

$$\frac{1}{n} \sum_{i=1}^n x_i \quad - \text{mean}$$

$$\frac{1}{n-1} \sum_{i=1}^n (x_i - \bar{x})^2 \quad - \text{Sample variance}$$

vs.

$$\frac{1}{n-1} \sum_{i=1}^n x_i^2 - \frac{1}{n} \left(\sum_{i=1}^n x_i \right)^2$$