

# Quantum-Driven Arbitrage Strategies in DeFi

## 1. Arbitrage Trade Execution

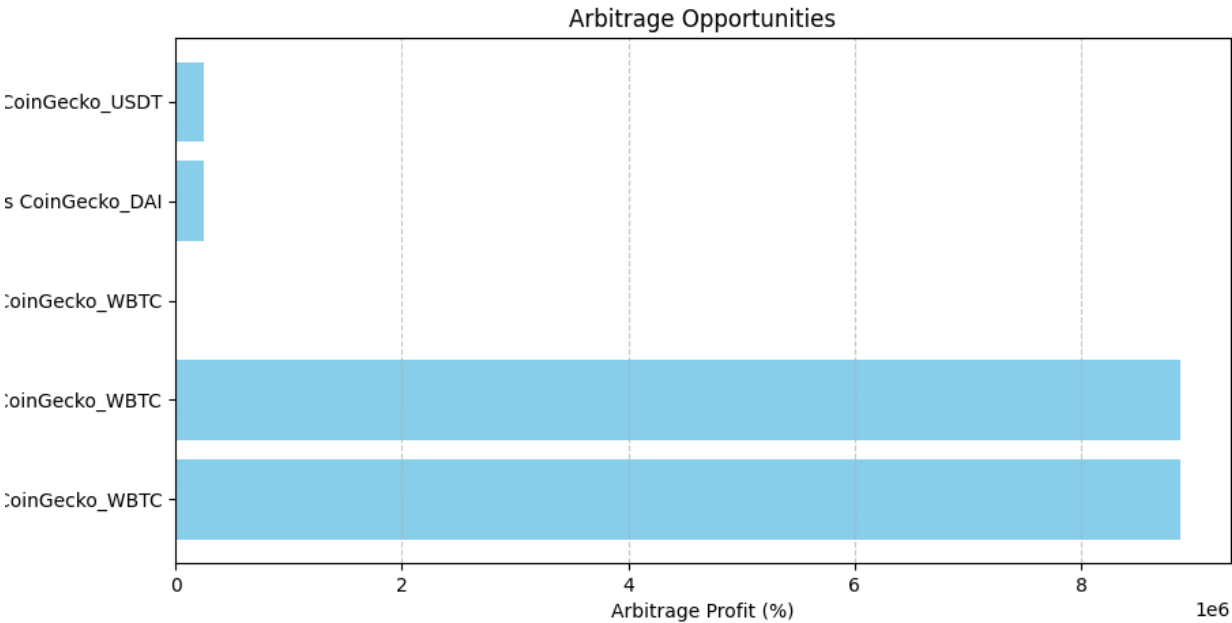
- Best Trade: CoinGecko\_USDT vs CoinGecko\_WBTC
- Profit: 8877336.66%
- Execution Time: 2.07s

## 2. Backtesting Performance

- Classical Profit: 8855085.455575442
- Quantum Profit: 9740594.001132987
- Sharpe Ratio (Quantum): 421.0084143127

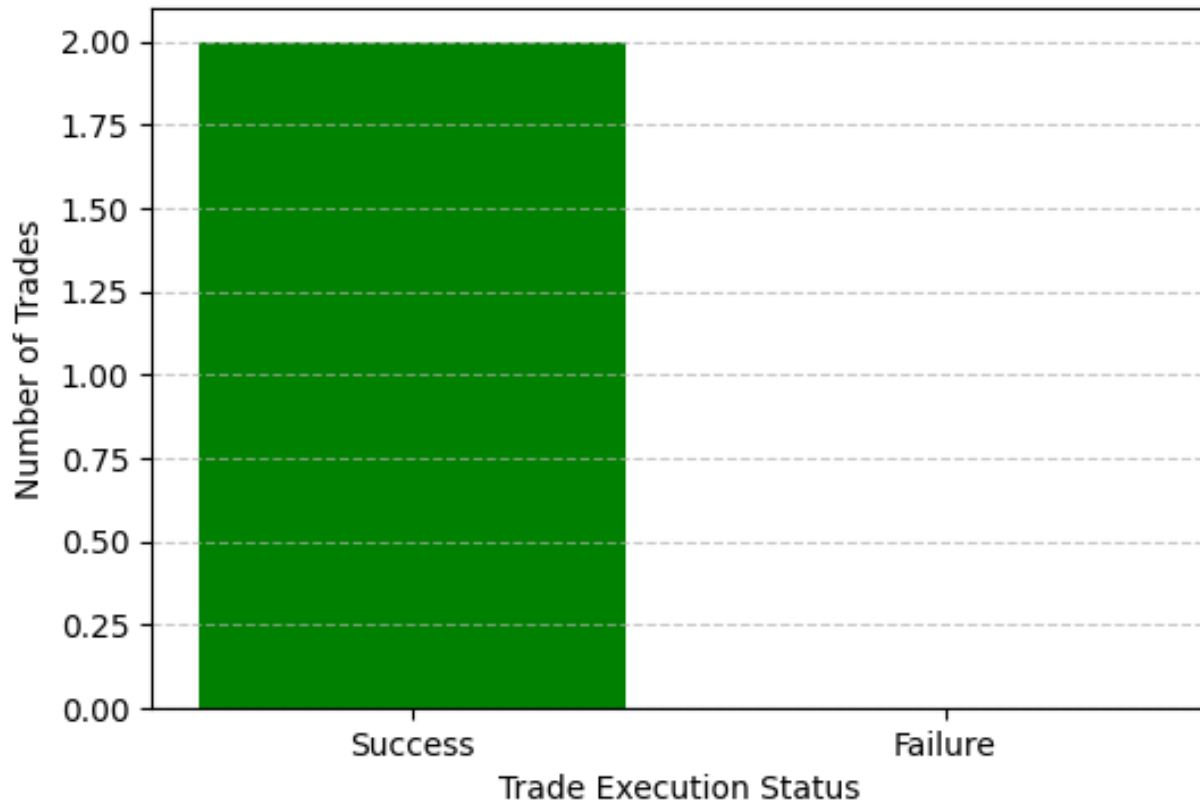
## 3. Performance Visualizations

### Arbitrage Opportunities

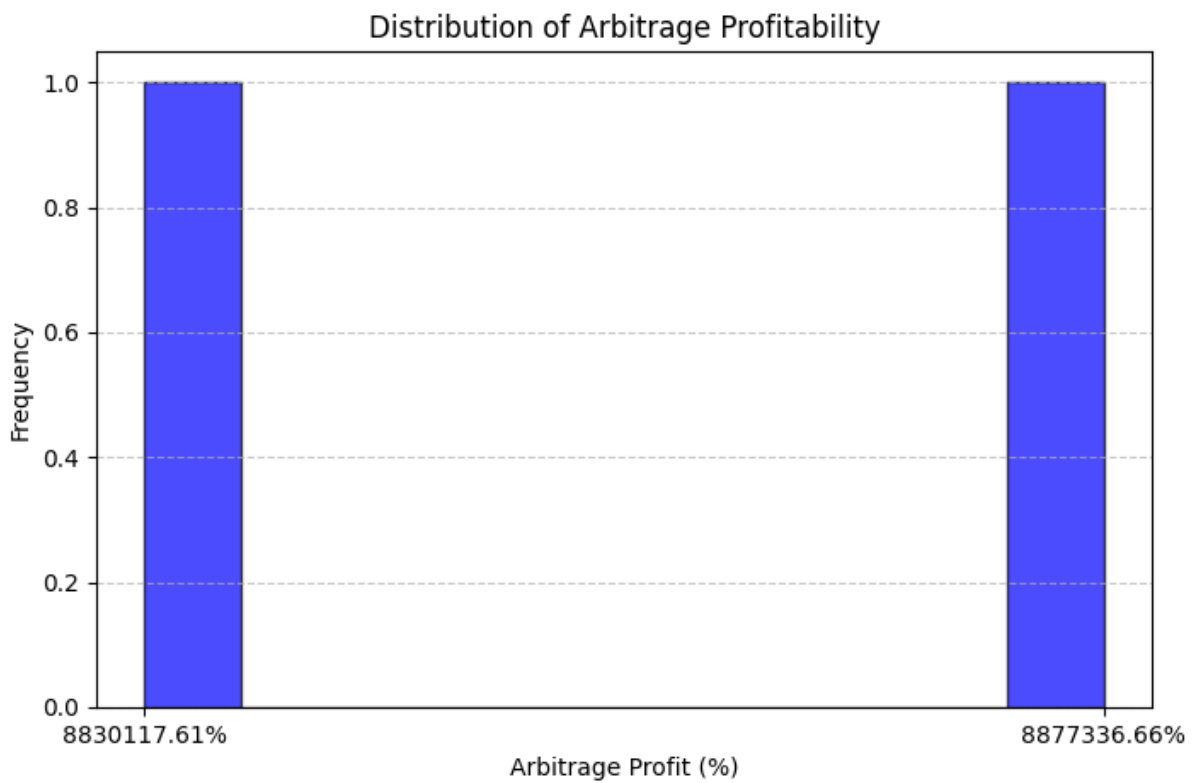


### Trade Execution

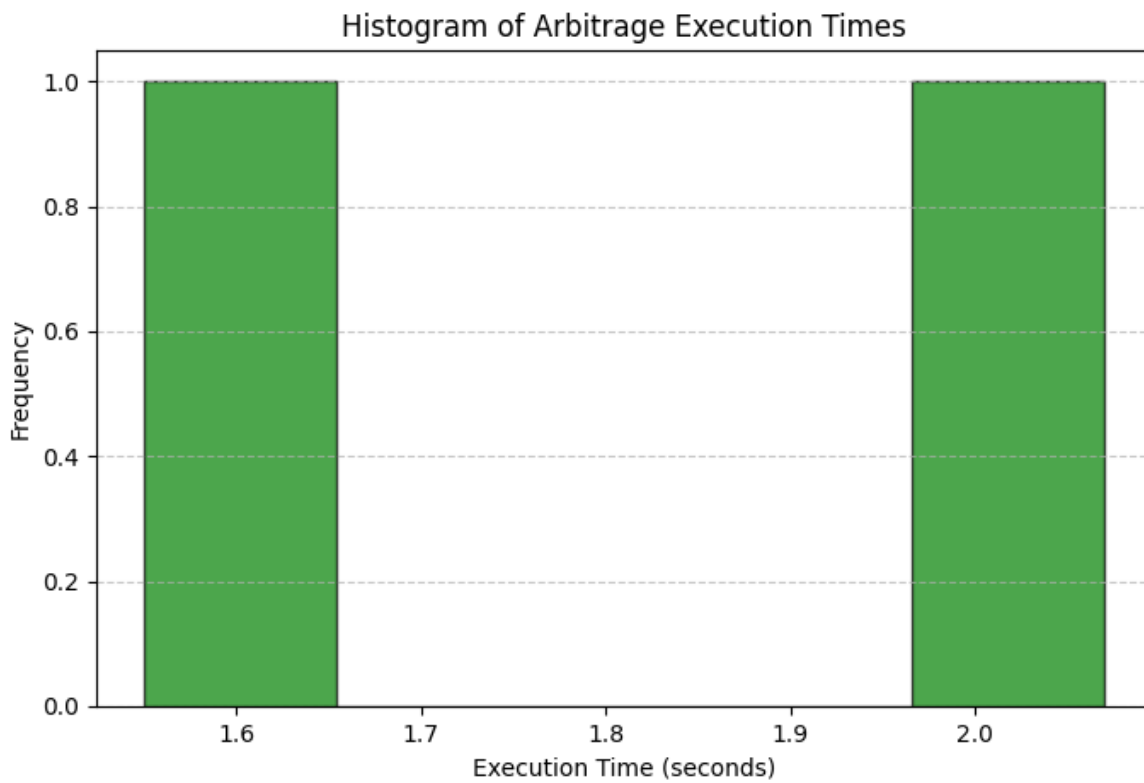
Arbitrage Trade Execution Results



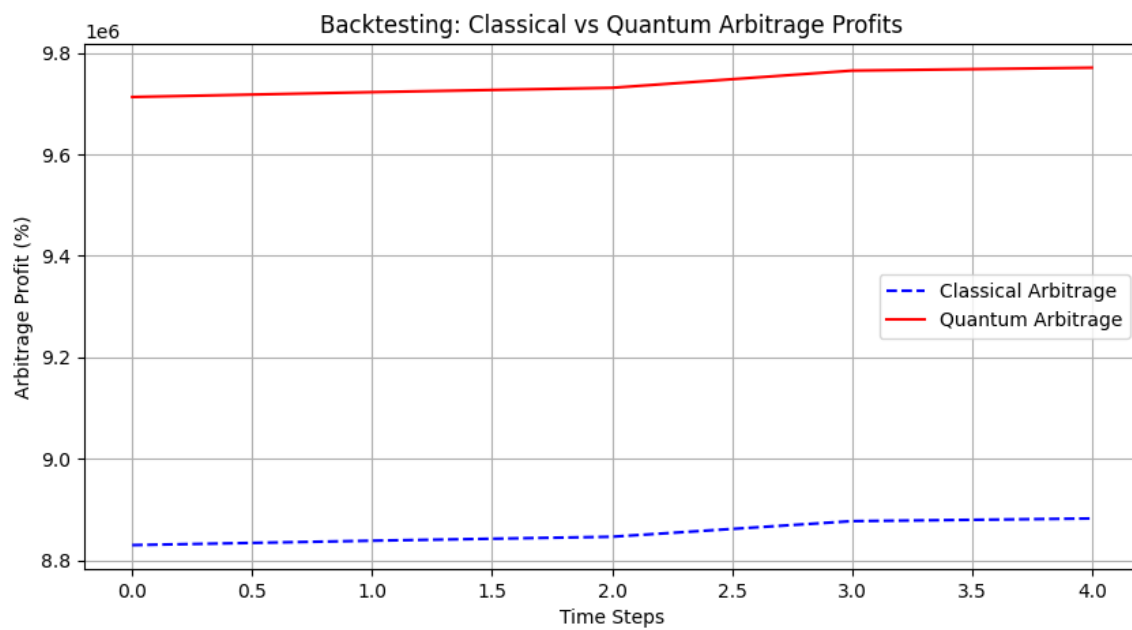
Profitability Distribution



Execution Times



## Backtesting Profit



## Backtesting Sharpe Ratio

Sharpe Ratio: Classical vs Quantum Arbitrage

