

$$\text{Recall} = \frac{\boxed{T_r \cap T_e}}{\boxed{T_e}}$$

$$\text{Precision} = \frac{\boxed{T_r \cap T_e}}{\boxed{M_r}}$$

$$\text{IoU} = \frac{\boxed{T_r \cap T_e}}{\boxed{T_e} + \boxed{M_r} - \boxed{T_r \cap T_e}}$$