

## AdaBoost-Step By Step

n = 5

η-	- /			-1	1 0 /1 02000
×ı	X 2	У	Y-pred	weight $\alpha =$	$\frac{1}{2}\ln\left(\frac{1-evror}{exrov}\right)$
3	7	1	1	0.2 m1	
2	9	0		0.2 m1  0.2 m1  0.2 m2  0.2 m2  0.2 m2  0.2 m2  0.2 mscdassified points  1 = 1	γ=0· <b>q</b>
1	4	U	2	0.2	19 (1-0.4)
9	8	D	6	$\begin{array}{ccc}                                   $	L(0.6)
	7	0	0	0.2 = 0.2	0
W				Weight of m	odel 1

M = 5

<u>X</u> ,	X <sub>2</sub>	У	new_wt	range_
3	7		0.166	0 - 0.166
2	9	0	0.25	0.166 - 0.416
1	4	1	0.25	D.416 - 7.666
9	8	0	0.166	0.666 - 0.832
3	7	0	0.166	0.832-1.0

