Scope [C Version Monochrome]

This program displays the evolution of a neural network and graphs the model against the data being fitted in real time.

Press and release **Q** to quit.

Press and release **H** to increase the height of the network.

Press and release **L** to increase the length of the network.

Press and release **W** to randomize the weights and biases of the network.

Press and release **D** to generate new random data points.

Press and release **M** to increment the number of data points.

Press and release **N** to decrement the number of data points.

Press and release **T** to switch all activations to the hyperbolic tangent function.

Press and release **S** to switch all activations to sine function.

Press and release **Z** for alternating hyperbolic tangent and sine activations.

Press and release **I** to use only identity functions (resulting in a linear model.)

Press and release $\leftarrow$ for low rate.

Press and release $\rightarrow$ for high rate.

Press and release $\uparrow$ for max rate.

Press and release $\downarrow$ for zero rate (to pause training).