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

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