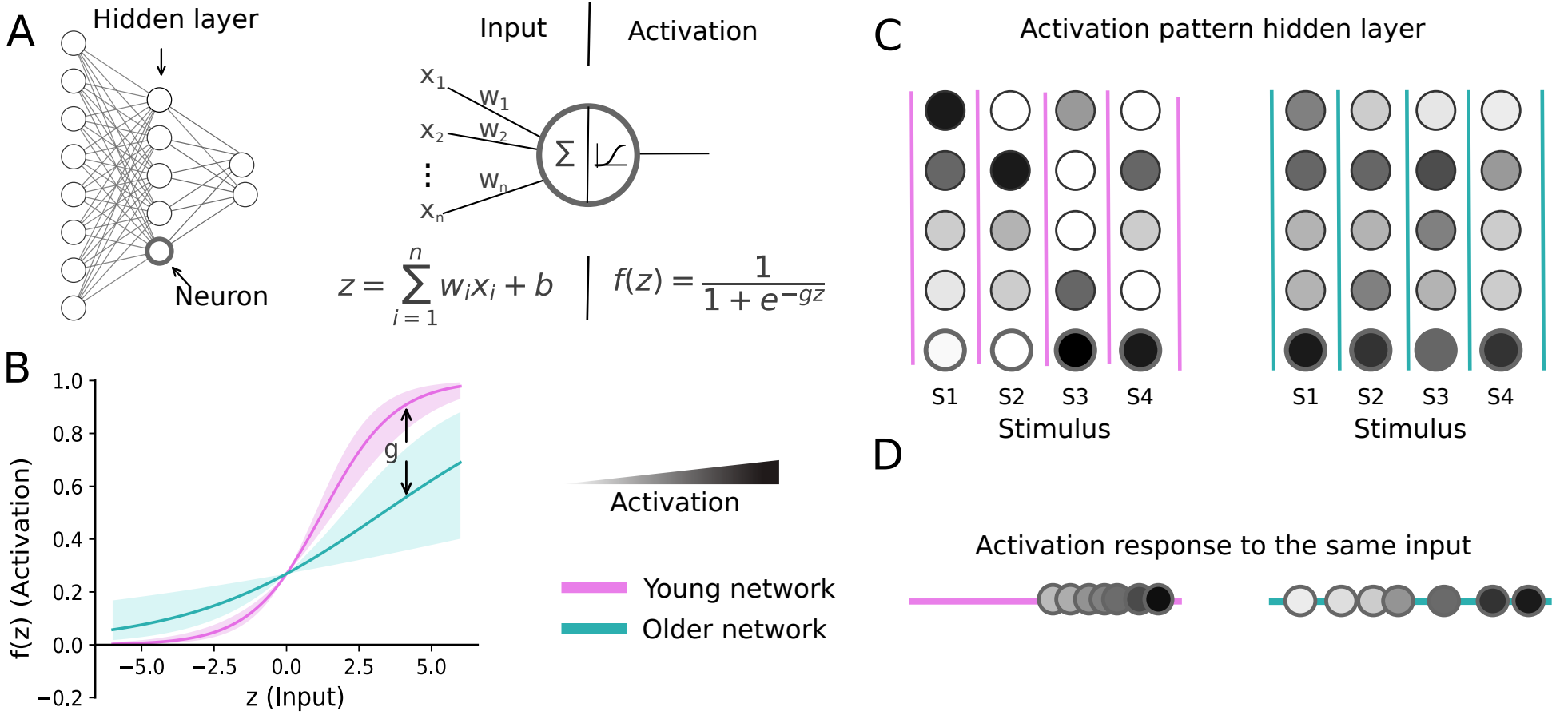
A
Hidden layer
Neuron
Input
Activation
x_1
x_2
x_n
w_1
w_2
w_n
Σ
$z = \sum_{i=1}^{n} w_i x_i + b$
$f(z) = \frac{1}{1 + e^{-gz}}$
B
f(z) (Activation)
z (Input)
g
Activation
Young network
Older network
C
Activation pattern hidden layer
S1
S2
S3
S4
Stimulus
D
Activation response to the same input