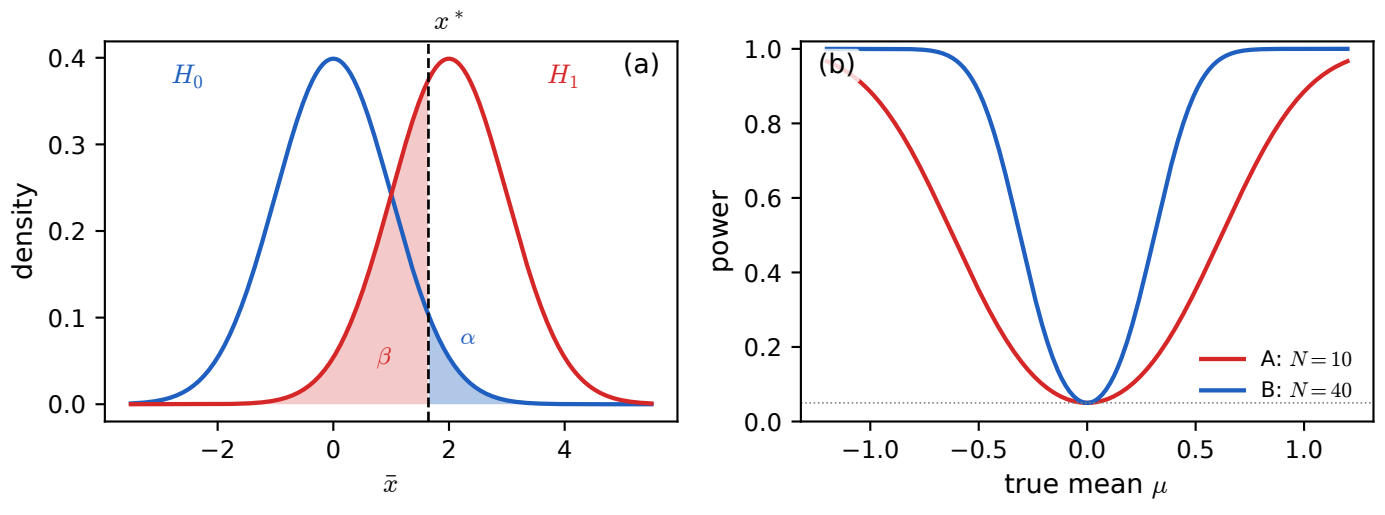

x^*
H_0
H_1
(a)
density
0.4
0.3
0.2
0.1
0.0
β
α
−2
0
2
4
$\bar{x}$
(b)
power
1.0
0.8
0.6
0.4
0.2
0.0
A: $N = 10$
B: $N = 40$
−1.0
−0.5
0.0
0.5
1.0
true mean μ