

$$\forall t \in \mathcal{T} : \beta(m, t) \leftarrow 1$$

$$\forall t \in \mathcal{T}, j \in \{1 \dots m - 1\} : \beta(j, t) \leftarrow \sum_{t' \in \mathcal{T}} \beta(j + 1, t') \times \psi(t', t, j + 1)$$