

$$score(\mathbf{g}, \mathbf{e}, \mathbf{a}) = \mathbf{w}^\top \mathbf{h}(\mathbf{g}, \mathbf{e}, \mathbf{a})$$

$$h_{15,342}(\mathbf{g}, \mathbf{e}, \mathbf{a}) = \sum_{(i,j) \in \mathbf{a}} \begin{cases} 1, & \text{if } g_i = Hund, e_j = cat \\ 0, & \text{otherwise} \end{cases}$$