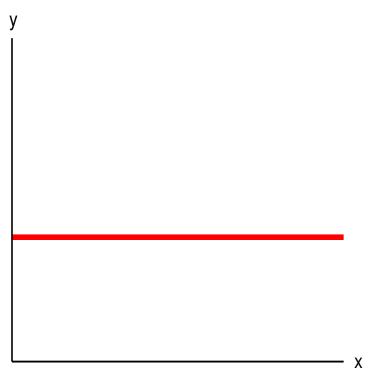
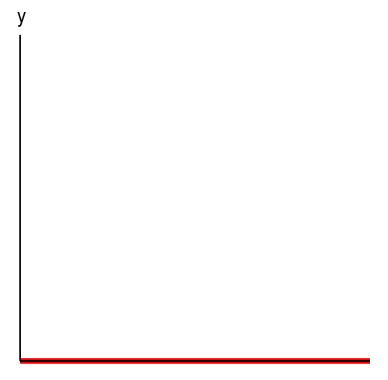


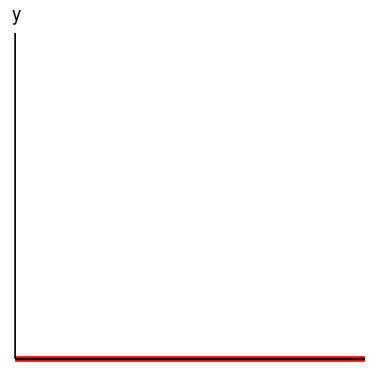
Determine a linear model whose expected values fit the following graph:



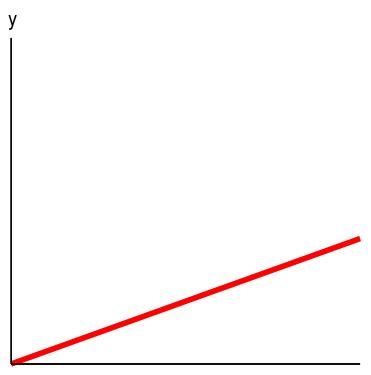
$$y_i = \mu + e_i$$



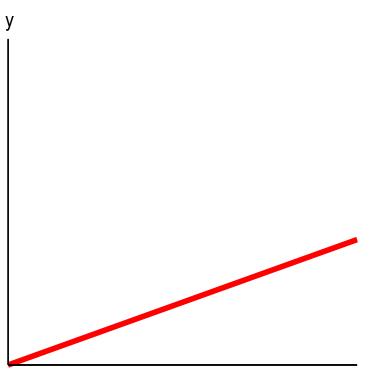
Determine a linear model whose expected values fit the following graph:



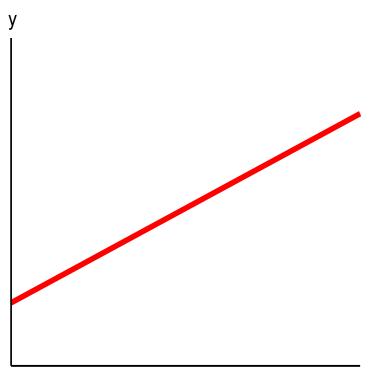
$$y_i = e_i$$



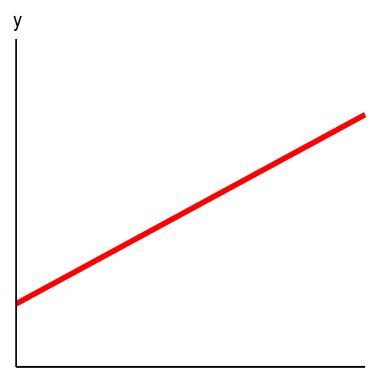
Determine a linear model whose expected values fit the following graph:



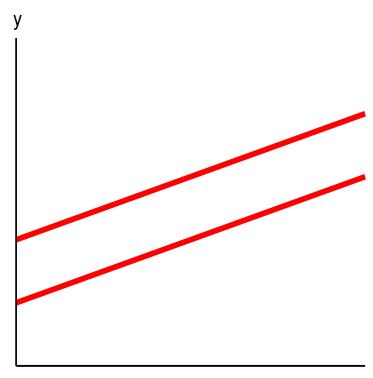
$$y_i = \beta_1 X_i + e_i$$



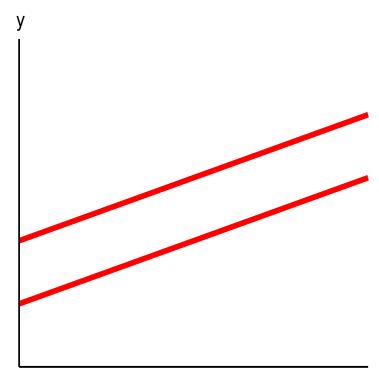
Determine a linear model whose expected values fit the following graph:



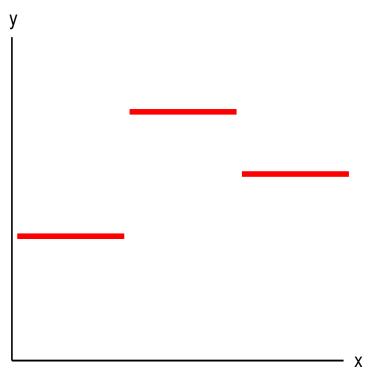
$$y_i = \beta_0 + \beta_1 X_i + e_i$$



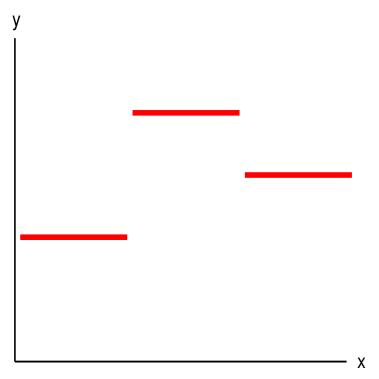
Determine a linear model whose expected values fit the following graph:



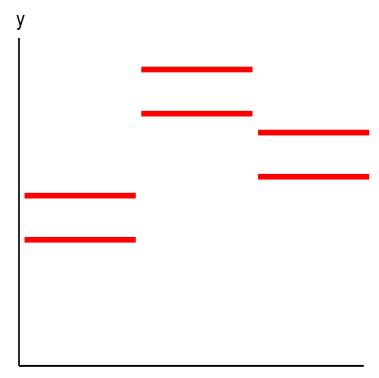
$$y_i = \mu + \alpha_1 X_{i1} + \alpha_2 X_{i2} + \beta_1 X_i + e_i$$



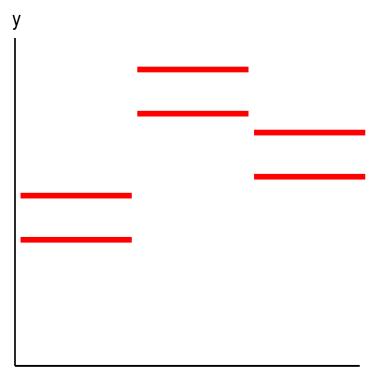
Determine a linear model whose expected values fit the following graph:



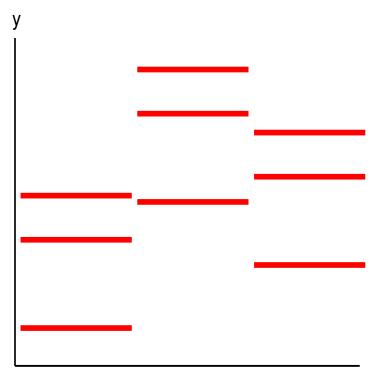
$$y_i = \mu + \alpha_1 X_{i1} + \alpha_2 X_{i2} + \alpha_3 X_{i3} + e_i$$



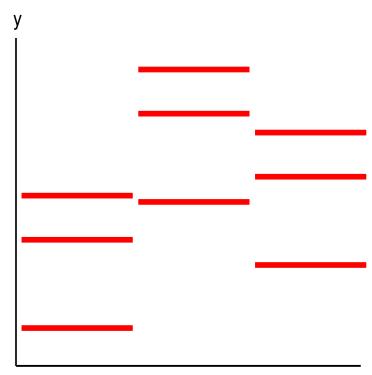
Determine a linear model whose expected values fit the following graph:



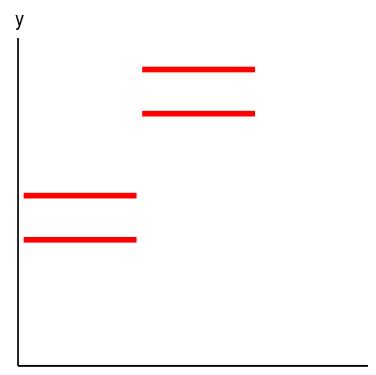
$$y_i = \mu + \alpha_1 X_{i1} + \alpha_2 X_{i2} + \alpha_3 X_{i3} + \beta_1 X_{i4} + \beta_2 X_{i5} + e_i$$



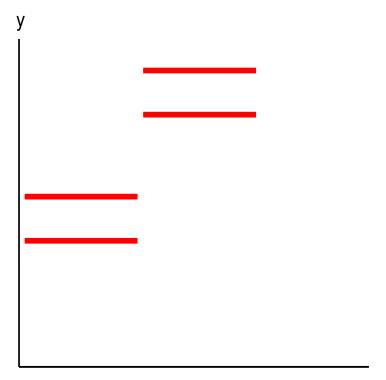
Determine a linear model whose expected values fit the following graph:



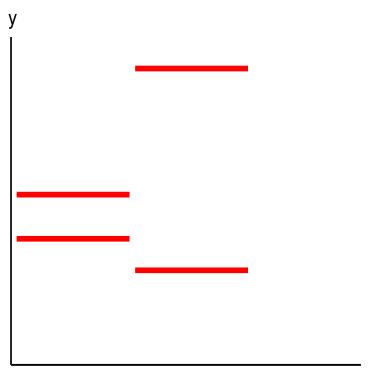
$$y_i = \mu + \alpha_1 X_{i1} + \alpha_2 X_{i2} + \alpha_3 X_{i3} + \beta_1 X_{i4} + \beta_2 X_{i5} + \beta_3 X_{i6} + e_i$$



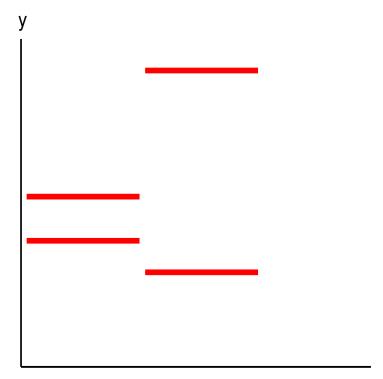
Determine a linear model whose expected values fit the following graph:



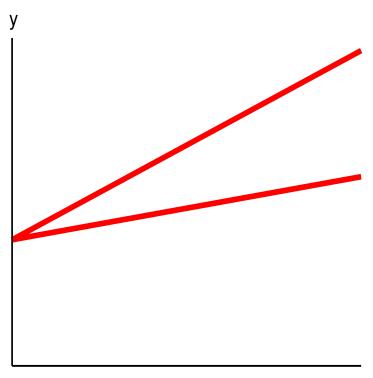
$$y_i = \mu + \alpha_1 X_{i1} + \alpha_2 X_{i2} + \beta_1 X_{i3} + \beta_2 X_{i4} + e_i$$



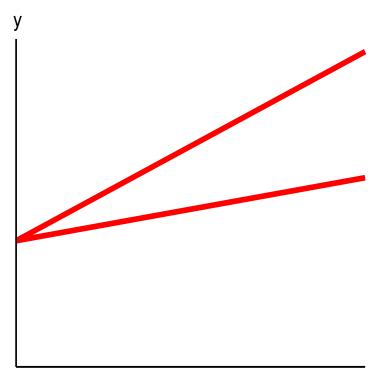
Determine a linear model whose expected values fit the following graph:



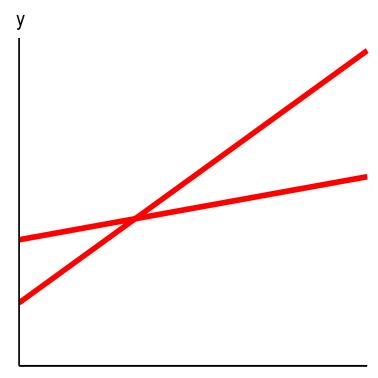
$$y_i = \mu + \alpha_1 X_{i1} + \alpha_2 X_{i2} + \beta_1 X_{i3} + \beta_2 X_{i4} + \gamma_{11} X_{i1} X_{i3} + \gamma_{21} X_{i1} X_{i4} + \gamma_{12} X_{i2} X_{i3} + \gamma_{22} X_{i2} X_{i4} + e_i$$



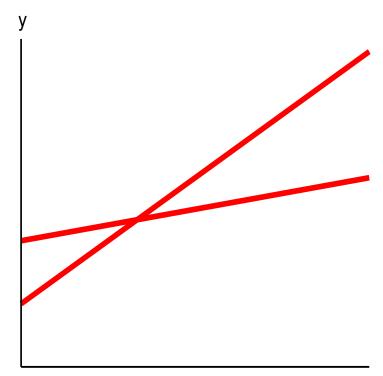
Determine a linear model whose expected values fit the following graph:



$$y_i = \beta_0 + \beta_{i1} X_{i1} X_i + \beta_{i2} X_{i2} X_i + e_i$$



Determine a linear model whose expected values fit the following graph:



$$y_i = \beta_{01}X_{i1} + \beta_{02}X_{i2} + \beta_{11}X_{i1}X_i + \beta_{12}X_{i2}X_i + e_i$$