

| | | E | | | | M | | | | C | | | | |
|---|-----|---------------|---------------|-------------|------------|---------------|---------------|------------|------------|---------------|---------------|------------|------------|---------------|
| | | $\pi(E)$ | $e(E)$ | | | $\pi(M)$ | $e(M)$ | | | $\pi(C)$ | $e(C)$ | | | |
| L | t=0 | 0 | 0.8 | 0.0000 | | 0 | 0.1 | 0.0000 | | 1 | 0.7 | 0.7000 | | |
| | j | $\delta(t,j)$ | $a(j,E)$ | $e(E)$ | | $\delta(t,j)$ | $a(j,M)$ | $e(M)$ | | $\delta(t,j)$ | $a(j,C)$ | $e(C)$ | | |
| H | t=1 | C | 0.7000 | 0 | 0.2 | 0.0000 | 0.7000 | 0.2 | 0.9 | 0.1260 | 0.7000 | 0.8 | 0.3 | 0.1680 |
| | | M | 0.0000 | 0.25 | 0.2 | 0.0000 | 0.0000 | 0.5 | 0.9 | 0.0000 | 0.0000 | 0.25 | 0.3 | 0.0000 |
| | | E | 0.0000 | 0.7 | 0.2 | 0.0000 | 0.0000 | 0.3 | 0.9 | 0.0000 | 0.0000 | 0 | 0.3 | 0.0000 |
| | | Max | | | | 0.0000 | | / | | 0.1260 | | | ↑ | 0.1680 |
| H | t=2 | C | 0.1680 | 0 | 0.2 | 0.0000 | 0.1680 | 0.2 | 0.9 | 0.0302 | 0.1680 | 0.8 | 0.3 | 0.0403 |
| | | M | 0.1260 | 0.25 | 0.2 | 0.0063 | 0.1260 | 0.5 | 0.9 | 0.0567 | 0.1260 | 0.25 | 0.3 | 0.0095 |
| | | E | 0.0000 | 0.7 | 0.2 | 0.0000 | 0.0000 | 0.3 | 0.9 | 0.0000 | 0.0000 | 0 | 0.3 | 0.0000 |
| | | Max | | | / | 0.0063 | | | ↑ | 0.0567 | | | ↑ | 0.0403 |
| L | t=3 | C | 0.0403 | 0 | 0.8 | 0.0000 | 0.0403 | 0.2 | 0.1 | 0.0008 | 0.0403 | 0.8 | 0.7 | 0.0226 |
| | | M | 0.0567 | 0.25 | 0.8 | 0.0113 | 0.0567 | 0.5 | 0.1 | 0.0028 | 0.0567 | 0.25 | 0.7 | 0.0099 |
| | | E | 0.0063 | 0.7 | 0.8 | 0.0035 | 0.0063 | 0.3 | 0.1 | 0.0002 | 0.0063 | 0 | 0.7 | 0.0000 |
| | | Max | | | / | 0.0113 | | | ↑ | 0.0028 | | | ↑ | 0.0226 |

Probability of the most likely sequence: **0.0226**

Most likely path: CCCC