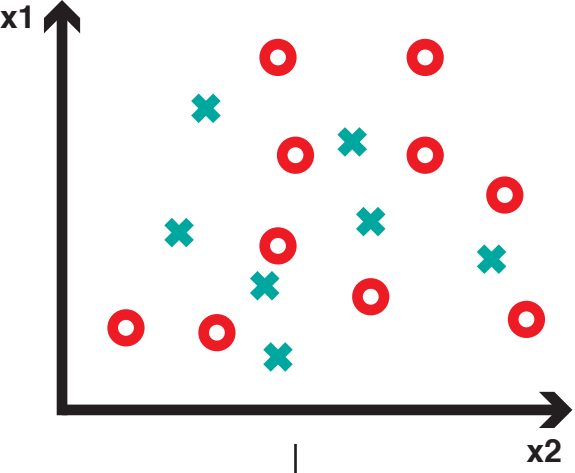
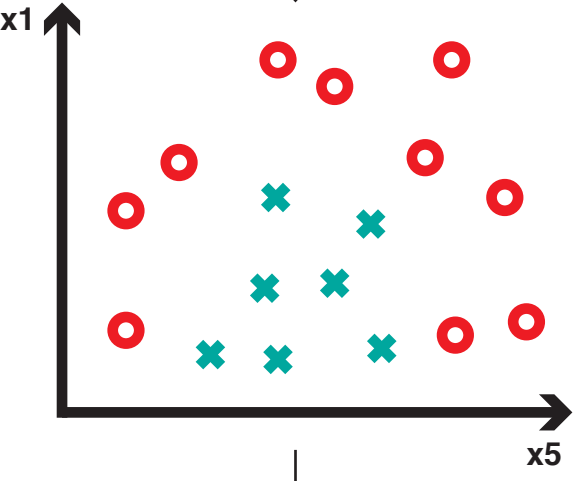


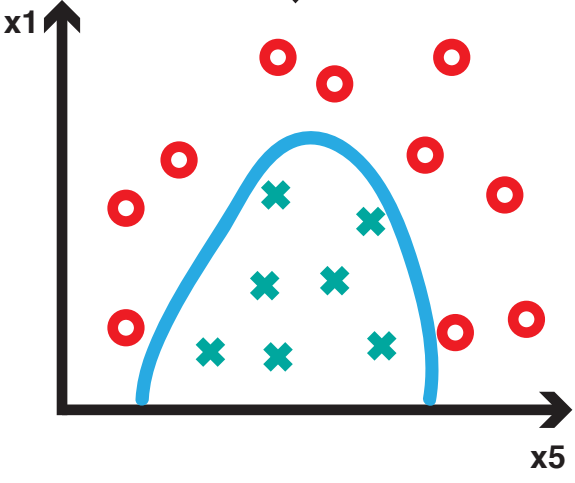
	x_1	x_2	x_3	x_4	x_5	y
a	1	3	3	21	21	0
b	5	8	32	21	53	1
c	8	213	20	55	95	0
d	24	3	59	66	73	1

feature selection



	x_1	x_2	x_3	x_4	x_5	y
a	1	3	3	21	21	0
b	5	8	32	21	53	1
c	8	213	20	55	95	0
d	24	3	59	66	73	1

classifier



$$y = 1 \text{ if } \begin{cases} x_1 < C_5 x_5^2 \\ x_1 > 0 \end{cases}$$