Ex: Boosting Round 1:

z	0.1	0.4	0.5	0.6	0.6	0.7	0.7	6.7	o-g	1
7	1	-1	-1	-1	-!	-1	-1	-1		1

Boosting Round 7:

Æ	0.1	0.1	0.2	0.5	0.2	0.5	0.3	0.3	0-3	D:3
8	1	1	1	1	1	١	1	1	1	l

Boosting Round 3:

	(1			-	1	-		1			0.7
Z	0 2	0.2	0.4	10.1	101	- 0	.4.	0.5	0.	6	10	01
4	1	1								1	-1	-1
101	->-1.4	2 0	th.	et	vain	ing	Re	coad	e.			
Roud	.0.	1 0.	2 (0.3	04				•	D.8	0.0	1 1
1	0.1	0										
2	6.3		311	0.34	0.01	0.	0)	0.01	0.0	0-0)	0,0	0.0)
3	0.02	9 0	029	0.02	0.2	8 0	.228	0.218	Date	8 - 0.0	909	0.00

Decision Stump is the base classifier.

Round	Split	Left	Right	d
l	0.75	-1	1	1.738
2	0.05	41	1	2.7784
3	0.3	1	-1	4. 1195
			1	
Details	of R	found 1: -		
Origina	l train	ing and	set:-	
z	y wt	, P(x	7	: 3 wrong
0.1	1 0.1	-1	*	
0.7	1 0.1	-1	*	
0.3	1 0.1	-1	× E	= [3 × 01]
	-1 0.1	-1		
	-1 0.1	-1		: 0.03
	-1 0.1	-1		
	0.1	-1	~i = -	1 Ln (1- 0.03
0.8	61 0.1	1		
6.9	1 0.1	ı		ln (32.33)
1	1 0.)	1	= -	1 x 3. 48

= 2 1.738

d = 1.738 we updation: exp(1-738)= newbit old wt WP/CP of 0.1 × 5.697 0.1 0.1 X 0.1 x5.69 (0.569 0.1 X 0.2 0.1 0-1 x 5-69 x 0.3. 0.4 0.1 0.1 4 0.46 0.5 0.1× 0.176 0.1 0.6 0.1 x 0.176 0.0176 0.1 0.7 0.1 0.8 0.1 0.1 0.9 0.1 1 EXP(L) EXP(-L) Normalizing the 1sts: Sum of the wits: 3x 0.569+7x0.0176 1.707 + .0.1232 = 1.8302 Pivide each wit by the sum of wits.

Combining classifiers

Round	01	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
1	-1	-1	-1	-1	-1	-1	-1	1	1	
2	N.	1	1	1	1	1	1	1	1/	1
	1	. (t	-1	-1	-1	-1	-1	-1-	+
		- rh	e-th	-3.0t	-3.0	8 -3	08-7	0:397	1	>
Sign	1	1 /	1	-1				1 1	Ì	