

		C				M				E			
		$\pi(C)$		$e(C)$		$\pi(M)$		$e(M)$		$\pi(E)$		$e(E)$	
L	t=0	1	0.7	0.7000		0	0	0.0000		0	0.8	0.0000	
H	t=1	j	$\delta(t-1,j)$	$a(j,C)$	$e(C)$	$\delta(t-1,j)$	$a(j,M)$	$e(M)$		$\delta(t-1,j)$	$a(j,E)$	$e(E)$	
		C	0.7	0.8	0.3	0.1680	0.2	0.9		0	0.2		
		M	0	0.25	0.3	0.0000	0.5	0.9		0.25	0.2		
		E	0	0	0.3	0.0000	0.3	0.9		0.7	0.2		
				$\delta(t,j)$	0.1680			$\delta(t,j)$			$\delta(t,j)$		
H	t=2	j											
		C		0.8	0.3		0.2	0.9		0	0.2		
		M		0.25	0.3		0.5	0.9		0.25	0		
		E		0	0		0.3	0		0.7	0		
				$\delta(t,j)$				$\delta(t,j)$			$\delta(t,j)$		
L	t=3	j											
		C		0.8	0.7		0.2	0.1		0	0.8		
		M		0.25	0.7		0.5	0.1		0.25	0.8		
		E		0	0		0.3	0.1		0.7	0		
				$\delta(t,j)$				$\delta(t,j)$			$\delta(t,j)$		

Probability of generating O via the most probable path:

Most likely path: