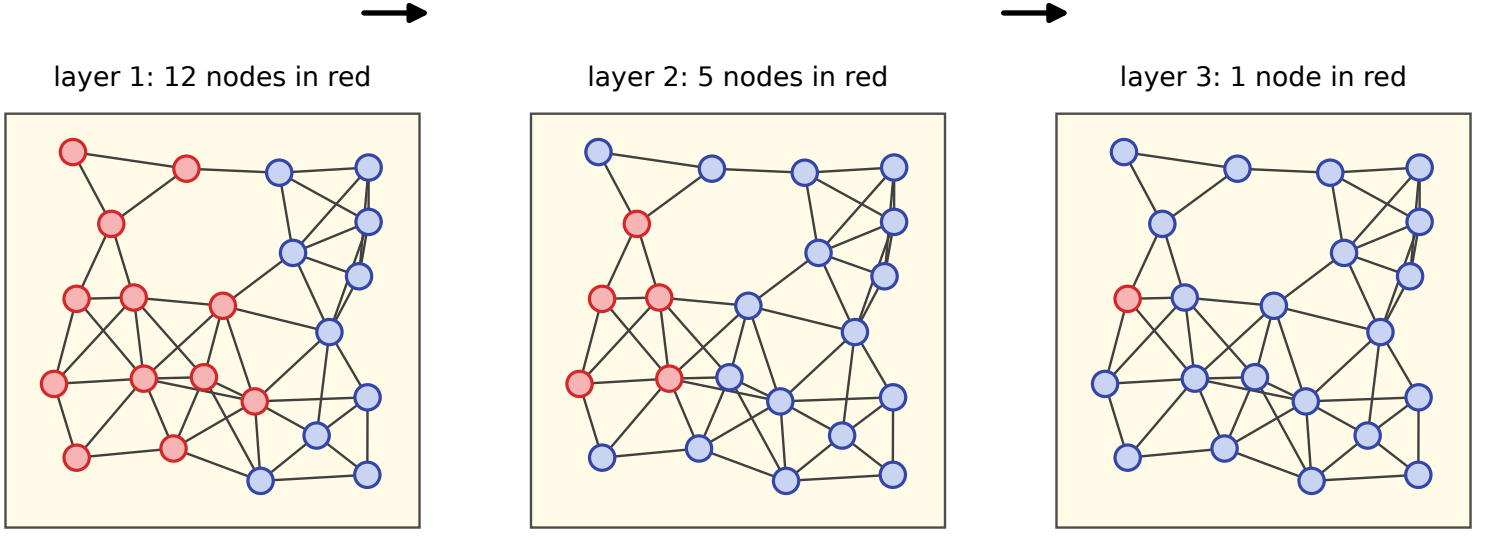

layer 1: 12 nodes in red
layer 2: 5 nodes in red
layer 3: 1 node in red