

5/19 實習作業

$$b. \bar{x} = 4.65$$

$$s = 1.26$$

$$11) n = 40 \quad \alpha = 0.05$$

$$H_0 = \mu = 4.3$$

$$H_1 = \mu \neq 4.3$$

$$Z_{0.025} = 1.96$$

$$\frac{4.65 - 4.3}{\frac{1.26}{\sqrt{40}}} = 1.757$$

→ 不拒絕  $H_0$

$$12) n = 80, \alpha = 0.05$$

$$H_0 = \mu = 4.3$$

$$H_1 = \mu \neq 4.3$$

$$Z_{0.025} = 1.96$$

$$\frac{4.65 - 4.3}{\frac{1.26}{\sqrt{80}}} = 2.485$$

→ 拒絕  $H_0$