

$$\underbrace{\sum_{i=1}^n (Y_i - \bar{Y})^2}_{\substack{\text{Total Sum of} \\ \text{Squares} \\ \text{SST}}} = \underbrace{\sum_{i=1}^n (\hat{Y}_i - \bar{Y})^2}_{\substack{\text{Regression SS} \\ \text{SSR}}} + \underbrace{\sum_{i=1}^n e_i^2}_{\substack{\text{Error SS} \\ \text{SSE}}}$$