

Figure 6 - figure supplement 2

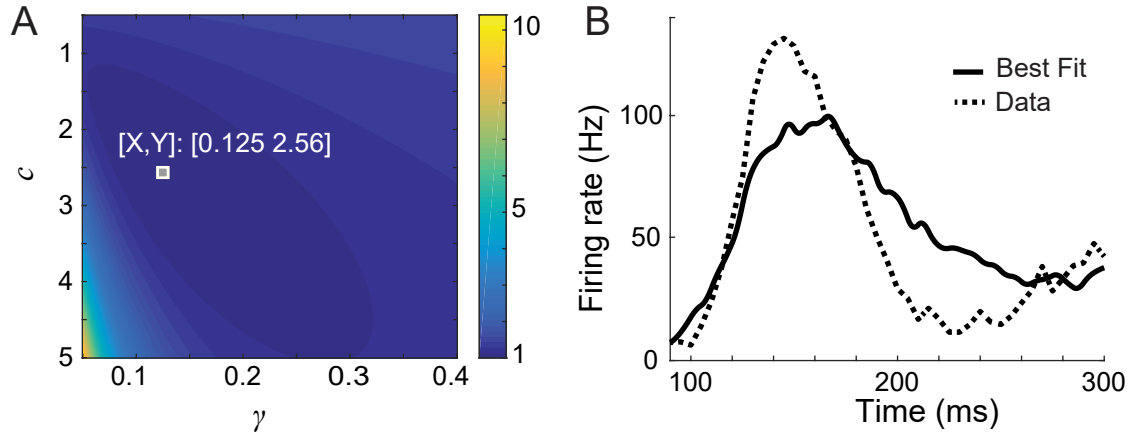


Figure 6 – figure supplement 2. Short-term depression cannot reproduce a damped oscillation after learning. (A) Parameter search of the strength of depression (γ) and strength of potentiation ($c = f_m^R g_m^R$). The color map shows the distance between the data and simulation of the response for familiar stimuli normalized by the lowest distance. (B) Time course of the response to the best familiar stimuli with the best-fitted parameters $\gamma = 0.125$, and $f_m^R g_m^R = 2.56$. Other parameters are $\tau_R = 5$ ms, $\tau_x = 200$ ms, and I_m^X is obtained from the response to the best novel stimuli.