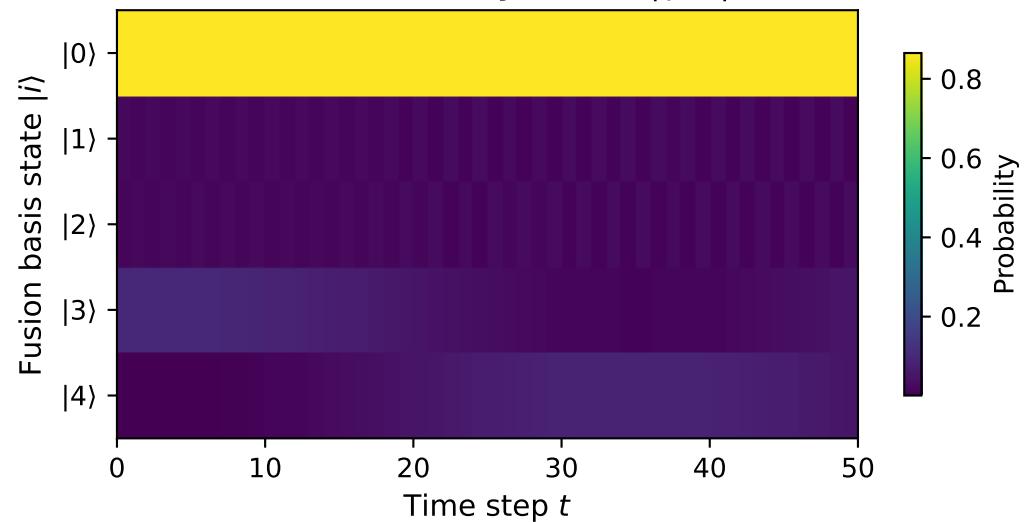


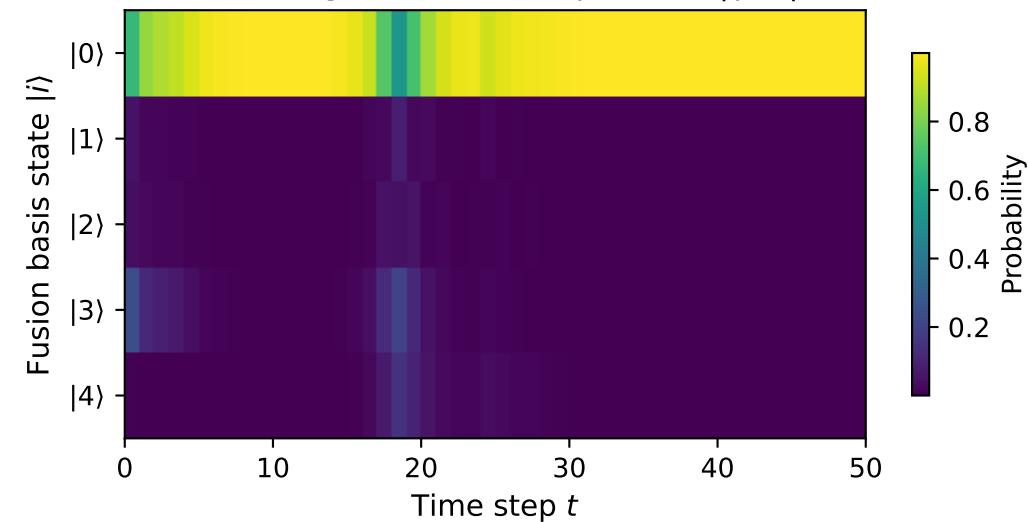
# Fibonacci Anyon Quantum State Evolution During TQRC Simulation

$n = 6$  anyons,  $\dim(\mathcal{H}) = F_5 = 5$ , sinusoidal input

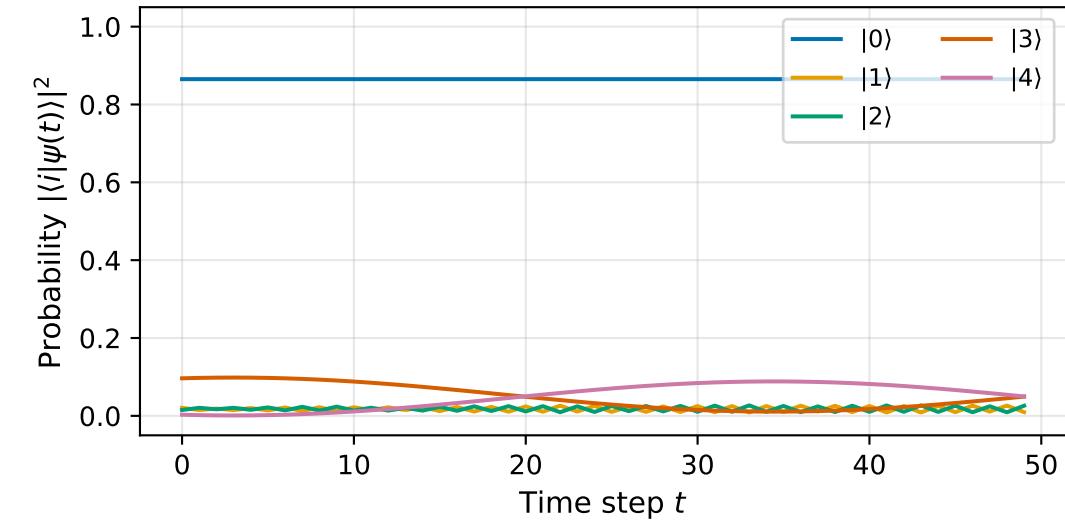
(a) Pure Unitary TQRC:  $|\psi(t)\rangle^2$



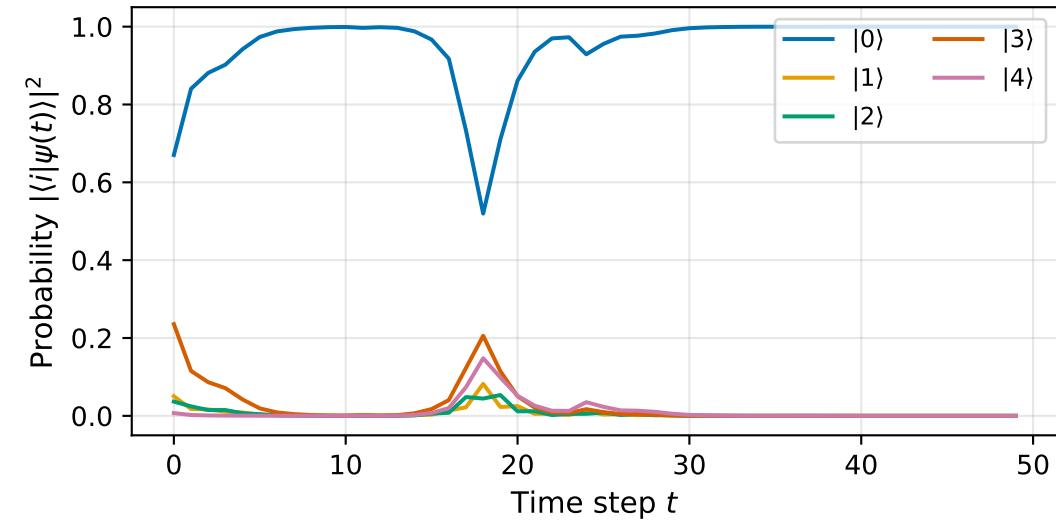
(b) Dissipative TQRC ( $\gamma = 0.2$ ):  $|\psi(t)\rangle^2$



(c) Unitary: Probability Trajectories



(d) Dissipative: Ground State Convergence



(e) Input Signal and State Entropy Evolution

