

	predicted	
Actual	positive	negative
positive	50	10
negative	20	70

$$1. \text{정확도} (TP+TN) / (230)$$

$$= 50+70 / 130$$

$$= 0.8$$

$$2. \text{정밀도} (TP) / (TP+FP)$$

$$= 50 / 50+10$$

$$= 0.8330$$

$$3. \text{재현율} (TN) / (FP+TN)$$

$$= 70 / 20+70$$

$$= 0.778$$

$$4. \text{정밀도} (TP) / (TP+FP)$$

$$= 50 / 20+70$$

$$= 0.714$$

$$5. F1 (2 \cdot \text{Precision} \cdot \text{recall}) / (\text{Precision} + \text{recall})$$

$$= 2 \cdot 0.714 \cdot 0.833 / 0.714 + 0.833$$

$$= 0.78$$