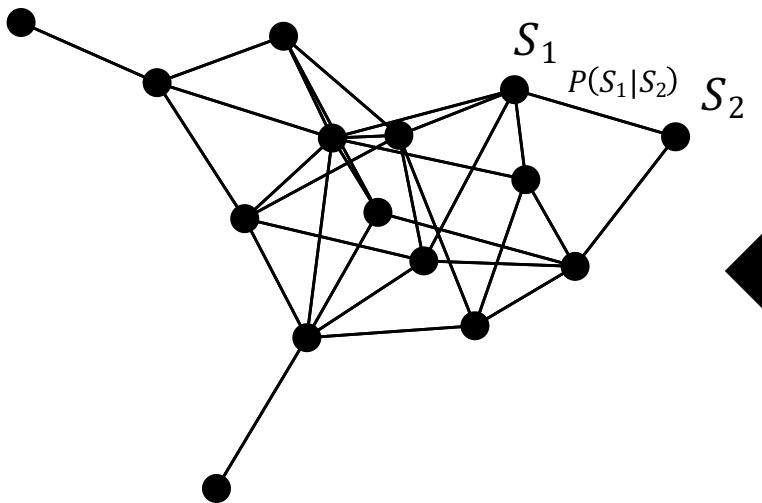
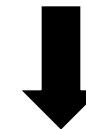


0	0	1	1	1	N
1	0	1	0	1	
1	1	1	0	0	
0	0	0	0	0	
...	



$P(S_i) = \frac{1}{N} \cdot \sum(S_i)$
 $E[P(S_iS_j)] = P(S_i) \cdot P(S_j)$
 $\text{Var}(E[S_iS_j]) = N \cdot E[P(S_iS_j)] \cdot (1 - E[P(S_iS_j)])$
 $CI_{95\%} = N \cdot P(S_iS_j) \pm Z_{95\%} \cdot \sqrt{\text{Var}(E[S_iS_j])}$
 $P(S_i|S_j) = \frac{P(S_iS_j)}{P(S_j)}, 0 \text{ if } CI_L \leq S_iS_j \leq CI_U$