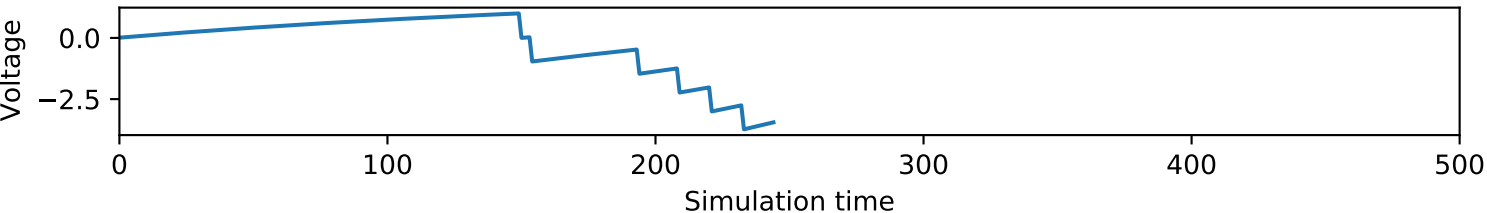
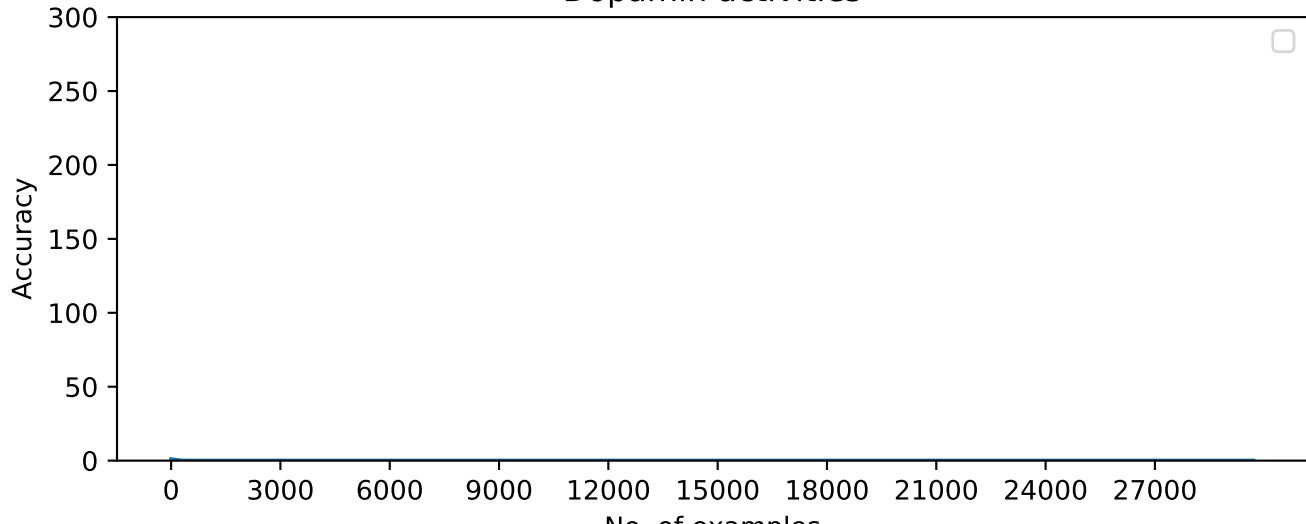
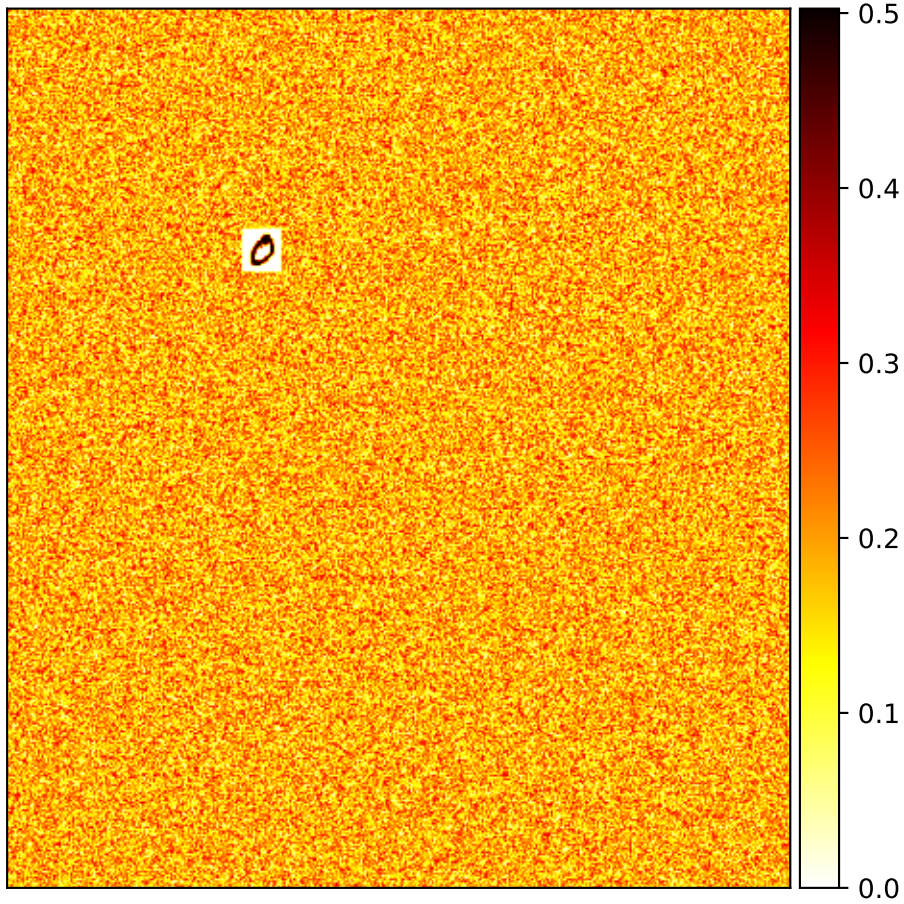


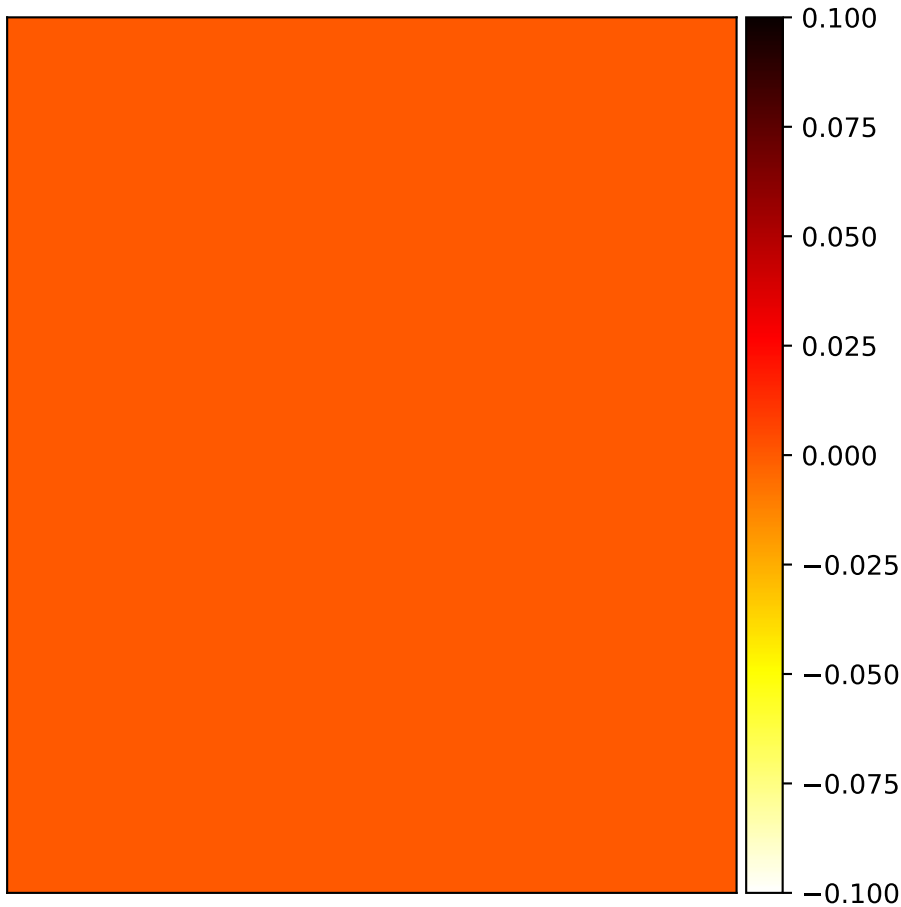
Figure 10 is a line graph showing Voltage (Y-axis) versus Simulation time (X-axis). The Y-axis ranges from 0.0 to -2.5, and the X-axis ranges from 0 to 500. The voltage starts at 0.0 and remains constant until approximately 150 simulation time units. It then drops sharply to about -1.5, followed by a gradual decrease to -2.5 at 200 units. After 200 units, the voltage fluctuates between -2.5 and -3.0, showing a general downward trend.

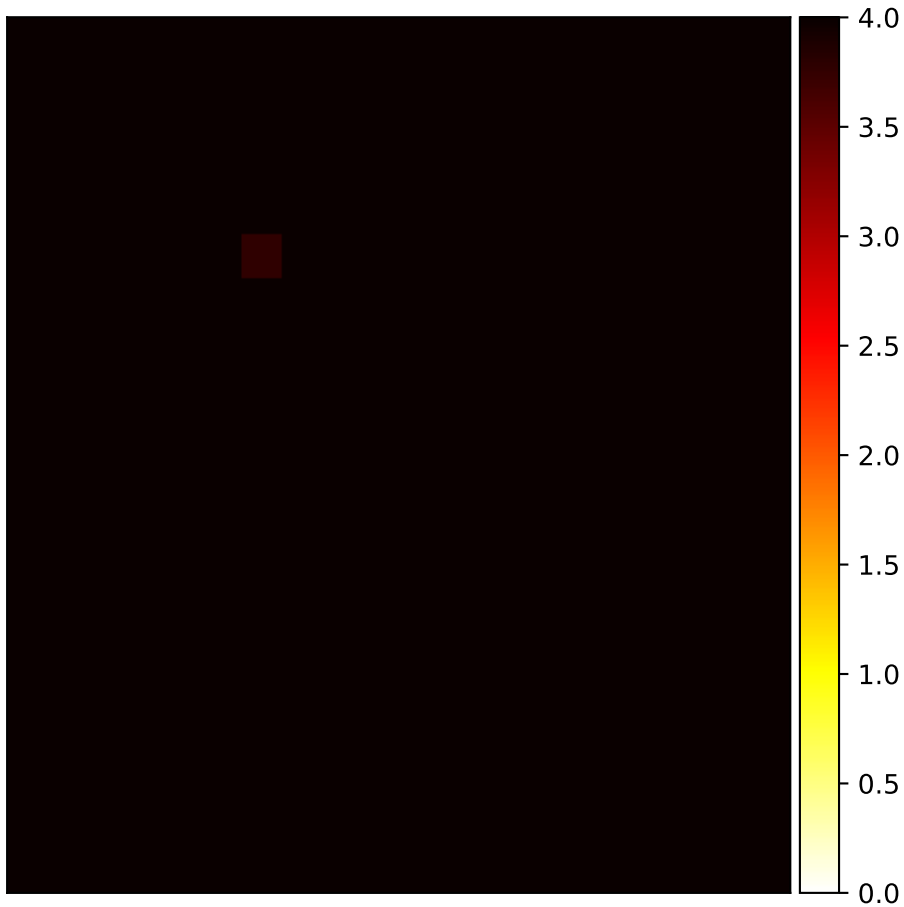


Dopamin activities

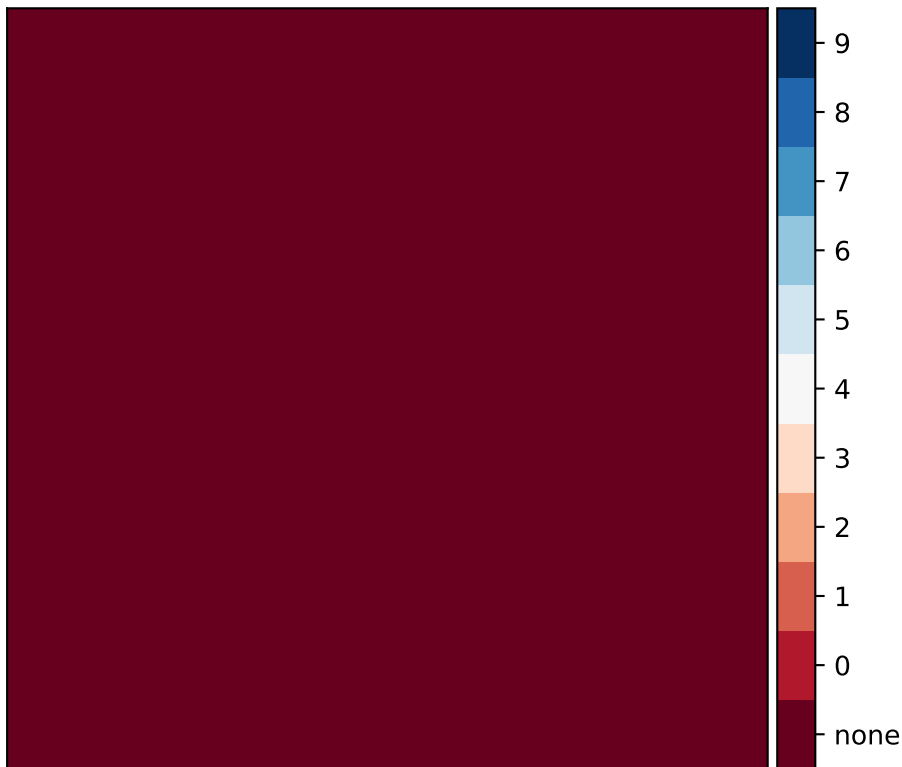








Categorical assignments



Estimated classification accuracy

