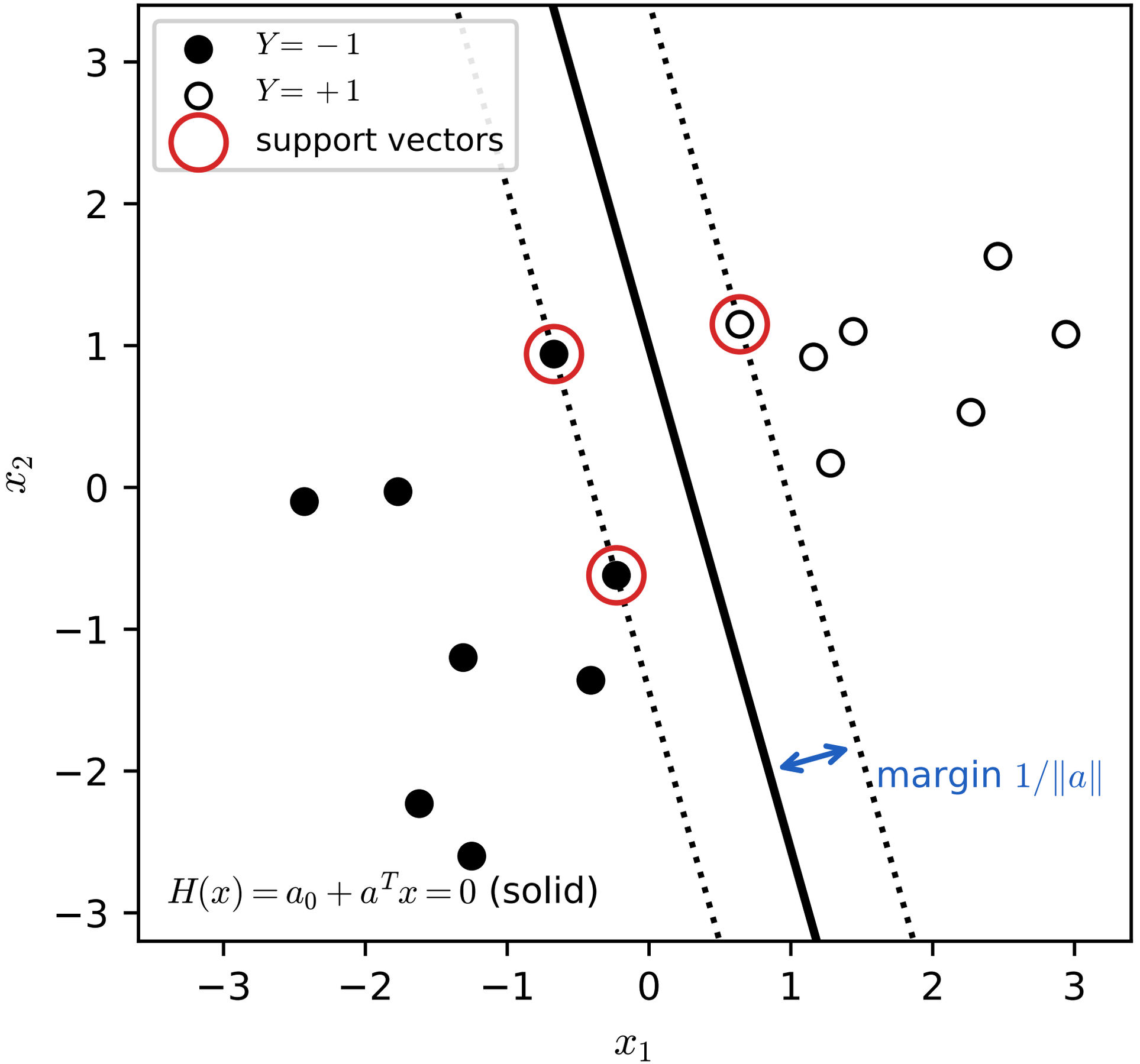

$Y = -1$
$Y = +1$
support vectors
$H(x) = a_0 + a^T x = 0$ (solid)
margin $1/\|a\|$
x_1
x_2
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3