

Fig. 1 - Log-Likelihood of Held-Out Data at 20, 40, 80, and 120 Topics

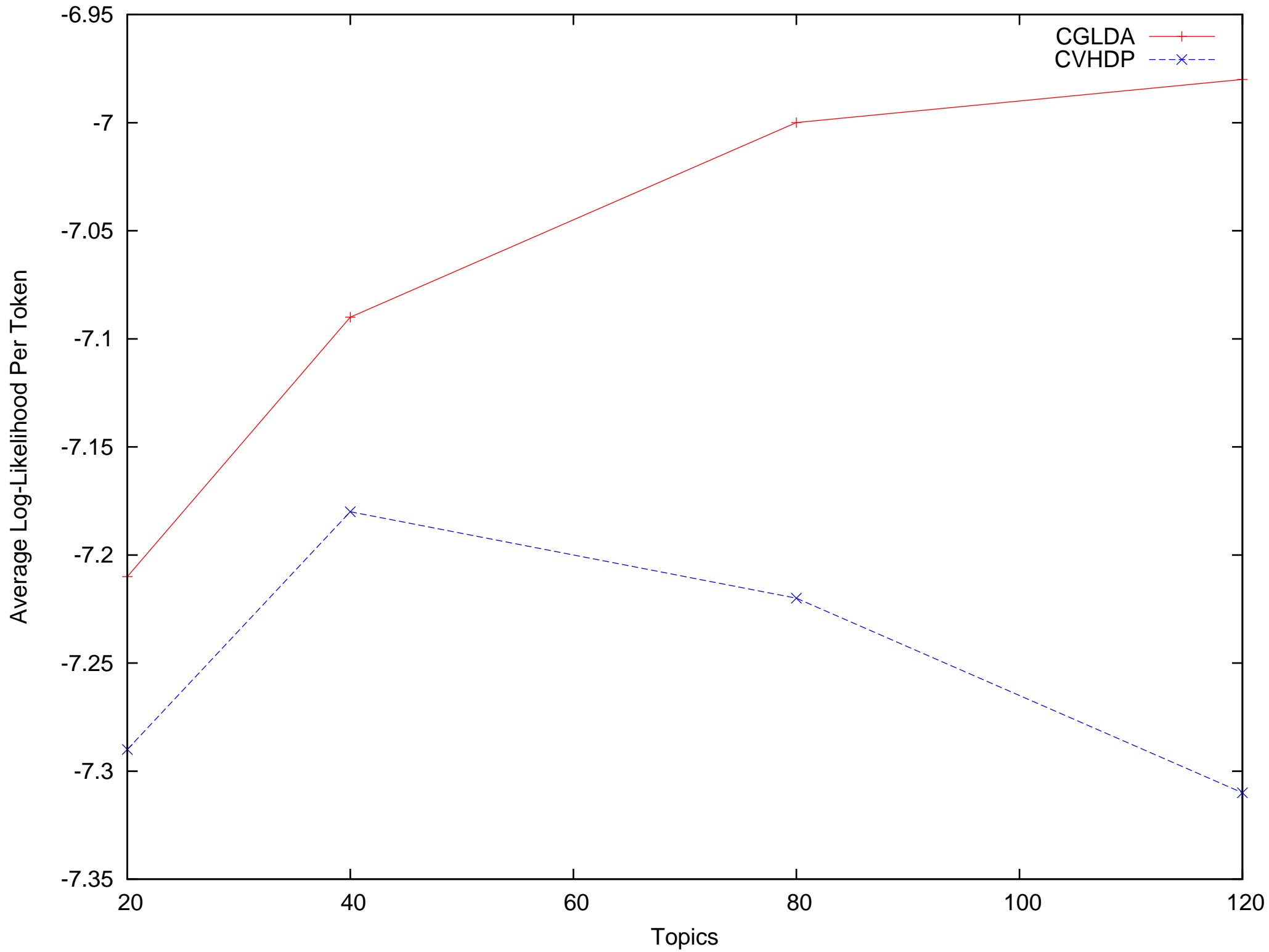


Fig. 2 - Log-Likelihood of Held-Out Data at 120 Topics

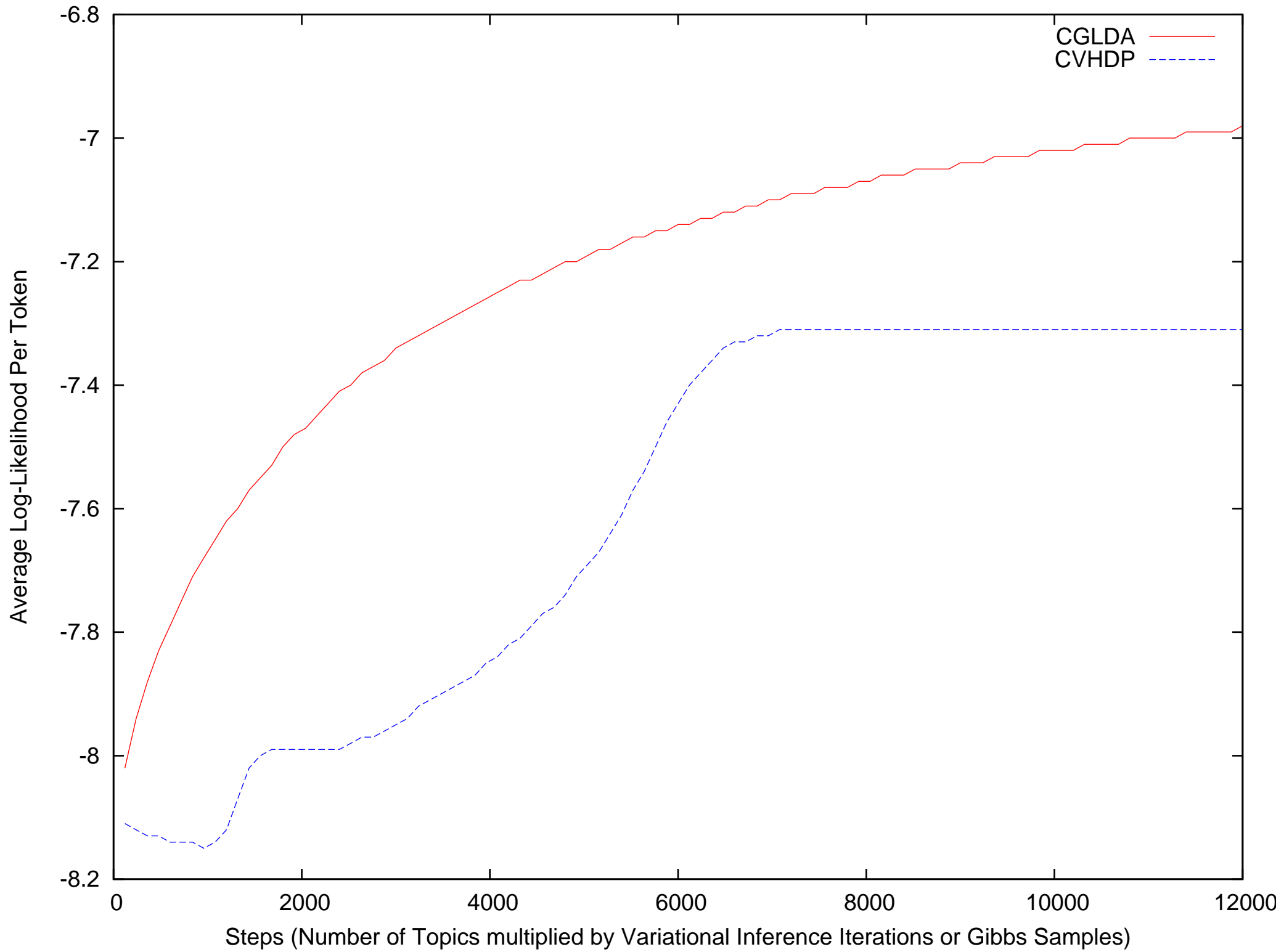


Fig. 3.1 - CGLDA Evolution of Number of Token Assignments to Topics from Initialization (Bottom) to Convergence (Top)

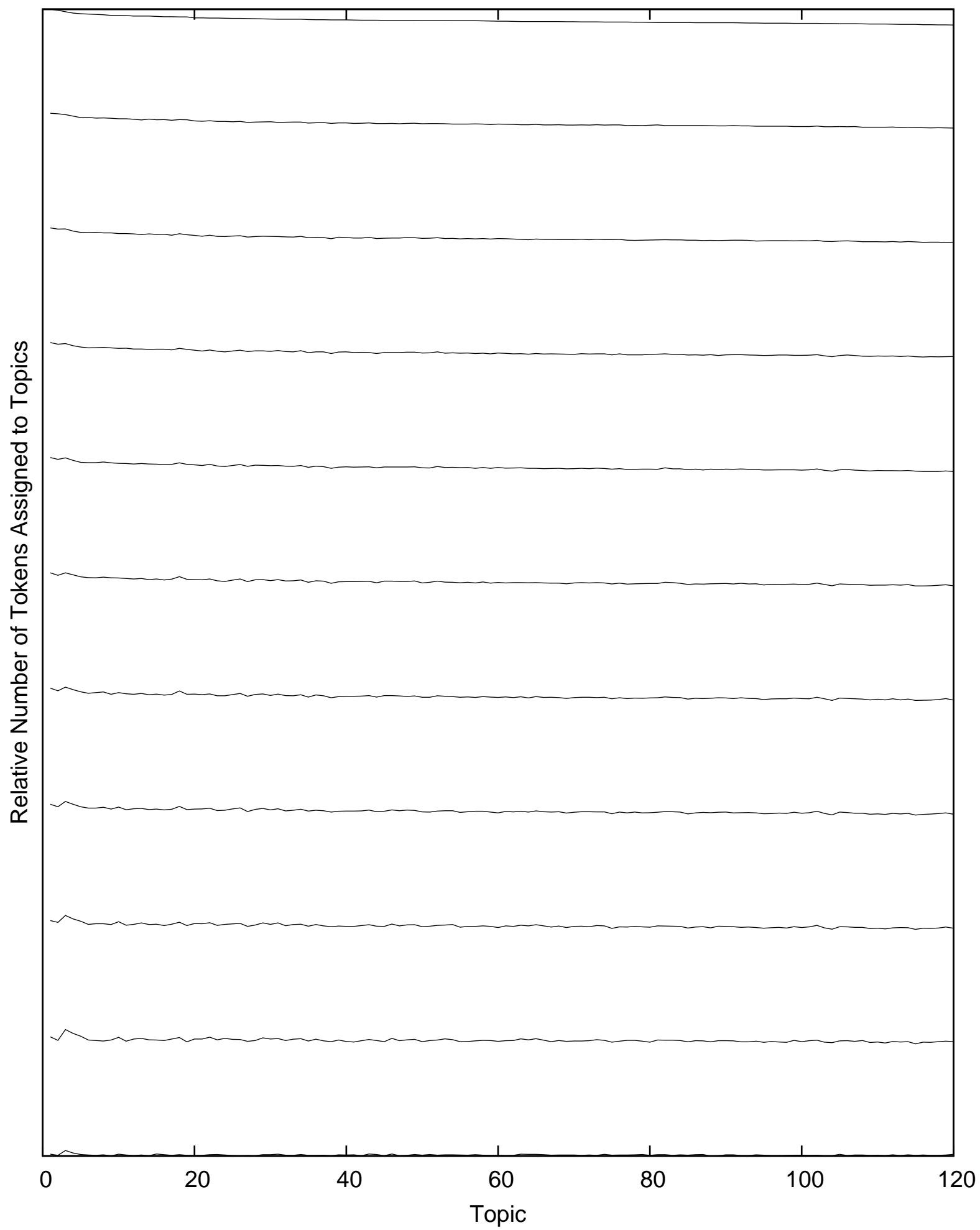


Fig. 3.2 - CVHDP Evolution of Number of Token Assignments to Topics from Initialization (Bottom) to Convergence (Top)

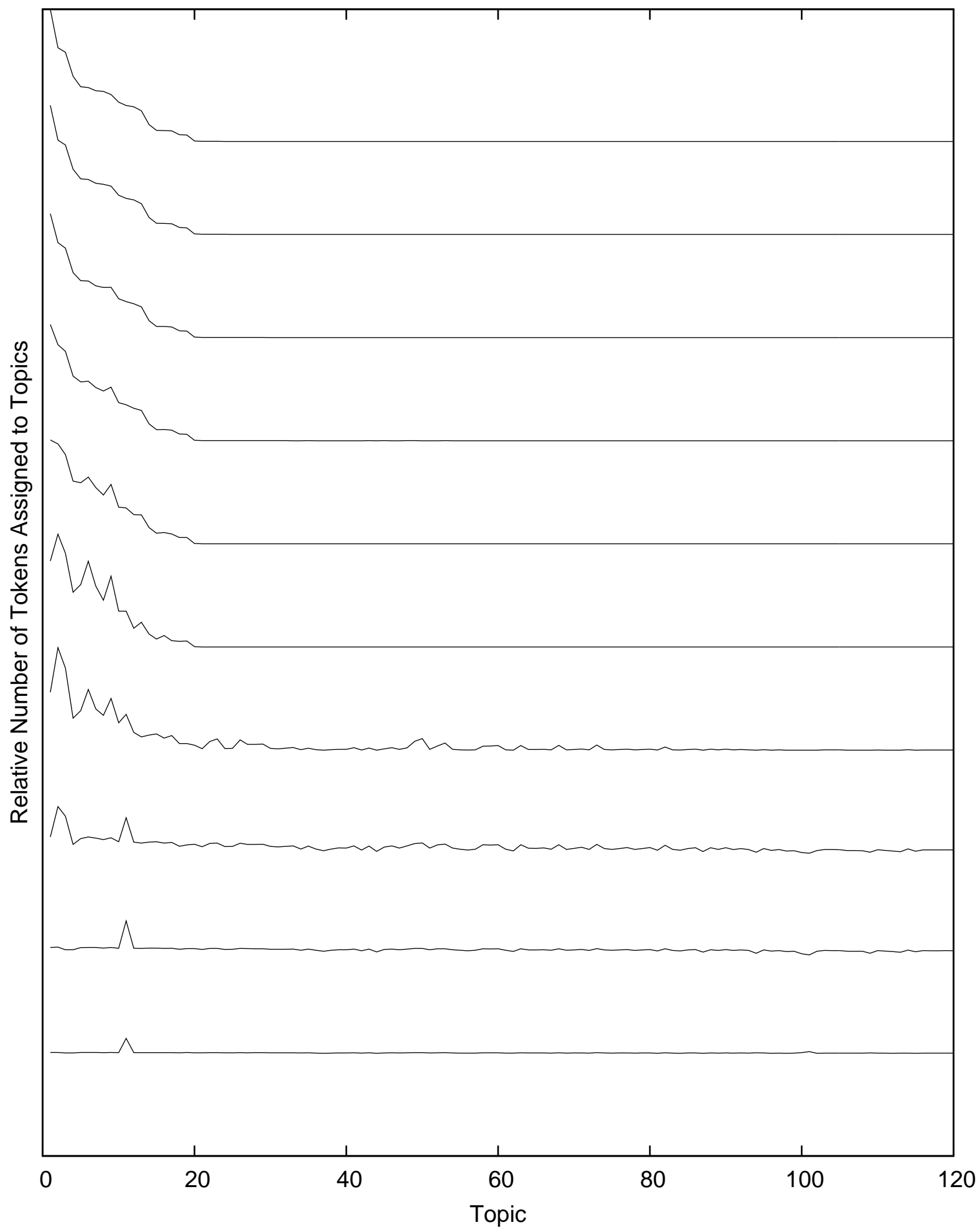


Fig. 4 - Computation Time for 12,000 Steps at 20, 40, 80, and 120 Topics
(Steps is Number of Topics multiplied by Variational Inference Iterations or Gibbs Samples)

