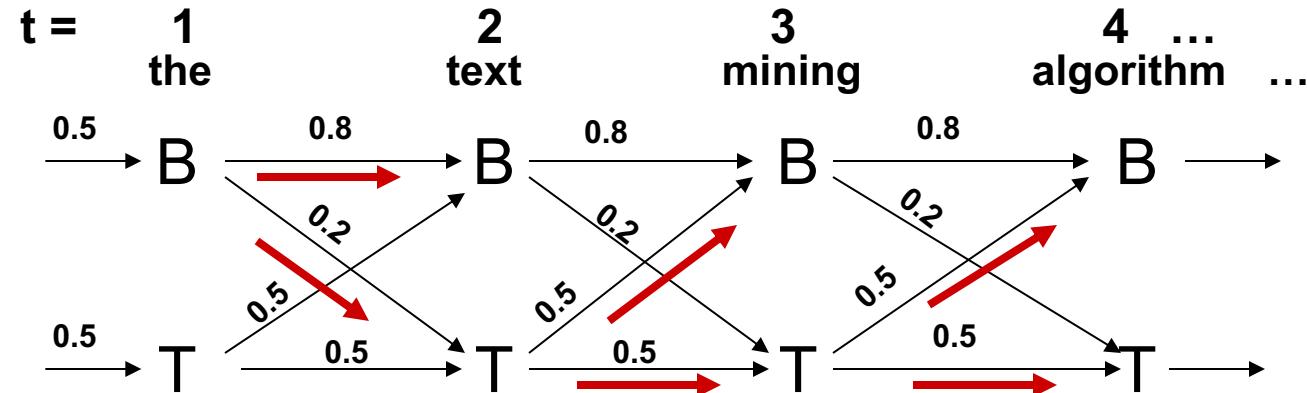
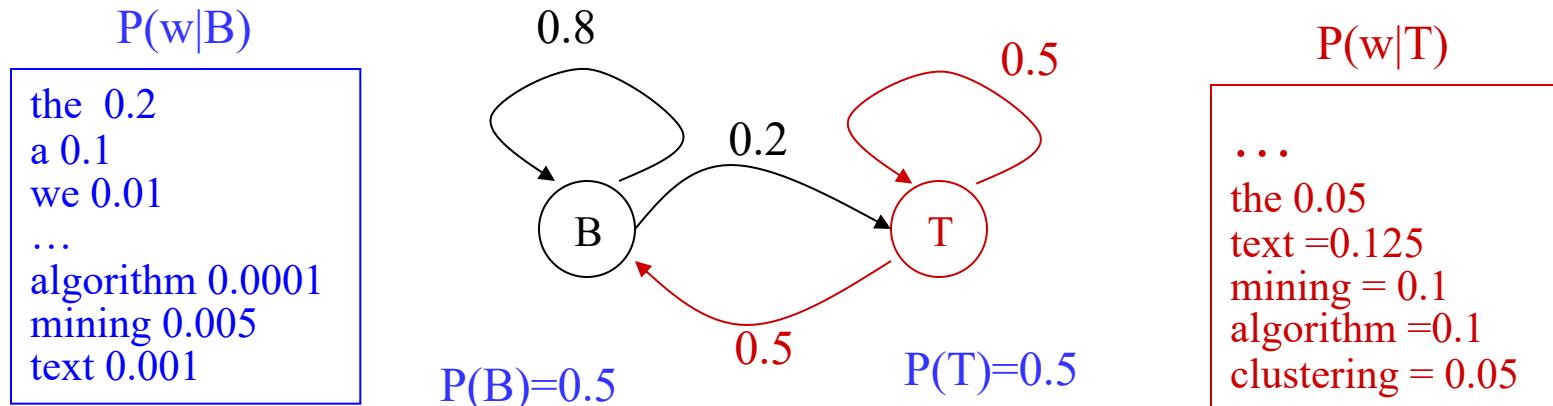


# Viterbi Algorithm: An Example



$$VP(B): 0.5 * 0.2 \text{ (B)} \rightarrow 0.5 * 0.2 * 0.8 * 0.001 \text{ (BB)}$$

$$VP(T): 0.5 * 0.05 \text{ (T)} \leftarrow 0.5 * 0.2 * 0.2 * 0.125 \text{ (BT)}$$

... \* 0.5 \* 0.005 (BTB) ... \* 0.5 \* 0.0001 (BTTB) ... \* 0.5 \* 0.1 (BTT) ... \* 0.5 \* 0.1 (BTBB) ← Winning path!