

$$p(\mathbf{a} \mid \mathbf{e}, \mathbf{f}) = \frac{1}{Z_{\mathbf{w}}(\mathbf{e}, \mathbf{f})} \exp \sum_{i=1}^{|\mathbf{e}|} \sum_k w_k f(a_i, a_{i-1}, i, \mathbf{e}, \mathbf{f})$$