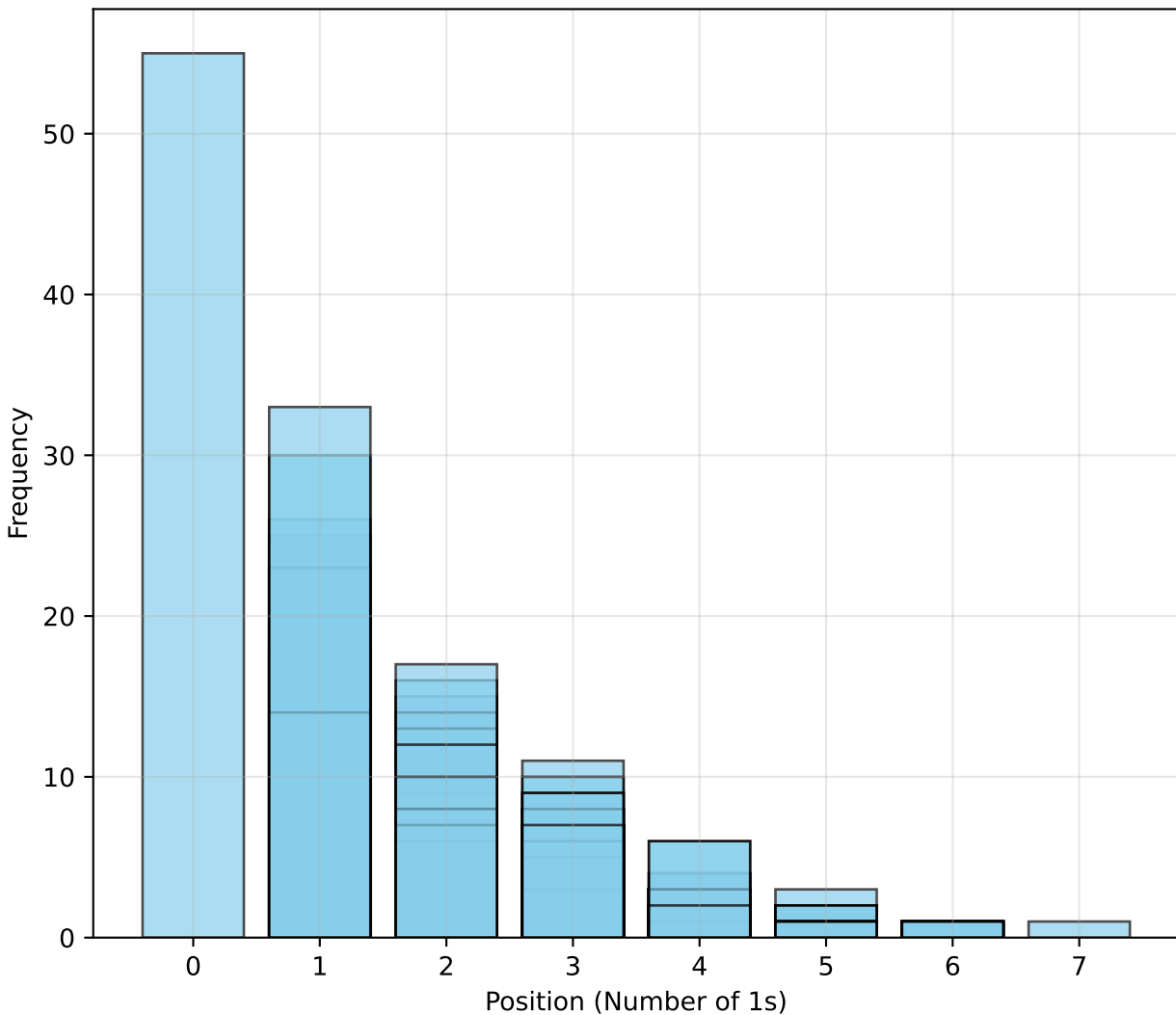
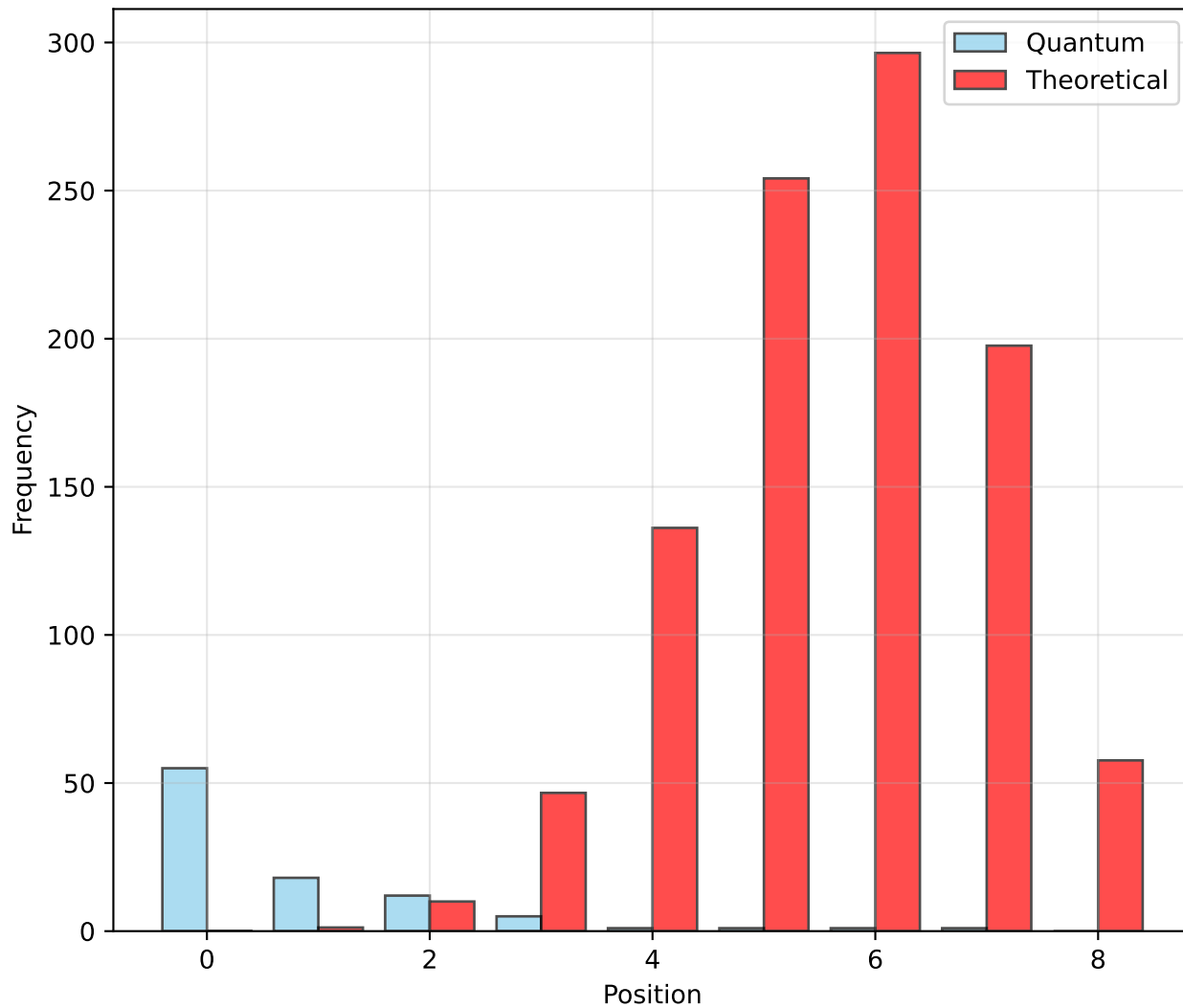


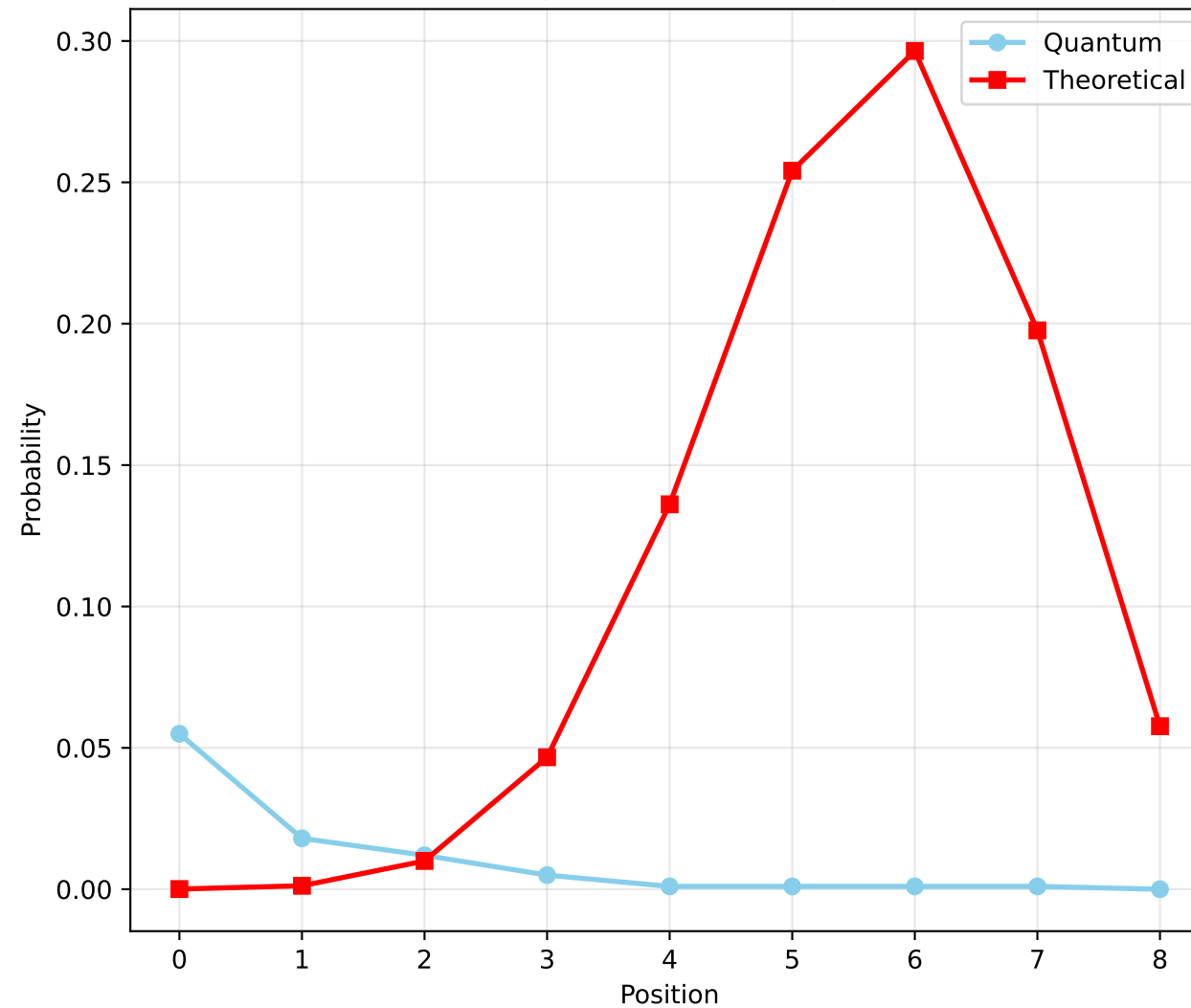
Quantum Simulation Results
(Shots: 1000)



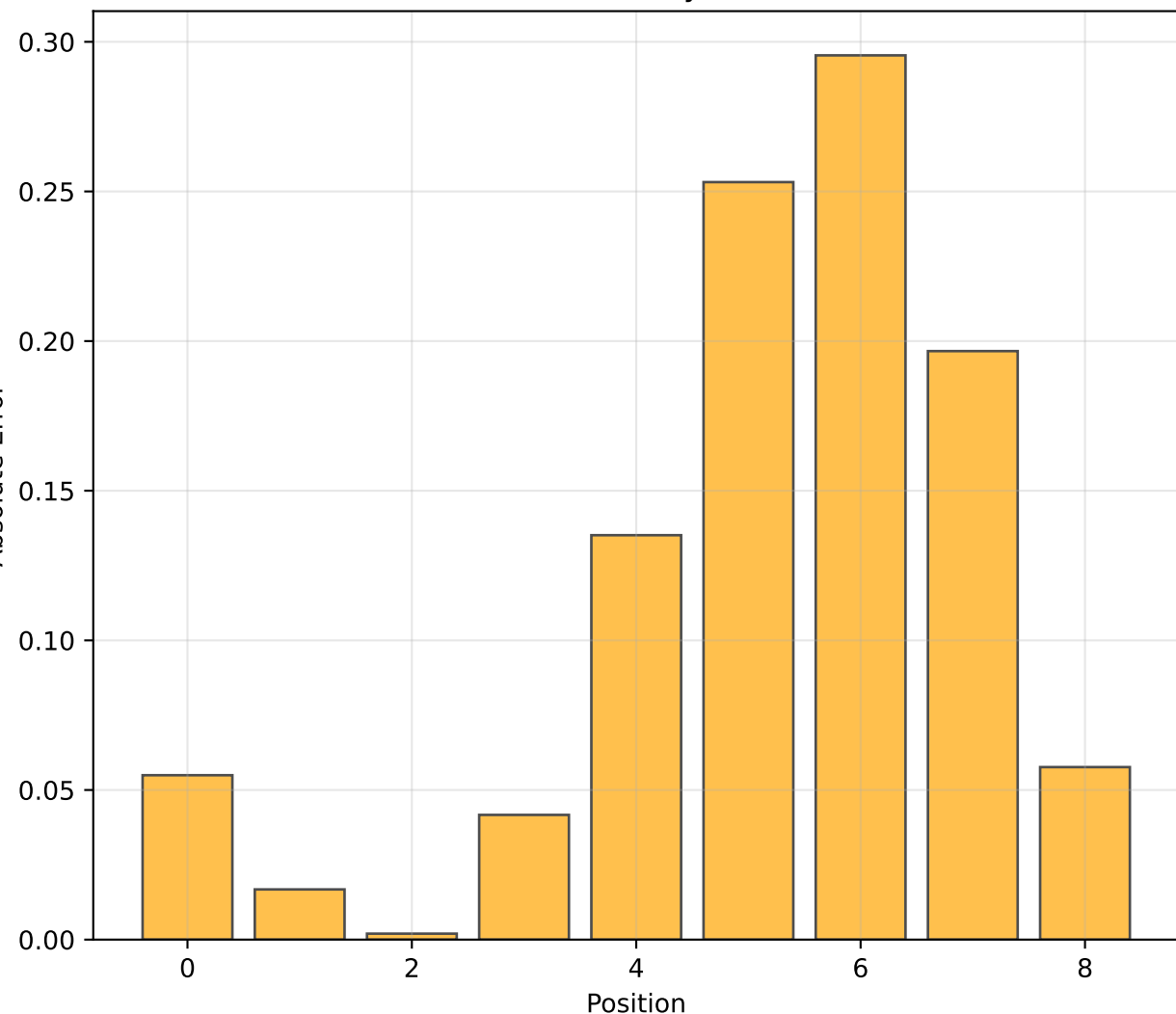
Quantum vs Theoretical Distribution



Probability Distribution Comparison



Error Analysis



Statistics Summary:

Total Shots: 1000
Mean Position: 2.427
Theoretical Mean: 5.600
Variance: 1.639
Standard Deviation: 1.280
Theoretical Std Dev: 1.296

Bias Parameter: 0.7
Number of Levels: 8

Quantum Circuit Info:

Number of Qubits: 8
Circuit Depth: 8
Bias Parameter: 0.7

Circuit Operations:
- RY gates for bias
- CX gates for entanglement
- RZ gates for phase
- Measurement