

$$\begin{aligned} &P(\textit{the}|\$, \$) \cdot P(\textit{quick}|\$, \textit{the}) \cdot P(\textit{brown}|\textit{the}, \textit{quick}) \\ &\cdot P(\textit{fox}|\textit{quick}, \textit{brown}) \cdot P(\textit{jumped}|\textit{brown}, \textit{fox}) \\ &\cdot P(\textit{over}|\textit{fox}, \textit{jumped}) \cdot P(\textit{the}|\textit{jumped}, \textit{over}) \\ &\cdot P(\textit{lazy}|\textit{over}, \textit{the}) \cdot P(\textit{dog}|\textit{the}, \textit{lazy}) \end{aligned}$$