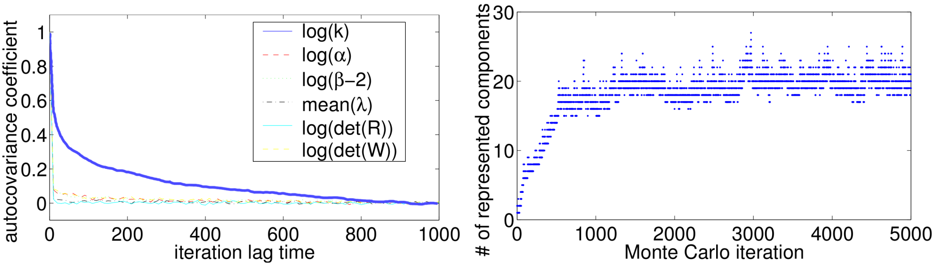


Figure 2: The left plot shows the auto-covariance length for various parameters in the Markov Chain, based on $10^5$ iterations. Only the number of represented classes, $k_{\mathrm{rep}}$, has a significant correlation; the effective correlation length is approximately 270, computed as the sum of covariance coefficients between lag $-1000$ and 1000. The right hand plot shows the number of represented classes growing during the initial phase of sampling. The initial 3000 iterations are discarded.