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设y_i = \alpha + \beta x_i + \epsilon_i。 \epsilon_i相互独立且均服从分布N(0, \epsilon^2)。
                       1、写出经验回归直线方程
                       2、计算剩余方差产
                        3.) 在显著性水平 α=0.05 下检验假设 H。: β=0
                              上、(8分)设总体X与Y相互独立, X~N(µ, 6²), Y~N(µ, 6²), 分别抽取容量为 n, 和 n2的样本:
                       X_1, X_2, \cdots, X_m , Y_1, Y_2, \cdots, Y_m . 检验假设H_n : \mu_1 \leqslant 2 \mu_2 ; H_1 : \mu_1 > 2 \mu_2 ,试构造假设检验的拒绝域。
                        已知一些分布的下分位数点:
                                                                                                                                        Φ (1.25)=0.8944
                                   Φ (1)=0.8413
                                                                                      Ф (1,2)=0.8849
                                                                                                                                       Ф (1.96)=0.9750
                                                                                     Ф (1.64)=0.95
                                  Φ (1.3)=0.9032
                                                                                                                                        \chi^{2}_{0.05}(9) = 3.325
                                                                                   \chi^2_{0.025}(10) = 3.247
                                    \chi^2_{0.025}(9) = 2.7
                                                                                                                                         \chi^2_{0.95}(5) = 11.071
                                                                                      \chi^2_{4,3}(4) = 9.448
                                    \chi^2_{\text{pos}}(10) = 3.94
                                     \chi^2_{6,975}(4) = 11.143
                                                                                      \chi^{2}_{9.975}(5) = 12.833
                                                                                        Fo.575(3,16)=4.08
                                                                                                                                           Fass(2,15)=3.68
                                    Foss(3,16)=3.24
                                     F0.975(2,15)=4.77
                                                                                         Faiss(1,4)=7.71
                                                                                         L_{XX} = \frac{1}{2}(X_2 - \overline{X})^2 = \frac{1}{2}37.5 \overline{y} = \frac{1}{2}32 = 9.487
六:解沙西亚知:文二十篇以二17年
           Ly = & (24-7) = 14618 = 2492 = 10762 Lay = 27492 - 1759 = 80.065
                                                                                    => \( \hat{a} = \bar{y} - \bar{\alpha} \langle \langle \gamma_1 \gamma_2 \gamma_1 \gamma_1 \gamma_2 \gamma_1 \gamma_2 \gamma_1 \gamma_2 \gamma_1 \gamma_2 \gamma_1 \g
                                                                                                   $ = hoy/com = 0.183.
           to A = 6.2846+ 0.1835
           9. Up = $ - Lax = $ - Lay = 14,652
                                                                                                                                   Qe = 23y - Up = 0.0 21
          七:解:告于一明:全义= 当以、下=益年、则: 义~ NUU, 元
         IF~N(24, 452) × X5/3912. → X-2FNN(4-2/12, 52+602
         磁路假设 Hi: 从 5211 ; Hi: 从 >21/2.
                                                                                                                                               明结片夏季: 至三 X-2
                  2p: H: 4-24250 / H: 14-2050
                                  明4.品和多种意义是到
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