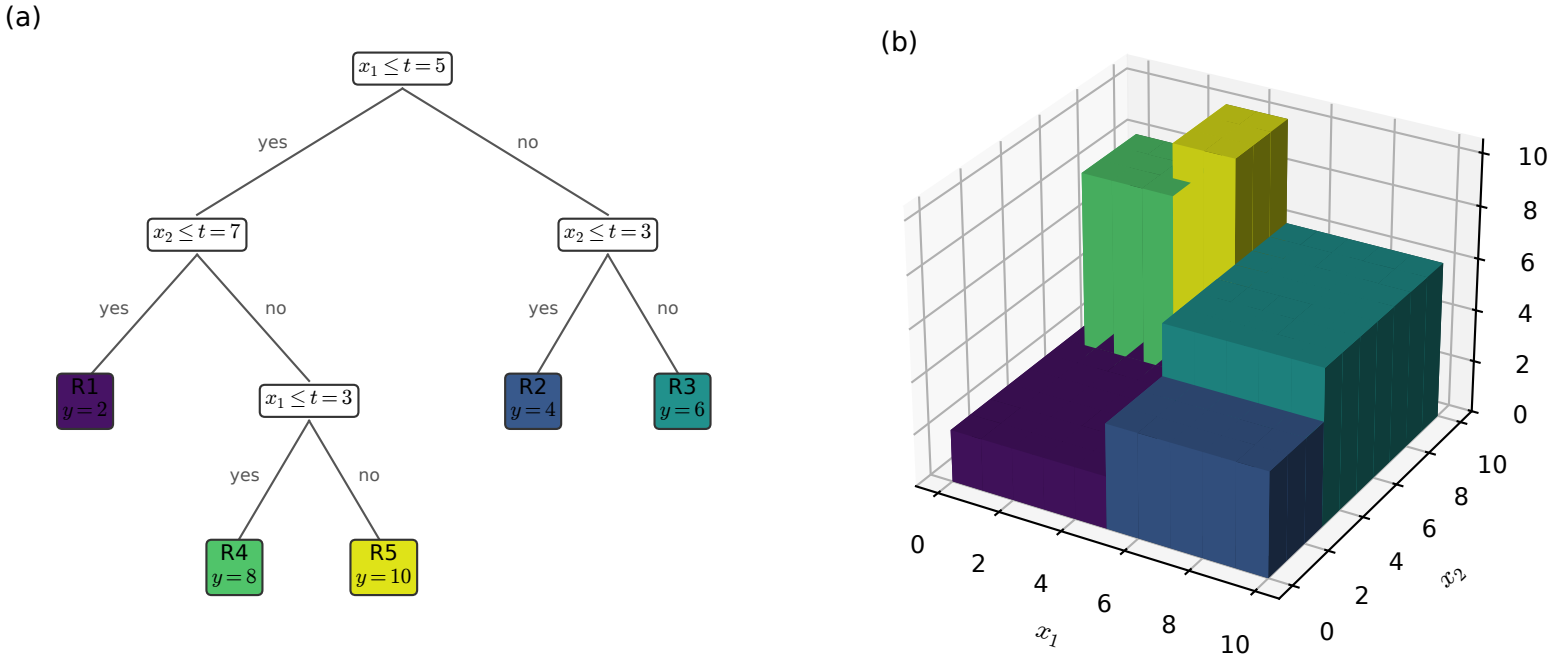

(a)
$x_1 \leq t = 5$
yes
no
$x_2 \leq t = 7$
$x_2 \leq t = 3$
yes
no
yes
no
R1
$y = 2$
$x_1 \leq t = 3$
R2
$y = 4$
R3
$y = 6$
yes
no
R4
$y = 8$
R5
$y = 10$
(b)
0
2
4
6
8
10
x_1
x_2