

$$p(e_1) \times$$

$$p(e_2 \mid e_1) \times$$

$$p(e_3 \mid e_1, e_2) \times$$

$$p(e_4 \mid e_1, e_2, e_3) \times$$

$$\dots \times$$

$$p(e_\ell \mid e_1, e_2, \dots, e_{\ell-2}, e_{\ell-1})$$