

16

$$\text{precision} = \frac{80}{80+30} = \frac{8}{12} = 0,75$$

$$\text{recall} = 0,75$$

$$F_1 = 2 \frac{\text{precision} \cdot \text{recall}}{\text{precision} + \text{recall}}$$

$$F_1 = 2 \frac{0,75 \cdot 0,75}{1,5} = \frac{0,5625}{1,5} = 0,375$$