



Density

-   $P(|Z| > 1.96, H_1) = 0$   
  $P(|Z| > 1.96, H_0) = 0$

$H_0: \mu_1 = \mu_2$

$H_1: \mu_1 = \mu_2 + \delta$

$$Z = \frac{\mu_1 - \mu_2}{\sigma/\sqrt{n}}$$

