

Activation function	f(x)	f(x)	$\frac{df(x)}{dx}$
sigmoid	$\frac{1}{1+e^{-x}}$	1.2 1 0.8 0.6 0.4 0.2 -15 -10 -5 0 5 10 15	0.25 0.15 0.15 0.05 -15 -10 -5 0 5 10 15
tanh	tanh(x)	1.5 1 0.5 -15 -10 -5 0 5 10 15 -0.5	1.2 1 0.8 0.6 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8
RelU	max(0,x)	-15 -10 -5 0 5 10 15	1.2 1 0.8 0.6 0.4 0.2 -15 -10 -5 0 5 10 15