

Is the floor wet?



$\times 0.7$

Are umbrellas around?



$\times 1.4$

Is it cloudy?



$\times 1.6$

$\Sigma w_i - b$

$> 0$

Is it raining?



$$(1 \times 0.7 + 1 \times 1.6 + 0 \times 1.4) - 2.1 = 0.2$$