Posterior distribution for the number of clusters for $\alpha = 1, N = (20, 200, 20000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 2000, 20000, 2000, 2000, 2000, 2000, 2000, 20000$

