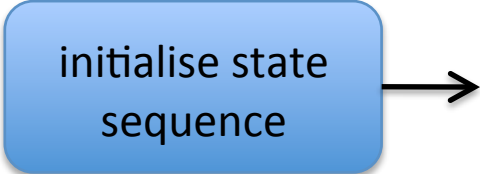


$$\hat{\mathbf{X}}_t$$

initialise state  
sequence



randomly  
choose state  
vector for all  
time points