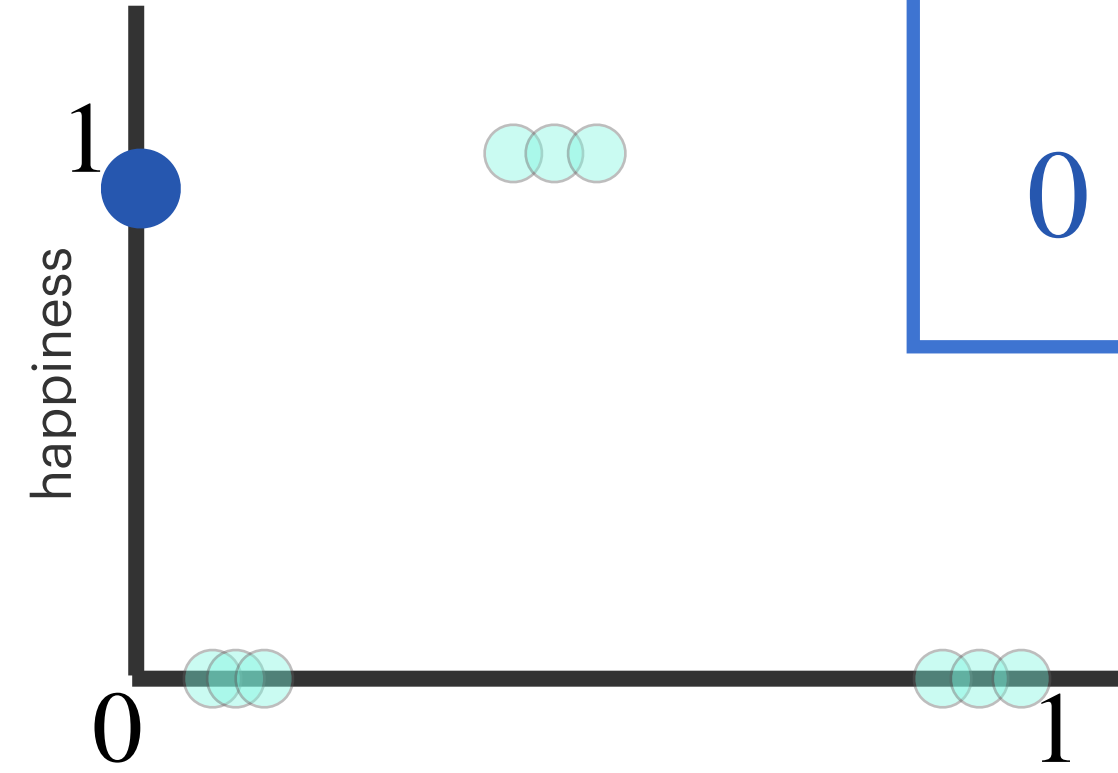
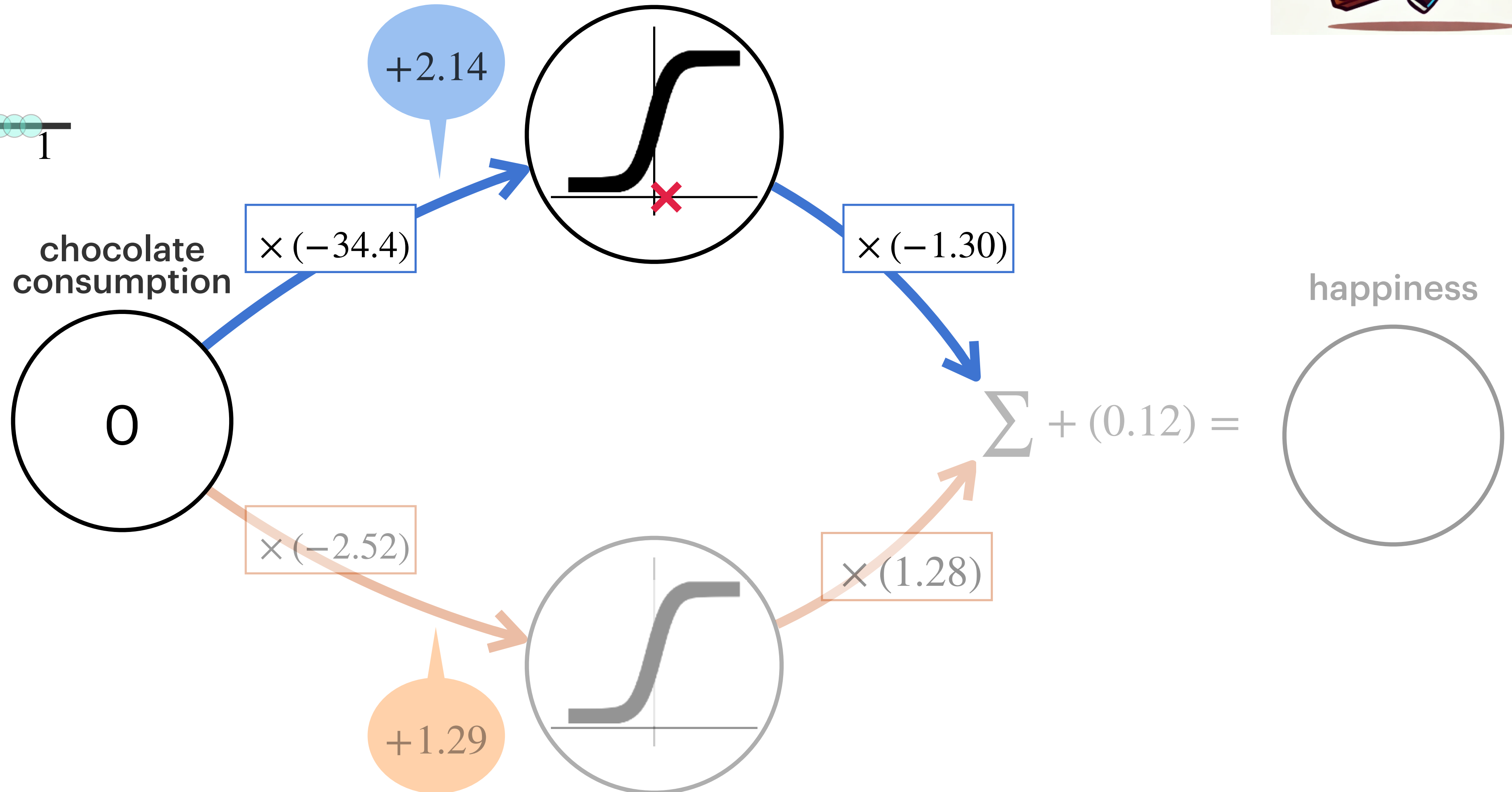


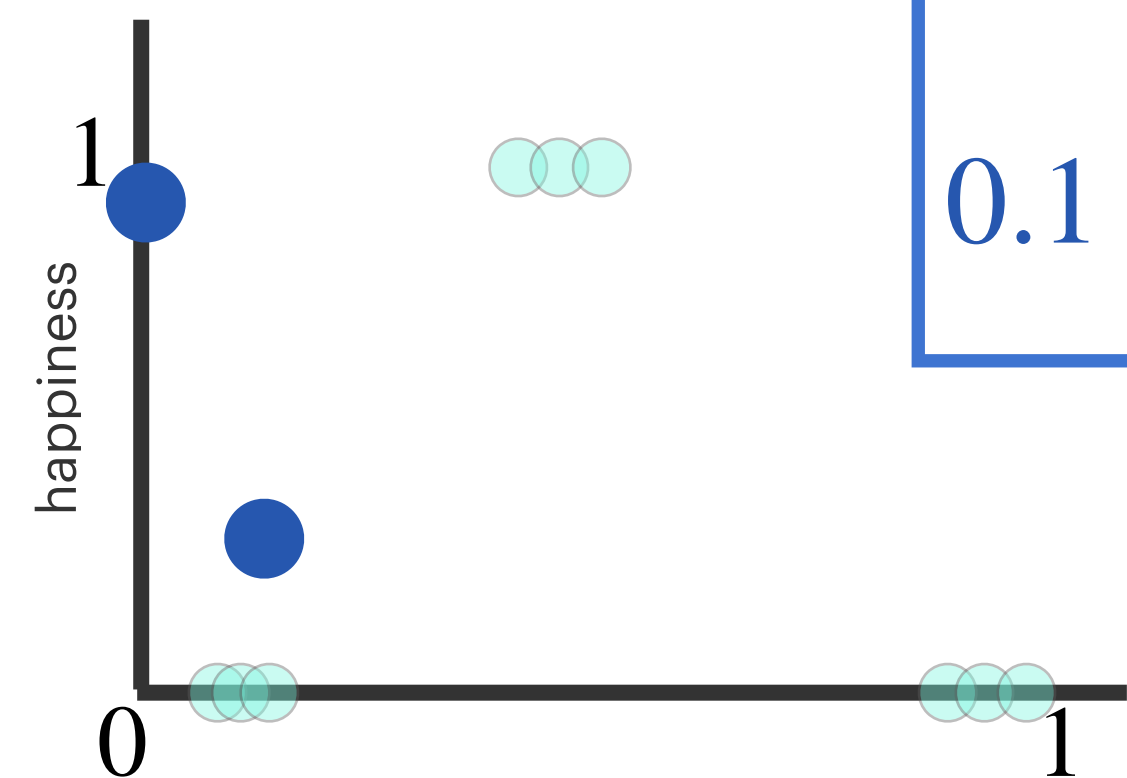
# How Do Neural Networks Work?



$$0 \times -34.4 + 2.14 = 2.14 \longrightarrow f(2.14) = \frac{e^{2.14}}{e^{(2.14)} + 1} = 0.89$$



# How Do Neural Networks Work?



$$0.1 \times -34.4 + 2.14 = -1.3 \longrightarrow f(-1.3) = \frac{e^{-1.3}}{e^{-1.3} + 1} = 0.21$$

