

S2 Table. Populations.

Name	Kind	Size
Visible	Leaky integrate and fire	$N_{\text{Vis}} = 2N_{\text{pixels}}$
Hidden	Leaky integrate and fire	N_{Hid}
Inhibitory	Leaky integrate and fire	$N_{\text{Vis,Inh}}, N_{\text{Hid,Inh}}$