Formulaire : Examen 1
STT1700

1 $s_x^2 = \dfrac{\sum_{i=1}^{n}(x_i - \overline{x})^2}{n-1}.$

2 $r = \dfrac{\sum_{i=1}^{n}(x_i - \overline{x})(y_i - \overline{y})}{\sqrt{\sum_{i=1}^{n}(x_i - \overline{x})^2 \sum_{i=1}^{n}(y_i - \overline{y})^2}}$

3 $b = \dfrac{\sum_{i=1}^{n}(x_i - \overline{x})(y_i - \overline{y})}{\sum_{i=1}^{n}(x_i - \overline{x})^2}$ et $a = \overline{y} - b\overline{x}$