Basic of statistics

Statistics Taro

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Variance

$$s^2 = \frac{1}{n} \sum_{i=1}^{n} (x_i - \overline{x})^2$$

normal distribution

$$f(x) = \frac{1}{\sqrt{2\pi\sigma^2}} e^{\frac{-(x-\mu)^2}{2\sigma^2}}$$