Artificial data generation schematic
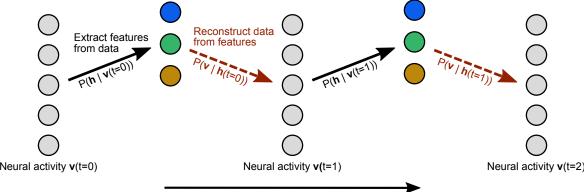

HU activity **h**(t=0)

HU activity **h**(t=1)

Extract features from data

$P(\mathbf{h} \mid \mathbf{v}(t=0))$

Reconstruct data from features

$P(\mathbf{v} \mid \mathbf{h}(t=0))$

$P(\mathbf{h} \mid \mathbf{v}(t=1))$

$P(\mathbf{v} \mid \mathbf{h}(t=1))$

Neural activity **v**(t=0)

Neural activity **v**(t=1)

Neural activity **v**(t=2)

Sampling steps