Temperature (°C) in 2003

expression(paste("Temperature (", degree, "C) in 2003"))

$$\overline{\mathbf{x}} = \sum_{i=1}^{n} \frac{\mathbf{x}_i}{\mathbf{n}}$$

expression(bar(x) == sum(frac(x[i], n), i==1, n))

$$\hat{\boldsymbol{\beta}} = (\mathbf{X}^{\mathsf{t}}\mathbf{X})^{-1}\mathbf{X}^{\mathsf{t}}\mathbf{y}$$

expression(hat(beta) == $(X^t * X)^{-1} * X^t * y$)

$$z_i = \sqrt{x_i^2 + y_i^2}$$

$$expression(z[i] == sqrt(x[i]^2 + y[i]^2))$$