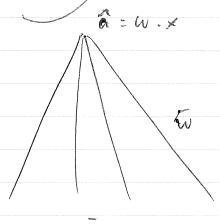
## LINEAR REGREGSION (X,y) exomple g = w.x W linear neuven 5 quare $(\hat{y} - y)^2 = (w \cdot x - y)^2$ e ir 6R

## LOGIISTIC REGRESSION



5 as transfer function

$$L(9,\tilde{y}) = y \ln \frac{y}{6(w \cdot x)} + (1-y) \ln \frac{1-y}{1-6(w \cdot x)}$$

when y binary:

$$L(0, \hat{g}) = -\ln (1 - \delta(w \cdot x))$$

"soft dossification because à la prabability