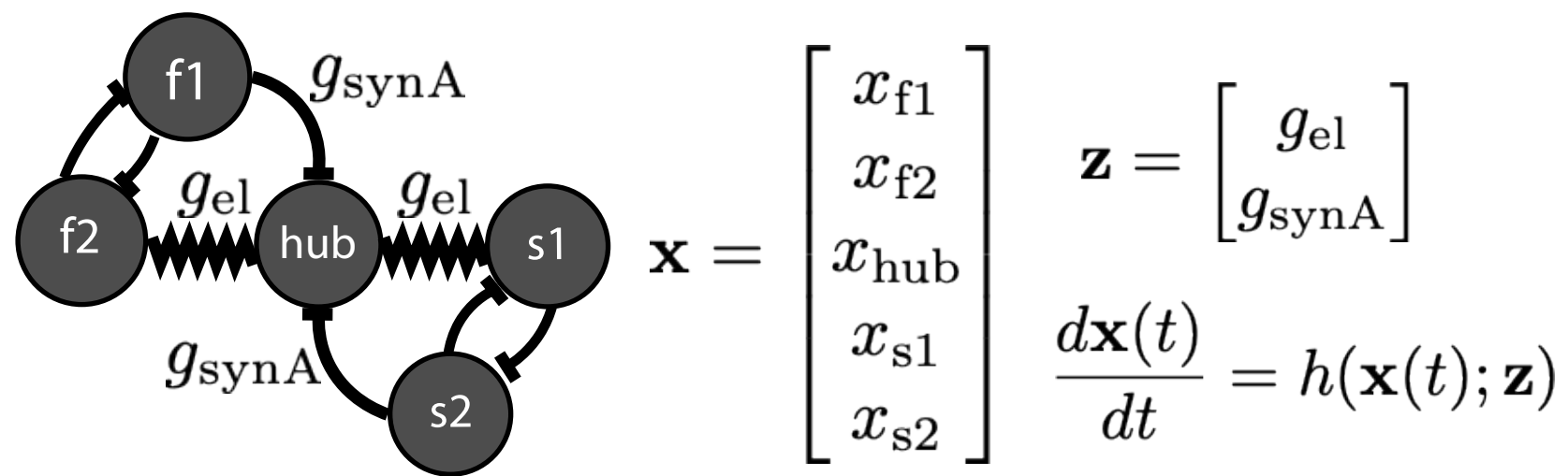
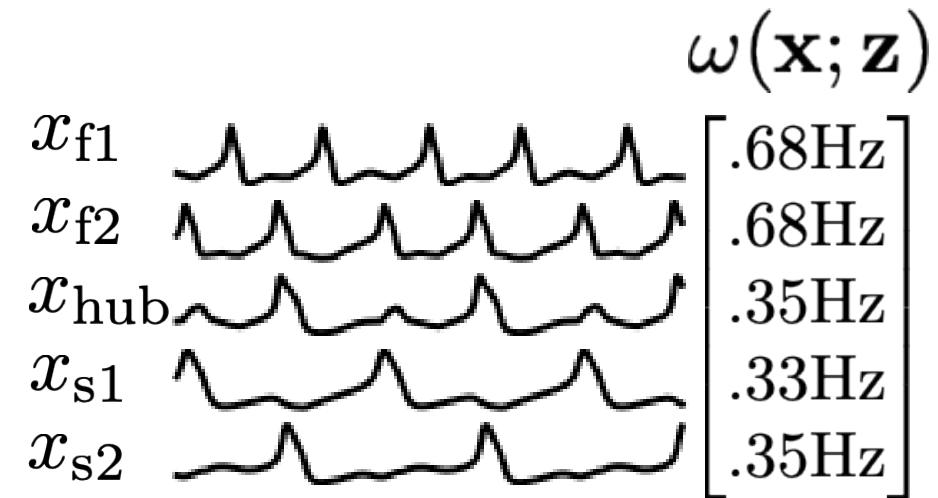


A**Biological Model:**
STG**B****Emergent property statistic:**
spiking frequency**C****Emergent Property:**
intermediate hub frequency

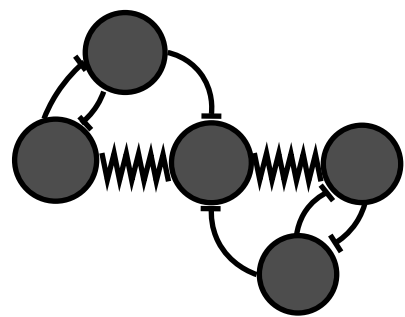
$$\mathbb{E}_{\mathbf{z}, \mathbf{x}} [\omega_{\text{hub}}(\mathbf{x}; \mathbf{z})] = 0.55\text{Hz}$$

$$\text{Var}_{\mathbf{z}, \mathbf{x}} [\omega_{\text{hub}}(\mathbf{x}; \mathbf{z})] = 0.025^2\text{Hz}^2$$

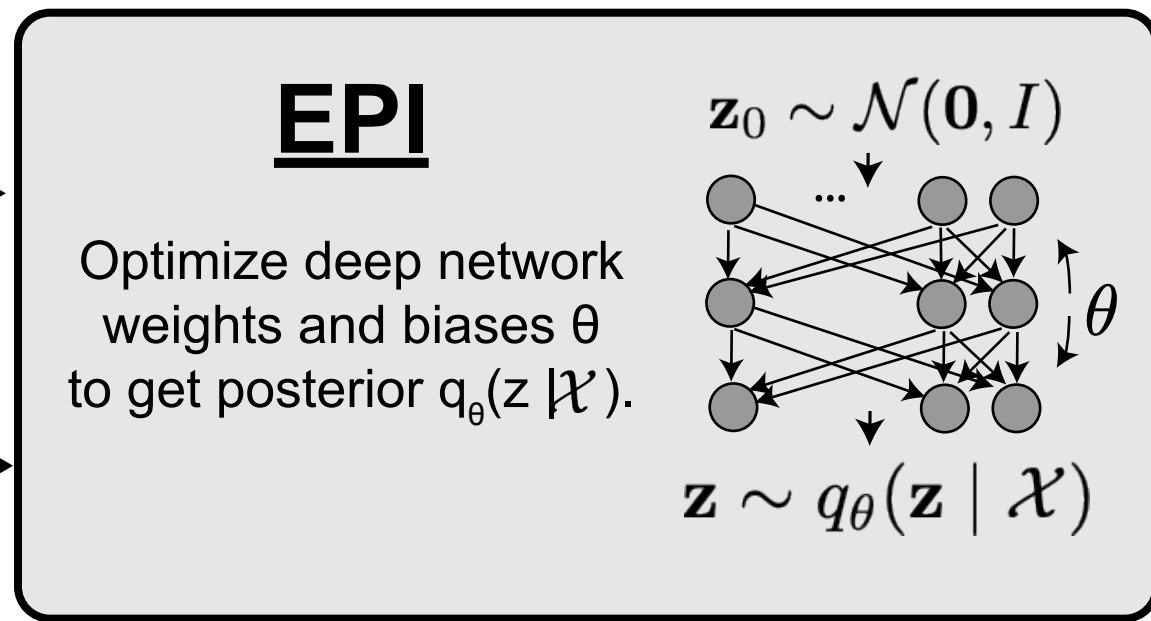
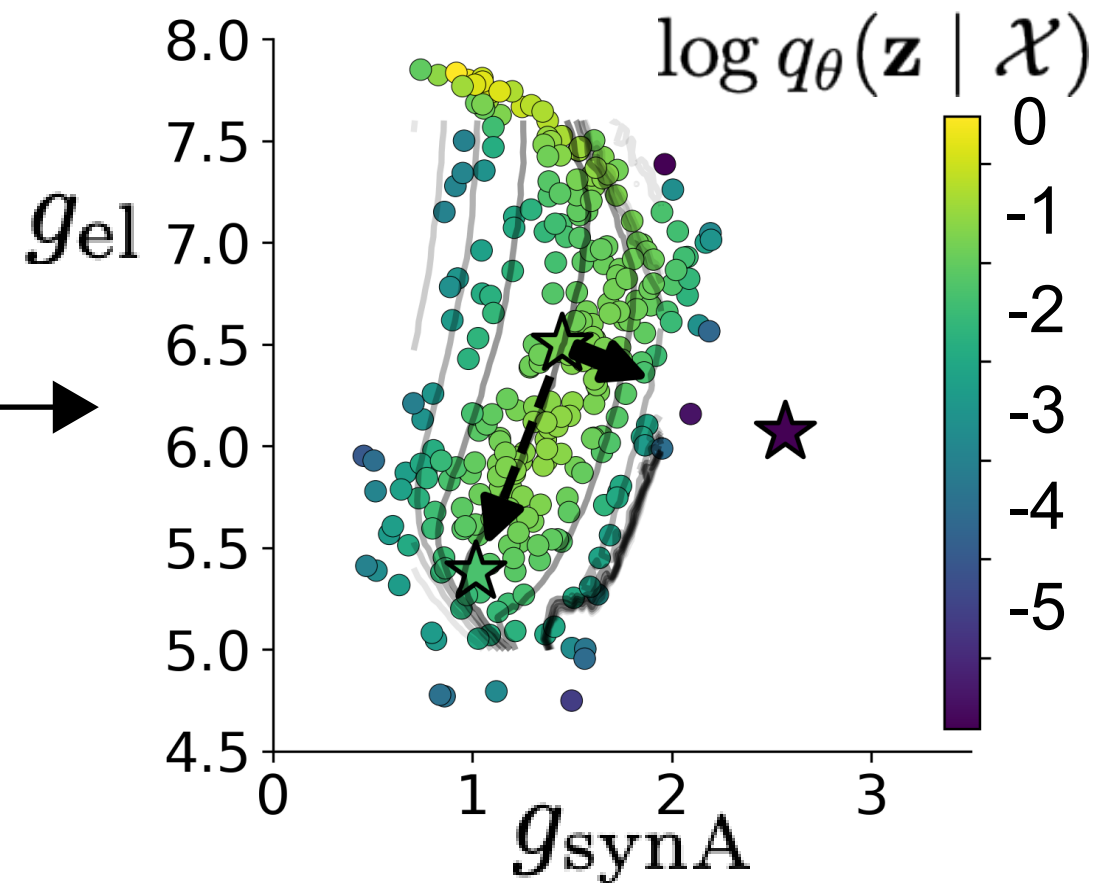
x_{hub}

D**Emergent property inference**

biological model



emergent property

**E****EPI posterior****F****Posterior simulations**