

Figure 2. Simulated ISIs under variable external conditions. Representative ISI histograms with all factors kept constant except *(A)* total unit firing rate, *(B)* in cluster-out cluster temporal overlap, and *(C)* confounding neuron count. Total simulation time of 10 minutes. Total unit firing rate for in-out overlap and confound neuron(s) simulations of 11 and 10 Hz respectively. Homogeneous firing assumed outside of in-out overlap simulations. Blue corresponds to the in-cluster or "true" neuron, and red corresponds to the out-cluster or "false" neuron(s).