$$h_i^{(t)} = \tanh\left(s_i^{(t)}\right) q_i^{(t)} \tag{10.43}$$

$$q_i^{(t)} = \sigma\left(b_i^o + \sum_j U_{i,j}^o x_j^{(t)} + \sum_j W_{i,j}^o h_j^{(t-1)}\right) \tag{10.44}$$