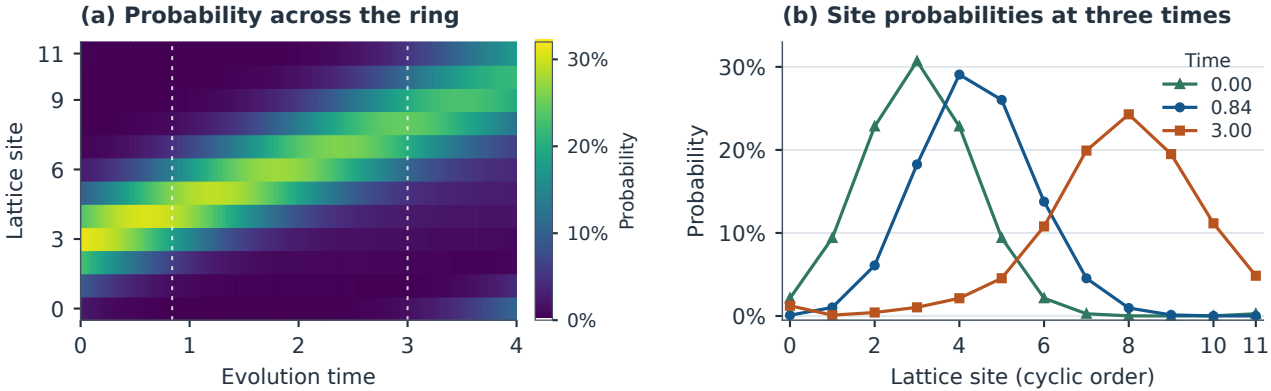

(a) Probability across the ring
Lattice site
11
9
6
3
0
0
1
2
3
4
Evolution time
30%
20%
10%
0%
Probability
(b) Site probabilities at three times
Probability
30%
20%
10%
0%
0
2
4
6
8
10
11
Lattice site (cyclic order)
Time
0.00
0.84
3.00