

$$\text{MSE} = \left( \left( \frac{1}{N} \right) \sum |t_i - o_i|^2 \right)$$

$$\text{MAPE} = \left( \frac{1}{N} \sum_i \left| \frac{t_i - o_i}{t_i} \right| \times 100 \right)$$

$$R = 1 - \left( \frac{\sum_i (t_i - o_i)^2}{\sum_i (o_i)^2} \right)$$