

Notation

Indicator Function

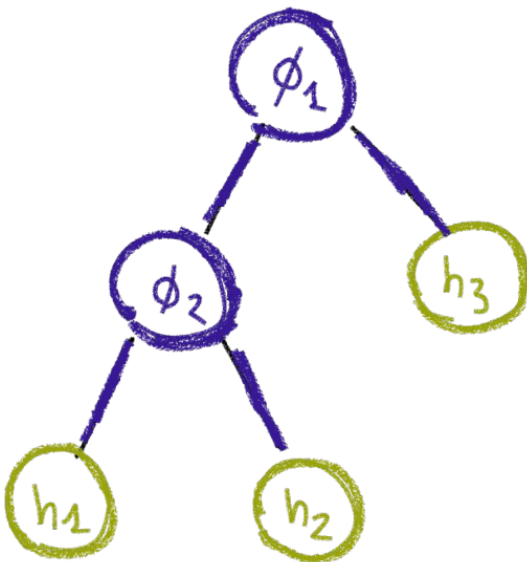
$1[x] = 1$ if x is true

$1[x] = 0$ if x is false

Vector Dot-Product

$$a \cdot b = \sum_{j=1}^m a_j b_j$$

Decision Trees



Node (ϕ_1 ,
Node (ϕ_2 ,
LEAF (h_1) ,
LEAF (h_2)
),
LEAF (h_3)
)