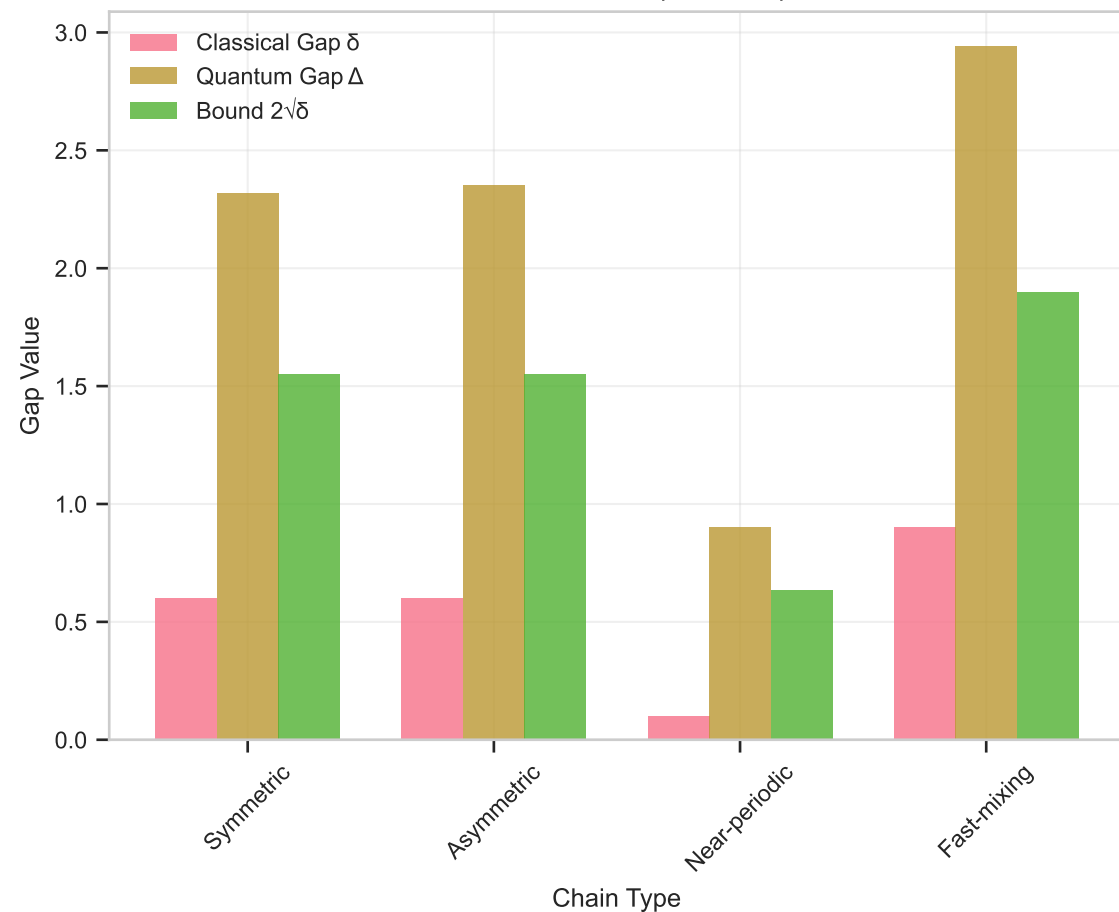
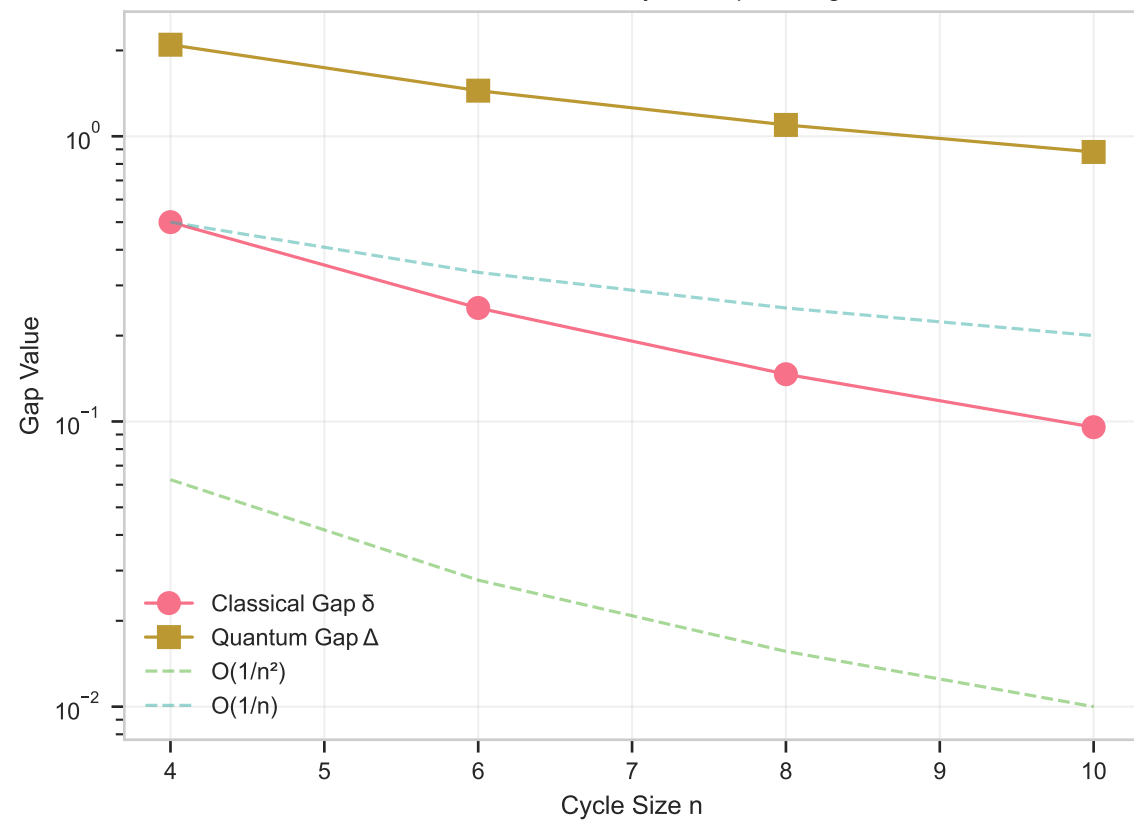


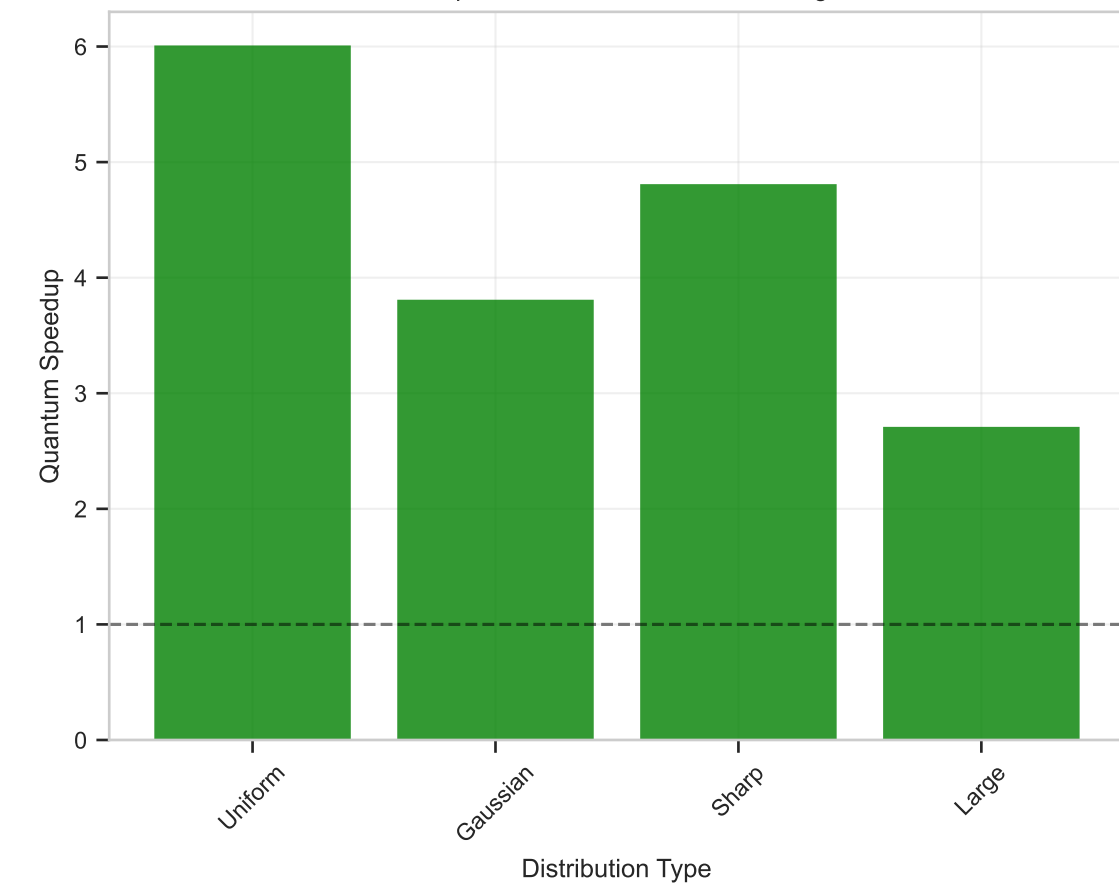
Two-State Chains: Spectral Gaps



Random Walk on Cycle: Gap Scaling



Metropolis Chains: Quantum Advantage



Quantum Speedup Distribution

