

$$p \left(\begin{bmatrix} 0 & x_{12} & x_{13} & \dots & x_{1N} \\ x_{12} & 0 & x_{23} & \dots & x_{2N} \\ x_{13} & x_{23} & 0 & & \\ \vdots & \vdots & & \ddots & \vdots \\ x_{1N} & x_{2N} & & \dots & 0 \end{bmatrix} \mid y_1 \dots y_N \right)$$