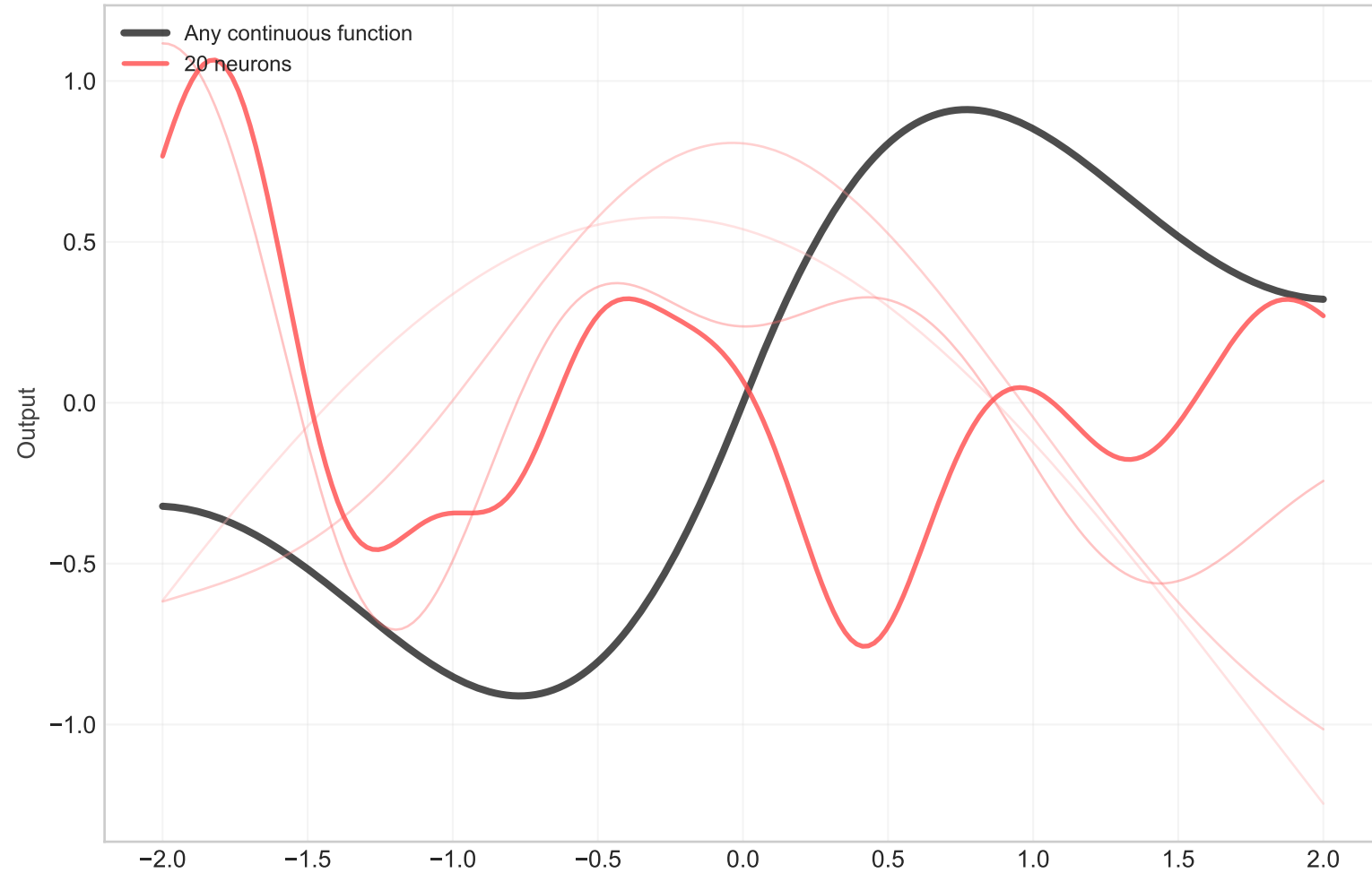


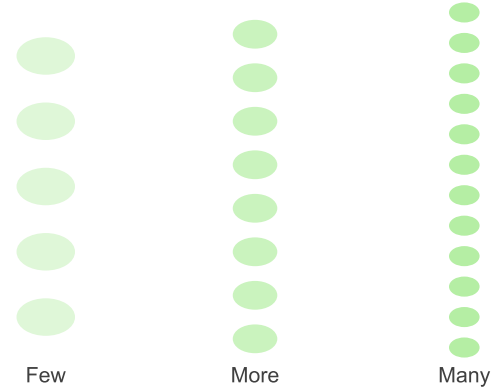
The Universal Approximation Theorem (Cybenko, 1989)

Universal Approximation: More Neurons = Better Fit



"A neural network with enough neurons can approximate ANY continuous function to ANY desired accuracy"

Network Width



Network Depth

