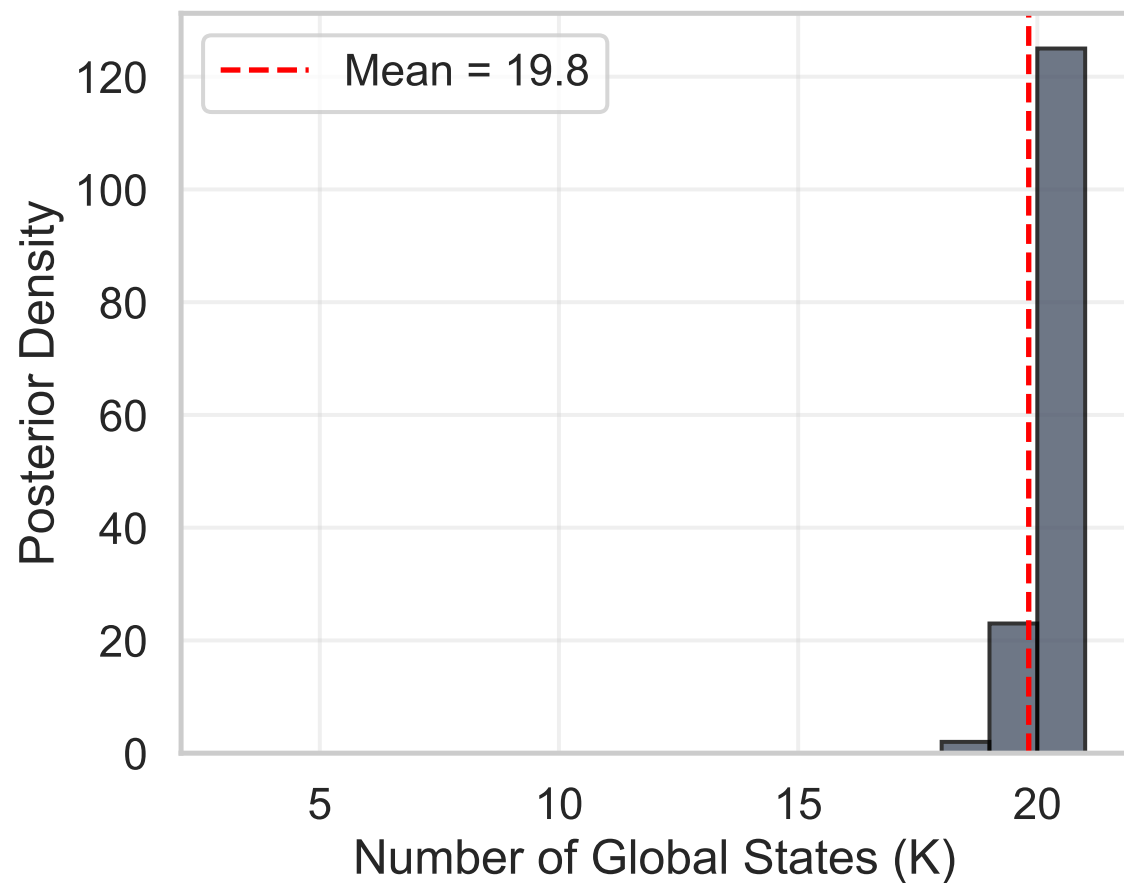**Posterior over Number of States K**

HDP-HMM: Global State Count · iDP-HMM: Fragmented State Count

Mean = 19.8

Mean = 1052.6

Posterior Density

Number of Global States (K)

Total States Across All Subjects