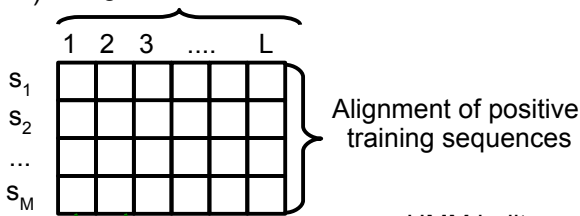
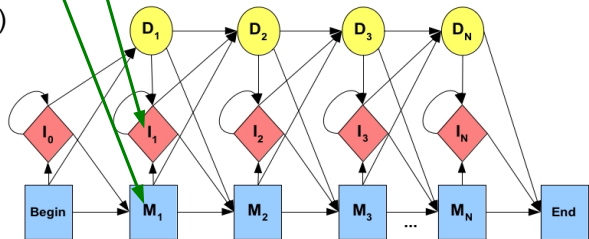


A) Alignment Positions



B)



q_1

M_1	I_1	M_2	...	...	M_N
v	g	e	...	...	t

Viterbi of sequence q_1

C)

$\text{col}(q_1, g, 2)$

$\text{col}(q_1, v, 1)$