

Step Activation Function (Heaviside)

$$f(z) = 1 \text{ if } z \geq 0, \text{ else } f(z) = 0$$

Output y

1

0

Output = 0
(Sell)

Output = 1
(Buy)

Threshold
($z = 0$)

-4

-2

0

2

4

Weighted Sum $z = \sum w_i x_i + b$