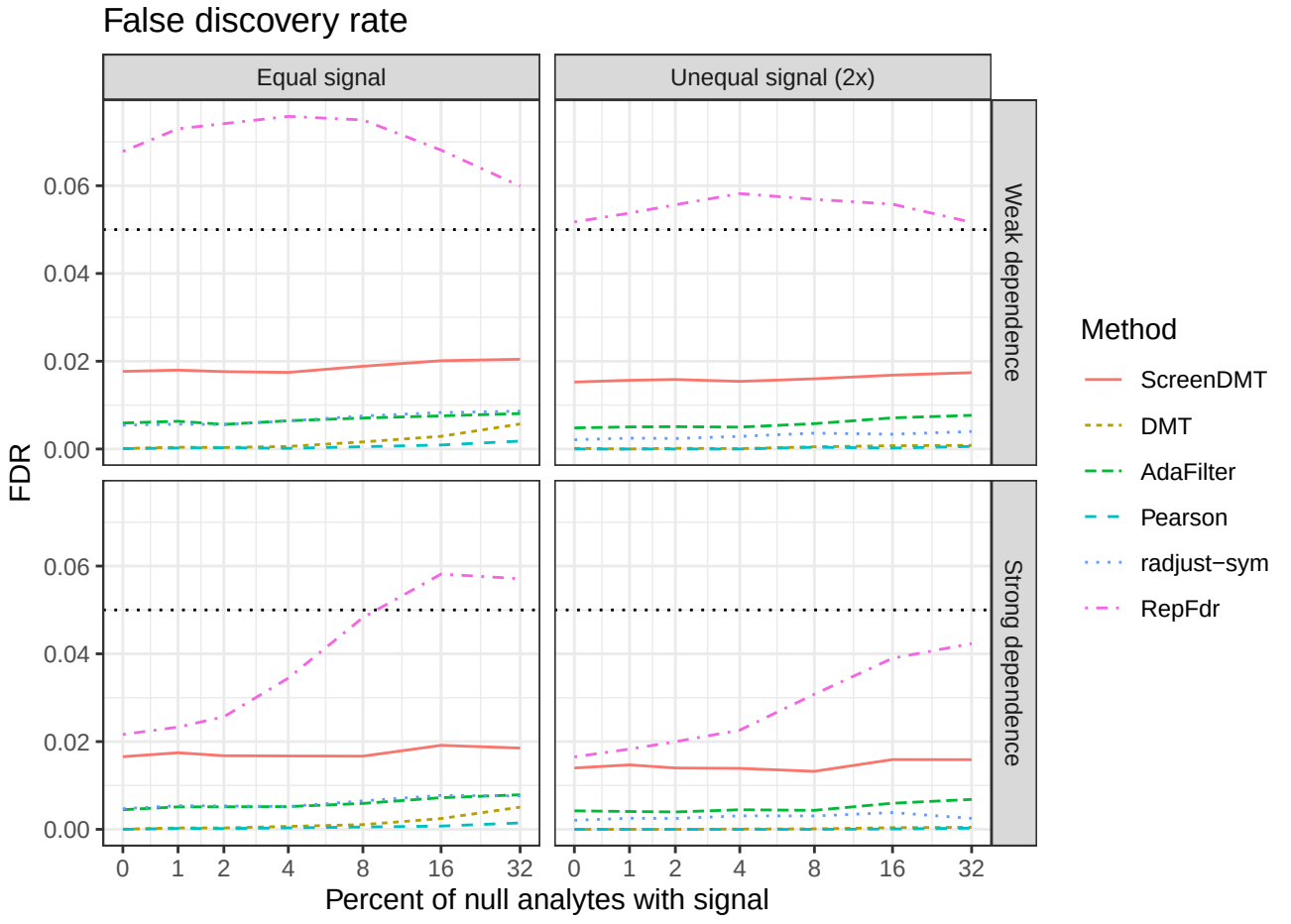

Probability of detecting true associations
Equal signal
Unequal signal (2x)
Weak dependence
Strong dependence
Power
0.75
0.50
0.25
0
1
2
4
8
16
32
Percent of null analytes with signal
Method
ScreenDMT
DMT
AdaFilter
Pearson
radjust−sym
RepFdr


False discovery rate
Equal signal
Unequal signal (2x)
Weak dependence
Strong dependence
FDR
0.06
0.04
0.02
0.00
0
1
2
4
8
16
32
Percent of null analytes with signal
Method
ScreenDMT
DMT
AdaFilter
Pearson
radjust−sym
RepFdr