9. 战体是常态分配、母体标准差6五岁估计为. $(1) S = \int \frac{5}{5} (x_1 - \bar{x})^2 - \int \frac{5}{5} x_1^2 - n\bar{x}^2$ $= \int \frac{1244 - 6x1433^2}{5} = \int \frac{1038}{5} = 322$ 64点估计为3.72 (2) i-a=0.9 = 0.9 = 0.9 N-1=5 X= (n-1) = x205(3)=11.07 X1-3 (n-1)= X2045(5)=1.15 6之90%信载区间为 $\left(\frac{1}{5 \times 10.38} \right) = \left(\frac{51.9}{11.07} \right) = (2.17, 6.72)$

```
20.(1) : 612 + 62
           V= (9.272 + 21.52)2 -1096 ×11
       M1-M2至95% 传畅区间为
    (x-y) = t = (v) \ \frac{5}{h} + \frac{5}{h} = (7.67-6.7) \pm t \ \ao21(1) \ \frac{9.27}{9} + \frac{21.07}{9}
                                                                                                                                                                                               3089± 2.201 X77
                                                                                                                                                                                              30.89± 1695
         BP (-1606.17.84)
    (2) 1- 2-09 Y2 (1,-1)= X2005 (8)= 15.51
         Y1-3 (n,-1)= X209 (8)=2.73.
              6、五分人信事及同为
                  \left(\begin{array}{c|c} 8 \times 9.27^{2} & 8 \times 9.27^{2} \\ \chi^{2} \circ 9(8) & \chi^{2} \circ 9(8) \end{array}\right) - \left(\begin{array}{c|c} 687.46 \\ \hline 13.51 & 2.73 \end{array}\right)
                                                                                                                                                                                                                         = (6.66,15.87)
(3) 1-2-09 F= (n-1) - Faos(8,8)=344.
    F1-3(n-1, n,-1)= Fag(8.8)= - fo.05(88) = 0.29
62 1 90% イ音楽を何め
    \frac{\left(\frac{S_{1}^{2}}{S^{2}}\right)}{\left(\frac{S_{2}^{2}}{S^{2}}\right)} = \frac{\left(\frac{9.27^{2}}{5.2}\right)}{\left(\frac{9.27^{2}}{5.2}\right)} = \frac{\left(\frac{9.27^{2}}{21.15^{2}}\right)}{\left(\frac{9.27^{2}}{21.15^{2}}\right)} = \frac{\left(\frac{9.27^{2}}{21.15^
                                                                                                                                                                                                                                                                                           = (206,0.66) 229)
```