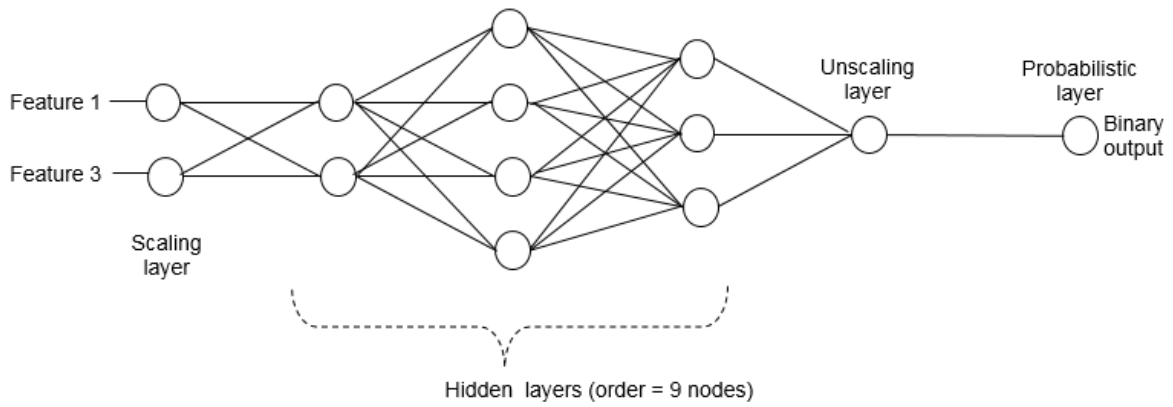


Supplemental figure 1: A trained and validated ANN can be used, with reasonably expected accuracy, to make inferences about clinical or research cases.



Supplemental figure 2: Final neural network architecture convolved from figure 7 with only 2 inputs, 3 hidden layers of 2, 4 and 3 nodes respectively, an unscaling layer and a single binary output.