

Just in case that you are not used to the notations given in assignment, discussion questions, or test, for each model, please refer to the following examples:

$$y_j = \beta_0 + \beta_1 x_{1j} + \beta_2 x_{2j} + \varepsilon_j \quad , \quad j = 1, \dots, n$$

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$$y_j = \gamma_0 + \gamma_1 (x_{1j} - \bar{x}_1) + \gamma_2 (x_{2j} - \bar{x}_2) + \eta_j \quad , \quad j = 1, \dots, n$$