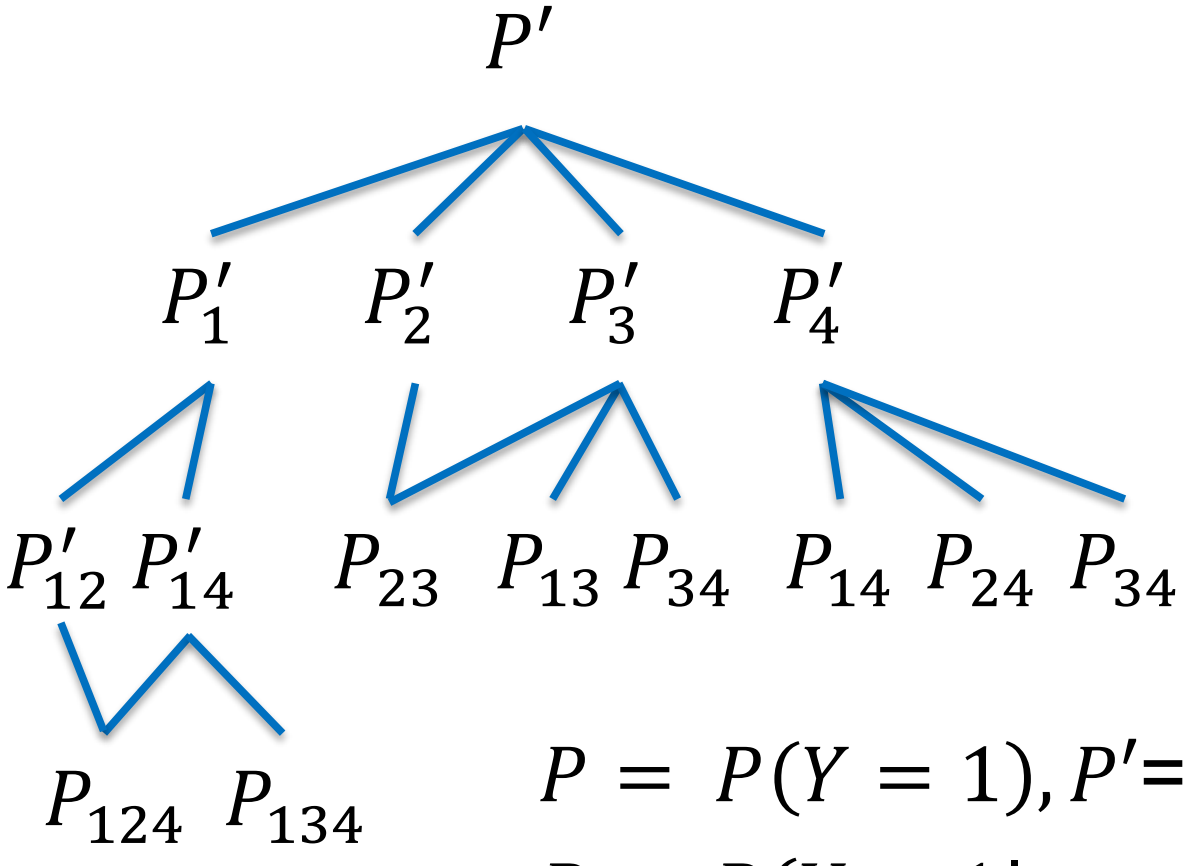


$$P' = \frac{\sum_i P'_i}{\sum_i 1}$$

$$P'_i = \frac{\sum_{j \neq i} P'_{ij}}{\sum_{j \neq i} 1}$$

$$P'_{ij} = \frac{\sum_{k \neq j \neq i} P_{ijk}}{\sum_{k \neq j \neq i} 1}$$

$P = P(Y = 1)$, $P'$= estimate of $P$

$$P_i = P(Y = 1 | x_i = x_i')$$

$$P_{ij} = P(Y = 1 | x_i = x_i', x_j = x_j')$$

$$P_{ijk} = P(Y = 1 | x_i = x_i', x_j = x_j', x_k = x_k')$$