

Repeat  
250 times

Data Simulation  
 $n\_samples, \theta,$   
 $N, p, \delta, \Gamma, dists$

starting  
parameters  
parameter  
transformation

Model Fitting  
 $mllk, data, \theta^*, N, p,$   
 $dists$

parameter  
transformation

Visualization  
 $data, \theta, N, p, \delta, dists$

Global state decoding  
 $data, \theta, N, p, \delta, \Gamma,$   
 $dists$

decoding  
accuracies

Performance output

Aggregated outputs

