



Figure S5: Variation of Fig. 7 (i.e., of computer simulation 2) for a simulation where we used current-based synapses without short-term plasticity. The post-synaptic response had an exponentially decaying form $\epsilon(s) = e^{-s/\tau_\epsilon}/\tau_\epsilon$, with $\tau_\epsilon = 5ms$. The value of the maximum synaptic weight was $w_{max} = 32.9$ pA. All other parameter values were the same as in computer simulation 2.