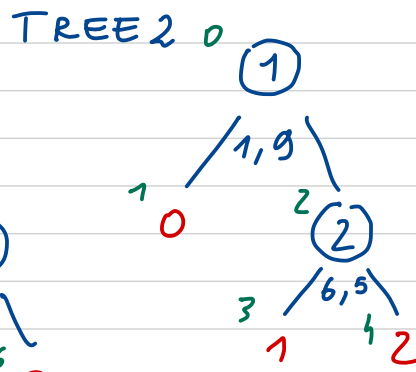
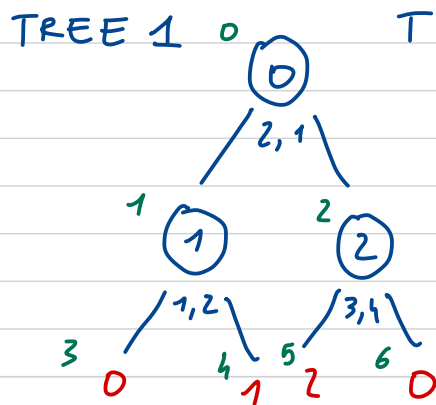
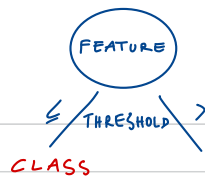


# ESEMPIO



feature	thresh	var
0	2, 1	1
1	1, 2	2
2	3, 4	7
1	1, 9	3
2	6, 5	8

feature	interval	var
0	$\leq 2, 1$	1
0	$> 2, 1$	-1
1	$\leq 1, 2$	4
1	$1, 2 < \cdot \leq 1, 9$	5
1	$> 1, 9$	6
2	$\leq 3, 4$	9
2	$3, 4 < \cdot \leq 6, 5$	10
2	$> 6, 5$	11

## ENCODING

1 1 2  $\rightarrow$  12  
 1 1 7 2  $\rightarrow$  13  
 7 1 1 7  $\rightarrow$  14  
 7 1 1 7 7  $\rightarrow$  12

7 1 V 7 2 V 12  
 7 1 V 2 V 13  
 1 V 7 7 V 14  
 1 V 7 V 12

PERCORSI  
 ALBERO  
 1

3  $\rightarrow$  15  
 7 3 1 8  $\rightarrow$  16  
 7 3 1 7 8  $\rightarrow$  17

7 3 V 15  
 3 V 7 8 V 16  
 3 V 8 V 17

PERCORSI  
 ALBERO  
 2

tree	class	var
1	0	12
1	1	13
1	2	14
2	0	15
2	1	16
2	2	17

1  $\leftrightarrow$  1

-1  $\leftrightarrow$  -1

2  $\leftrightarrow$  4

7 2  $\leftrightarrow$  5 V 6

3  $\leftrightarrow$  4 V 5

7 3  $\leftrightarrow$  6

7  $\leftrightarrow$  9

7 7  $\leftrightarrow$  10 V 11

8  $\leftrightarrow$  9 V 10

7 8  $\leftrightarrow$  11

(1  $\rightarrow$  1)  $\wedge$  (1  $\rightarrow$  1)

(7 1  $\rightarrow$  7 1)  $\wedge$  (7 1  $\rightarrow$  7 1)

(2  $\rightarrow$  4)  $\wedge$  (4  $\rightarrow$  2)

(7 2  $\rightarrow$  5 V 6)  $\wedge$  (5 V 6  $\rightarrow$  7 2)

(3  $\rightarrow$  4 V 5)  $\wedge$  (4 V 5  $\rightarrow$  3)

(7 3  $\rightarrow$  6)  $\wedge$  (6  $\rightarrow$  7 3)

(7  $\rightarrow$  9)  $\wedge$  (9  $\rightarrow$  7)

(7 7  $\rightarrow$  10 V 11)  $\wedge$  (10 V 11  $\rightarrow$  7 7)

(8  $\rightarrow$  9 V 10)  $\wedge$  (9 V 10  $\rightarrow$  8)

(7 8  $\rightarrow$  11)  $\wedge$  (11  $\rightarrow$  7 8)

(7 1 V 1)  $\wedge$  (1 V 7 1)

(1 V 7 1)  $\wedge$  (7 1 V 1)

(7 2 V 4)  $\wedge$  (7 4 V 2)

(2 V 5 V 6)  $\wedge$  (7 5 V 7 2)  $\wedge$  (7 6 V 7 2)

(7 3 V 4 V 5)  $\wedge$  (7 4 V 3)  $\wedge$  (7 5 V 3)

(3 V 6)  $\wedge$  (7 6 V 7 3)

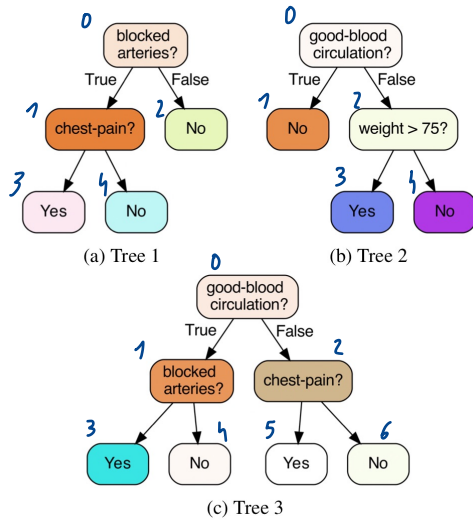
(7 7 V 9)  $\wedge$  (7 9 V 7)

(7 V 10 V 11)  $\wedge$  (7 10 V 7 7)  $\wedge$  (7 11 V 7 7)

(7 8 V 9 V 10)  $\wedge$  (7 9 V 8)  $\wedge$  (7 10 V 8)

(8 V 11)  $\wedge$  (7 11 V 7 8)

# ESEMPIO PAPER



feature	thresh	var	
BA	0	1	$X_1$
GBC	0	2	$X_2$
CP	0	3	$X_3$
W	75	4	$W$

feature	interval	var	
BA	$\leq 0$	1	$X_1$
BA	$> 0$	-1	$1X_1$
GBC	$\leq 0$	2	$X_2$
GBC	$> 0$	-2	$1X_2$
CP	$\leq 0$	3	$X_3$
CP	$> 0$	-3	$1X_3$
W	$\leq 75$	4	$W$
W	$> 75$	-4	$1W$

true	class	var	
1	0	5	$l_{11}$
1	1	6	$l_{12}$
2	0	7	$l_{21}$
2	1	8	$l_{22}$
3	0	9	$l_{31}$
3	1	10	$l_{32}$

## FORMULE

$1X_1 \vee 1X_3 \vee l_{12}^6$   
 $1X_1 \vee X_3 \vee l_{11}^5$   
 $X_1 \vee l_{11}^5$   
 $1X_2 \vee l_{21}^7$   
 $X_2 \vee 1W \vee l_{22}^8$   
 $X_2 \vee W \vee l_{21}^7$   
 $1X_2 \vee 1X_1 \vee l_{32}^{10}$   
 $1X_2 \vee X_1 \vee l_{31}^9$   
 $X_2 \vee 1X_3 \vee l_{32}^{10}$   
 $X_2 \vee X_3 \vee l_{31}^9$