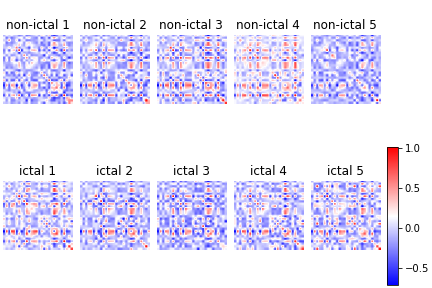
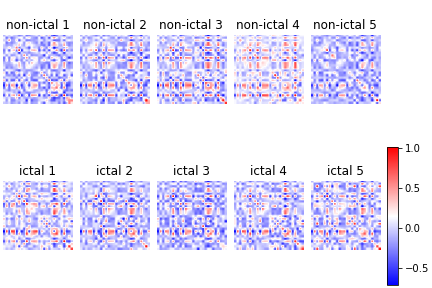
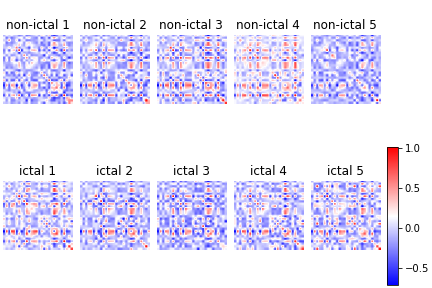


**a.**

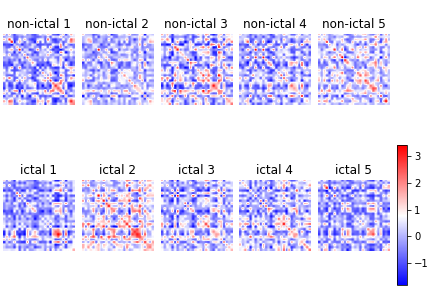
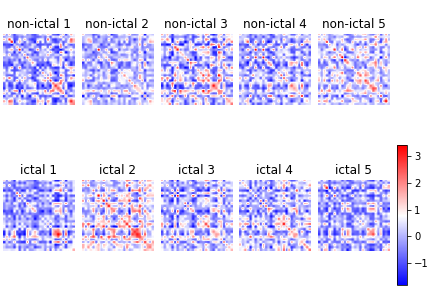
**b.**

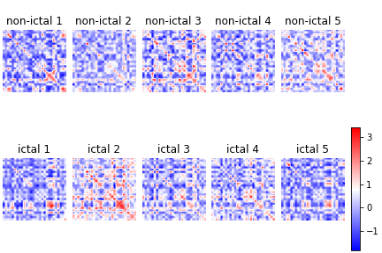


**c.**

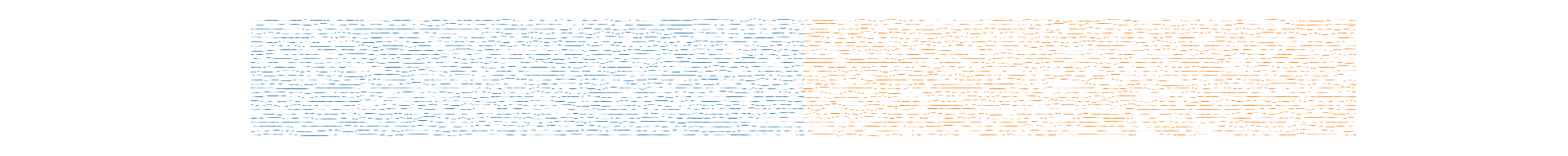


**2 Layer GCN**





**GDE RK4**

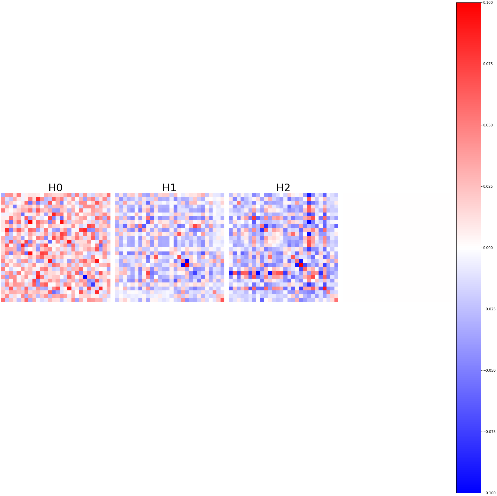
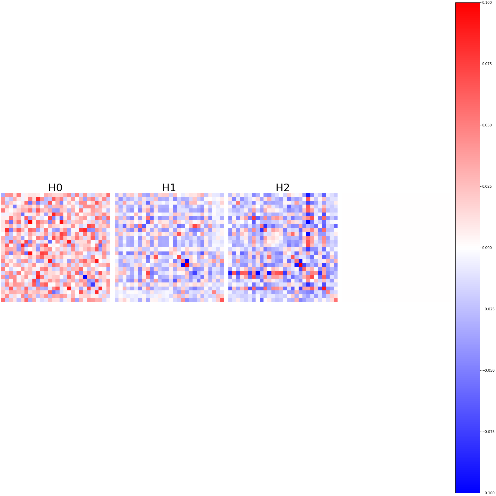
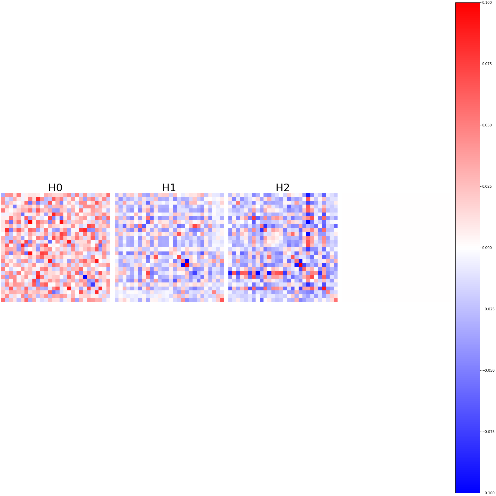


Ictal state starts

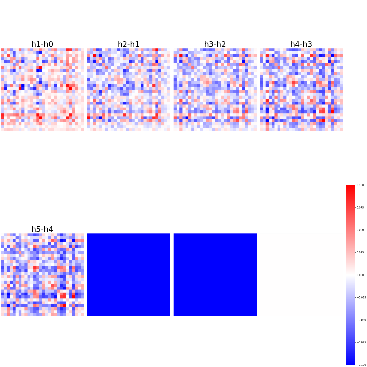
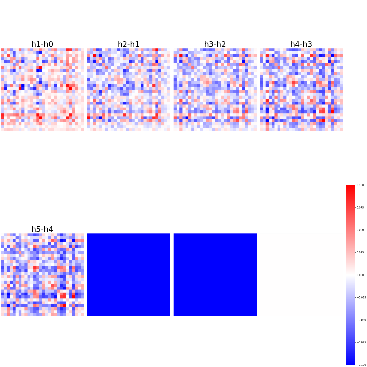
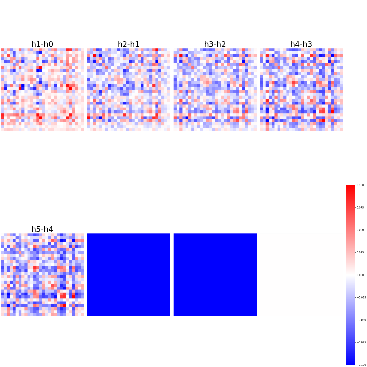
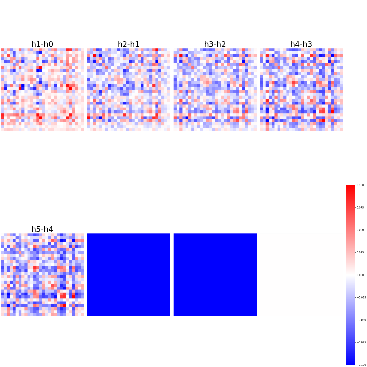
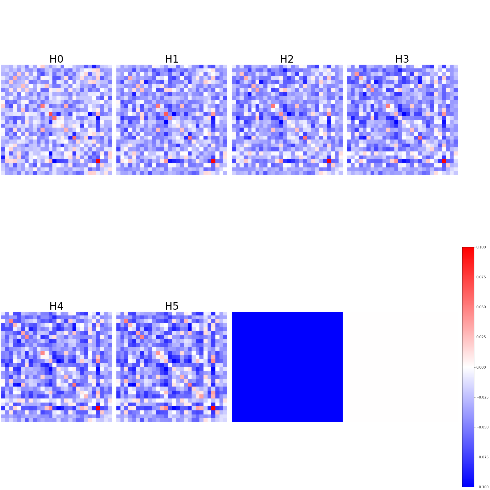
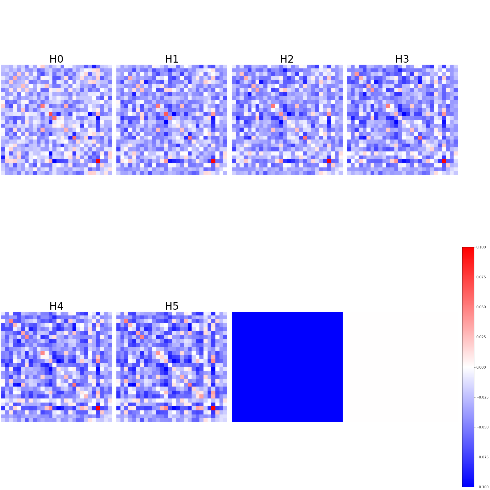
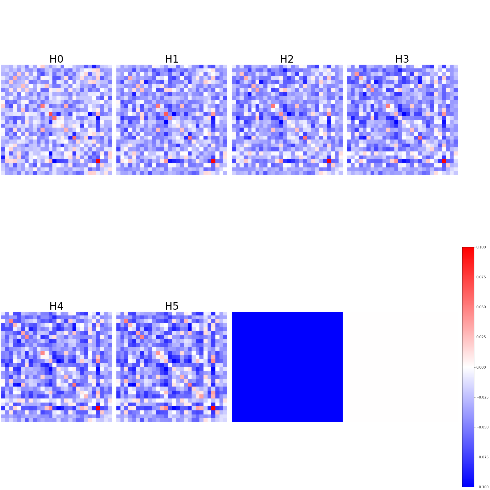
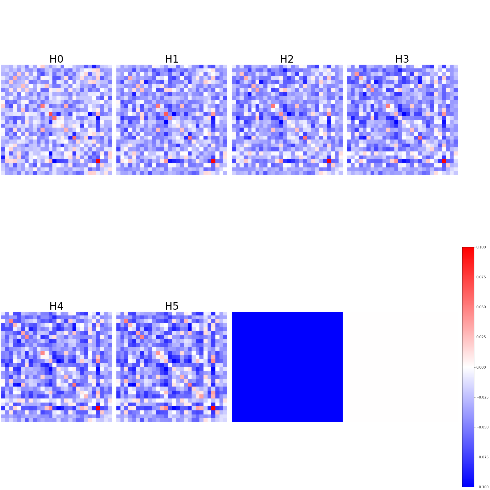
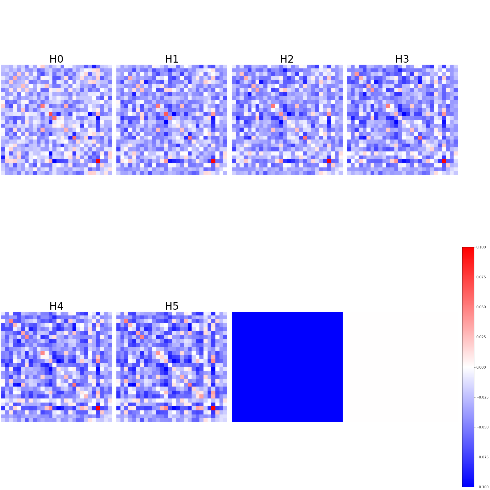
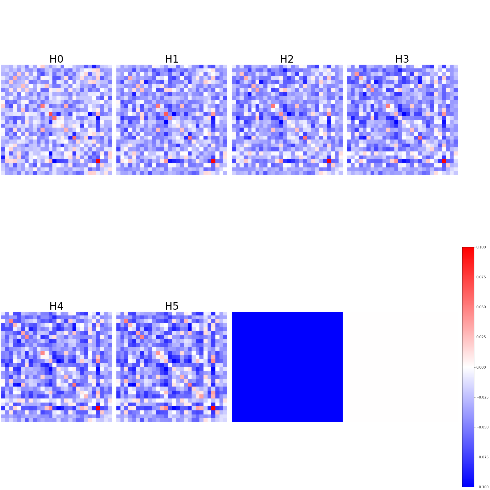
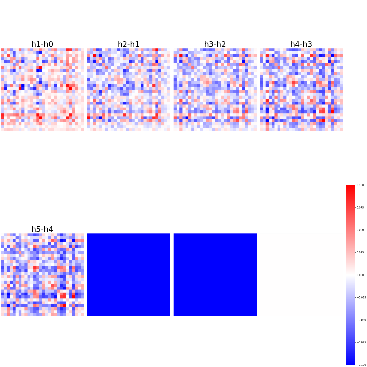
**Raw EEG Signals**

**d.**

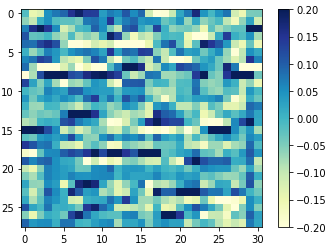
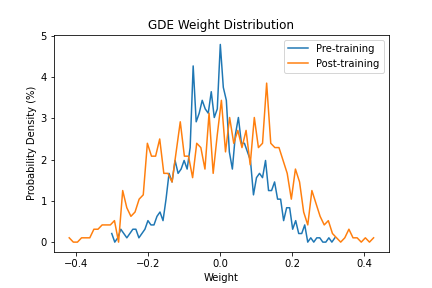
***time***



**Similarity Progression for 2 Layer GCN**



**Similarity Progression for GDE**



2-layer GCN Output Current

**g.**

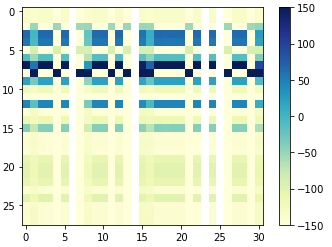
Time

Node

2-layer GCN Input Voltages

**f.**

**e.**



uA

V

Node

Time