Training set with 13 observations, 2-17 states, 100 iterations (no random  $\pi$ ???) Training set of

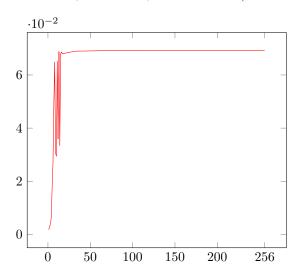


Figure 1: Log Likelihood of models run with n numbers of states

first 10 (shuffled), 82 events, 76 unique logs

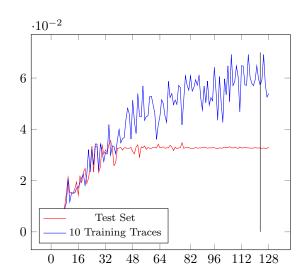


Figure 2: Log Likelihood of models run with n numbers of states, when trained with a small training set