

$$\mathbf{f}_{\text{indep}}(\mathbf{x}, \mathbf{t}, \mathbf{a}, \mathbf{e}) = \sum_{i=1}^n [\mathbf{f}(\mathbf{x}, t_i) + \mathbf{f}(\mathbf{x}, a_i) + \mathbf{f}(\mathbf{x}, e_i)]$$