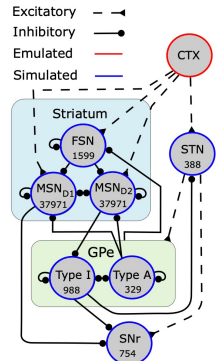
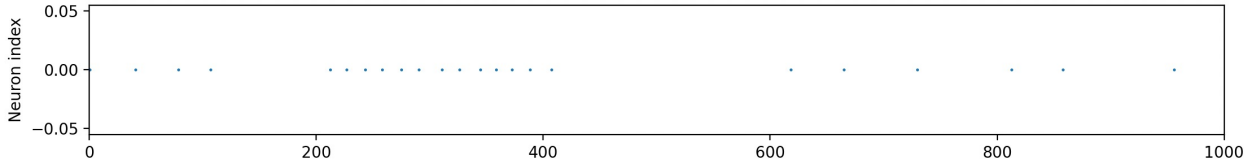


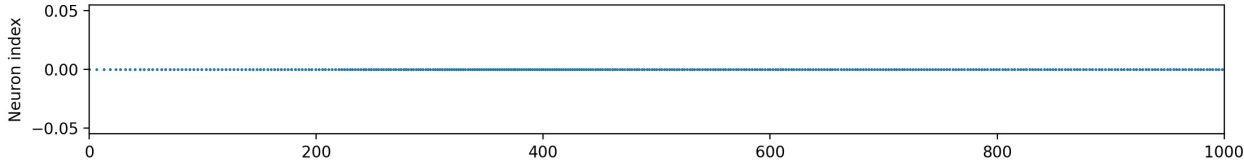
# Neuron Model Test



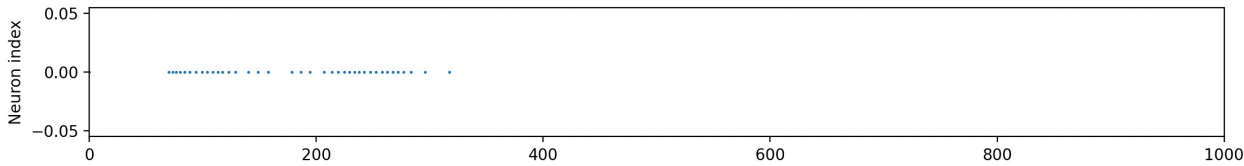
FSN Raster Plot



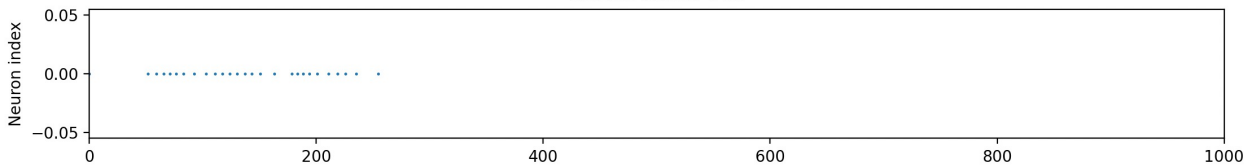
STN Raster Plot



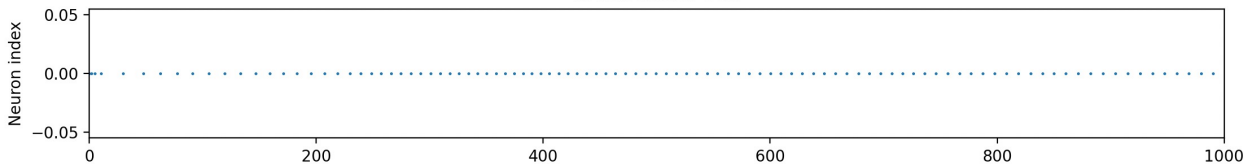
MSND1 Raster Plot



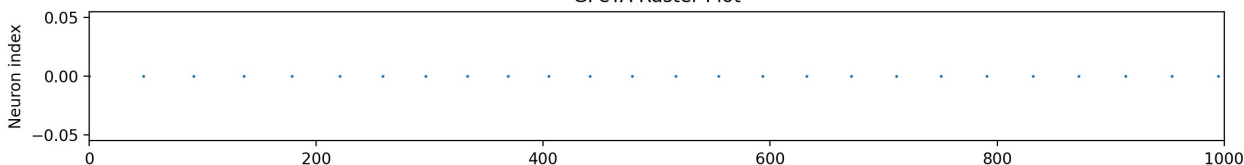
MSND2 Raster Plot



GPeT1 Raster Plot

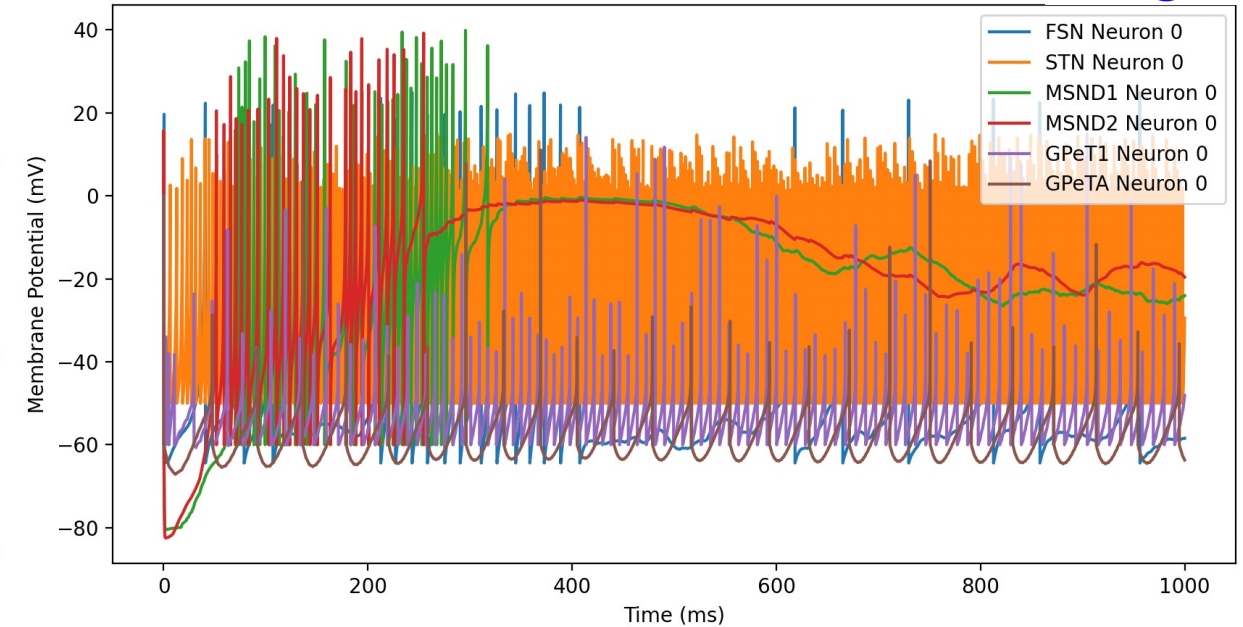


GPeTA Raster Plot



Time (ms)

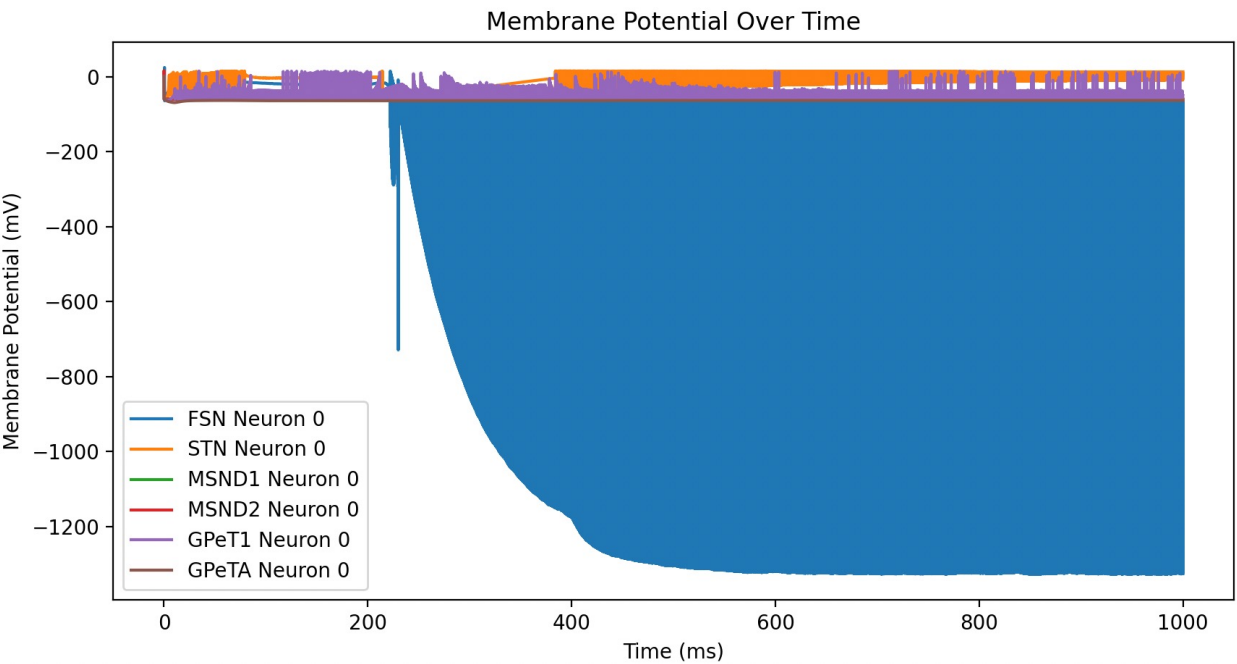
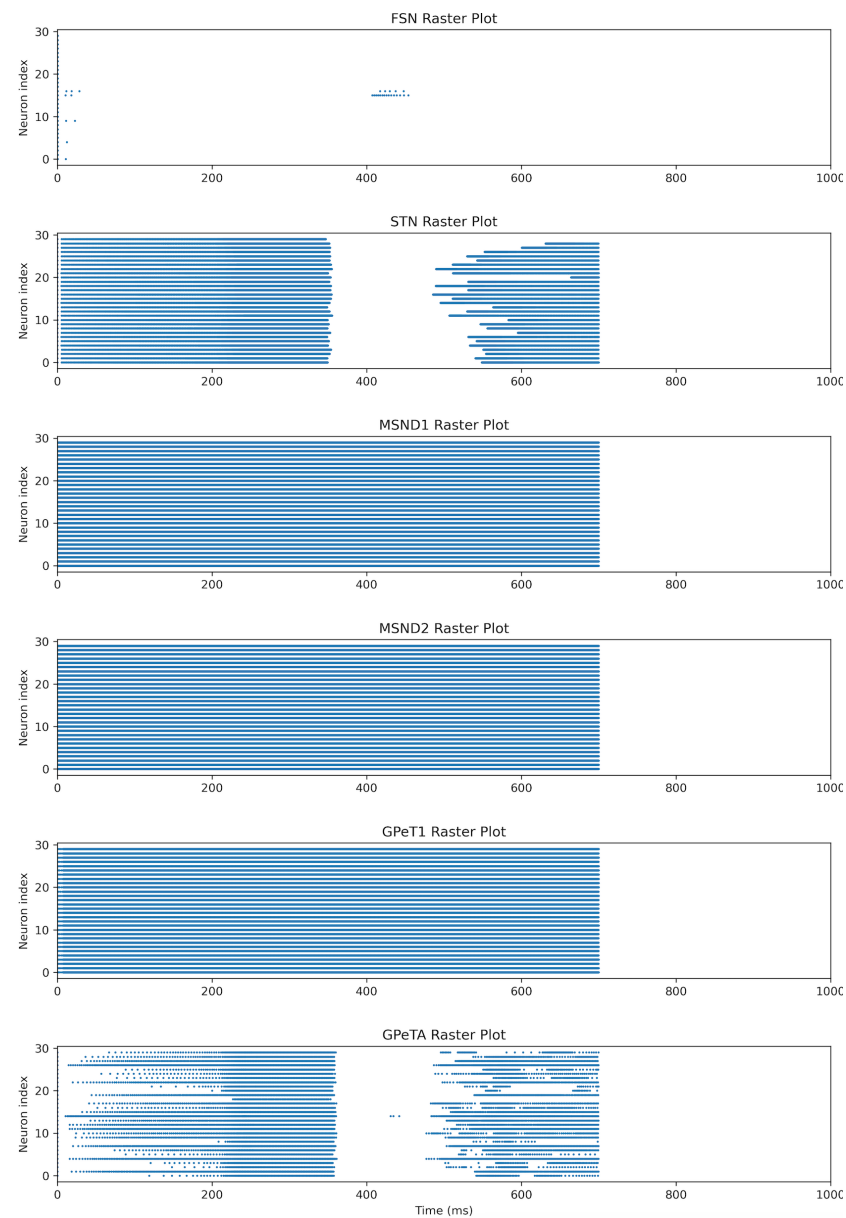
Membrane Potential Over Time



- 모든 연결에 대해 weight를 고정하고 한 개의 뉴런들만 연결한 결과
- MSN의 경우 input이 강해지는 시점에서 firing이 지속되다가 특정 범위의 값을 지속적으로 유지
- STN은 CTX로부터 input을 받기 때문에 firing이 지속됨
- FSN은 CTX, GPe로부터 input을 받기에 firing이 증가하다가 일정 시점부터 감소하는 경향을 보임

# Neuron Model Test

All neurons



■ SNr 제외하고 전체 뉴런 연결한 결과