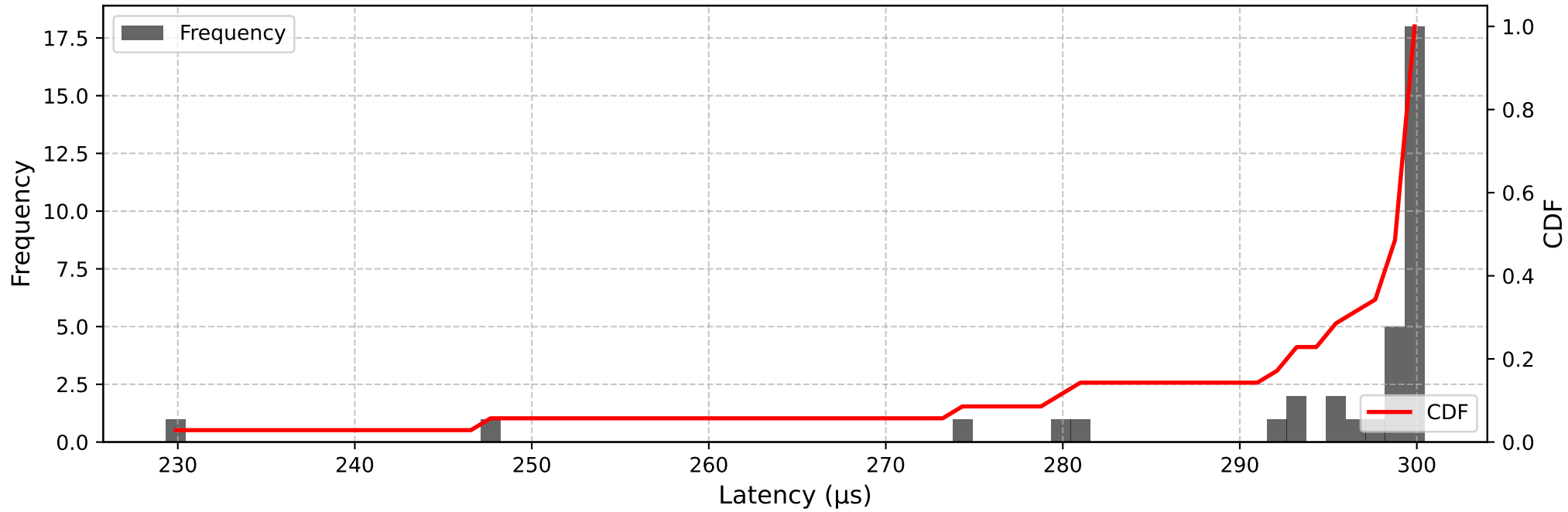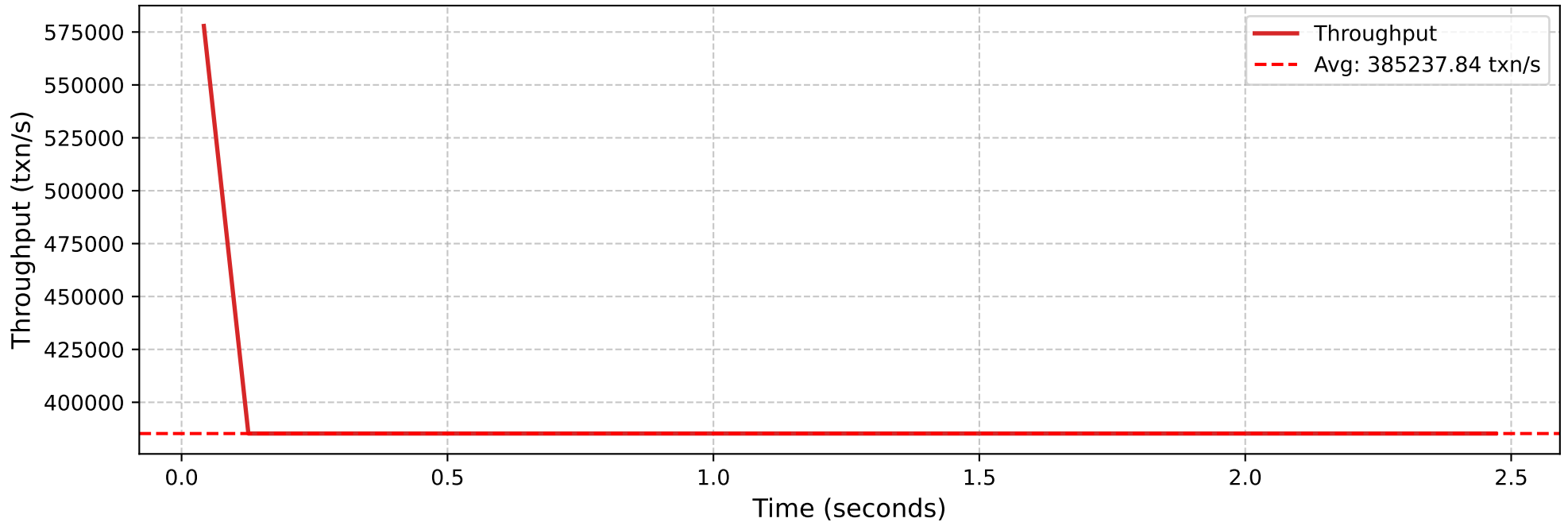# Performance Overview

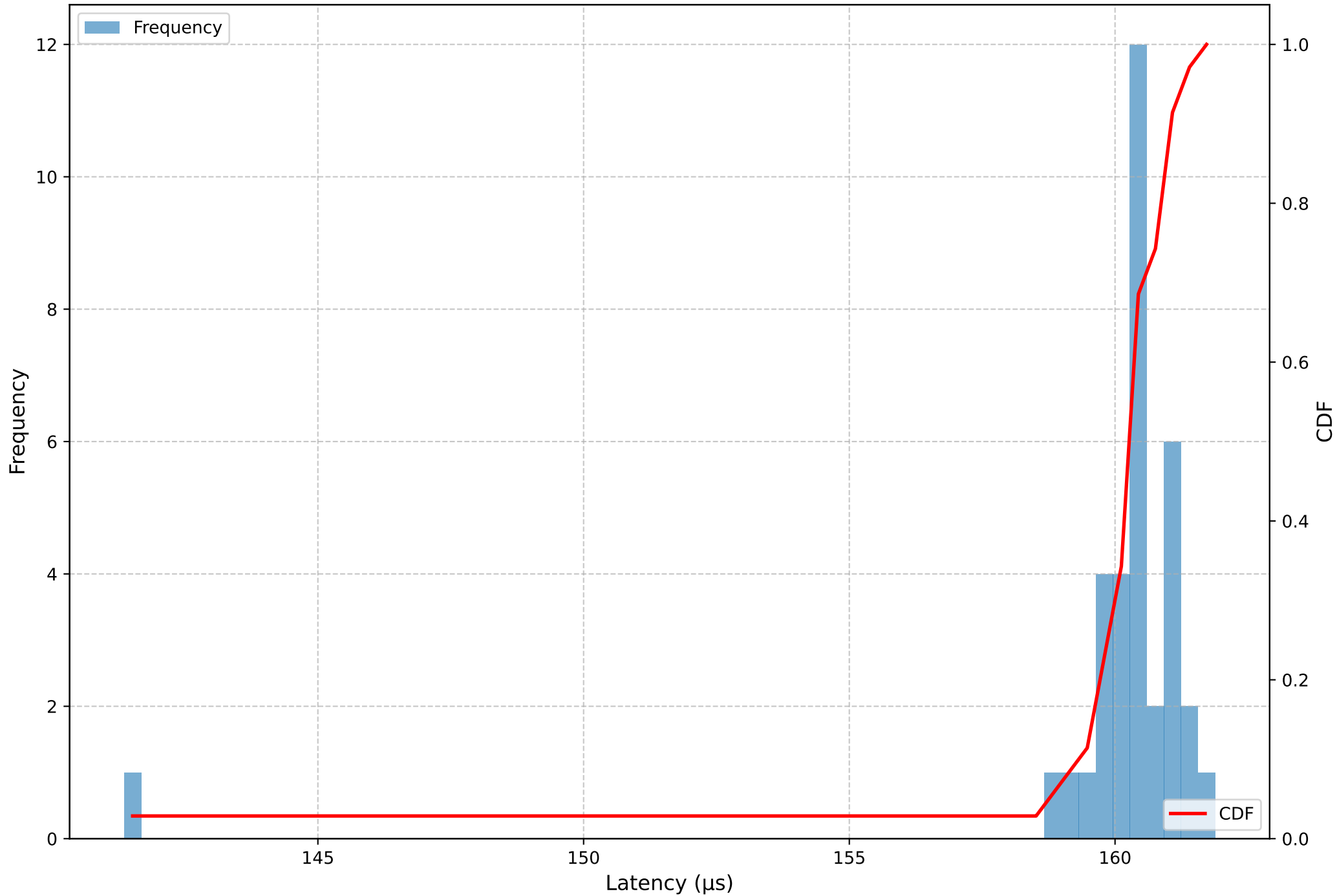## End-to-End Latency Distribution

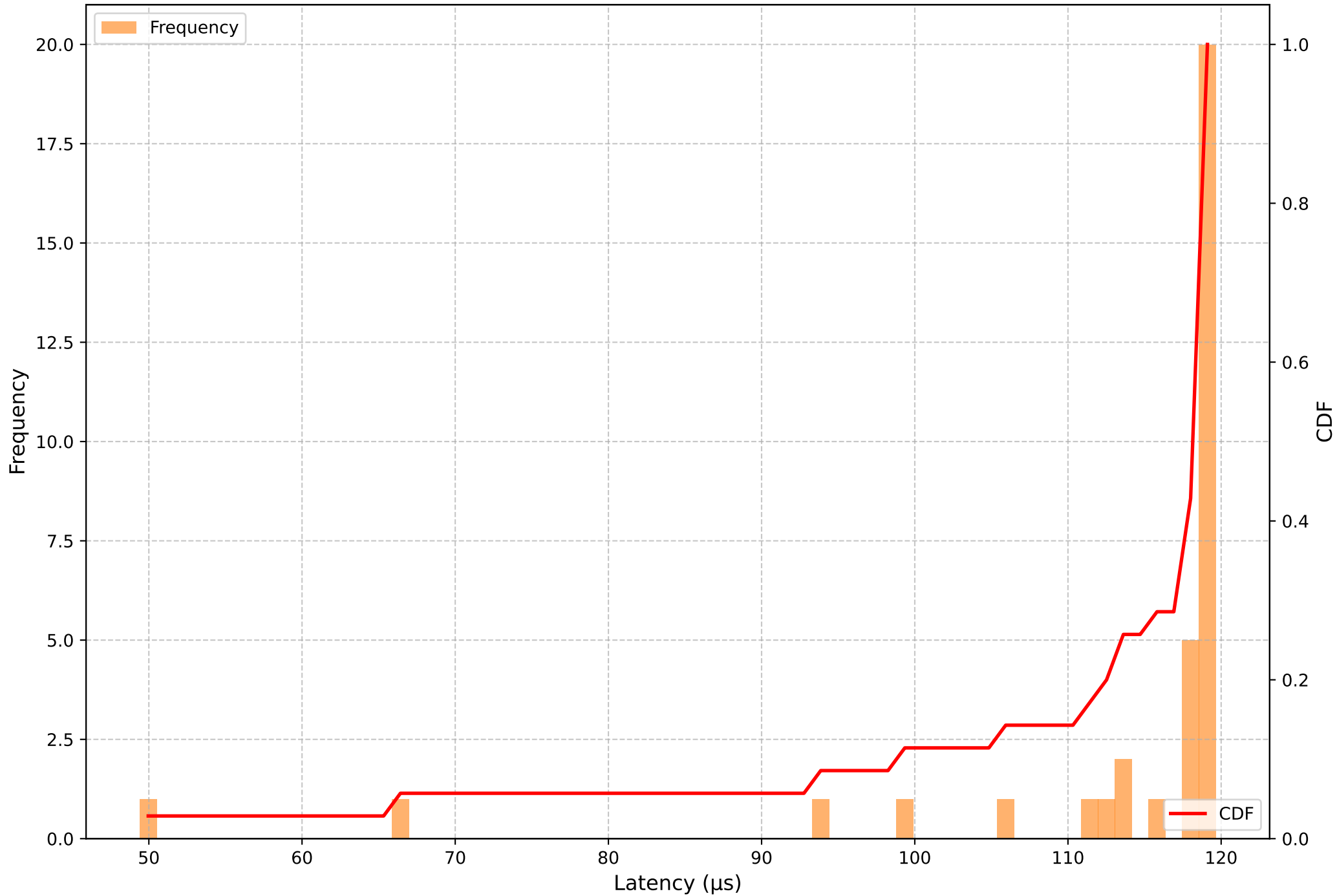
End-to-End Throughput Over Time

Submit to Schedule Performance

Submit to Schedule Latency Distribution
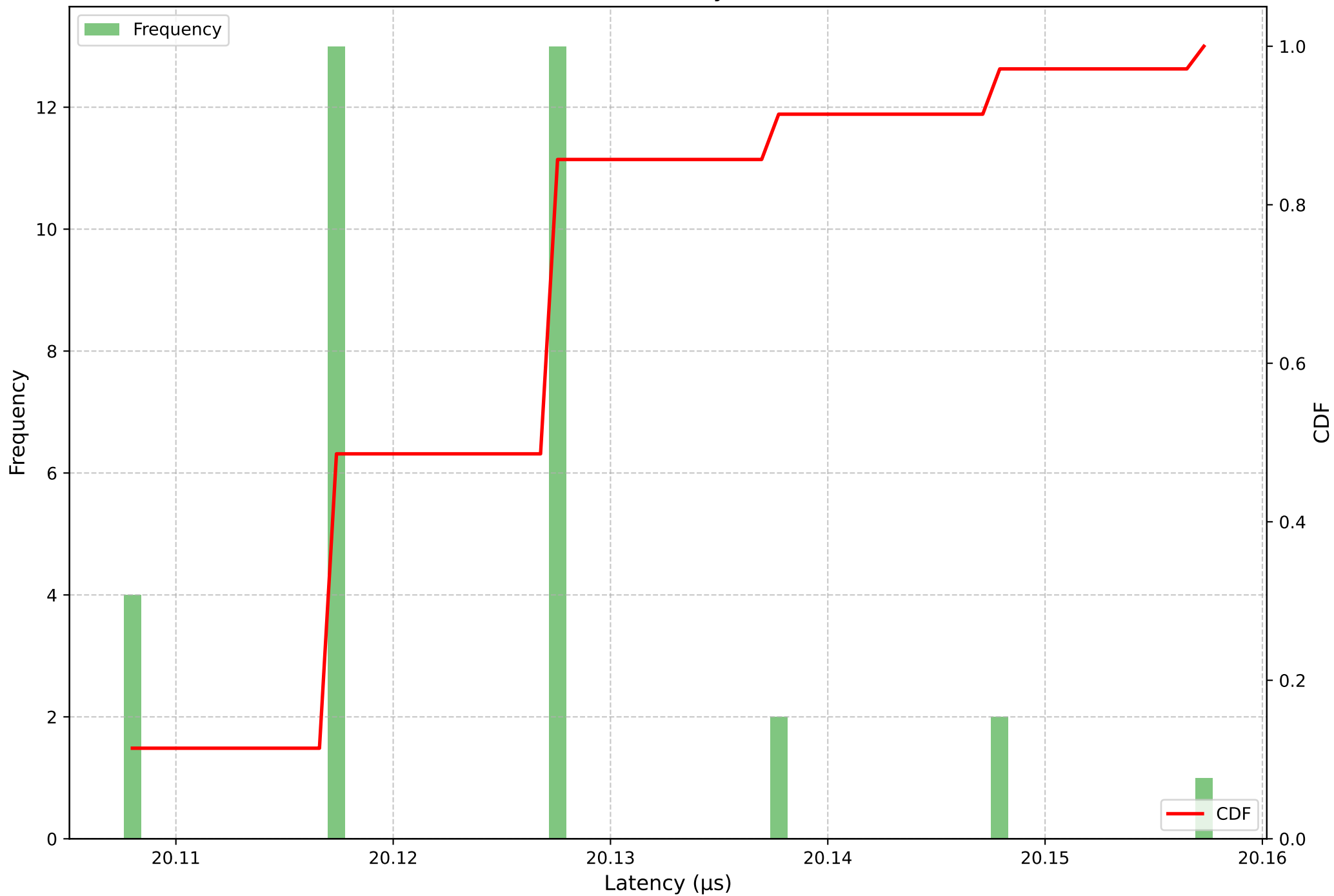
Schedule to Work Performance
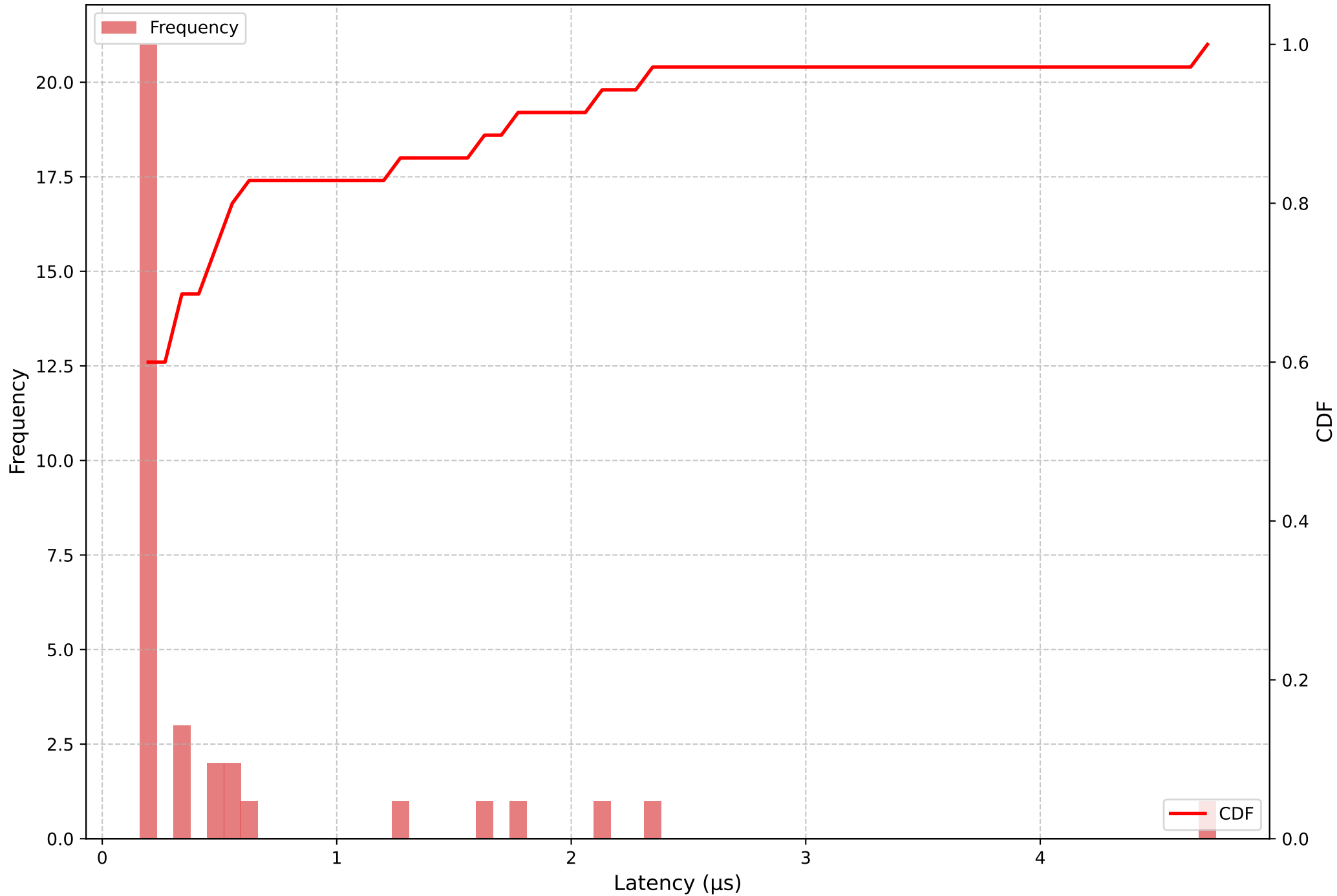
Schedule to Work Latency Distribution

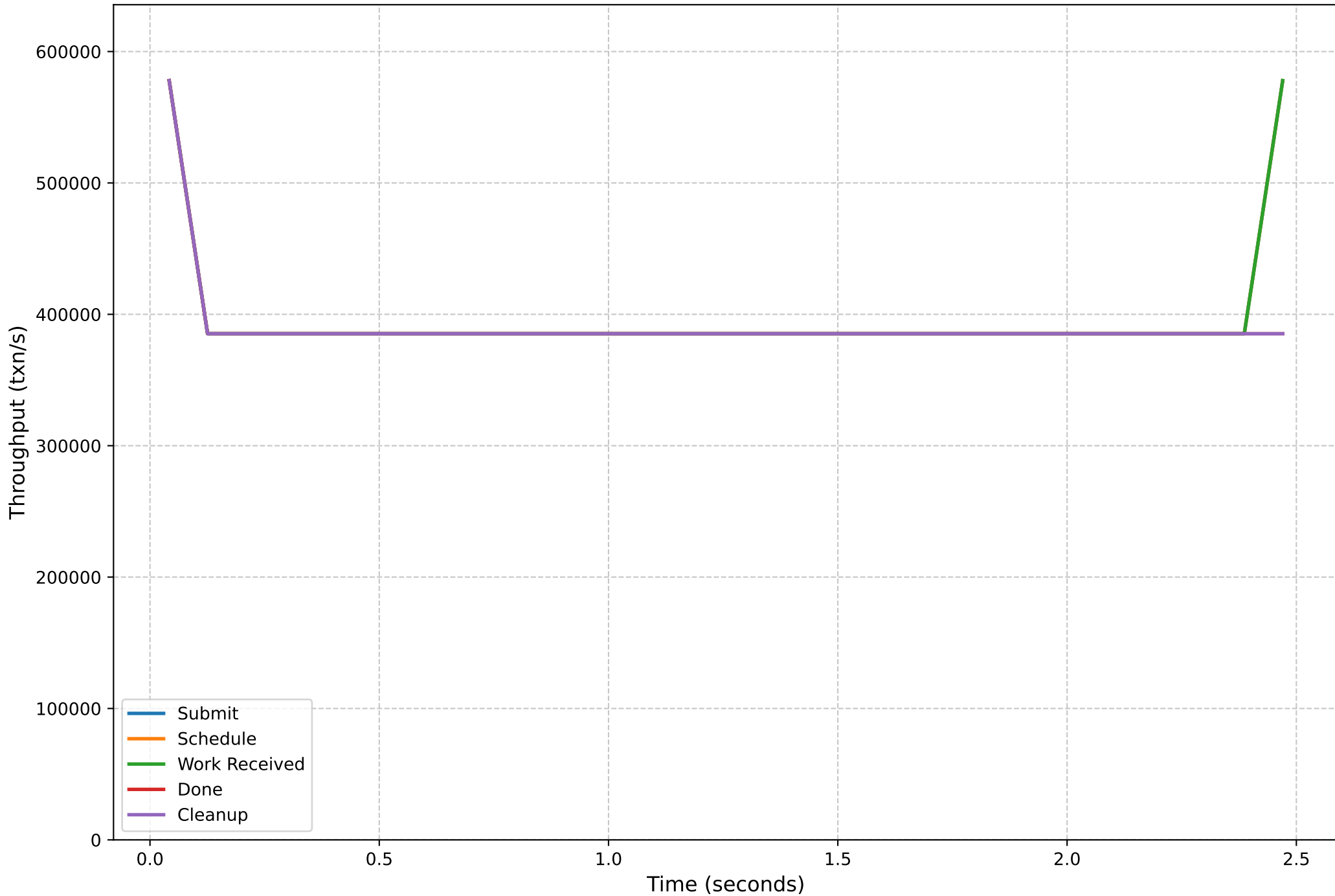Work to Done Performance

Work to Done Latency Distribution

Done to Cleanup Performance

Done to Cleanup Latency Distribution

Throughput Analysis

Throughput by Stage

Performance Summary Statistics

Total Transactions: 1000000
    Complete Transactions: 62
    Filtered Transactions (after outlier removal): 35
    Number of Puppets: 8

    Average Throughput: 385,237.84 txn/s

    Latency Statistics:

    End-to-End:
      Min: 229.89 µs
      Mean: 293.37 µs
      Median: 299.88 µs
      95th Percentile: 299.88 µs
      99th Percentile: 299.88 µs
      Max: 299.88 µs
      Std Dev: 14.89 µs
      Variability: 5.1%

    Submit to Schedule:
      Min: 141.51 µs
      Mean: 159.90 µs
      Median: 160.44 µs
      95th Percentile: 161.40 µs
      99th Percentile: 161.72 µs
      Max: 161.72 µs
      Std Dev: 3.21 µs
      Variability: 2.0%

    Schedule to Work:

Performance Summary Statistics

Min: 49.96 µs
Mean: 112.99 µs
Median: 119.11 µs
95th Percentile: 119.11 µs
99th Percentile: 119.11 µs
Max: 119.11 µs
Std Dev: 14.76 µs
Variability: 13.1%

Work to Done:
Min: 20.11 µs
Mean: 20.12 µs
Median: 20.13 µs
95th Percentile: 20.15 µs
99th Percentile: 20.16 µs
Max: 20.16 µs
Std Dev: 0.01 µs
Variability: 0.1%

Done to Cleanup:
Min: 0.20 µs
Mean: 0.62 µs
Median: 0.20 µs
95th Percentile: 2.35 µs
99th Percentile: 4.71 µs
Max: 4.71 µs
Std Dev: 0.91 µs
Variability: 146.4%