

$$X^T y = \begin{bmatrix} 11 & \dots & 1 \\ 176.177 & \dots & 184 \end{bmatrix} \begin{bmatrix} 4952 \\ 891393 \end{bmatrix}$$

$$X^T y = \begin{bmatrix} y_{\cdot} \\ (xy)_{\cdot} \end{bmatrix} \quad \text{with } y_{\cdot} = \sum_{i=1}^{N=10} y_i$$

$$(xy)_{\cdot} = \sum_{i=1}^{N=10} x_i \cdot y_i$$

Fix Linear Effect Models

- Generalisation of Regression Models
- Allow to include "Factors" into the model
- Factors are discrete valued variable used as predictors (in contrast to real-valued predictors in regression)

□ Reg:

BW y

floating point numbers

