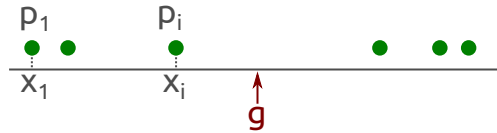


## General formula

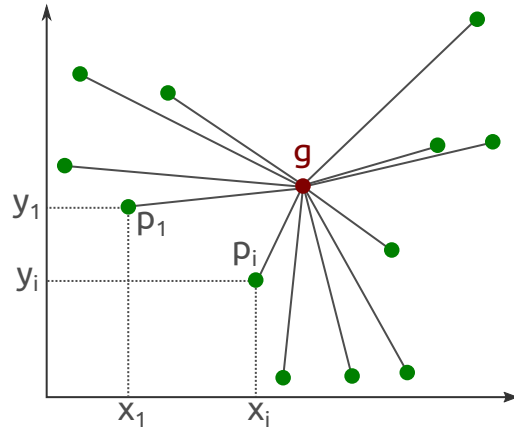
-> squared distances mean

$$I = \frac{1}{n} \sum_{i=1}^n d^2(p_i, g)$$



$$I = \frac{1}{n} \sum_{i=1}^n (x_i - x_g)^2$$

1D



$$I = \frac{1}{n} \sum_{i=1}^n [(x_i - x_g)^2 + (y_i - y_g)^2]$$

2D