

Transformation method

- Box-Cox transformation*

$$\lambda = -0.4$$

$$y_i^{(\lambda)} = \begin{cases} \frac{y_i^\lambda - 1}{\lambda} & \text{if } \lambda \neq 0, \\ \ln(y_i) & \text{if } \lambda = 0. \end{cases}$$

- Box-Cox transformation

$$\lambda = -0.5$$

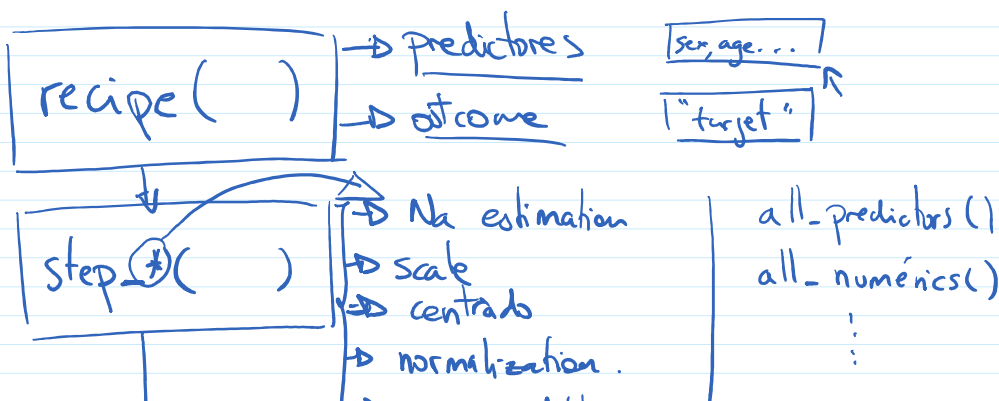
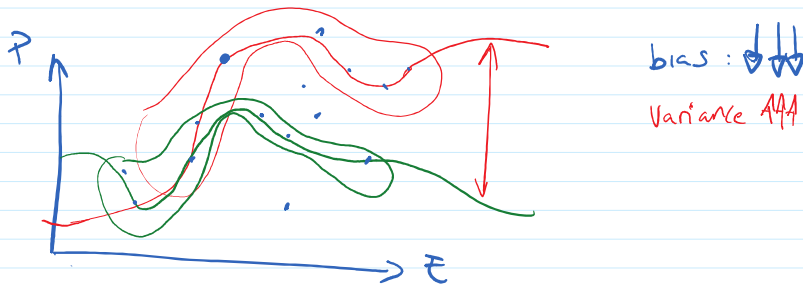
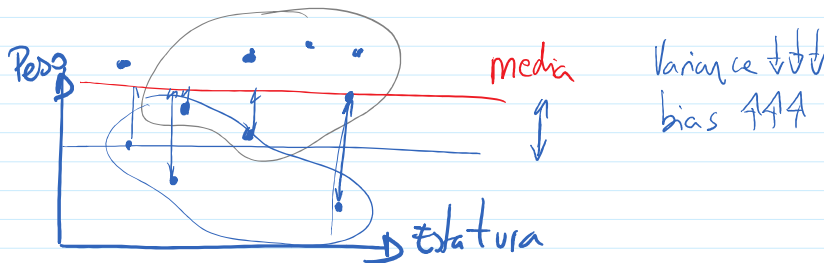
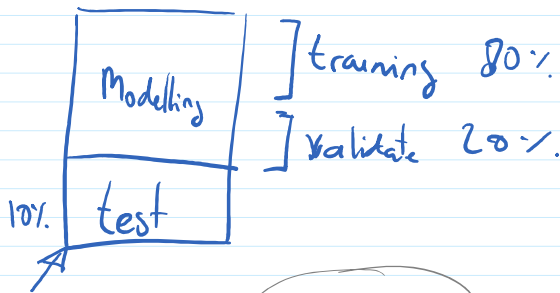
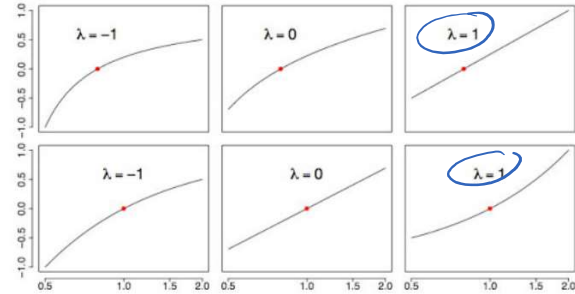
- Box-Cox transformation

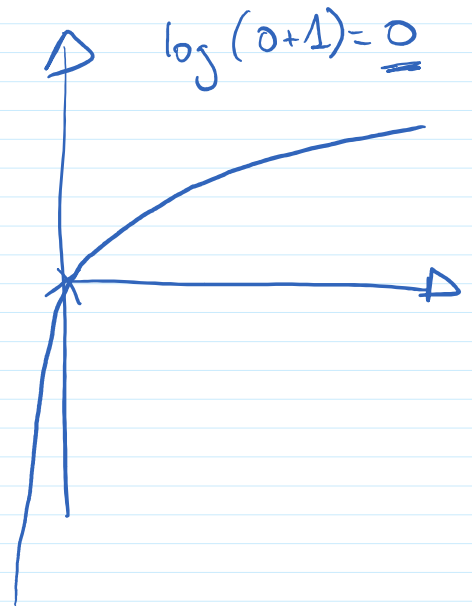
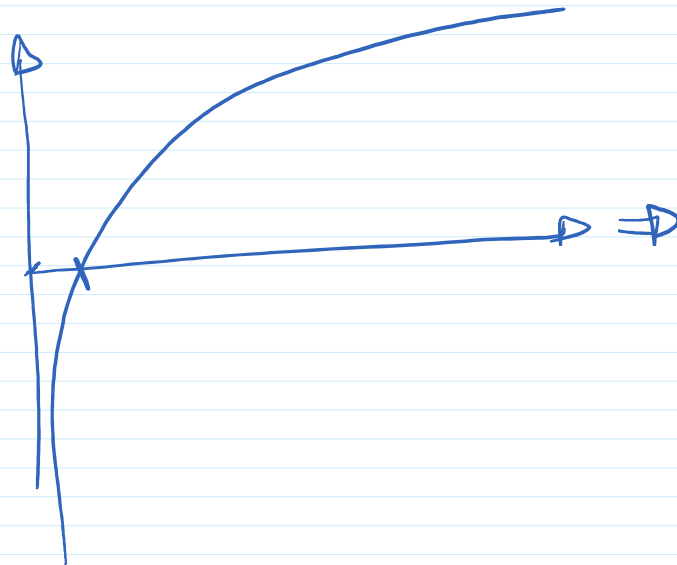
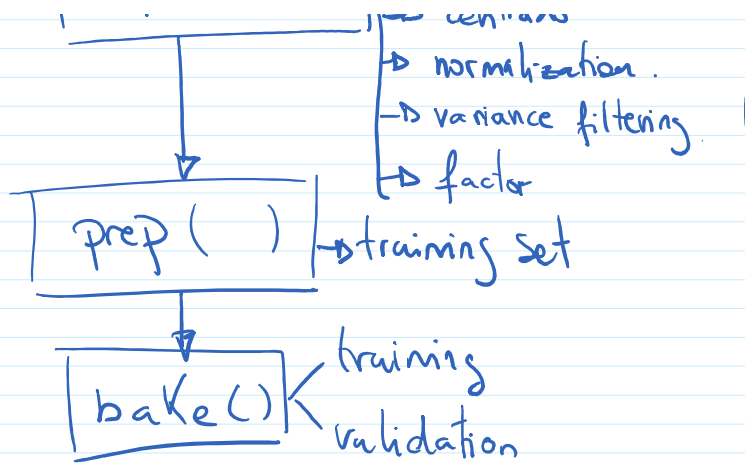
$$\lambda = -1$$

- Box-Cox transformation

$$\lambda = -1$$

- No transformation



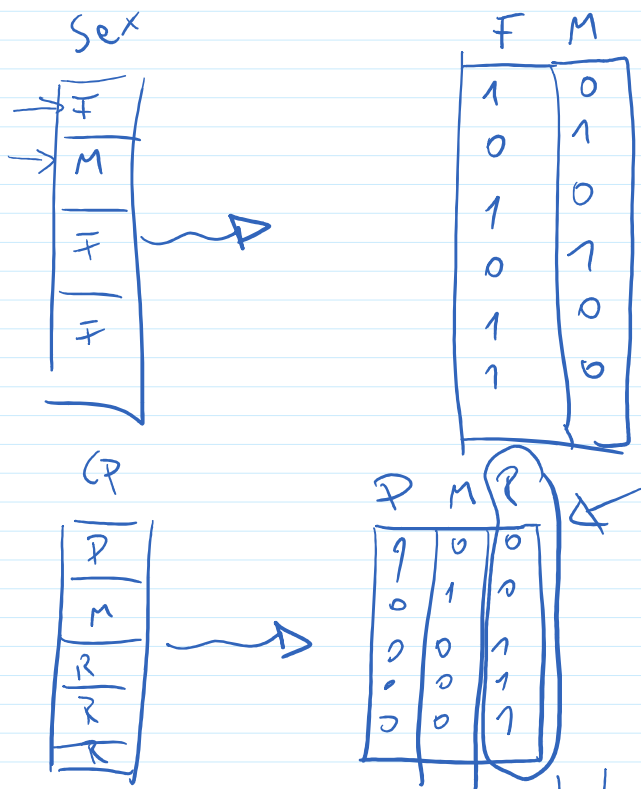
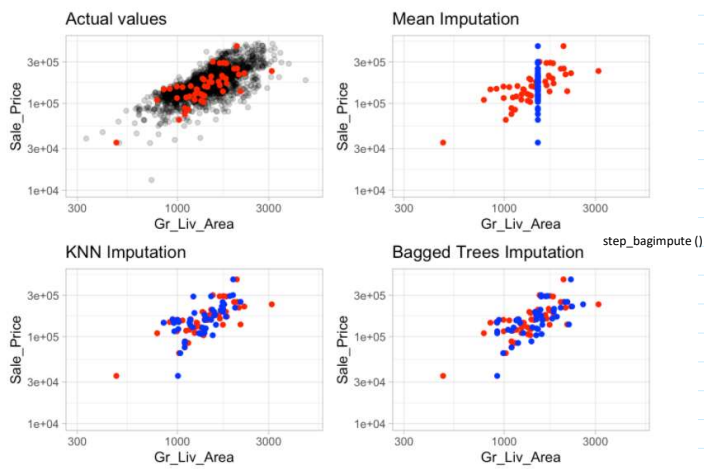
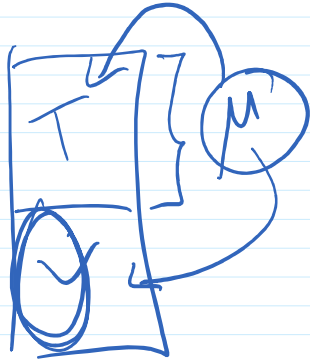


$$y_i^{(\lambda)} = \begin{cases} \frac{y_i^\lambda - 1}{\lambda} & \text{if } \lambda \neq 0 \\ \log(y_i) & \lambda = 0 \end{cases} \quad \lambda \in [-5, 5]$$

age	Sex	CP	CA	thal	perso	altru.	
					x	NA	1/7
					x	NA	1/7
					x	x	
					x	NA	1/7

KNN
 decision tree 1/7
 media / moda

media/moda
decision tree 1'7



hot-encoding
one-hot=T