Population formula -> preference

 $T \leftarrow Standard deviation$ Variance = T^2

Populationspec(N) =452 Min=-5 Mov=5 R=10

total size in table 452

Mean = $M = 2x_1 - \frac{786}{152}$ =-04115

mean (M) = -0.4115

median = 0

mule = 0

Male graph for preference

Normal Distribution
$$\frac{\chi}{100} = \frac{37}{100} = 0.64284$$
Mean $\frac{\chi}{100} = 0.64284$
Median = 0
Male = 0

Sample size (n) = 137
degree of freedom (d.
$$f$$
) = $N-1=137-1=136$
Sum = -78

$$\alpha = 95/000.05$$

$$0 = 95 / \text{ or } 0.05$$

 $5 = 9.33 / 8.04$
 $5^{2} = 5.437$
 $5 = 1.36 / 8.04$
 $5 = 5.437$

$$t$$
-test $t=\frac{m-M}{5} = 0.1992$

Feronle graph to proference Sum = - 94 normal distribution mens = -0.690b 2-2 = 144 made = 0 median=0 a=0.050090%. $S = \sqrt{2-2} = \sqrt{87485-77}$ $\sqrt{N-1} = \sqrt{149}$ min = -5 max=5 = 295.0454 -2,0677 R310 5=2-0678 52-4-275 SE=5 = 2-0626 Vh 1144 = 0.1723 t-test -0.60306-6-0.415) _=-1.5618 0.172)

d.f=h-1=144-1=143

independent t-test for 2 Sample (Preference) たって、一てa 5/2 0.64284-(-0.6706) 5.4373 + 4.2749 = 0.03776 0.26334

Population formula for confetence

 $T \leftarrow Standard deviation$ Variance = T^2

Sum=-173

Populationspec(N) =452 Min=-5 Mar=5 R=10

total size in table 452

Mean = $M = \frac{2}{N} = \frac{-173}{452}$ = -0.38274336Mean (M) = -0.39274

median=0

mude = 0

Male graph for competence

Normal Distribution

Mean
$$\bar{x} = -0.6715$$
 $\bar{x} = \bar{n}_1 = 137 = -0.6715 = 3286$

Median = 0

Male = 0

Sample size (n) = 137

degree of freedom (d. f) = $n-1=137-1=136$

Sum = -92
 $0 = 95\%$ or 0.05
 $5 = 1.9930$
 $5 = 1.9930$
 $5 = 3.9722$

Standard error $(-1.5) = 5 = 1.9970 = 0.170277$
 $-1.9970 = 0.170277$
 $-1.9970 = 0.170277$
 $-1.9970 = 0.170277$
 $-1.9970 = 0.170277$

t-test = -1.6960

Ferocile graph for confedence Sum=-69 normal distribution Mean: $\chi = -0.4792$ $\frac{-b9}{2-h} = \frac{-b9}{144} = -0.47966$ made = 0 median=0 0=0.05 or 90%. $S = \sqrt{(2-2)^2} = \sqrt{\frac{373.9375068}{(4.3)}}$ Min = -5 max=4 = 1. U71 R310 5=1.6171 5= 2.6149 SE=5 = 1.6171 = 0.134757 t-test -0-4792 - (-0.3874) _=-0.71556 0.134757 d.f=h-1=144-1=143

independent t-test for 2 Sample 2,-72 -l-0.499167) 0.6715 2 61493 -0.192366