Markov state models

Transition probabilities

T_{12} T_{74} T_{78}

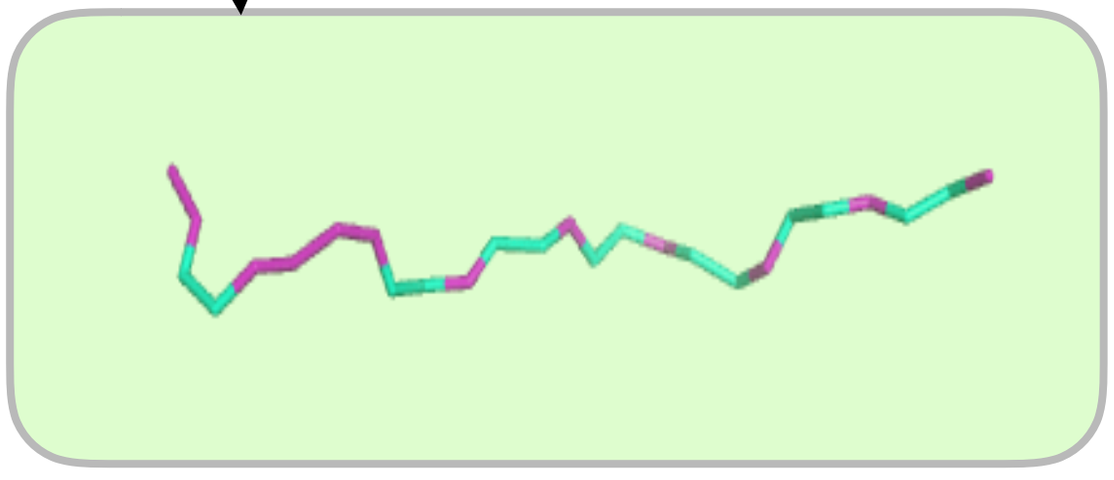
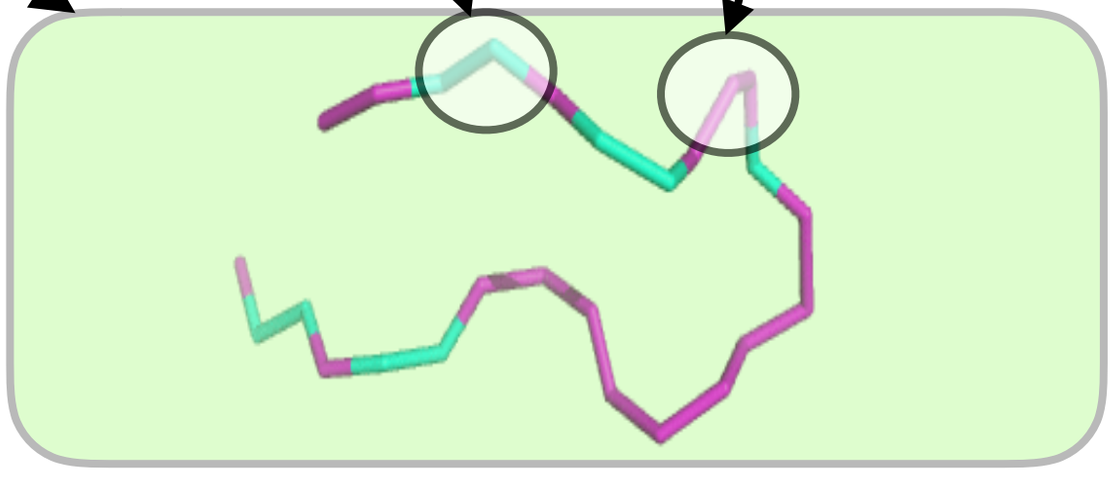
Free energy

0 1 2 3 4 5 6 7 8 9

State

dynamic Markov random fields

$s_{t-\tau,1}$ $s_{t-\tau,2}$ $s_{t-\tau,4}$ $s_{t-\tau,5}$ $s_{t-\tau,6}$

$p_t(2 \mid 1 = \bullet)$ $p_t(5 \mid 2 = \bullet)$ $p_t(6 \mid 5 = \bullet)$ $p_t(2 \mid 4 = \bullet)$ $p_t(4 \mid 3 = \bullet)$ $p_t(4 \mid 4 = \bullet)$

$\mathbf{s}_{t-\tau} = (\bullet, \bullet, \bullet, \bullet, \bullet, \bullet)$