$(1) h = 40 \quad \alpha = 0.05$ $H_0: L = 4.3$

Hi M \$4.3 20.025=1.96

 $\frac{4.65-4.3}{\frac{1.26}{\sqrt{40}}} = 1.75$



摄变H。

(2)n=80

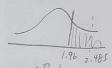
a=0.05 Ho=4.3

H1:4 + 4.3

Z0.025=1.96

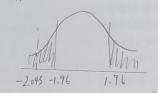
4.65-4.3

1. 26 = 2.485 180



7. Ho: 11 = 12 H1: 41 = MZ

$$\frac{(\overline{X} - \overline{Y}) - 0}{\sqrt{\frac{S_1^2}{n_1} + \frac{S_2^2}{n_2}}} = \frac{38.3 - 40.1}{\sqrt{\frac{40}{100} + \frac{30}{80}}} = 2.045$$



拒絕一。

Zo.05 = 1.96

8. $H_0: \mathcal{U}_1: \mathcal{U}_2$ $S_{p_2} = \sqrt{\frac{(n_1+1)S_1^2 + (n_2-1)S_2^2}{n_1 + n_2 - 2}} = \sqrt{\frac{63 \times 3.2^2 + 80 \times 3.6^2}{143}} = 3.430$

 $\frac{(\bar{x} - \bar{Y}) - 0}{5p\sqrt{\frac{1}{n_1} + \frac{1}{n_2}}} = \frac{32 - 34}{3.430\sqrt{\frac{1}{64} + \frac{1}{81}}} = 3.486$

1181-5 101

3.486 -1-96 1.96

0)1-019

8. Ho : $A_1 : A_2 = 32 - 34$ Hi : $A_1 : A_2 = 32 - 34$ $(x - P) - D = 3.430 \sqrt{44.781} = 3.486$ $5x - 1 + 1 = 3.430 \sqrt{44.781} = 3.486$ 9. $t_0 : A_1 = A_1 : A_1 = A_1 : A_1 = A_2$ Ho : $A_1 : A_1 = A_1 : A_1 = A_2$ $A_2 : A_1 = A_2 : A_2 : A_3 : A_4 : A_4$ $\frac{1}{-2.101-0.95 \cdot 2.101}$ $\frac{1}{10. 20.05 = 1.645}$ $\frac{1}{10. 20.05 = 1.645}$ $\frac{1}{10. 20.05 = 1.645}$ $\frac{1}{10. 20.05}$ $\frac{1}{10. 20.05}$