$$\mathcal{D} = \{D_i\}_{i=1}^P \quad D_i = (\mathbf{x}_i, y_i)$$

$$\boxed{D_1 \ D_2 \ D_3 \ D_4 \ D_5 \ D_6 \ D_7 \ D_8 \ D_9 \ D_{10} D_{11} D_{12} D_{13} D_{14} D_{15} D_{16} D_{17} D_{18} D_{19} D_{20}}$$

$$\text{Training Set} \qquad \qquad \text{Test Set}$$

$$10\text{-fold cross-validation}$$

 $E_g =$ 2.3