

$$\log p(x_1, X_2, X_3 | W, \theta) =$$

$$\log \sum_{i=1}^{2} W_i \prod_{j=1}^{2} \sum_{k=1}^{2} W_{ik} p(X_j | \theta_{ijk})$$

$$(X_1, X_2)$$
 (X_3)
 (X_1, X_3) (X_2)
 (X_2, X_3) (X_1)

- How much speedup do ne get?. - How much quelity do ne lose?
- What structures allow for speedup.

