

Structure	Constraint	Description
$q_{N_{i.d.}}$	$\mathbf{a} = 0$ and $\mathbf{b} = 0$	Independent neurons
$q_{N_{i.d.} \leftarrow G}$	$\mathbf{a} = 0$	Neuron-to-glia network, where neurons are independent of one another
q_N	$\mathbf{b} = 0$	Neuronal network
$q_{N \leftarrow G}$	No constraints	Neuron-to-glia network
$q_{N \leftarrow G_j}$	$b_{ik}(s) = 0, \forall k \neq j, \forall i$	Neuron-to-glia network, where only j -th glial cell exists