

$$y_i = E(y_i/x_i) + \varepsilon_i$$

$$y_i = \beta_0 + \beta_1 x_i + \varepsilon_i$$

$$E(\varepsilon_i) = 0 \quad VAR(\varepsilon_i) = \sigma^2$$

$$\beta_0, \beta_1, x$$

$$\varepsilon_i$$

$$x_i$$

$$Cov(\varepsilon_i, \varepsilon_j) = 0 \quad si \ i \neq j$$

$$Cov(\varepsilon_i, x_i) = 0$$

$$\varepsilon_i \sim N(0, \sigma^2)$$