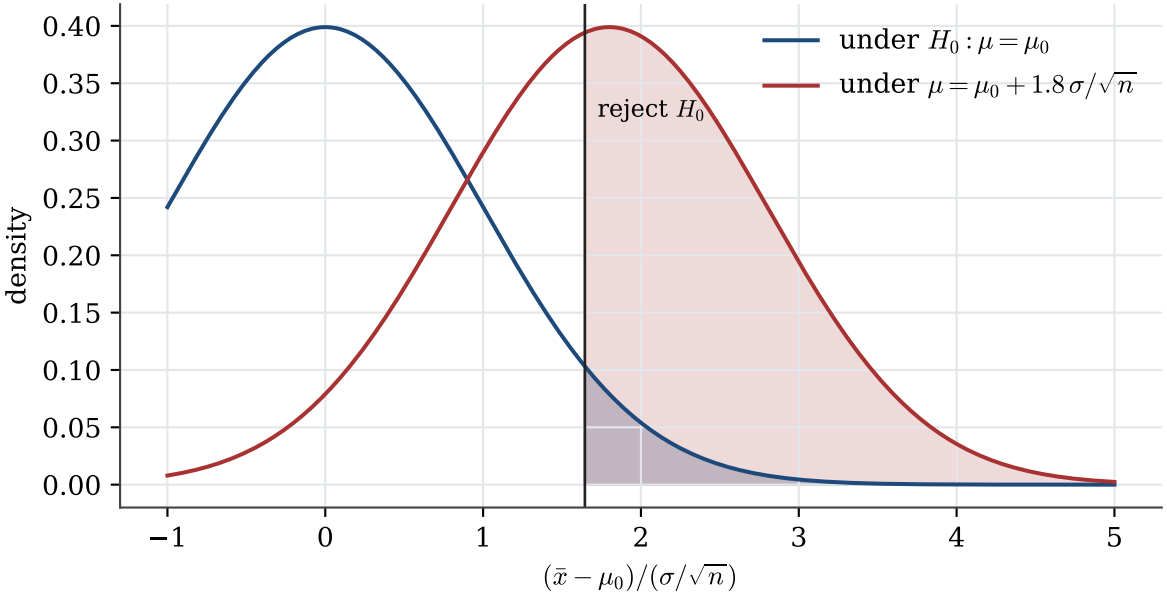

0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
density
under $H_0 : \mu = \mu_0$
under $\mu = \mu_0 + 1.8\,\sigma/\sqrt{n}$
reject H_0
−1
0
1
2
3
4
5
$(\bar{x} - \mu_0)/(\sigma/\sqrt{n})$