

$$AB^{2} = \sum (\gamma_{i} - \hat{\gamma}_{i})^{2} = \sum \xi^{2} - \xi_{s}$$

$$BC = \sum |\hat{\gamma}_{i} - \hat{\gamma}_{i}|^{2} = \xi_{s}$$

$$AB^{2} = \sum |\hat{\gamma}_{i}$$

$$y_i = \lambda + \beta \cdot 2i + \xi_i \qquad \xi_i \sim N(o_1 6^2)$$

$$y_i - \lambda + \beta \cdot 2i + \xi_i$$

$$\lambda \cdot \beta - OLS \quad estimators$$

1) 
$$\sqrt{2} = 0$$
  $\gamma_i = \sqrt{3}$   $\alpha_i + \alpha_i$ 

$$\frac{\lambda_i}{\lambda_i} = \sqrt{3}$$

$$\frac{\partial \mathcal{L}SS}{\partial \beta} = 0 = S \qquad \qquad \sum_{i=1}^{\infty} z_i z_i$$

$$V_{an}(\hat{\beta}) = \frac{l^2}{\sum_{i=1}^{2} - h_{x}^2}$$

$$Van(\tilde{\beta}) < Van(\hat{\beta})$$

