

1. CLAIM: $\mu_1 \neq \mu_2$ $\alpha = .05$

$H_0: \mu_1 = \mu_2$

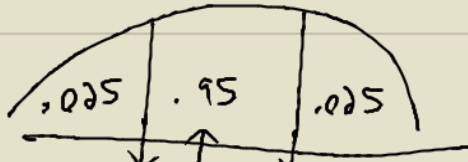
$H_1: \mu_1 \neq \mu_2$

$n_1 = 20$

$n_2 = 15$

DF = 14

2-SAMPLE TEST



C.V. -2.145 C.V. 2.145

T.S. $t = 0.49$

P = .63

CONC: ACCEPT H_0
REJECT H_1
REJECT CLAIM

b) 95% C.I. $(-2.544, 4.144)$

2. CLAIM: $\mu_1 < \mu_2$

$H_0: \mu_1 \geq \mu_2$

$H_1: \mu_1 < \mu_2$ $<, > \neq$

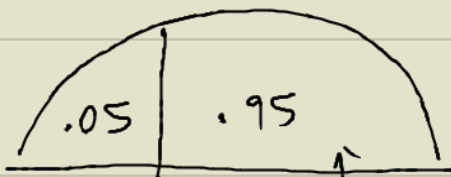
$\alpha = .05$

$n_1 = 30$

$n_2 = 28$

DF = 27

2-SAMPLE TEST



C.V. -1.703

T.S. $t = 1.23$

P = 0.89

CONC: ACCEPT H_0
REJECT H_1
REJECT CLAIM

b) 99% C.I. $(-2.361, 6.361)$