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Cholis Has
                                                                                                                                                                                                STAT 405-00
                                                                                                                                                                                               30 April Zel
      10.67A)Ho. M=280, H. M>280, x=0.01 n=10, 7=358, s=54
            = 27 = 328-520 = 18710 = 13710 × H 2
                                                                                                             use a +-test with 10-1=
                                                                                                                                                       4.5677 >
                                                                                x=001 leng.
                                                                                                                                                                                                  P=0.00068
     10.678) 7- +0.019 (20) = 358-(2.821) (100) = 358-15235810 × 309.8 calories
     10.86)Ho: 02=100, Ho: 02>100, x=0.01
                                                                                                                                                                            0=10,5=12,5=144
    We can enderet a X2-test for population various with 20-1

x2-(n-1)52 (20-1)(140) = (19)(140) = 27.36 < 36.19
                                                                                                                                                   27.36<36.1908= X a.o., 19
                                        reject Flo
                                                                       at the x=0.01 level
                                                                                                                                                                                             D = 0.09654
                                                                        that the new test has
                                                                                                                                                                                  75 = 0.041
                                                                                                                                                            13=10
  10.TOA) Ho: MJ = MM, HA: MJ > MM, X=0.05
  Decourse N= 10>30 and N=13>30, we shall use a

1-31-90-0 = 0.041-0.026-0 = 2.665

1-32-52 = 10.0172+0.0062 = 2.665
                                                                                                                                                    2,665 > 1.72 = +0.05,21
                                                                                                                                                                                               p=0.00724
                                                  there is sufficient
                                                                                                                   evidence that the
   mean DUI is higher in juvenily than in nestlings.
 0,888 < 1.72 = to,05, 21
                                                                                                                                to at
  the x=0.05 level
                                                                                                 insufficient aviolence
 That the mean DDT in juveniles is more than a of greater the
10.87 H_0: \sigma_1^2 = \sigma_2^2 H_0: \sigma_1^2 > \sigma_{N_0}^2 x = 0.05 = 5=0.000289 S_N^2 = 0.00036 F = \frac{S_1^2}{35} = \frac{(0.000289)}{(0.000036)} = \frac{289}{36} = 8.027 = \frac{10.000289}{36} = \frac{10.000289}{3
                                                                                                                                           8.028>2.796=
We can conduct a greaterlial Fatest for equality of two variances
Many-1=10-1=9 and 1/N-1=13-1=12
                                                        the x=0.05 level
The veri once in DT in jeveniles is greater than the veriouse in DDT in nestlings.
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