

$P(0.02) =$ 

0.980	0.008	0.008	0.004
0.006	0.985	0.007	0.002
0.011	0.015	0.972	0.002
0.011	0.008	0.004	0.977

$P(0.15) =$ 

0.871	0.054	0.050	0.025
0.041	0.895	0.051	0.013
0.075	0.100	0.811	0.014
0.076	0.054	0.027	0.843

$P(0.3) =$ 

0.765	0.102	0.088	0.045
0.077	0.810	0.088	0.025
0.131	0.176	0.666	0.027
0.135	0.100	0.052	0.713

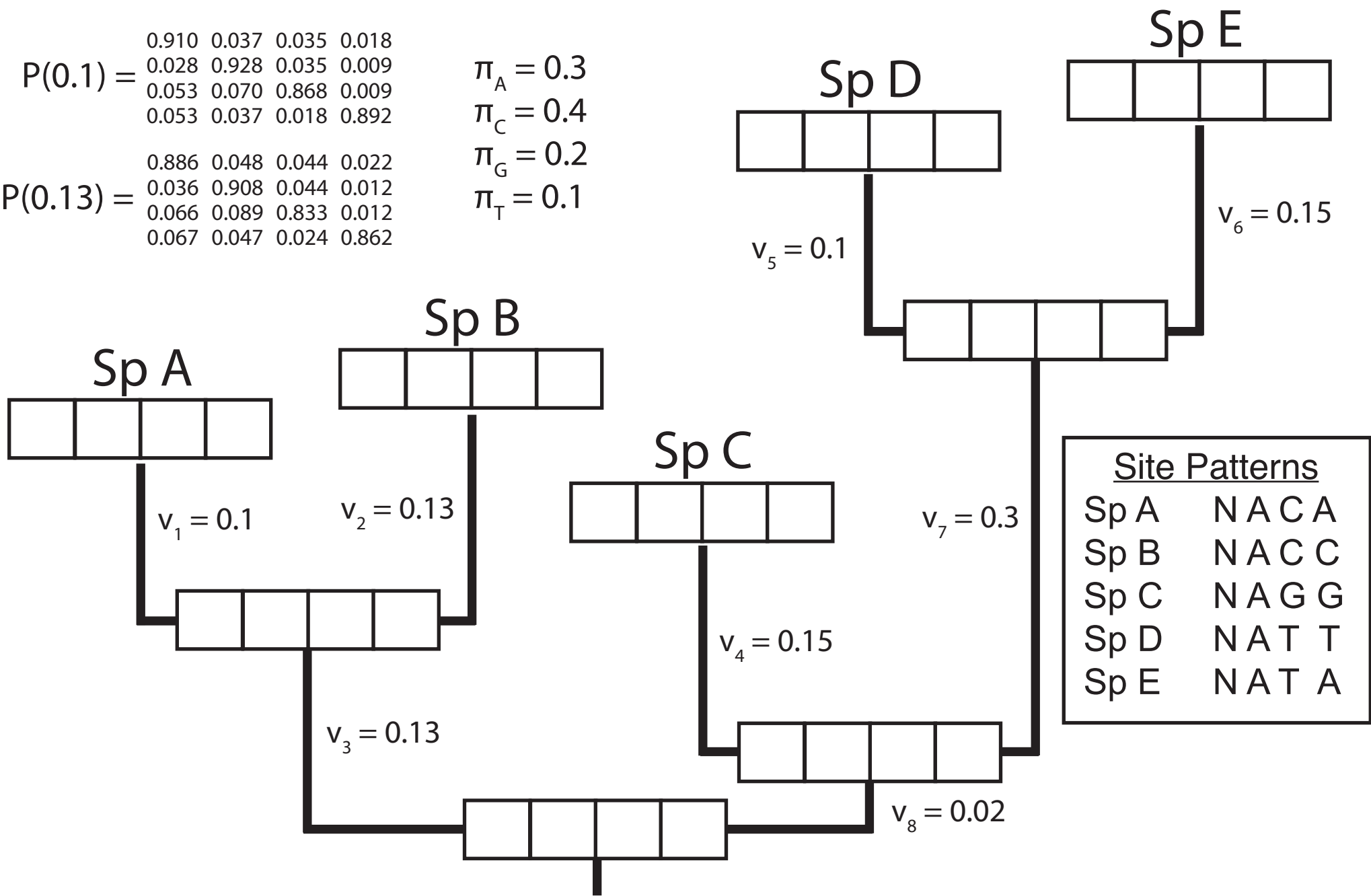
$P(0.1) =$ 

0.910	0.037	0.035	0.018
0.028	0.928	0.035	0.009
0.053	0.070	0.868	0.009
0.053	0.037	0.018	0.892

$\pi_A = 0.3$   
 $\pi_C = 0.4$   
 $\pi_G = 0.2$   
 $\pi_T = 0.1$

$P(0.13) =$ 

0.886	0.048	0.044	0.022
0.036	0.908	0.044	0.012
0.066	0.089	0.833	0.012
0.067	0.047	0.024	0.862



Likelihood =