Consultation 1 Et,d n >100 £8/2=3.355 $t_{d_1} \cdot \delta_n = n$ $+ (n \cdot d \cdot T.) \longrightarrow N(0, s)$ ME(X-EE) X +EE) $E_{t} = t_{42}, n-1 = m ; d = 0.00$ **●**=✓ P = 0.01 B/2 = 0.005

$$E_{4,p} = \frac{m}{t_{4/2}} + \frac{3.365}{2.306}$$

$$S = 7.45 \cdot m$$

$$1.2 \quad (1-2) \cdot 100\%$$

$$2 = 0.05 \quad 2/2 = 0.005$$

$$E_{+} = t_{0} \cdot \frac{S}{\sqrt{n}} = t_{0.005} \cdot \frac{26}{\sqrt{10}}$$

$$1.3 \quad n = 10 \quad \text{M}_{3} \quad \text{M}_{6} \cdot \text{M}_{6} \cdot \text{S}_{1} \cdot \text{S}_{1}$$

$$P(X < 0) \quad ; \quad X_{-1} \quad \text{M}_{6} \cdot \text{S}_{1} \cdot \text{S}_{1}$$

X-M 0-M

$$\frac{X-M}{S} = Z < -0.8 \cdot \sqrt{10}$$

$$\frac{Z}{A} = Z < -0.316$$

$$P(Z = 0.316) = 0.3415$$

$$-0.32$$

$$1.4. F(XY) = 2.0,1 + 4.03 + 4.02 + 8.02$$

$$-0.32$$

$$1.4. F(XY) = +6.91 + 12.91 = 2.2 + 1.6 + 10.6 + 1.2 = 7.6$$

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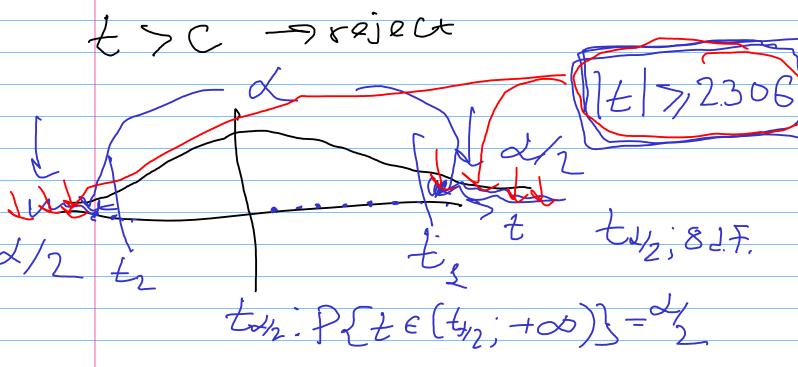
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C.R. ; >	(· (×1	$(X_5-)\cdot(Y_5-)$	<i>Y</i> -).	
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we	also	Specisy	CAR! 1'cal	
006	Q(1)0)P(U19 -	Critical region	
			(19/01)	
		Specify	SOMPLE	
		9		
	Stat	tistic 15	a Function From Sample	
			From Sample	

$$E(Y) = \sum_{Y} Y - P_{Y} - y_{z} = 2.0.6 + 4.02:2$$

$$V_{Y} = \sum_{Y} Y - (E(X)) = 2$$

$$V_{Y} = \sum_{Y} Y - (E(X)) = 2 - 4 = 2.4 + 3.2 - 4 = 1.6$$

$$V_{Y} = Y - 0.6 + 16.0.2 - 4 = 2.4 + 3.2 - 4 = 1.6$$

$$V_{Y} = Y - Y - E(X) - E(Y)$$

$$V_{Y} = Y - Y - E(X) - E(Y)$$

$$V_{Y} = \sum_{Y} Y - E(X) - E(Y)$$

$$V_{Y} = \sum_{Y} Y - E(X) - E(Y)$$

$$V_{Y} = \sum_{Y} Y - \frac{1}{2} = \frac{4.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0.4 + 6.0$$

$$3(x,y) = x^{2} + y^{2} + 32.0, (-3)$$

$$= x^{2} + y^{2}$$

$$= x^{2} + y^{2} + y^{2}$$

$$= x^{2} + y^{2} + y^{2}$$

$$= x^{2} + y^{2} + y^{2} + y^{2} + y^{2} + y^{2}$$

$$= x^{2} + y^{2} + y^{2$$

2.2.
$$\int_{x,y} (x,y)$$
: $\int_{x,y} (x,y) \ge 0$

$$\int_{x,y} (x,y) \le \int_{x,y} (x,y) \ge 0$$

$$\int_{-\infty} \int_{x,y} (x,y) \le \int_{x,y} (x,y) \le 0$$

$$\int_{x,y} (x,y) \le \int_{x,y} (x,y) \ge 0$$

$$\int_{x,y} (x,y) \le \int_{x,y} (x,y) \ge 0$$

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$$\int_{x,y} (x,y) \le \int_{x,y} (x,y) \le \int_{x,y} (x,y) \ge 0$$

$$\int_{x,y} (x,y) \le \int_{x,y} (x,y)$$

marginal for
$$f_{X,Y}(x) = \int_{X,Y}^{2} (xy) dy = \int_{X}^{2} \int_{Y}^{2} (xy) dy = \int_{X}^{2} \int_{Y}^{2} \int_{Y}^$$

$$F(x) = \int_{x}^{x} F(t) dt$$

$$F(x) = \int_{0}^{x} (3\frac{9}{40} + \frac{1}{20}t) dt = \frac{3}{40} \cdot x$$

$$= 39 \cdot x + \frac{1}{40} \cdot x$$

$$F(x) = P(x < x) + \frac{1}{40} \cdot x$$

$$F(x) = P(x < x) + \frac{1}{40} \cdot x$$

$$F(x) = 0$$

$$F(x) = \frac{39}{40} x + \frac{1}{40} x^{2}, \quad 0 < x < 1$$

$$f(x) = \frac{39}{40} x + \frac{1}{40} x^{2}, \quad 0 < x < 1$$

CI motivation: Obtain Lower and Upper bound: P { O E (L, U) } = 1-d In our case. Llower; tupp.; PL + 6 (2, tub = 1-2 Assume we Found X-M < td/2 > X -td2. 5 KM

Error morgin Confidence level =0.1; d/2=0.03to.05 = 1.86 Mc (5200-186-9; 5200+1,869)