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MASONS: - Statistics and Complese Analysis -

$$R_{\chi} = \frac{94}{(\mu_{\chi})^2} = \frac{8020}{3600} = \frac{9.222}{3600}$$

$$H_0 = 1$$
 $H_1 = 0$

$$M_{x} = \frac{5}{2} \left(\frac{n_{1}^{2} - n_{1}^{2}}{n} \right)^{2} = \frac{40}{5} = 8$$

M3 = 0 = 0

$$P_{1} = \frac{11^{2}}{(11)^{1}} = \frac{10}{6400} = 0$$

$$P_{2} = \frac{11}{11} = \frac{10}{6400} = 0$$

$$P_{3} = \frac{11}{11} = \frac{10}{6400} = 0$$

$$P_{4} = \frac{1038}{(11)^{1}} = \frac{1038}{64} = \frac{11}{11}$$

$$P_{5} = \frac{11}{11} = \frac{1038}{64} = \frac{11}{11}$$

$$P_{7} = \frac{11}{11} = \frac{1038}{64} = \frac{11}{11}$$

$$P_{8} = \frac{11}{11} = \frac{1038}{64} = \frac{11}{11}$$

$$P_{8} = \frac{11}{11} = \frac{1038}{64} = \frac{11}{11}$$

$$P_{1} = \frac{10}{11} = \frac{1038}{64} = \frac{11}{11}$$

$$P_{1} = \frac{10}{11} = \frac{10}{11$$

 $P_{1} = \frac{100}{12} = \frac{9495.1332}{(52.99)2} = \frac{1.38001}{12}$ $P_{2} = \frac{100}{12} = \frac{1.38001}{12}$ $P_{3} = \frac{1}{12} = \frac{1.38001}{12}$ $P_{4} = \frac{1}{12} = \frac{1.38001}{12}$

$$\frac{d_{N-6}}{d^{2}} \times \frac{1}{8} \times \frac{1}{8} \times \frac{1}{12} \times \frac{$$

$$Y = 06$$

$$Y = 06$$

$$S_{10} = \frac{06}{3}$$

$$S_{10} = \frac{3}{3}$$

$$S_{10} = \frac{$$

11=102 di-9 -) y= ordere En = 510; Ej = 7140 , Eny = 54500, Ent = 4150 Zy2 = 740000 = 1958400 1 byx = 10x x 54900 - 510 0 7140 10××4150-26010 (2) bry = 1958400 = 0.0798 24520000 $\mathcal{H} = \frac{50}{100} = \frac{50}{100} = \frac{70}{100} = \frac{700}{100} = \frac{700}{100} = \frac{700}{100}$ york (9-9) = byx (n-u May (n-12) = bmy (y-y) (y-20)=12 (N-T) (N-5) = 0.07 (y-20) y = 12x +10 x = 0.0791-0.23 y= 12m +10 J = 12xx+10 7 = 24 00

H100 N=8 K = ER - 320 - 40 J = Eg = 5000 = Get 150 1680 10800 1120 3960 GAVO 110 83600 GA00 760 60800 6400 20 5000 34-AM 25600 11.125 DIN = 1139200 = 11.R5 (y-g) = bmy (n-n) (7-621) = 11.121 (x-40) a) [y = 11.12Tx +180 y= 11.12Tx 60+80 4 = 847 to-11 your / rays y = 28x +5 | N = -0.54 +3 Mo, because by in the but dry is me.

(9-10) = 500 (9-3)

$$x - 475 = 1472 (9-357)$$
 $x = 1472 (9-357)$
 $y = 16.107 (8-10)$
 $y = 16.107$

$$P(x=4) = G_{C4} (0.27)^{4} (0.27)^{2}$$

$$= \frac{G_{C4}}{4} (0.27)^{4} (0.27)^{2}$$

$$= \frac{G_{C4}}{4} (0.27)^{4} (0.27)^{2}$$

$$= \frac{G_{C4}}{4} (0.27)^{4} (0.27)^{2}$$

$$= \frac{G_{C4}}{4} (0.27)^{6} (0.27)^{6}$$

$$= \frac{G_{C4}}{4}$$

111en = 1 = 100 = 3 cas b(x>2) = 1- b(x = 2) = 1 - (p(0) + CPC) + P(1) + P(4) + P(5)) P(x55) = 0.049 + 0.149 + 0.554 + 0.169 + DCN21 = 1-0-01 = 0.081 Om b(N=K) = Yre-K woon = upcy) = 5 PCNOTS = 1-1 ENETS = 1 - [p(0) + p(1) + p(1) + p(1) + p(1)) P(N)5) = 1- (P(0) --- P(1) p(L) ~ 52, e2 =0004 p(4) = 53. e5 = 0.140 = 0.3857 p(uss) = 0:3857 p(r) = 55.e5 = 0.12+ S! Have rehile shoulde perovided by consil.

21 No 749, n=6, Asts p = prob. of ever on 1 pole = 40 n = 10; 1=nb A = 1001 = 0.67 PD = p(x=r) = e-1.1 P(r=0) = e-0.67 = 0.511 Dr mand = Ethini 1=300=07 0 124 0 p(r) = e110 = e0 1/0 mgo mgo TRumbel buyung = M. P(r) = M& E/Ar 1 = 400 x = 0 1 x 0. H = 188.94 x (0. 7) => 180.94 a (0.8T)° = 180.94 +12.681 = HET 141.10+57.13+13.21 8=1 = 18894 a corr) = 141,20 L=5 - 180-34 × (0.12) - 22:13 1=7 = 1800.30 (0.201) = 13<9 = 100-24 x (0. H)4 = 2.410

b = getting 2013 = 2 - 1. 9 = not getty 2083 = 4 = 2. b(H=2) - Us pron-2 P(x>3) = P(3) + P(4)+ P(5)+ P(6) = 65 × (43)(2/1) + 6C4 (45)(2/3) - 65 (4)(4) -1 6C6 (1/3) (4s) = (3) (20 ×8+5 ×4+6×2+1) = 233 x729 = 233 OV And 1 = 20; En = 300; En = 5000; mediam = 015 Man = 2 = 300 = 15 sterile Out of Syllobus

Economy Intelligence and I Bed Rice | 85 | 75 | 160 Poor 165 175 340 Que (1600200000 (1600200) ~300 Pour (340000)1000 (340 deroyoro X2 = \(\left(\arg \in \right) \cdot = \frac{27}{30} + \frac{27}{170} + \frac{27}{170} = \frac{0.919L}{170} = \frac{0.919L}{170} defend fundam = (200-1) x (01-1) (0-1) x (2-1) The cooking value for a ch- square dishibition with layrest Justom at 0.05 Symptome land is 3.841. 1004 P = 1/L n=5. 9 = 1/2 (0, E) / E 01 (0:-81) P(x=0). 5(0881 xN 18 10 6.4 64 56 \$50 0.12 36 P(4=1) = 50 110 100 150 D(1122) =100 1.44 100 144 P(u= 1) = 10 100 0.4 P(n=4) =50 P(u=5) =10 11.96 300 340 of = 11.96 dy 4 - 6-1 -

X Coleman > X house No we sujet to bisonis fung. 15KT TOKO = 62:4:34 Total = doo tomus -Encepted amount Nocl = 62 x 200 = 12+ torms m . you xx co = of toms. oth = 34 x 200 = 68 ton. Y = 136 + 4 + 16 = 1.025 deferred fundon = 3-1=2 I colubred < y thousand. No, the data is acultuly.