

LaTeX Practice

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1)

| | \bar{x} | $\hat{\sigma}$ | n |
|-------|-----------|----------------|-----|
| S_1 | 6.5 | 1.3 | 17 |
| S_2 | 12.2 | 1.4 | 25 |

2) As shown in Figure 1, the 82nd percentile of the normal distribution is above the mean. Is this true for every distribution?

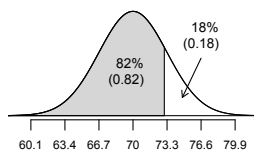


Figure 1: The 82nd percentile of the normal plot.

3)

$$\sum_{i=0}^n p^i = \frac{1 - p^{n+1}}{1 - p}$$