$$y_1 = \mu + A + \epsilon_1$$

$$y_2 = \mu + A + \epsilon_2$$

$$y_3 = \mu + A + \epsilon_3$$

$$y_4 = \mu + B + \epsilon_4$$

$$y_5 = \mu + B + \epsilon_5$$

$$y_6 = \mu + C + \epsilon_6$$

$$y_7 = \mu + C + \epsilon_7$$

$$y_8 = \mu + C + \epsilon_8$$