

例 7.13

(1) $H_0: p_1 - p_2 \leq 0, H_1: p_1 - p_2 > 0$

(2) $\alpha = 0.05$

(3) $C = \{z > z_\alpha\} = \{z > 1.645\}$

(4) $\bar{p} = \frac{108 + 98}{200 + 150} = 0.531$

$$z = \frac{0.54 - 0.52}{\sqrt{0.531(1-0.531)\left(\frac{1}{200} + \frac{1}{150}\right)}} = 0.371$$

不拒绝 H_0 #