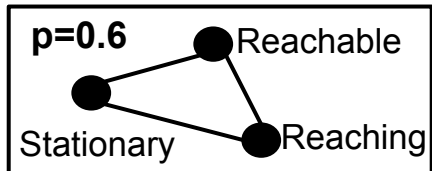
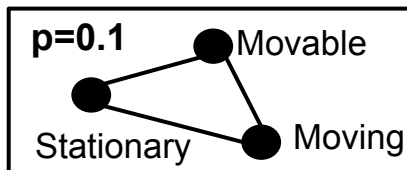


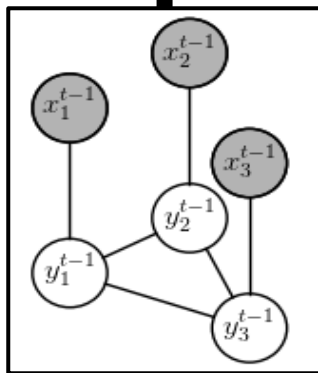
Belief $p(y^{t-1} | x^1, \dots, x^T)$



⋮



CRF likelihood \uparrow $p(y^{t-1} | x^{t-1})$



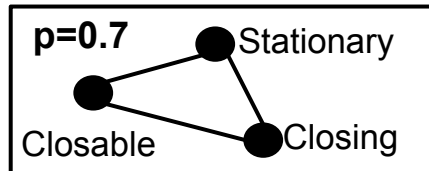
Forward Messages
 $\alpha^t(y^t)$



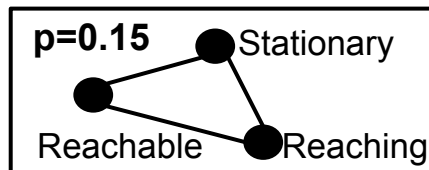
Backward Messages
 $\beta^{t-1}(y^{t-1})$



Belief $p(y^t | x^1, \dots, x^T)$



⋮



CRF likelihood \uparrow $p(y^t | x^t)$

