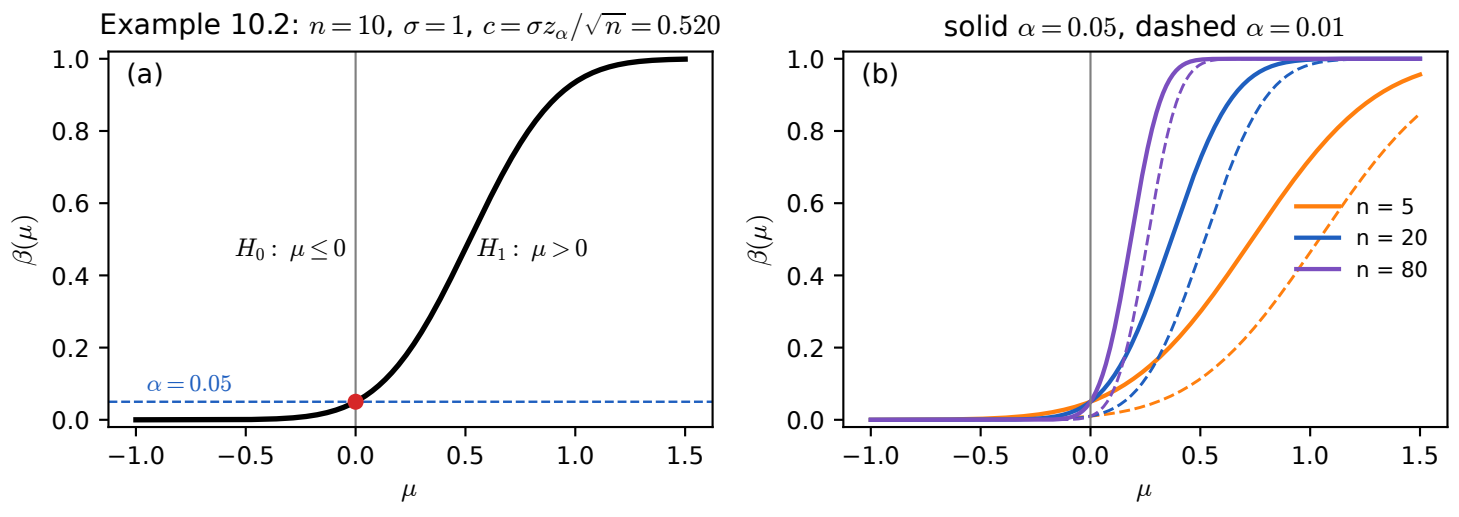

Example 10.2: $n = 10$, $\sigma = 1$, $c = \sigma z_\alpha/\sqrt{n} = 0.520$
(a)
$H_0: \mu \le 0$
$H_1: \mu > 0$
$\alpha = 0.05$
$\beta(\mu)$
μ
solid $\alpha = 0.05$, dashed $\alpha = 0.01$
(b)
n = 5
n = 20
n = 80
$\beta(\mu)$
μ