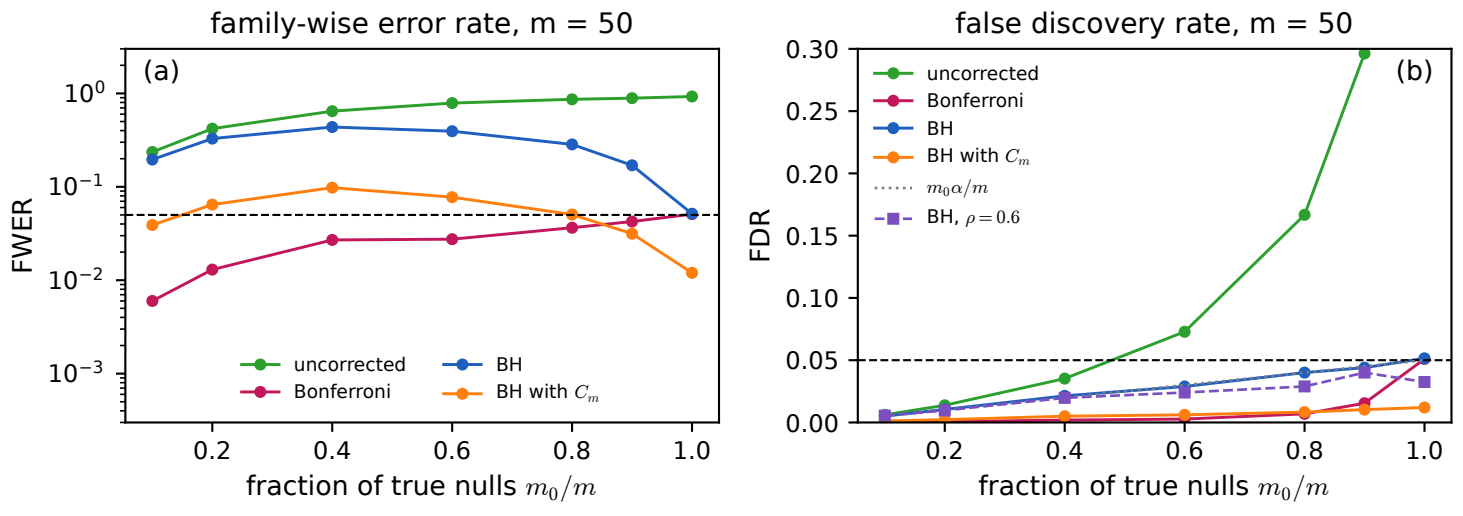

family-wise error rate, m = 50
(a)
FWER
10^0
10^{-1}
10^{-2}
10^{-3}
uncorrected
Bonferroni
BH
BH with C_m
0.2
0.4
0.6
0.8
1.0
fraction of true nulls m_0/m
false discovery rate, m = 50
(b)
FDR
0.30
0.25
0.20
0.15
0.10
0.05
0.00
uncorrected
Bonferroni
BH
BH with C_m
$m_0\alpha/m$
BH, $\rho = 0.6$
0.2
0.4
0.6
0.8
1.0
fraction of true nulls m_0/m