



Figure 2-figure supplement 3. Effect of different model parameters on simulated HS-induced EPSCs. The default parameter set, represented by the black traces, is $[k_1, k_{-1}, k_{2,max}, t_{del}, \tau, D] = [0.09, 0.16, 3.5, 0.60, 0.20, 1000]$. In each subpanel, one of these parameters is either multiplied by 2 (dark blue) or divided by 2 (light blue). The Gaussian white noise added to these curves was generated using the MATLAB 'randn()' function, with $\mu = 0\text{pA}$ and $\sigma = 10\text{pA}$. (A) Absolute traces. (B) Traces scaled and aligned to peak.