

Statistical Learning with Math and Python

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The modification will be made in <https://github.com/prof-joe>

Chap. 1

1. P5 Fig. 1.1: x should be at the axis (Right Figure)
2. P9 Second Cell: Remove `/(np.dot(X[:,j],X[:,j])/n)`

Chap. 2

1. P49 Equation:

$$\begin{aligned} & -2 \sum_{i:y_i=1} \log(1 + \exp\{-(\hat{\beta}_0 + x_i \hat{\beta})\}) - 2 \sum_{i:y_i=-1} \log(1 + \exp\{\hat{\beta}_0 + x_i \hat{\beta}\}) \\ \rightarrow & \quad 2 \sum_{i:y_i=1} \log(1 + \exp\{-(\hat{\beta}_0 + x_i \hat{\beta})\}) + 2 \sum_{i:y_i=-1} \log(1 + \exp\{\hat{\beta}_0 + x_i \hat{\beta}\}) \end{aligned}$$

2. Proposition 1 (P50, 66): $\pi_{k,i} := \rightarrow \pi_{i,k} :=$