

optimising hyperparameters

score

θ_a : $f(\text{cat}, \theta_a) \rightarrow 1 = \text{"cat"}$ $f(\text{dog}, \theta_a) \rightarrow 1 = \text{"cat"}$ ✓ ✗

θ_b : $f(\text{cat}, \theta_b) \rightarrow 1 = \text{"cat"}$ $f(\text{dog}, \theta_b) \rightarrow 0 = \text{"dog"}$ ✓ ✓

θ_c : $f(\text{cat}, \theta_c) \rightarrow 0 = \text{"dog"}$ $f(\text{dog}, \theta_c) \rightarrow 0 = \text{"dog"}$ ✗ ✓

θ_d : $f(\text{cat}, \theta_d) \rightarrow 0 = \text{"dog"}$ $f(\text{dog}, \theta_d) \rightarrow 0 = \text{"cat"}$ ✗ ✗