

Brain Network Model

$$\psi(x, t) = \boxed{N(\psi(x, t))} + \boxed{\int_{local} dx' g(x - x') S(\psi(x', t))} + \boxed{\int_{global} dx' G(x, x') S(\psi(x', t - \frac{|x - x'|}{v}))} + \boxed{I_{ext}(x, t)}$$

Simulated Neural Population Activity

