

$$7. H_0 = \mu_1 = \mu_2, Z_{0.025} = 1.96$$

$$\frac{(\bar{x} - \bar{y}) - 0}{\sqrt{\frac{s_1^2}{n_1} + \frac{s_2^2}{n_2}}} = \frac{38.3 - 40.1}{\sqrt{\frac{40}{100} + \frac{30}{80}}} = -2.045$$

拒絕 H_0

