Figure 1. Effects of variable external conditions on observed ISI violations. Schematic representation of ISI violation production when the sorted unit has **(A)** a relatively low or high firing rate, **(B)** minimal or significant in-out temporal overlap, and **(C)** one or infinitely many confounding neuron(s). Blue corresponds to the in-cluster or "true" neuron, and red corresponds to the out-cluster or "false" neuron(s). Larger, bold spikes indicate observed ISI violations. In all cases, underlying FDR is the same between the two extreme conditions.