Week 6 ANNON NIZ 14 th th

(1)
$$S = \int \frac{\sum_{i=1}^{n} (X_i - \overline{X})^2}{n-1} = \int \frac{\sum_{i$$

(3)
$$\left(\frac{S_1^2}{S_2^2} \times \frac{1}{F_{\frac{1}{2}}(n_1-1,n_2-1)}, \frac{S_1^2}{S_2^2} \times \frac{1}{1-F_{\frac{1}{2}}(n_1-1,n_2-1)}\right)$$

$$=\left(\frac{9.20^{2}}{21.15^{2}}\times\frac{1}{4.44}\right)^{\frac{9.20^{2}}{21.15^{2}}}\times\frac{1}{\frac{1}{3.44}}=\left(0.06,0.66\right).$$