

PCA of Dynamic Variables

Parameters:

Input Size: 8

Sequence Length: 98

Hidden Size: 24

Number of Layers: 1

Number of Classes: 10

Batch Size: 40

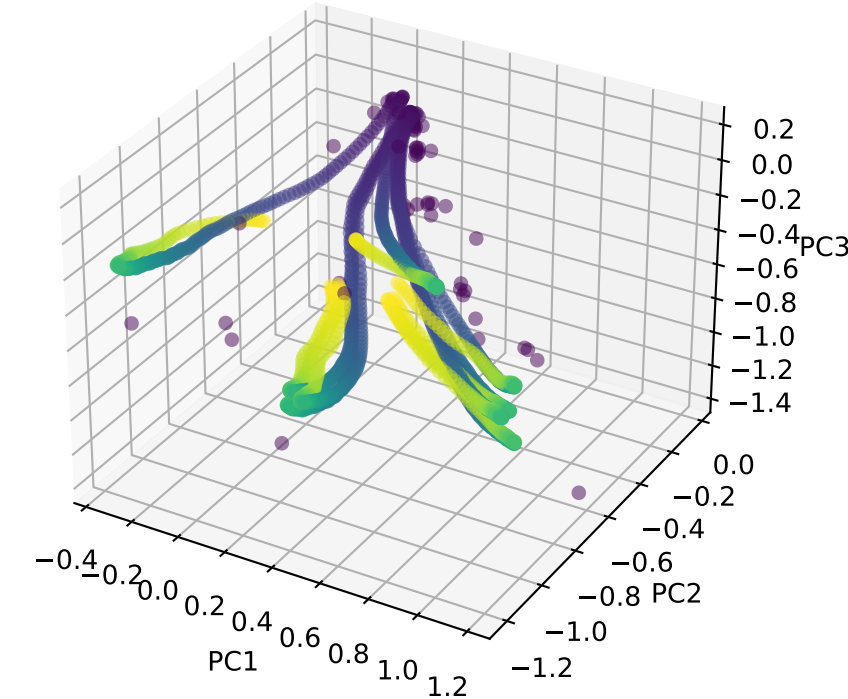
Number of Epochs: 5

Learning Rate: 0.01

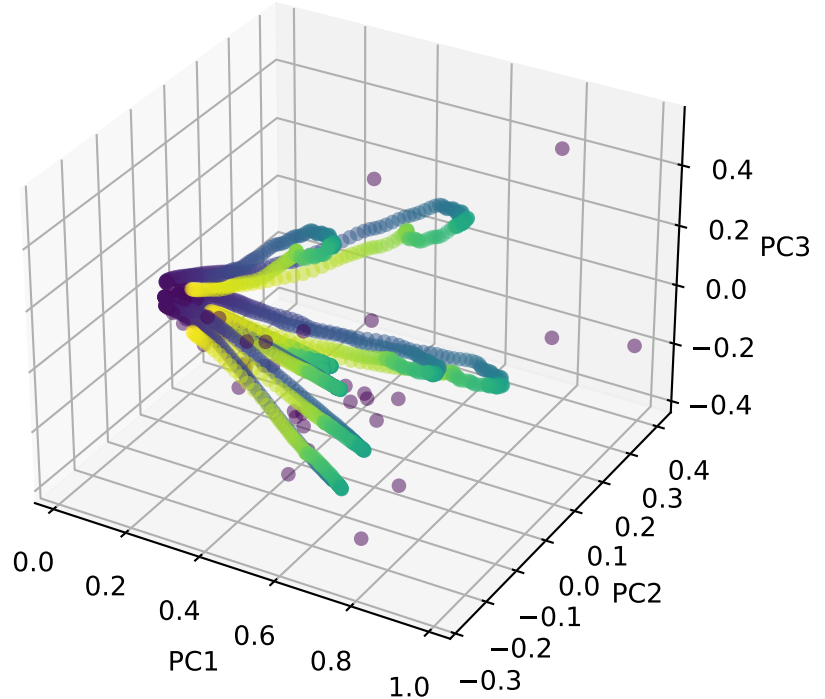
Stride Number: 4

PCA of x_t

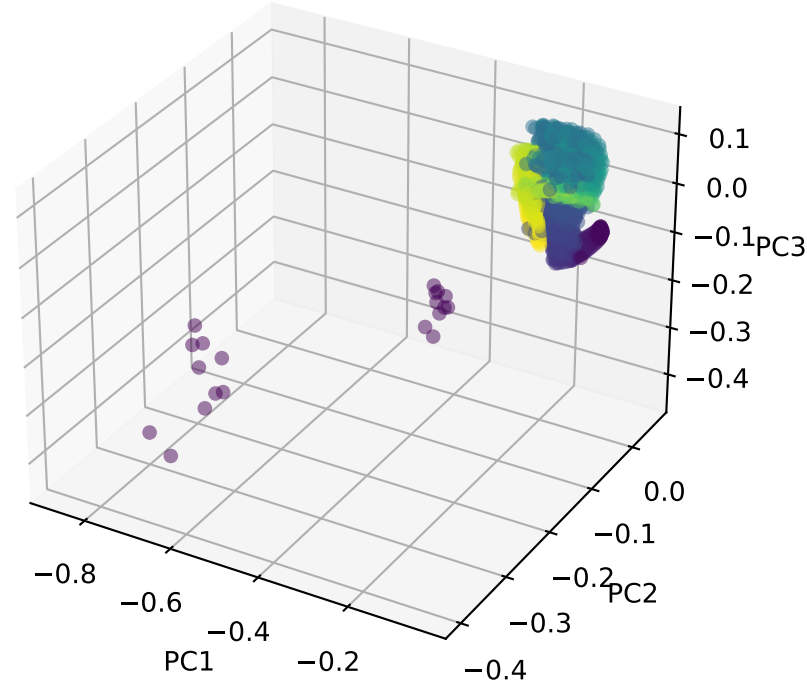
Excitatory Input



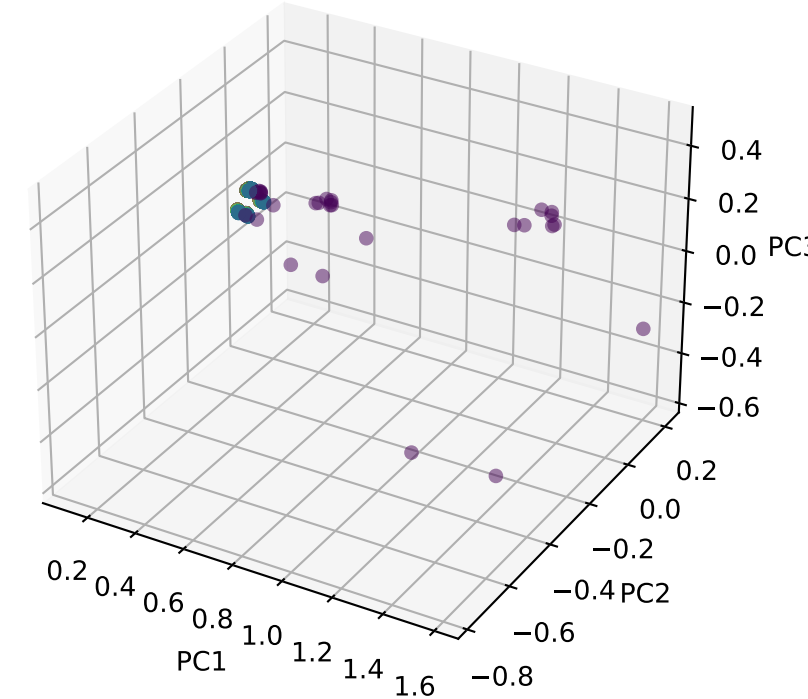
Excitatory Output



Inhibitory Input

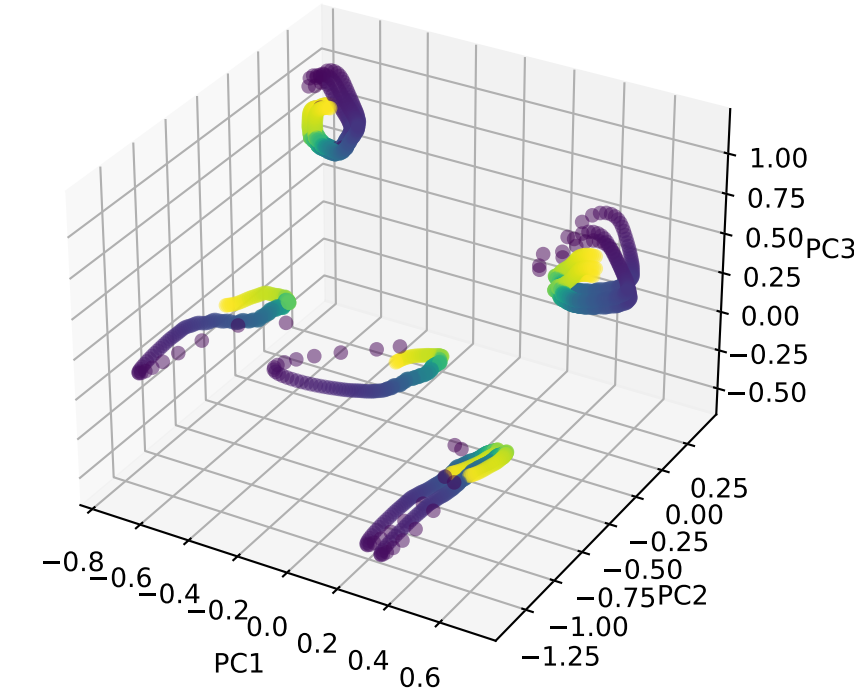


Inhibitory Output

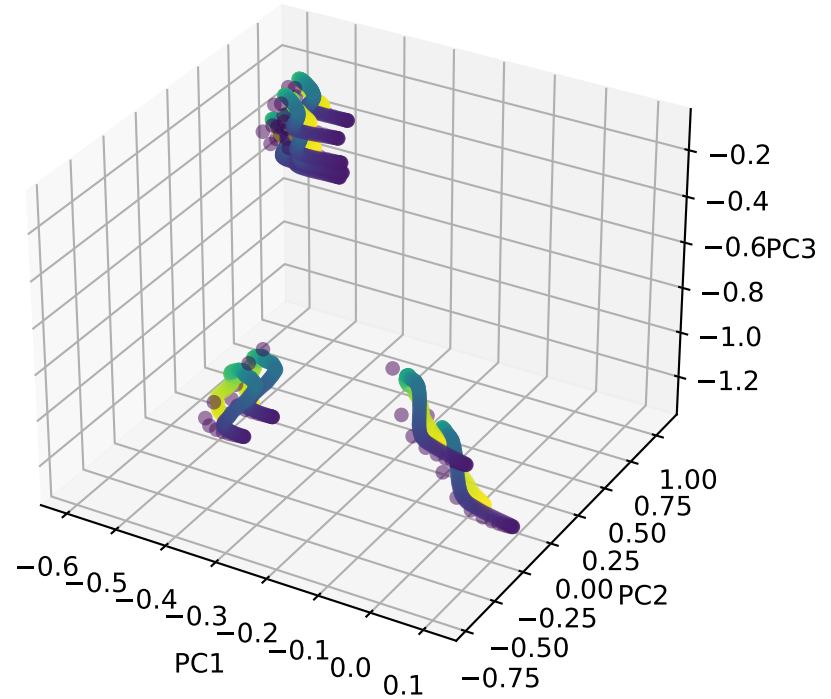


PCA of u_t

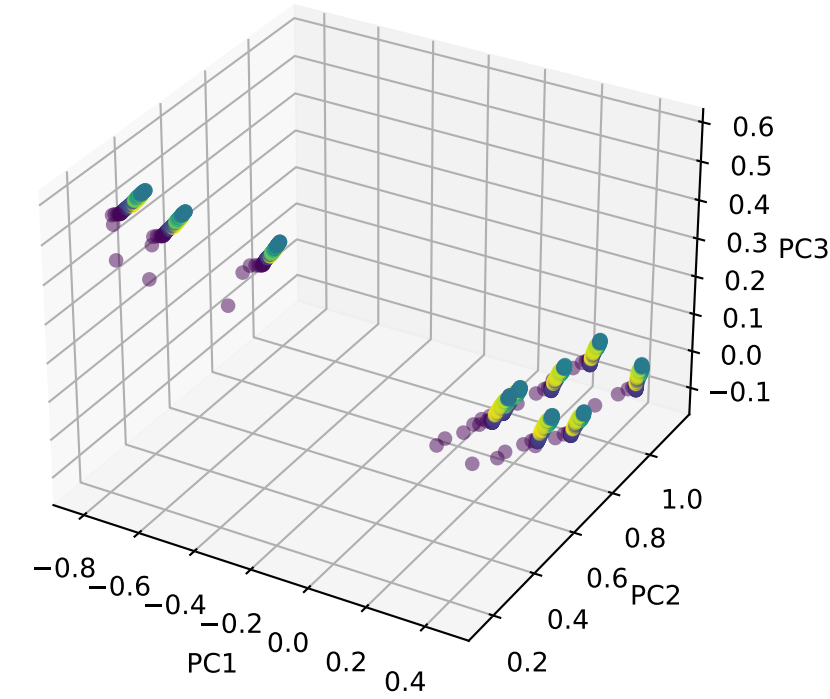
Excitatory Input



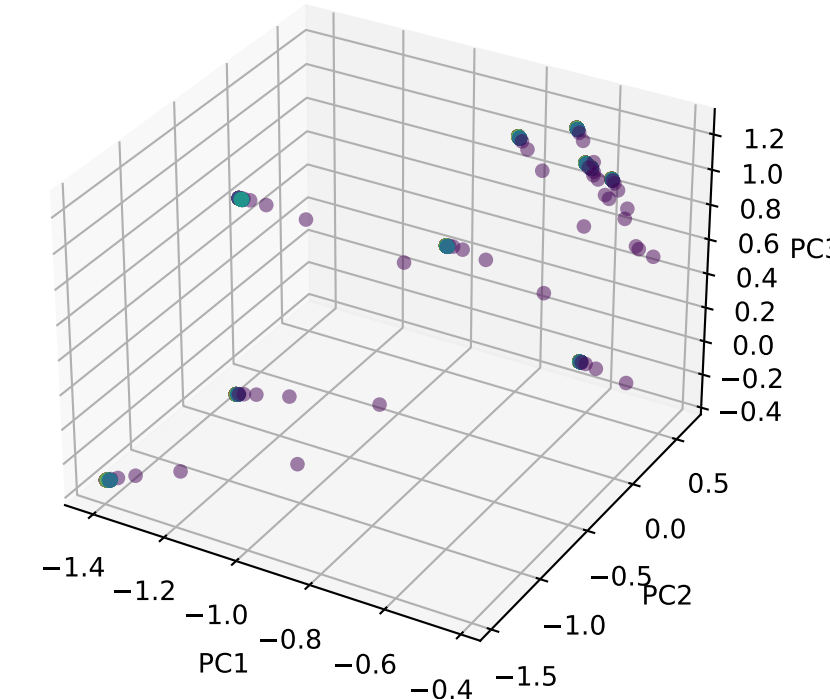
Excitatory Output



Inhibitory Input

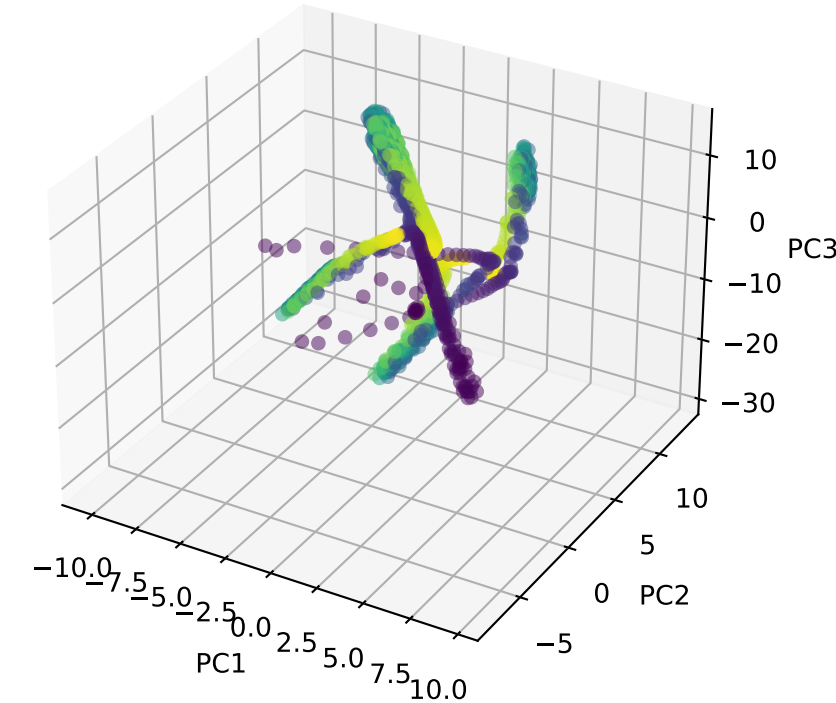


Inhibitory Output

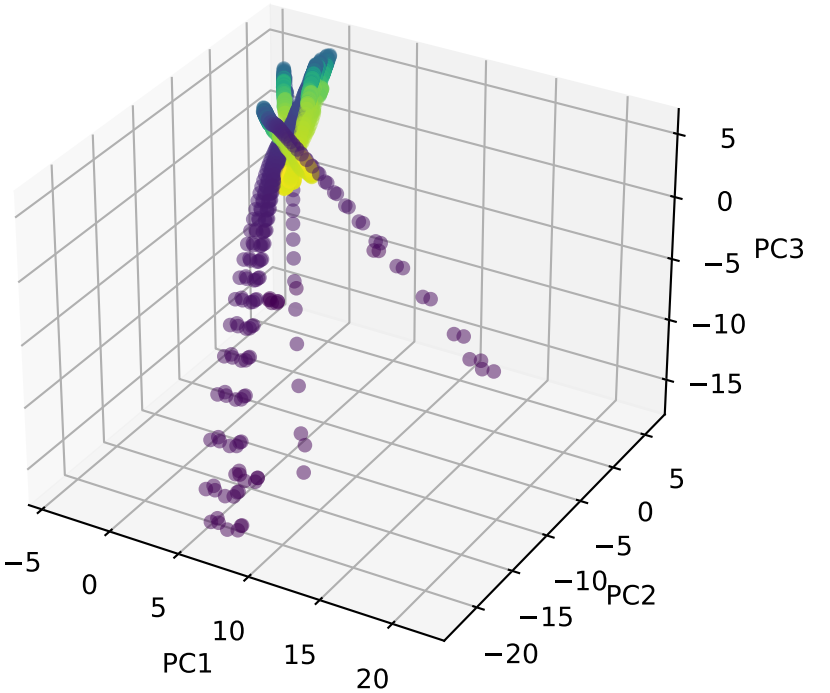


PCA of v_t

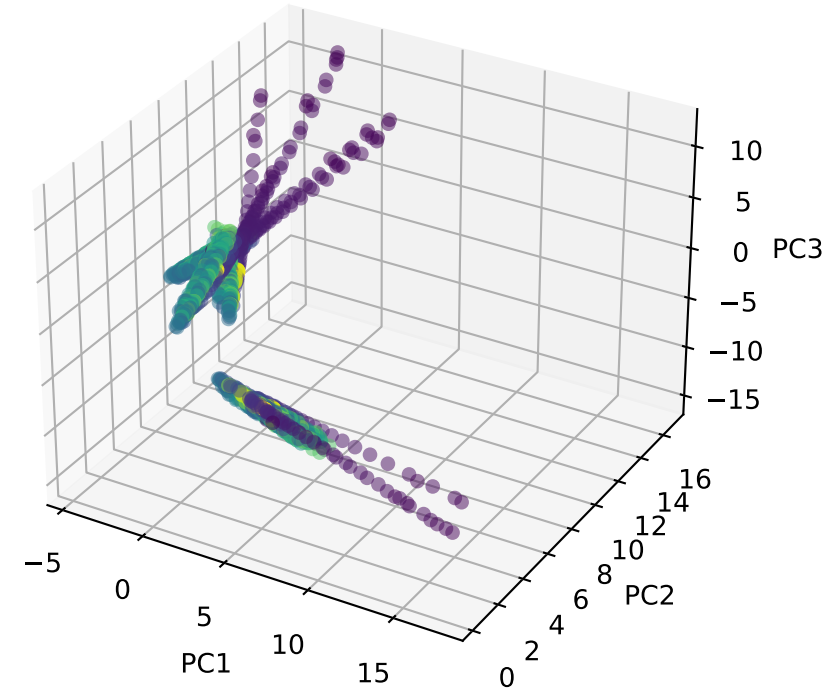
Excitatory Input



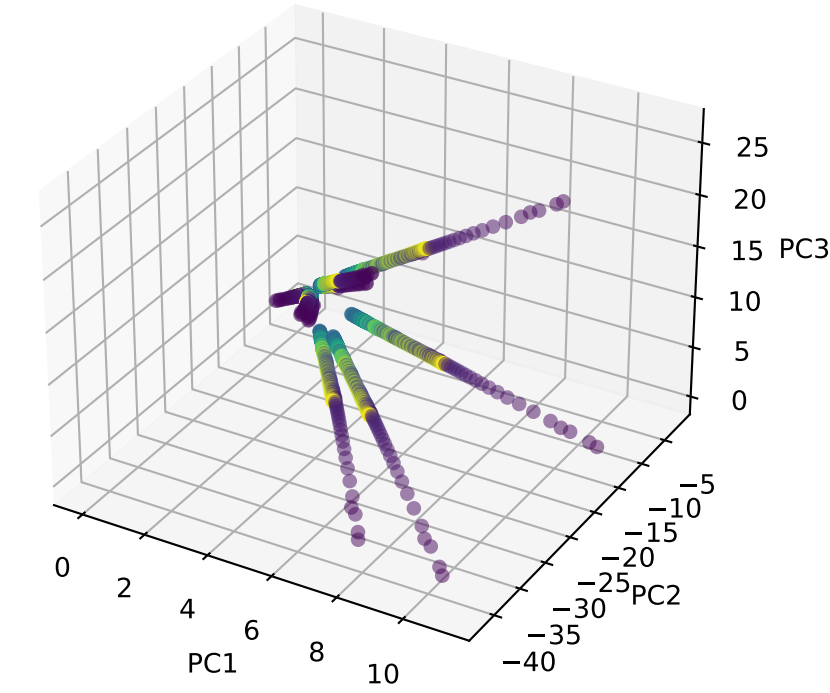
Excitatory Output



Inhibitory Input

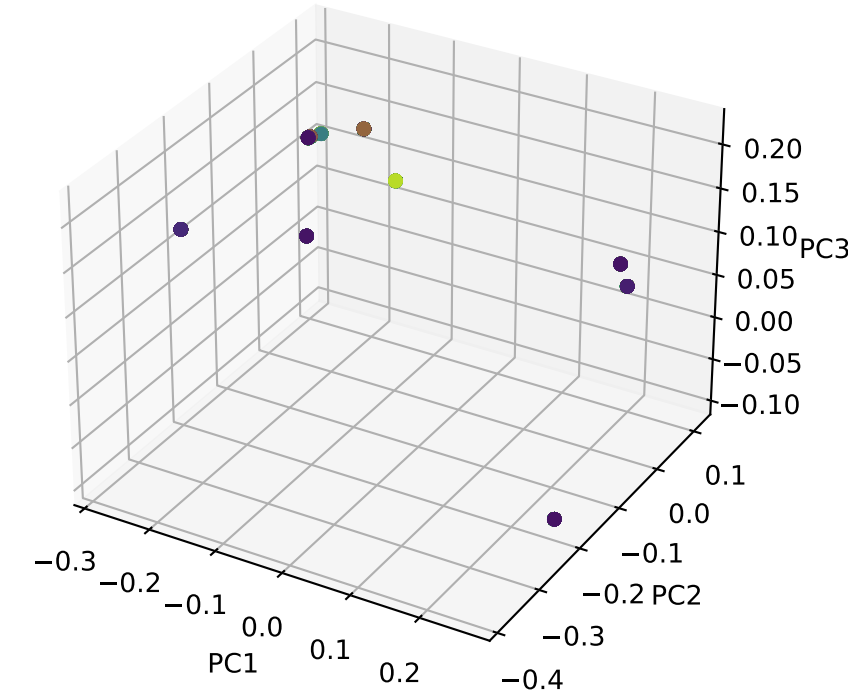


Inhibitory Output

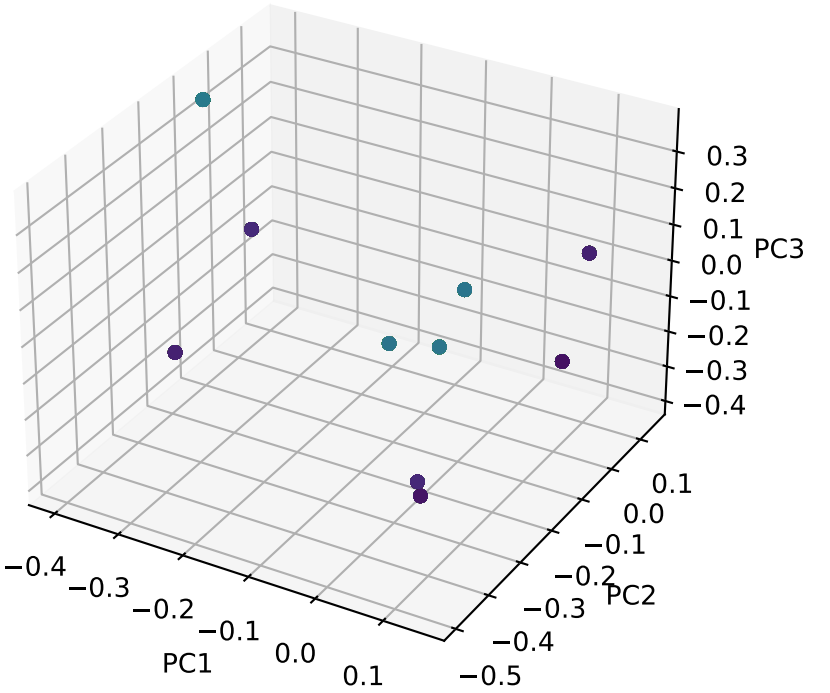


PCA of z_t

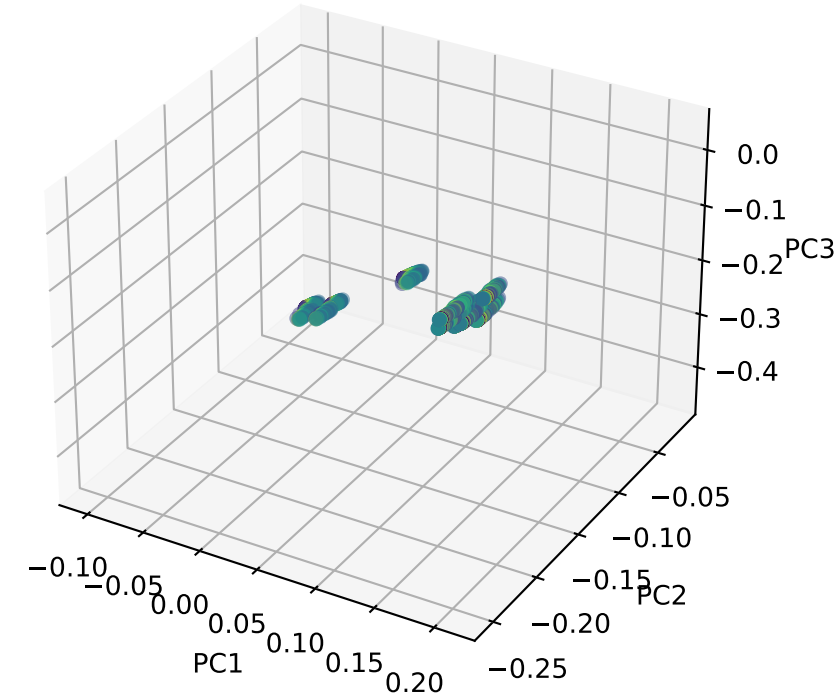
Excitatory Input



Excitatory Output



Inhibitory Input



Inhibitory Output

