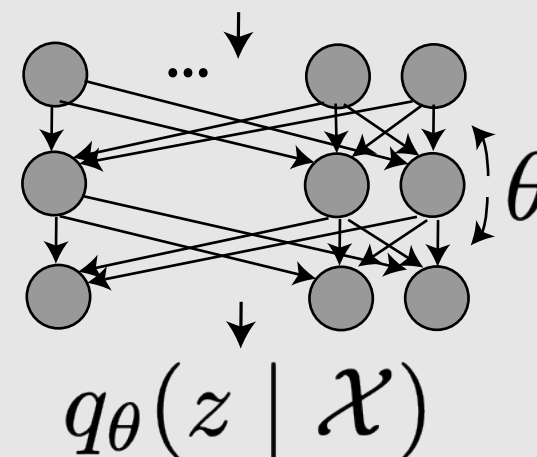


A

Emergent Property Inference (EPI)

Optimize deep network (θ) to produce posterior $q_{\theta}(z | \mathcal{X})$.

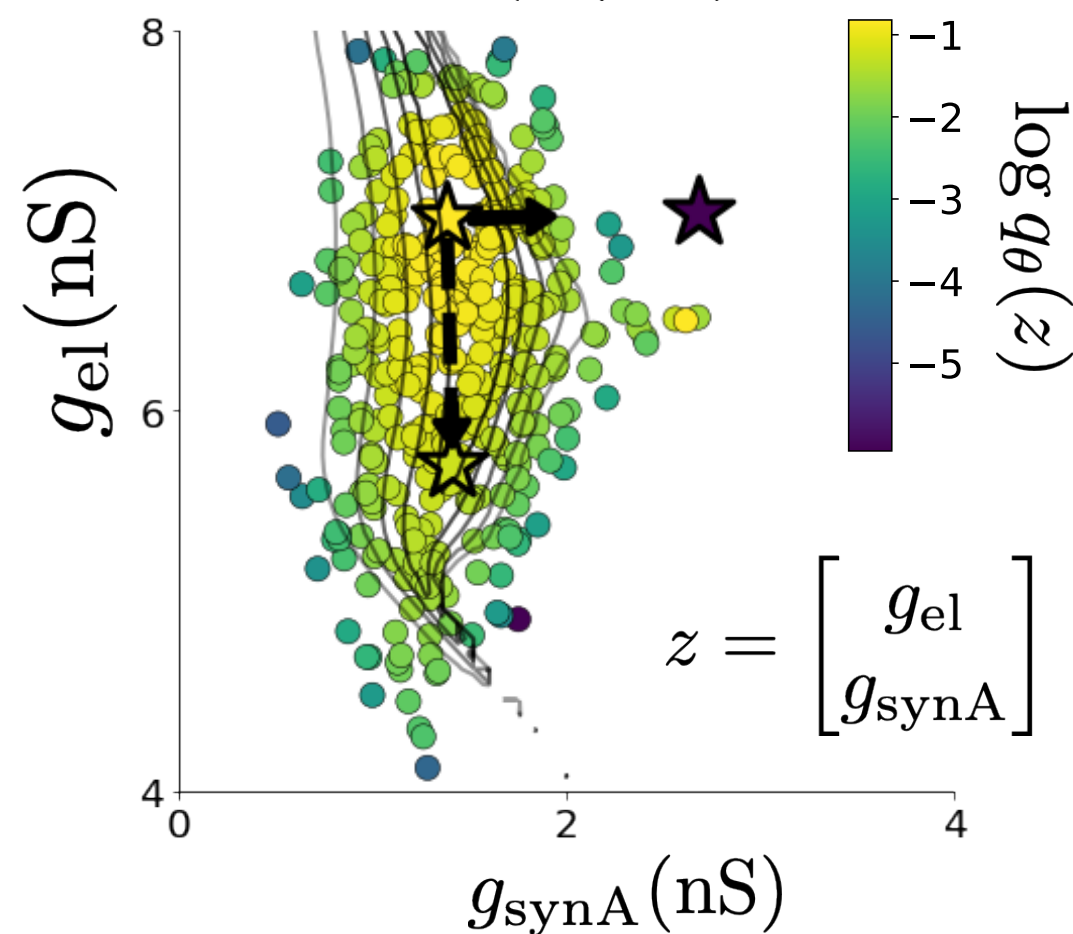
$$z_0 \sim \mathcal{N}(0, I)$$



B

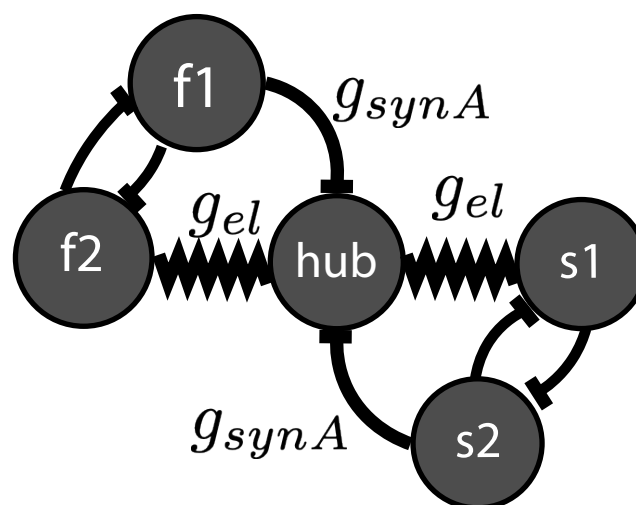
EPI posterior

$$q_{\theta}(z | \mathcal{X})$$



C

Biological Model: STG



simulator

$$x \sim p(x | z)$$

D

Emergent Property: \mathcal{X} unified intermediacy

