

Node 0

Node 1

...

Node N

For each set of neuron

Distribute
neurons

Load matrices

While new neurons available

Request
neurons

For each neuron

Select neurons

Generate P

Pick neuron

Determine D_i

IF ($P < D_i$)

Determine
paramters

Store synapse
in buffer

Load matrices

While new neurons available

Request
neurons

For each neuron

Select neurons

Generate P

Pick neuron

Determine D_i

IF ($P < D_i$)

Determine
paramters

Store synapse
in buffer

Manage write positions

Write buffers to file