

$$\text{Precision}_{\text{Macro-average}} = \frac{\text{Precision}_{\text{Class A}} + \text{Precision}_{\text{Class B}} + \dots + \text{Precision}_{\text{Class N}}}{N}$$

$$\text{Recall}_{\text{Macro-average}} = \frac{\text{Recall}_{\text{Class A}} + \text{Recall}_{\text{Class B}} + \dots + \text{Recall}_{\text{Class N}}}{N}$$

