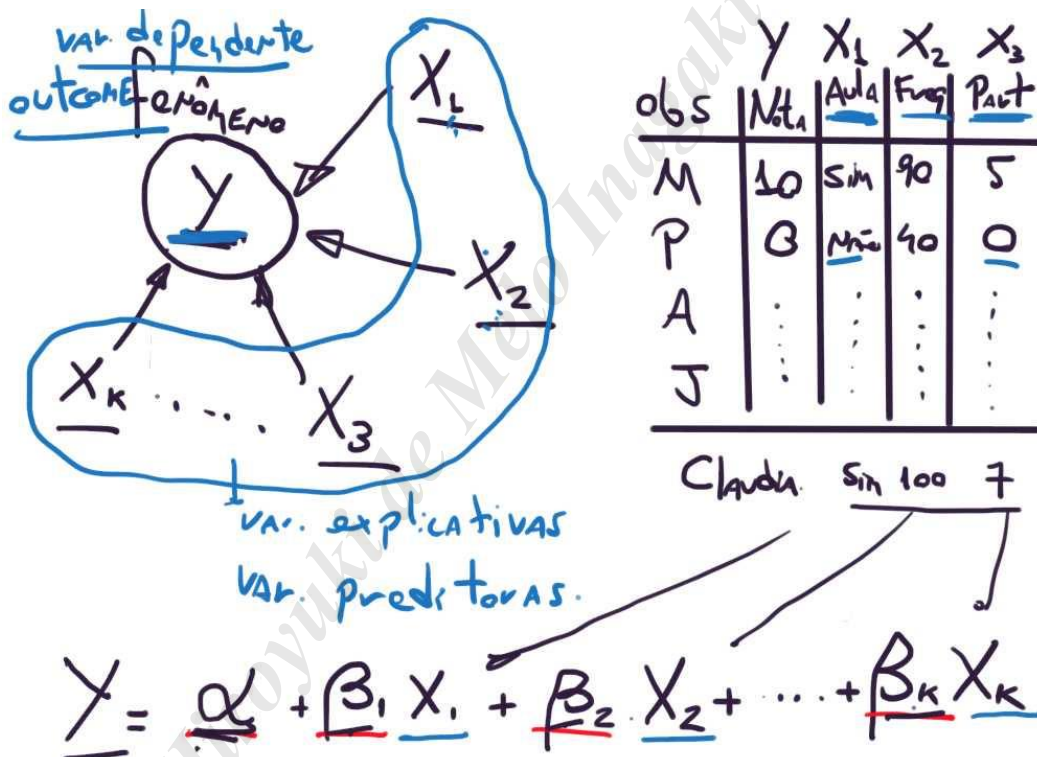


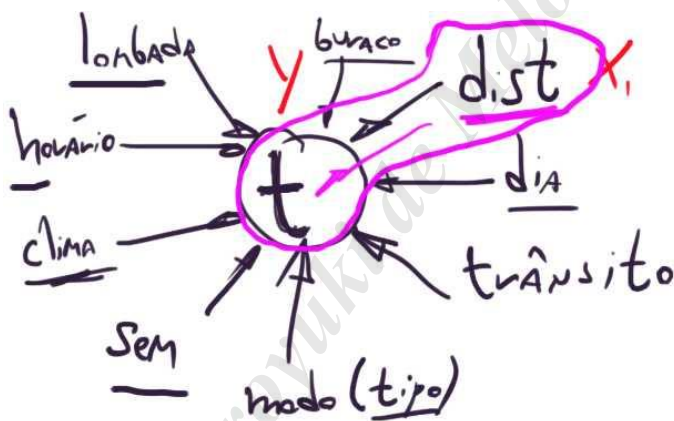
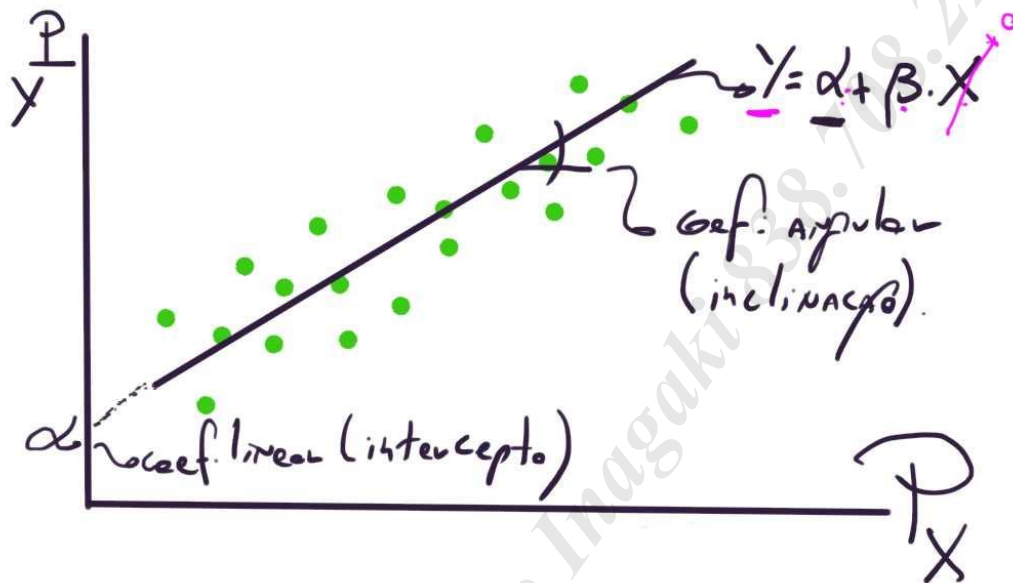
Prof. Luiz Paulo Lopes Fávero

SUGESTÃO DE LEITURA Pós-aula:

- Messerli, F.H. 2012. **Chocolate Consumption, Cognitive Function, and Nobel Laureates.** [Link](#)
 - Para acesso, o aluno deverá fazer um cadastro.
- Nelder, J.A.; Wedderburn, R.W.M. 1972. **Generalized Linear Models.** [Link](#)
 - Para acesso, o aluno deverá fazer um cadastro.

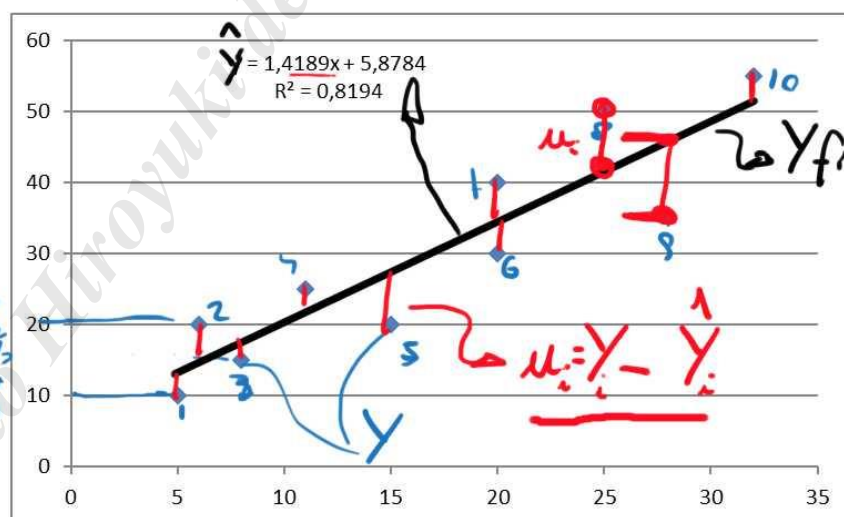
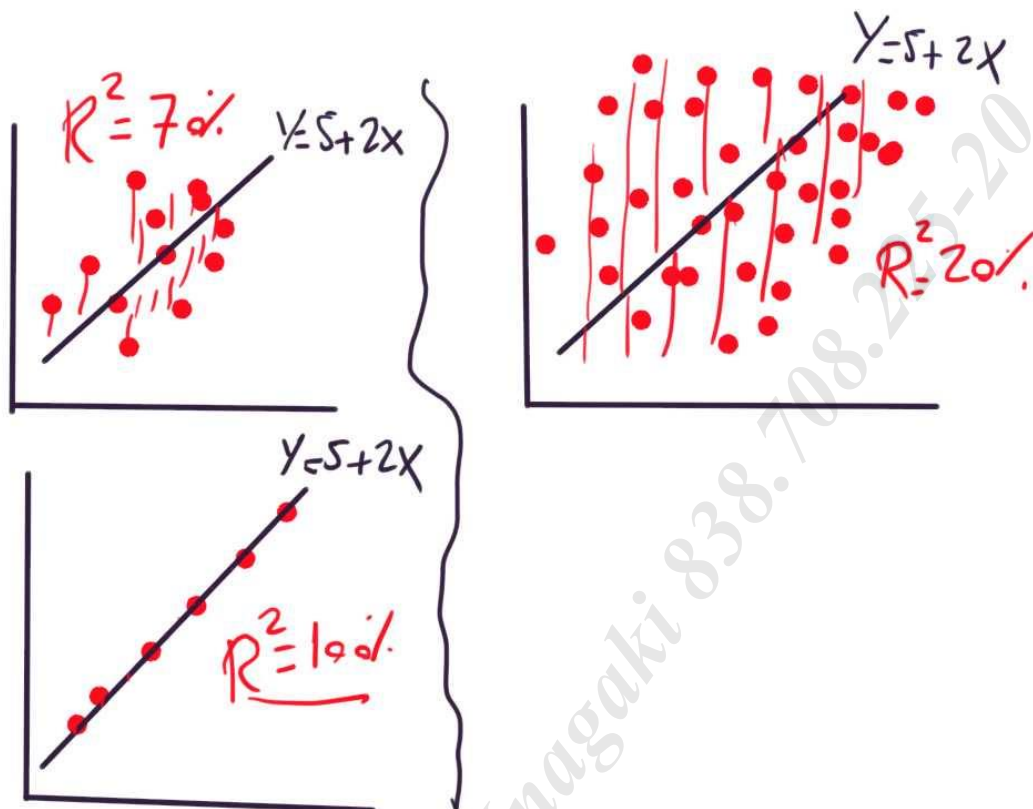
Prints 31/01/2023:



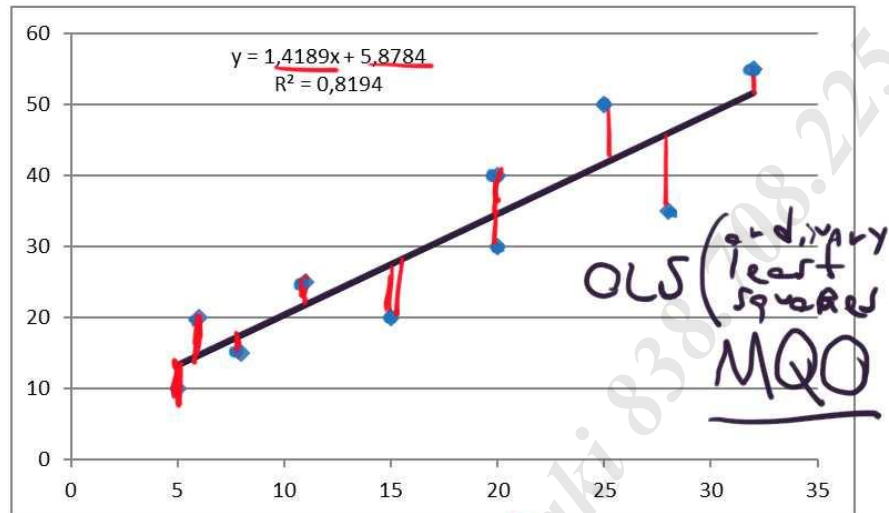
Regressões - Francis Galton

$$t_i = \alpha + \beta \times dist_i + \mu_i \quad \left. \begin{array}{l} \mu_i = \\ t_i - \hat{t}_i \end{array} \right\}$$

$$\hat{t}_i = 5,87 + 1,42 \cdot dist_i$$

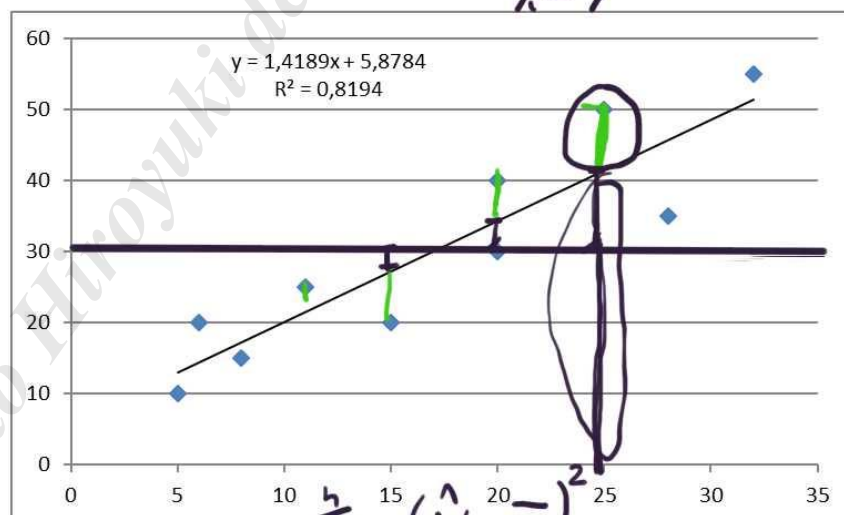


$$\textcircled{I} \sum_{i=1}^n \mu_i = 0$$



$$\textcircled{II} \sum_{i=1}^n \mu_i^2 = \text{MIN}$$

$$\mu_i = y_i - \hat{y}_i$$



$$R^2 = \frac{\sum_{i=1}^n (\hat{y}_i - \bar{y})^2}{\sum_{i=1}^n (\hat{y}_i - \bar{y})^2 + \sum_{i=1}^n (\mu_i)^2}$$

