



Pre-defined

Interpolate

$$\begin{aligned}
 & \mathbf{T} = \mathbf{p}(y_j | y_i) \\
 & \begin{bmatrix} p(thick) & p(fun|thick) & \cdots & p(bold|thick) \\ p(thick|fun) & p(fun) & \cdots & p(bold|fun) \\ \vdots & \vdots & \ddots & \vdots \\ p(thick|bold) & p(fun|bold) & \cdots & p(bold) \end{bmatrix}^T \otimes \begin{bmatrix} 1/n \\ 0 \\ \vdots \\ 1/n \end{bmatrix} \left. \vphantom{\begin{bmatrix} 1/n \\ 0 \\ \vdots \\ 1/n \end{bmatrix}} \right\} \text{sum}=1 \rightarrow \begin{bmatrix} 1 \\ \vdots \\ 1 \end{bmatrix} \\
 & \quad \quad \quad (p(fun|thick) + \cdots + p(fun|bold))/n
 \end{aligned}$$

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