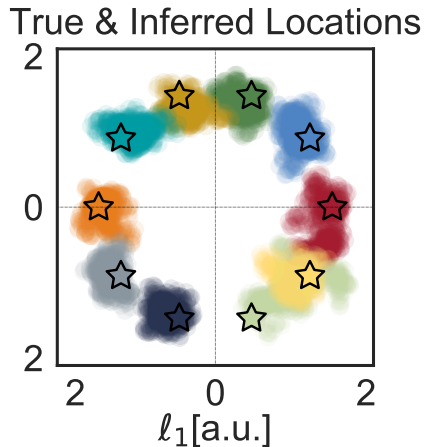
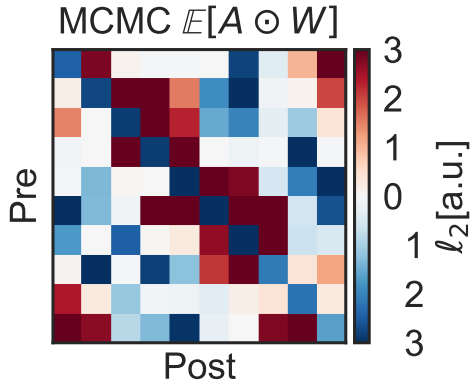
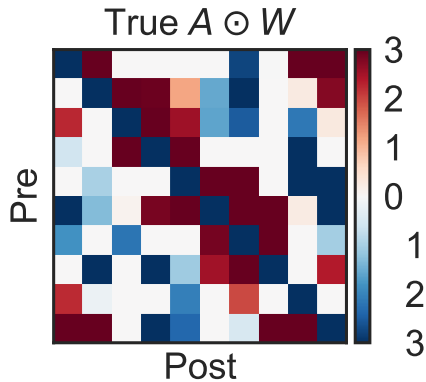
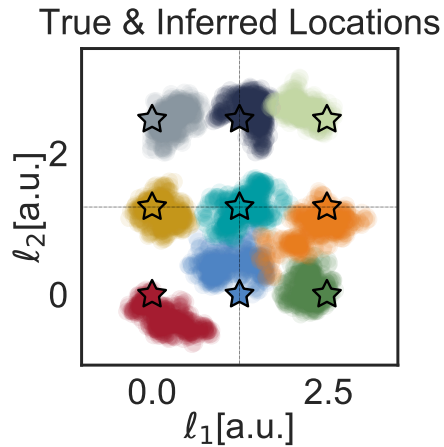
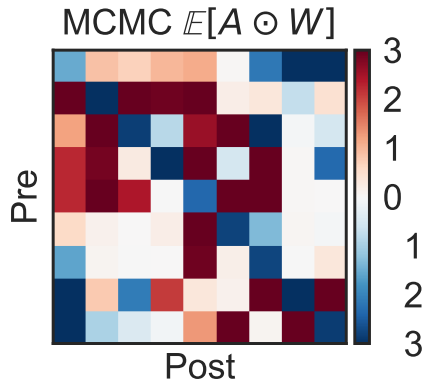
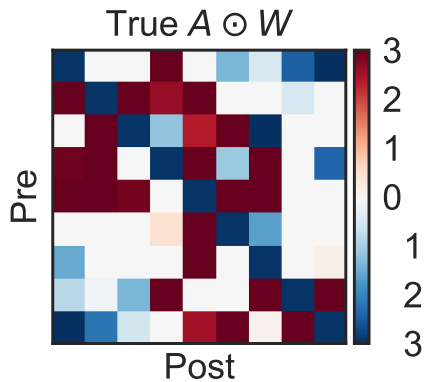


# Latent structure discovery from spike trains

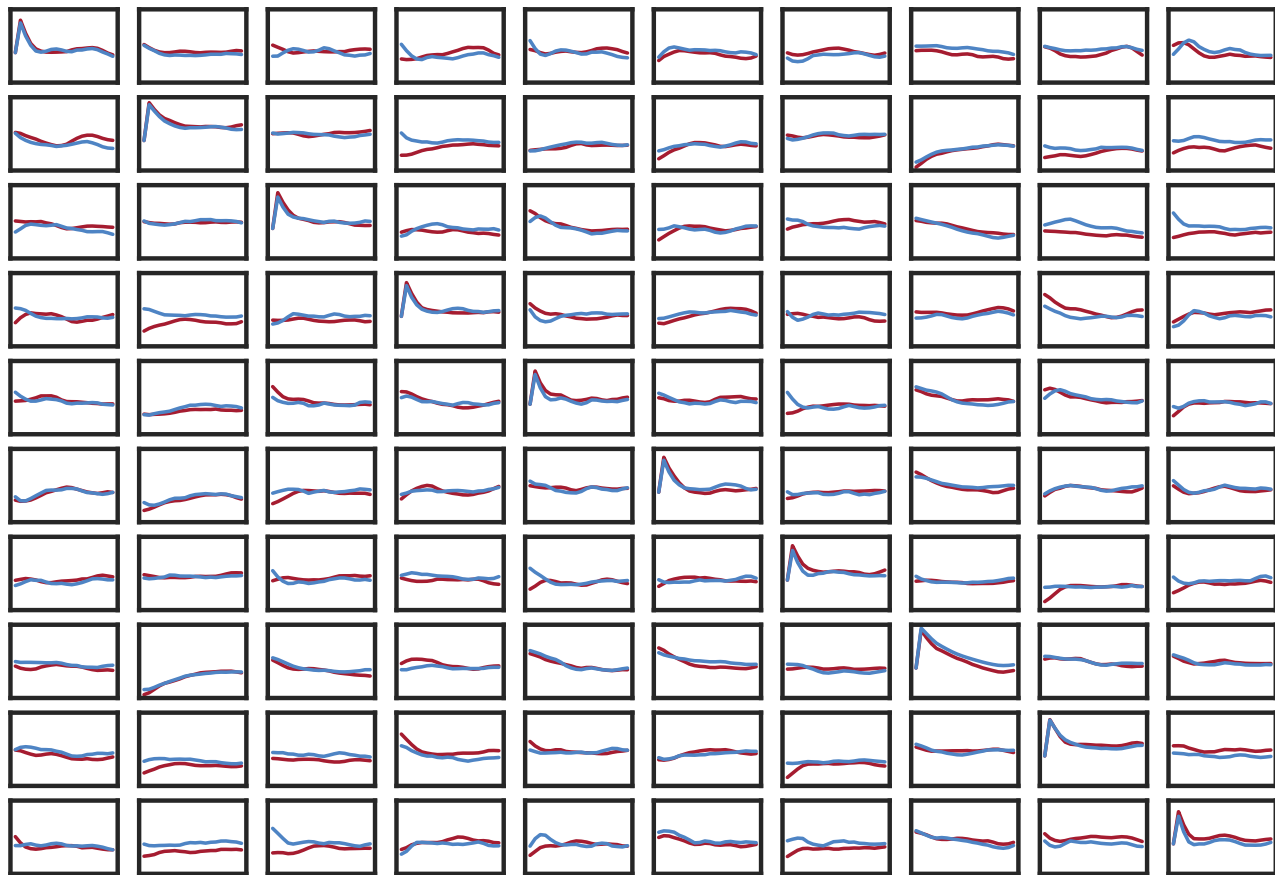




# Time-varying Weights Estimation

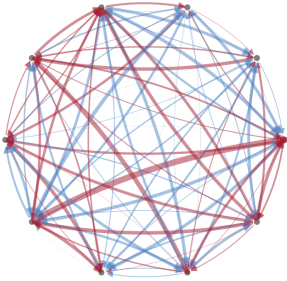


# Cross-correlation of pair-wise spike trains

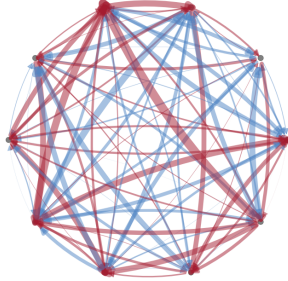


# Weights evolution during learning

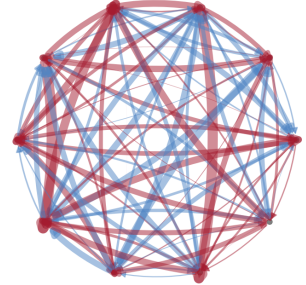
t=200



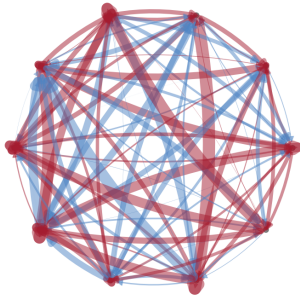
t=400



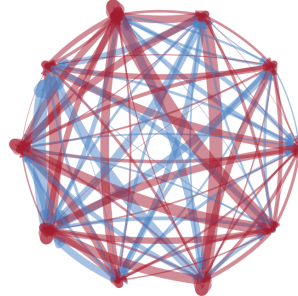
t=600



t=800

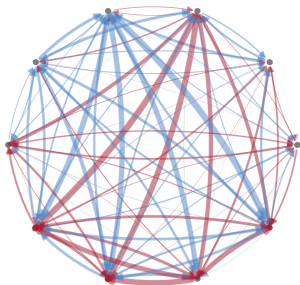


t=1000

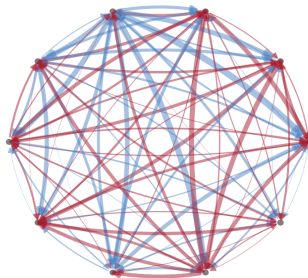


# Weights evolution after learning

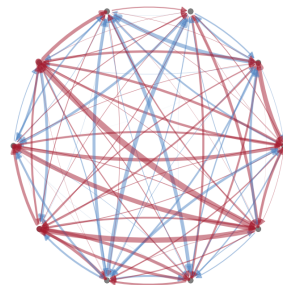
t=200



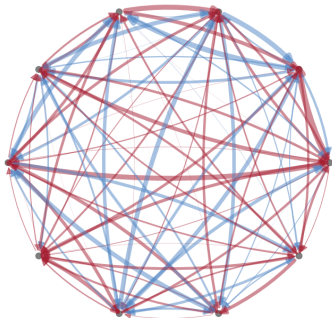
t=400



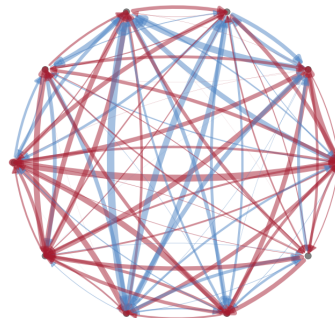
t=600



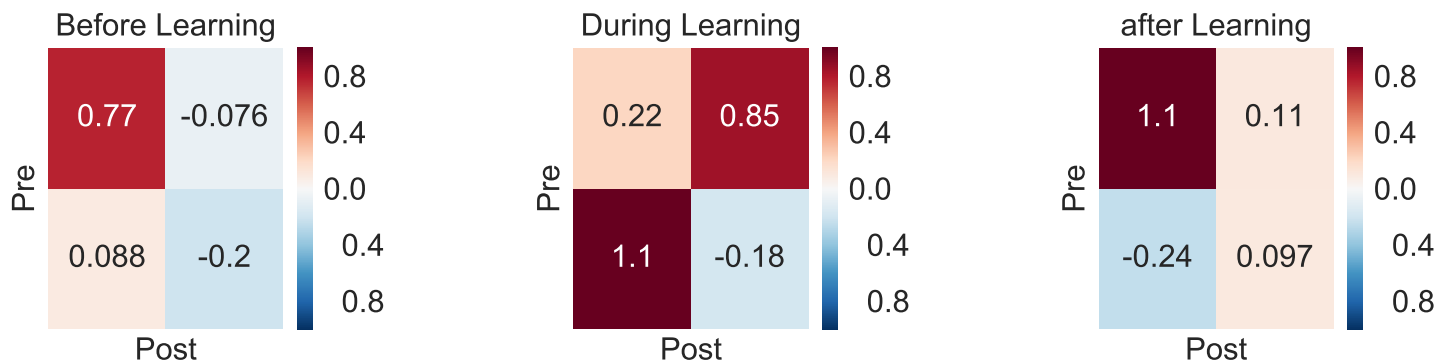
t=800



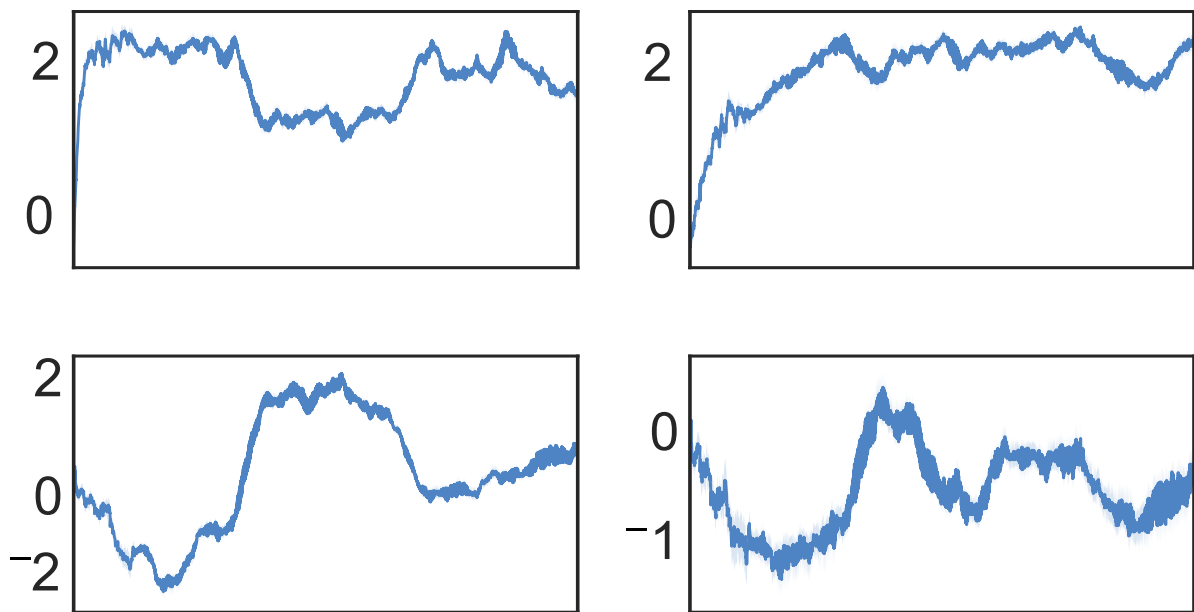
t=1000



# Static model fitted weights of 3 periods



## Time -varying model fitted weights



log likelihood of fitted model

