

BENCH TEST SUMMARY

Performance Test Report

Project Name: test123

Done By: QA Team

Test Date: February 25, 2026

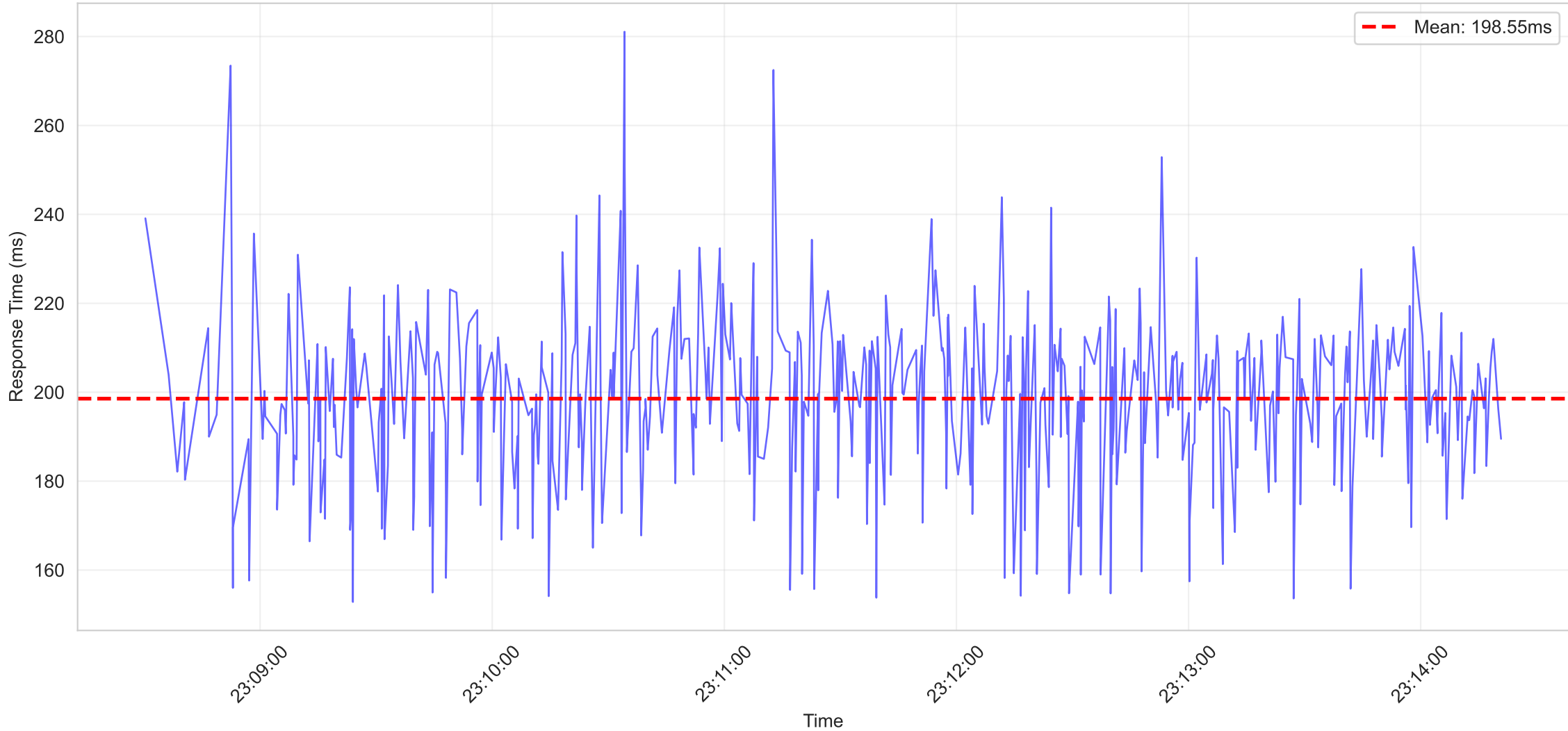
Automated Performance Testing Framework

© 2026 Performance Test Suite

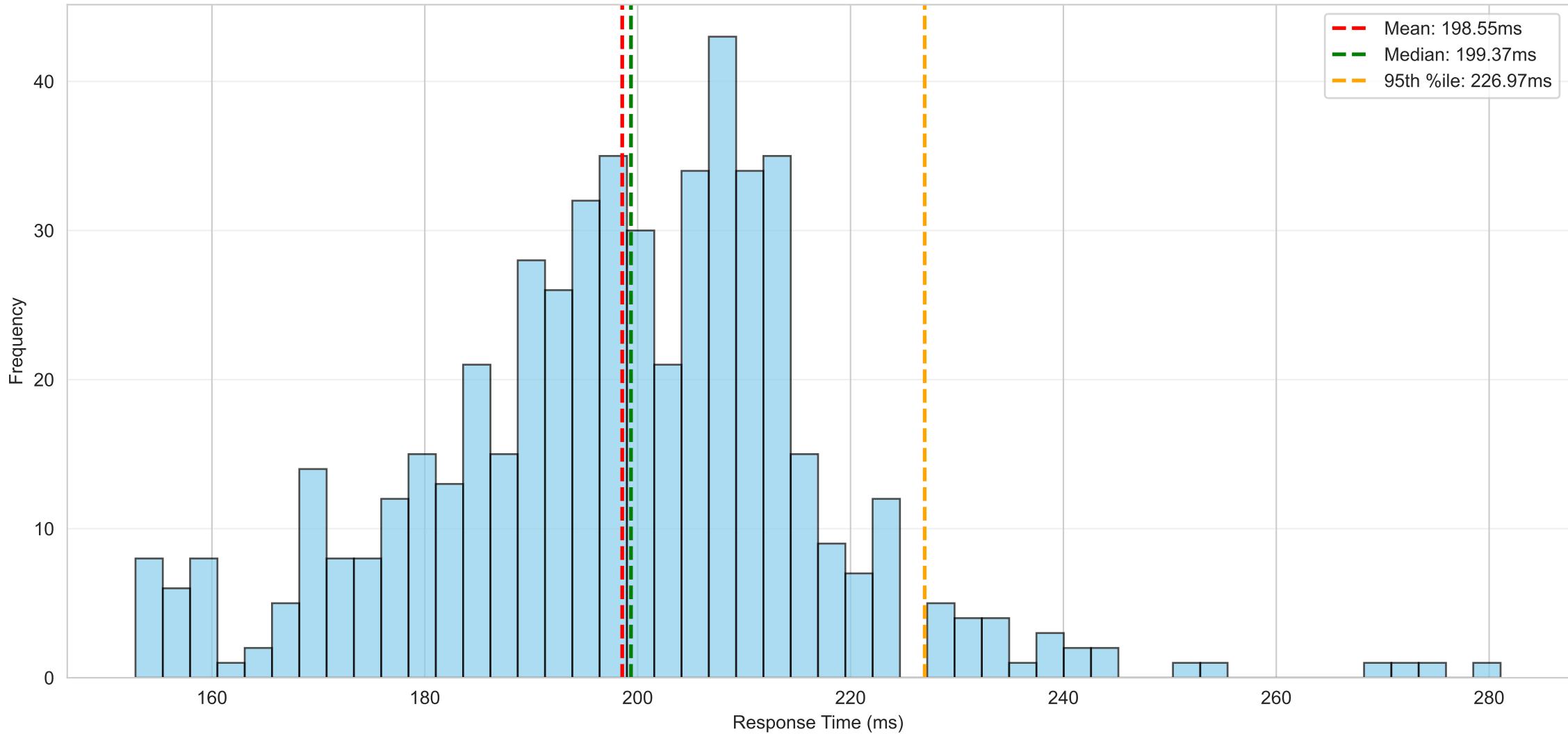
Performance Metrics Summary (10 user test.)

Metric	Value
Total Requests	524
Total Suites	1
Max Concurrent Users	10
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	198.55
Min Response Time (ms)	152.82
Max Response Time (ms)	281.08
Median Response Time (ms)	199.37
95th Percentile (ms)	226.97
99th Percentile (ms)	249.18
Avg Think Time (ms)	6041.98

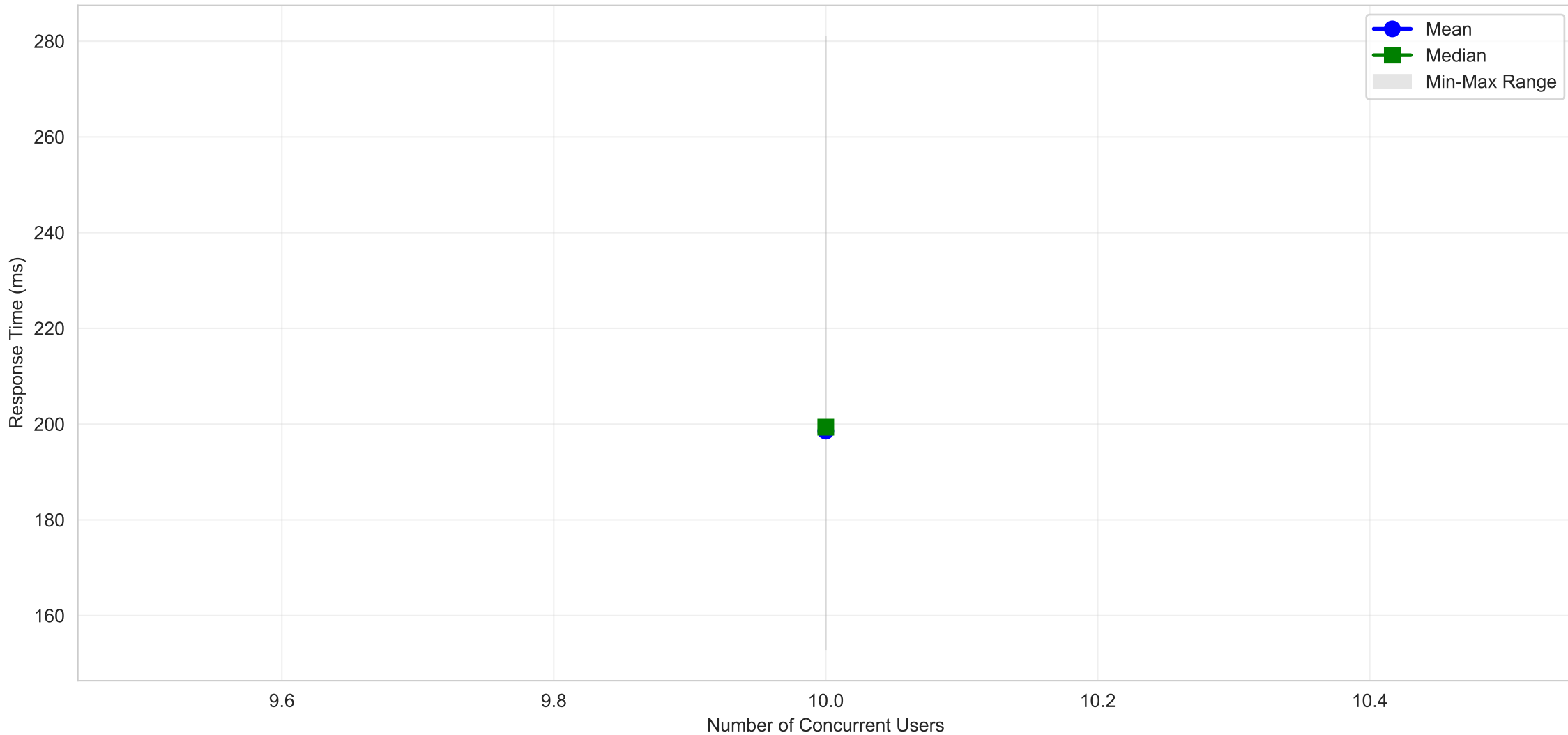
Response Time Over Time (10 user test)



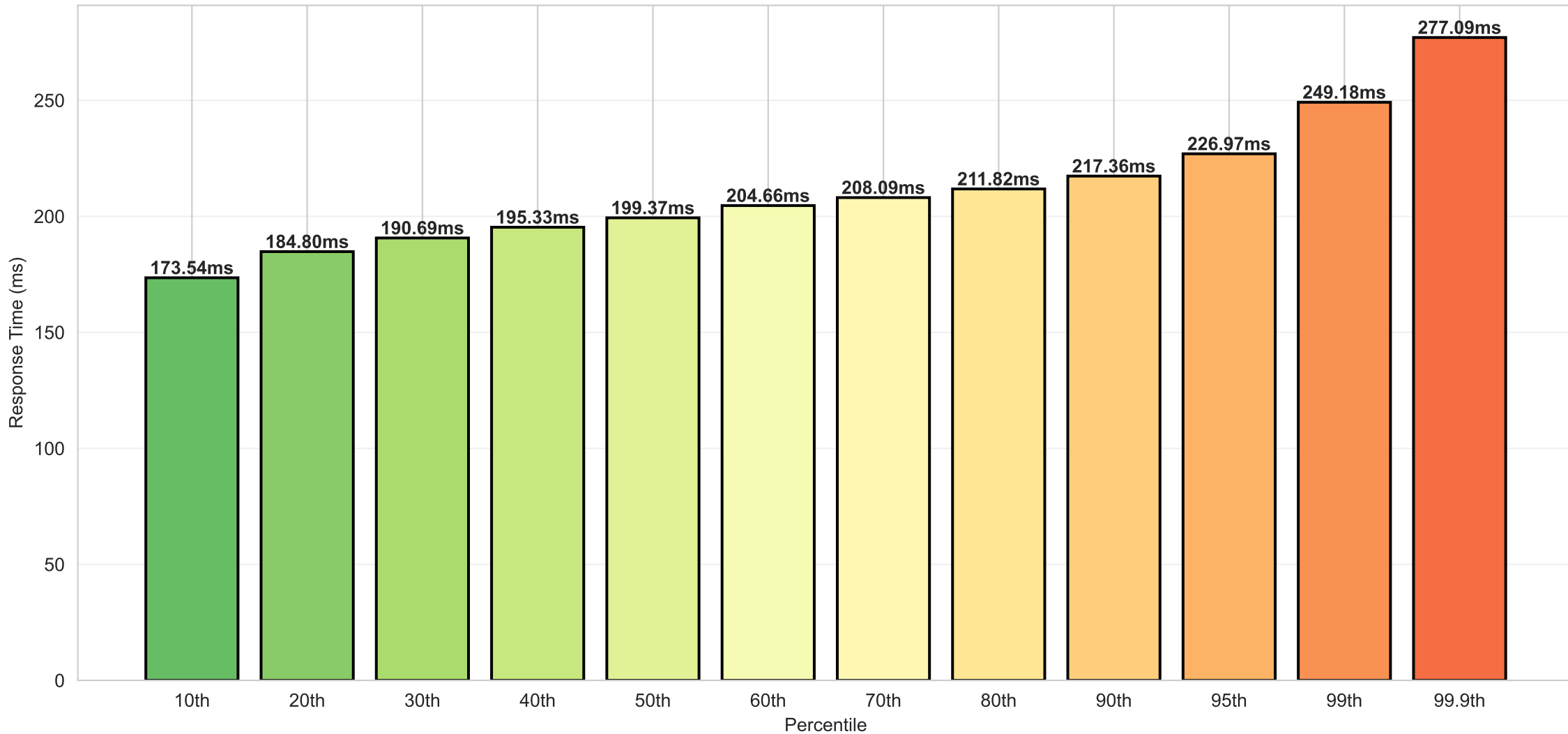
Response Time Distribution (10 user test)



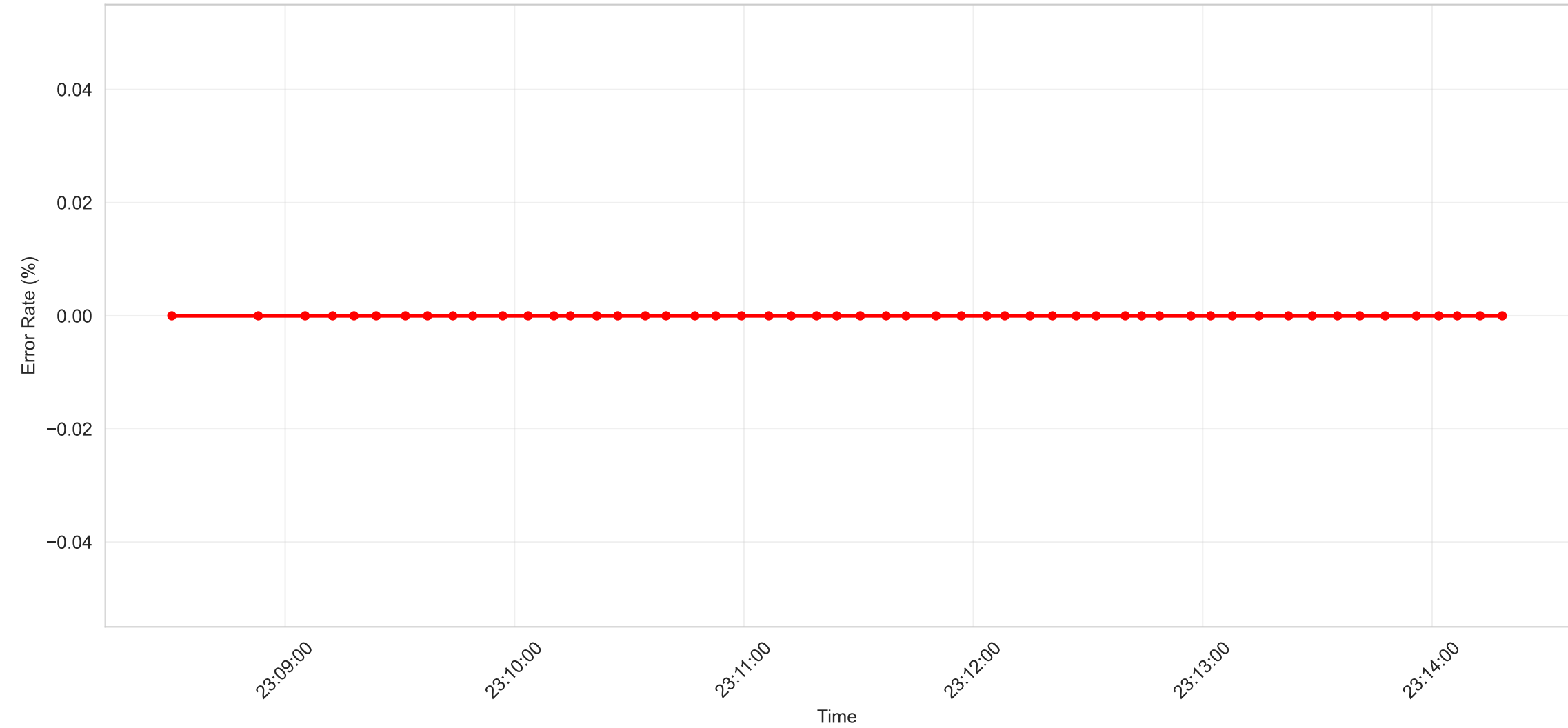
Response Time vs Concurrent Users (10 user test)



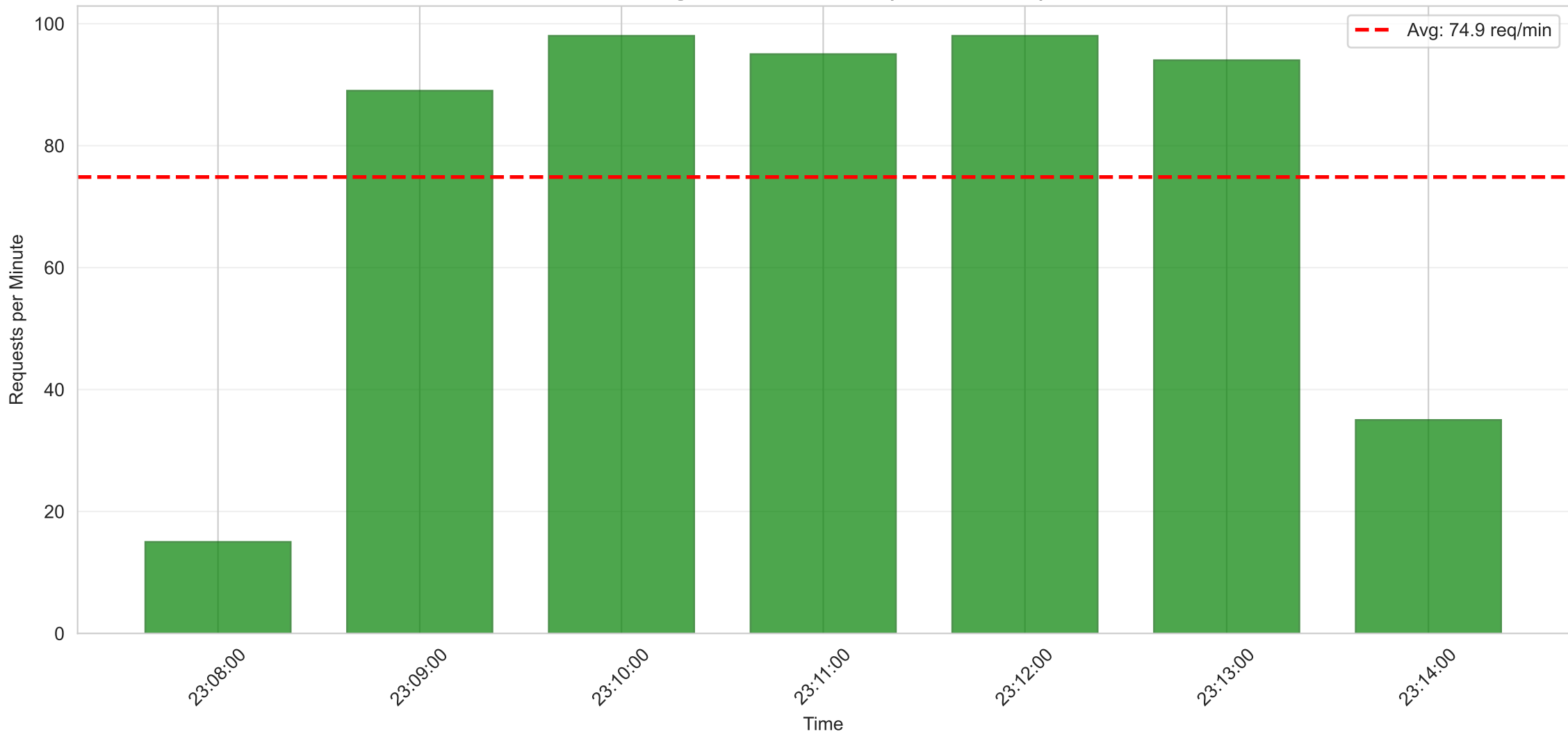
Response Time Percentiles (10 user test)



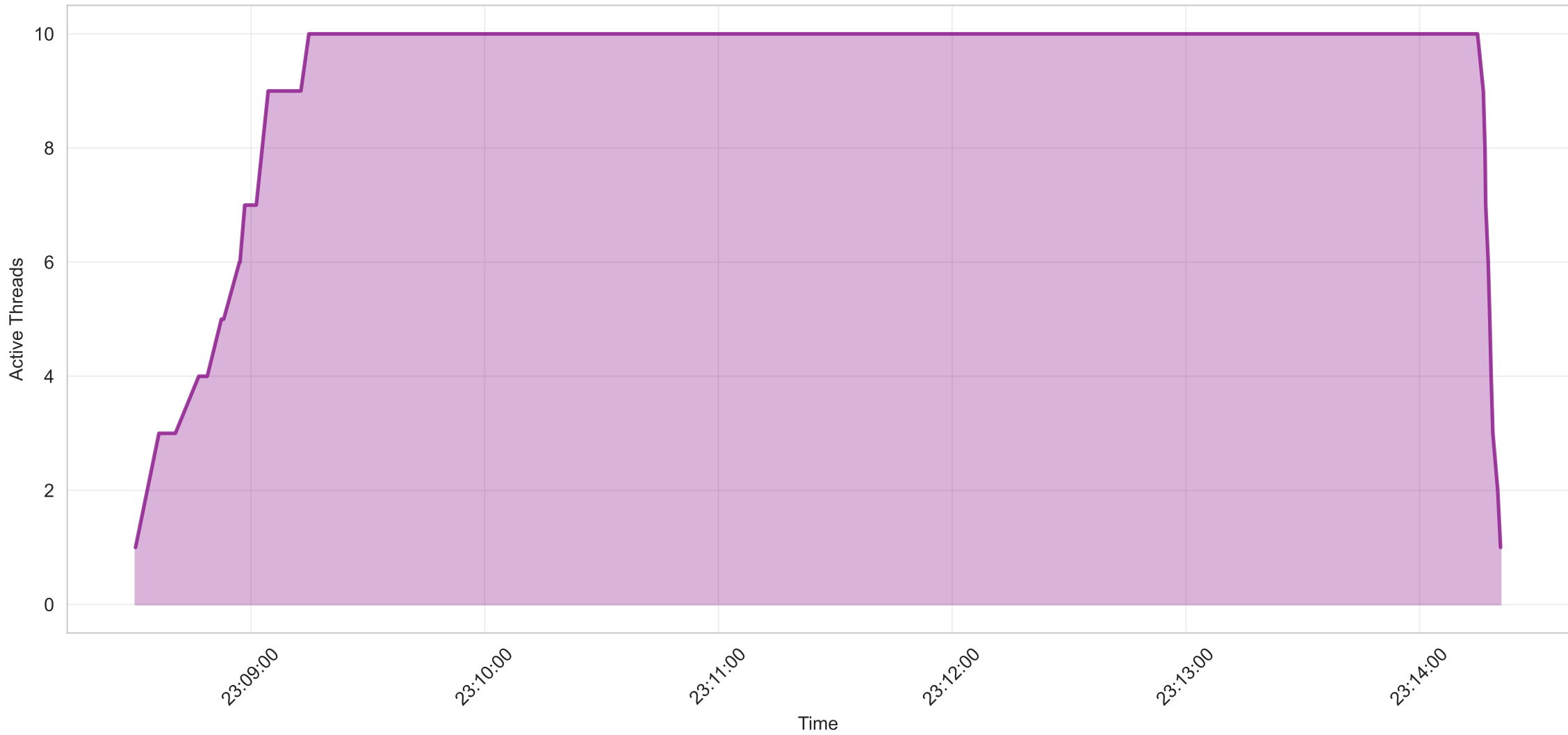
Error Rate Over Time (10 user test)



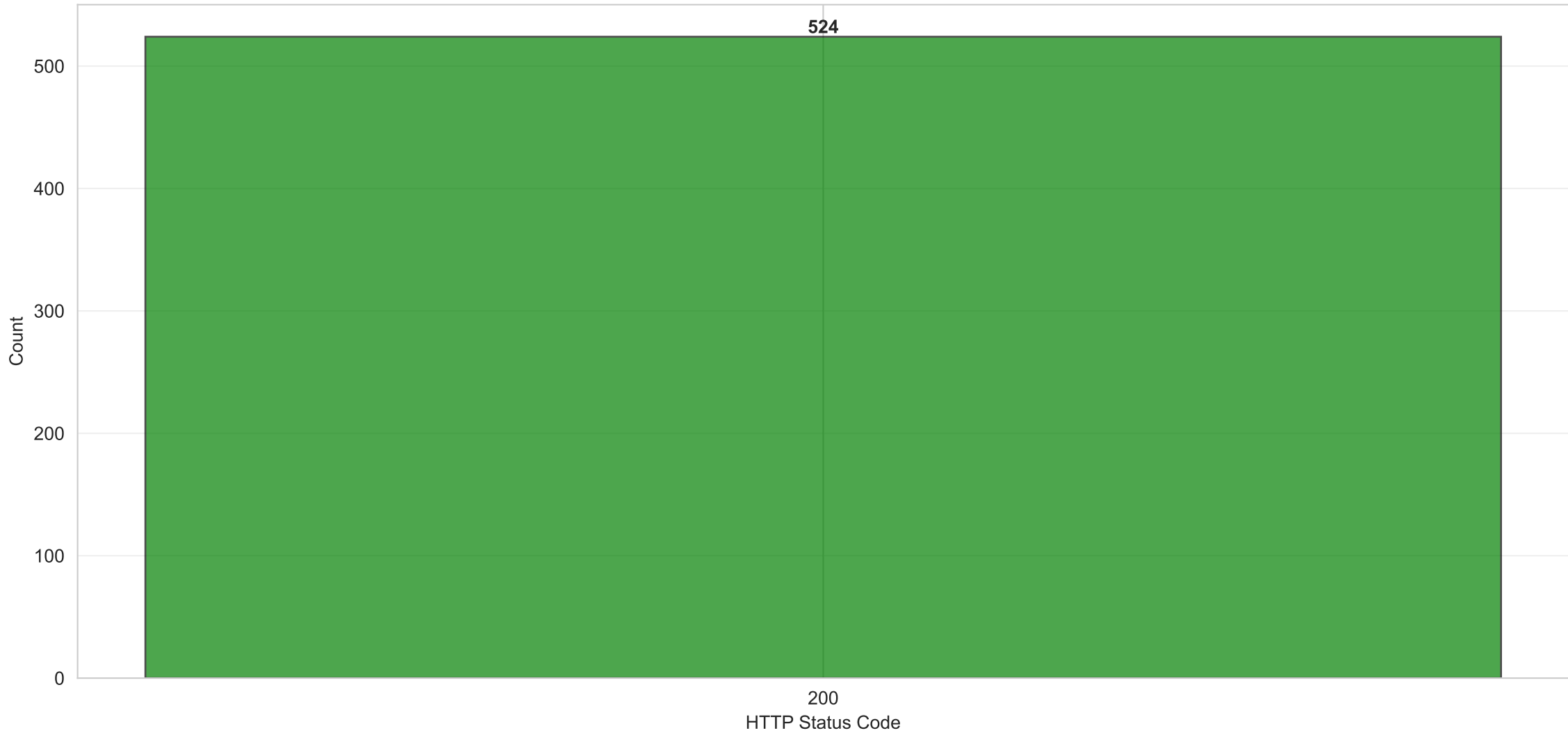
Throughput Over Time (10 user test)



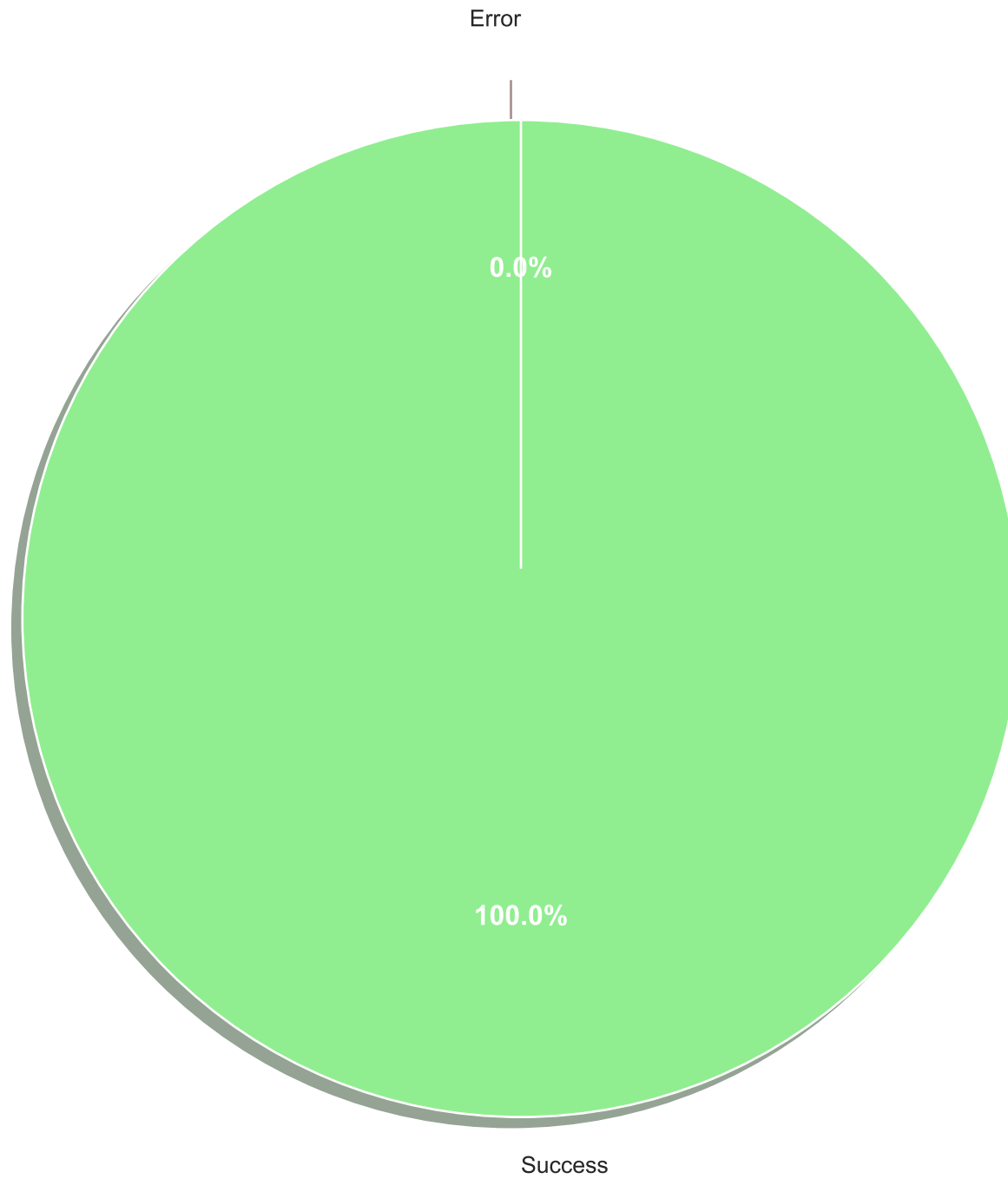
Active Threads Over Time (10 user test)



HTTP Status Code Distribution (10 user test)



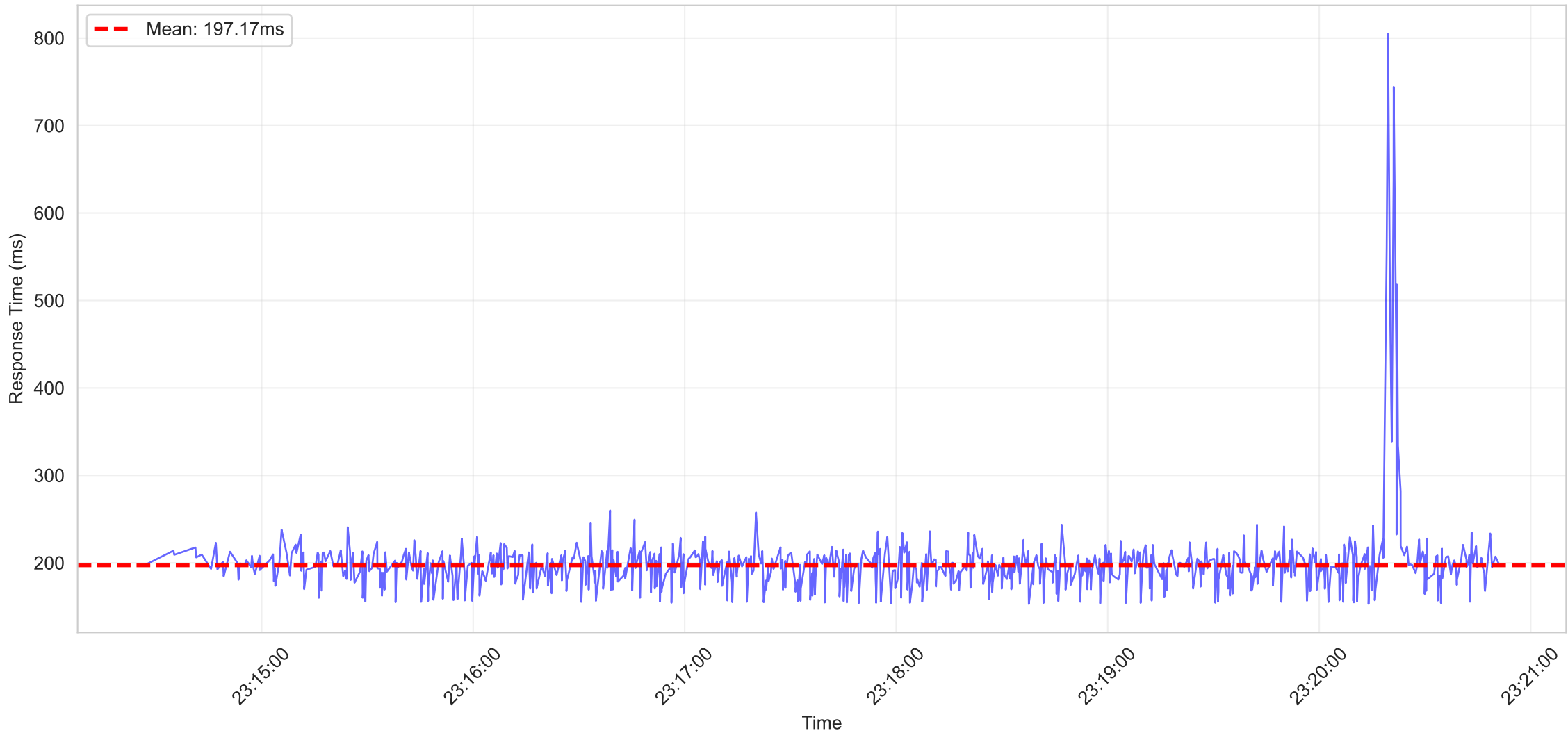
Success vs Error Rate (10 user test)



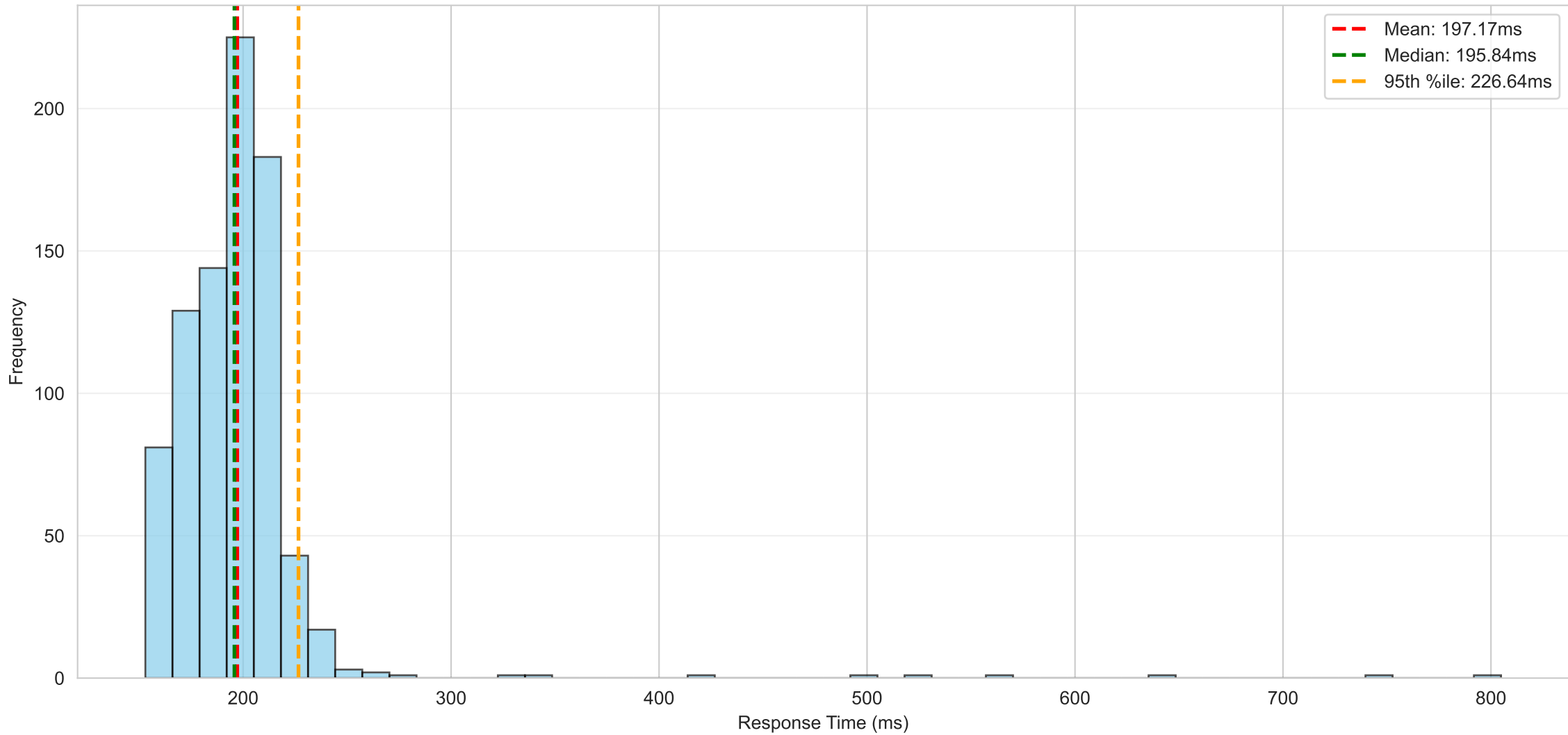
Performance Metrics Summary (15 user test.)

Metric	Value
Total Requests	837
Total Suites	1
Max Concurrent Users	15
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	197.17
Min Response Time (ms)	153.02
Max Response Time (ms)	804.85
Median Response Time (ms)	195.84
95th Percentile (ms)	226.64
99th Percentile (ms)	315.26
Avg Think Time (ms)	6014.34

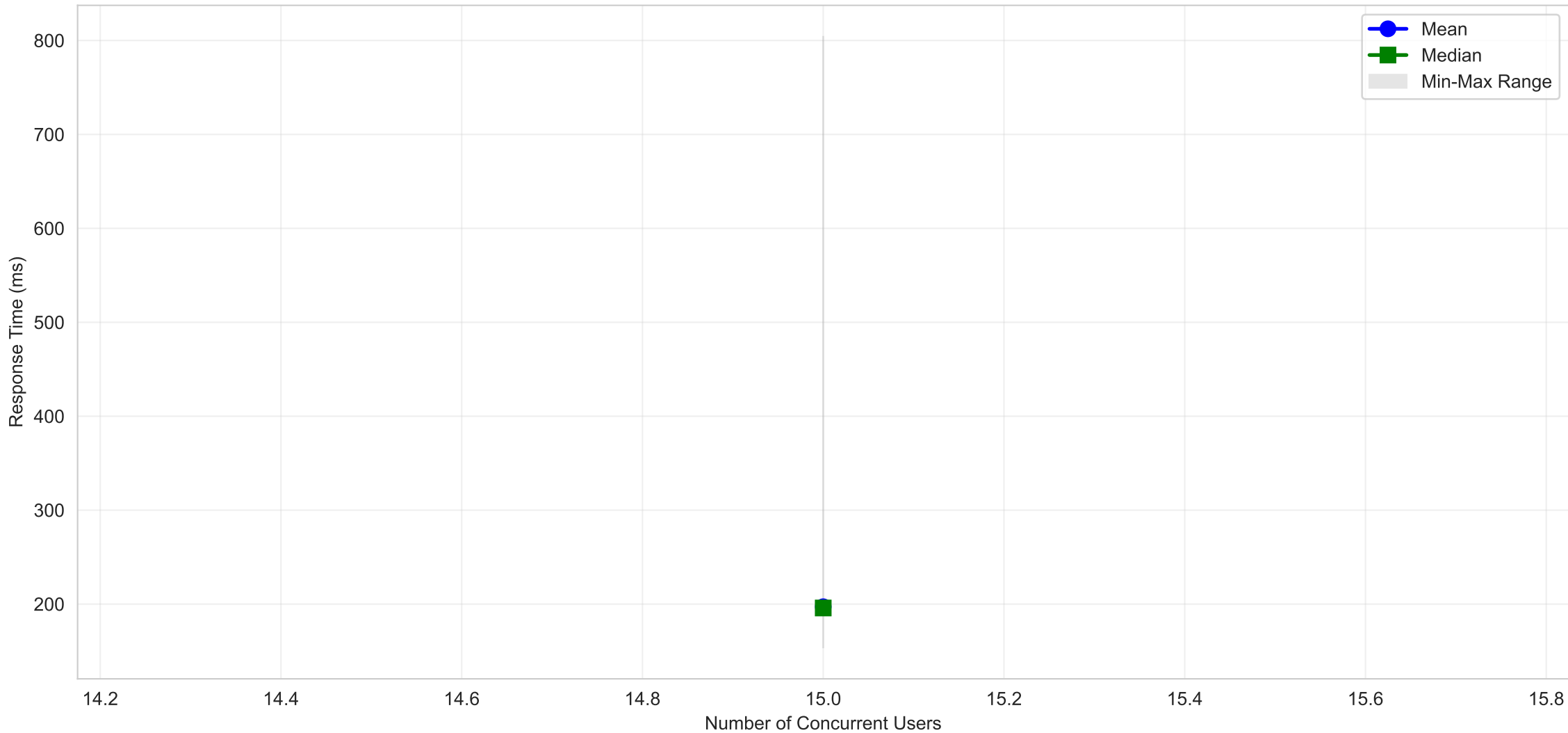
Response Time Over Time (15 user test)



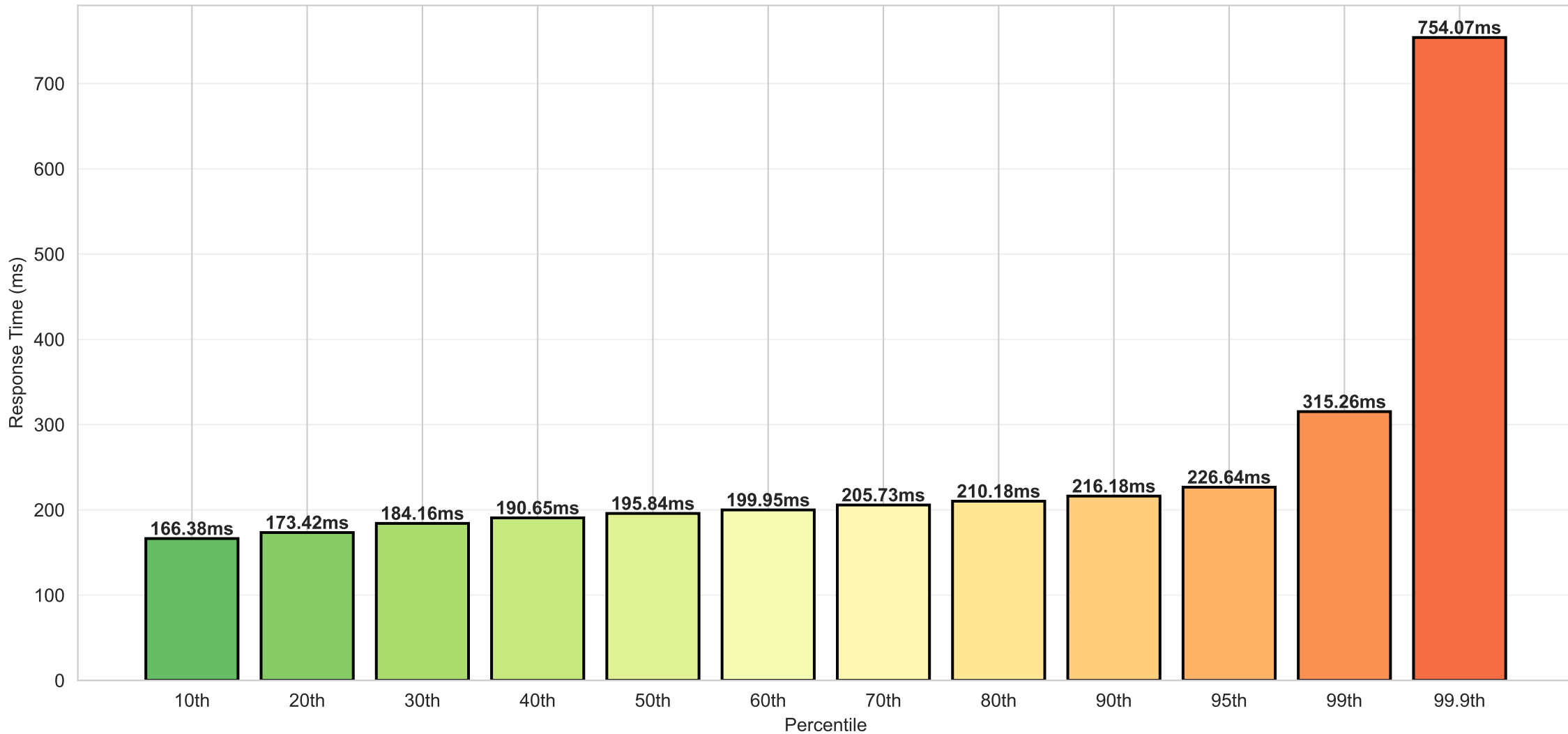
Response Time Distribution (15 user test)



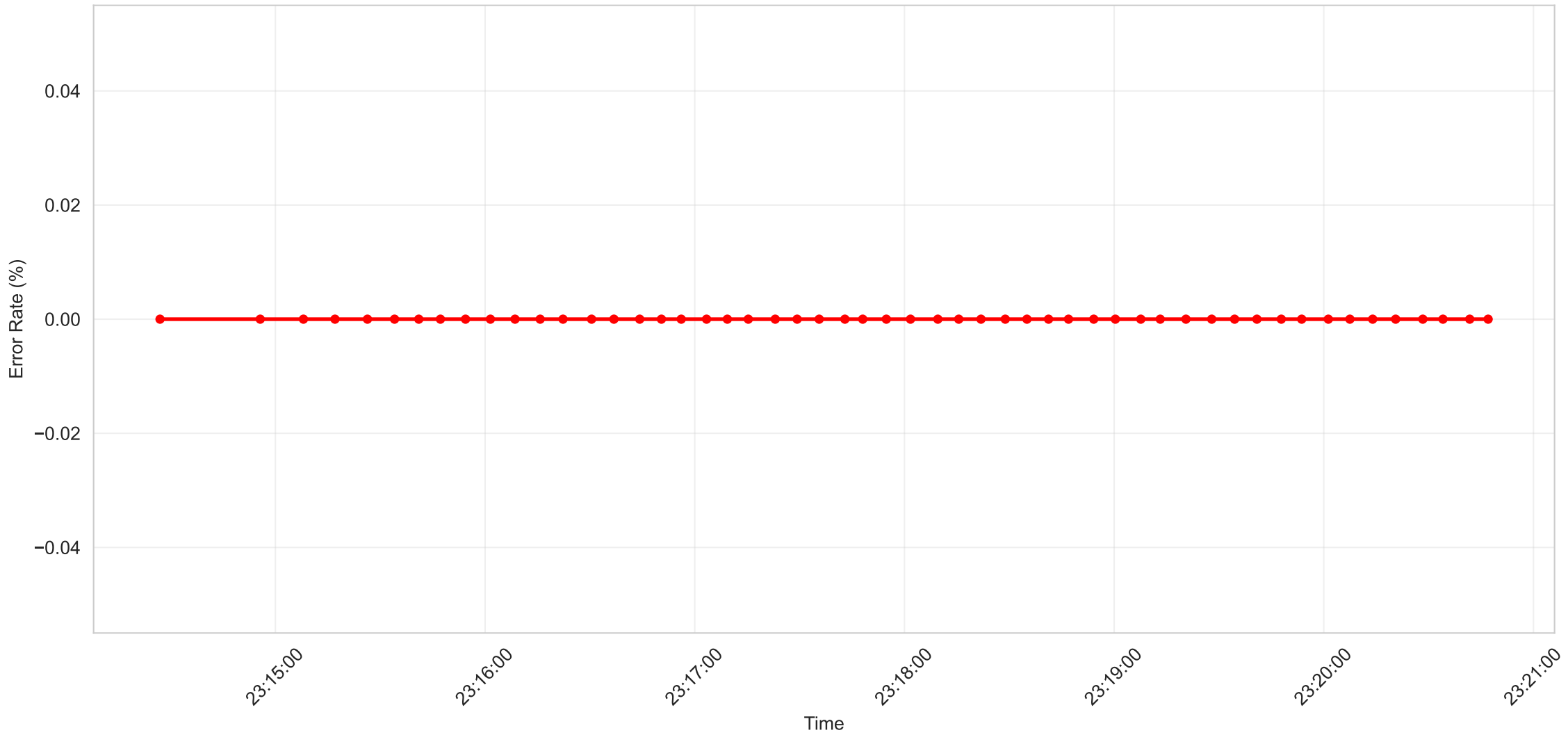
Response Time vs Concurrent Users (15 user test)



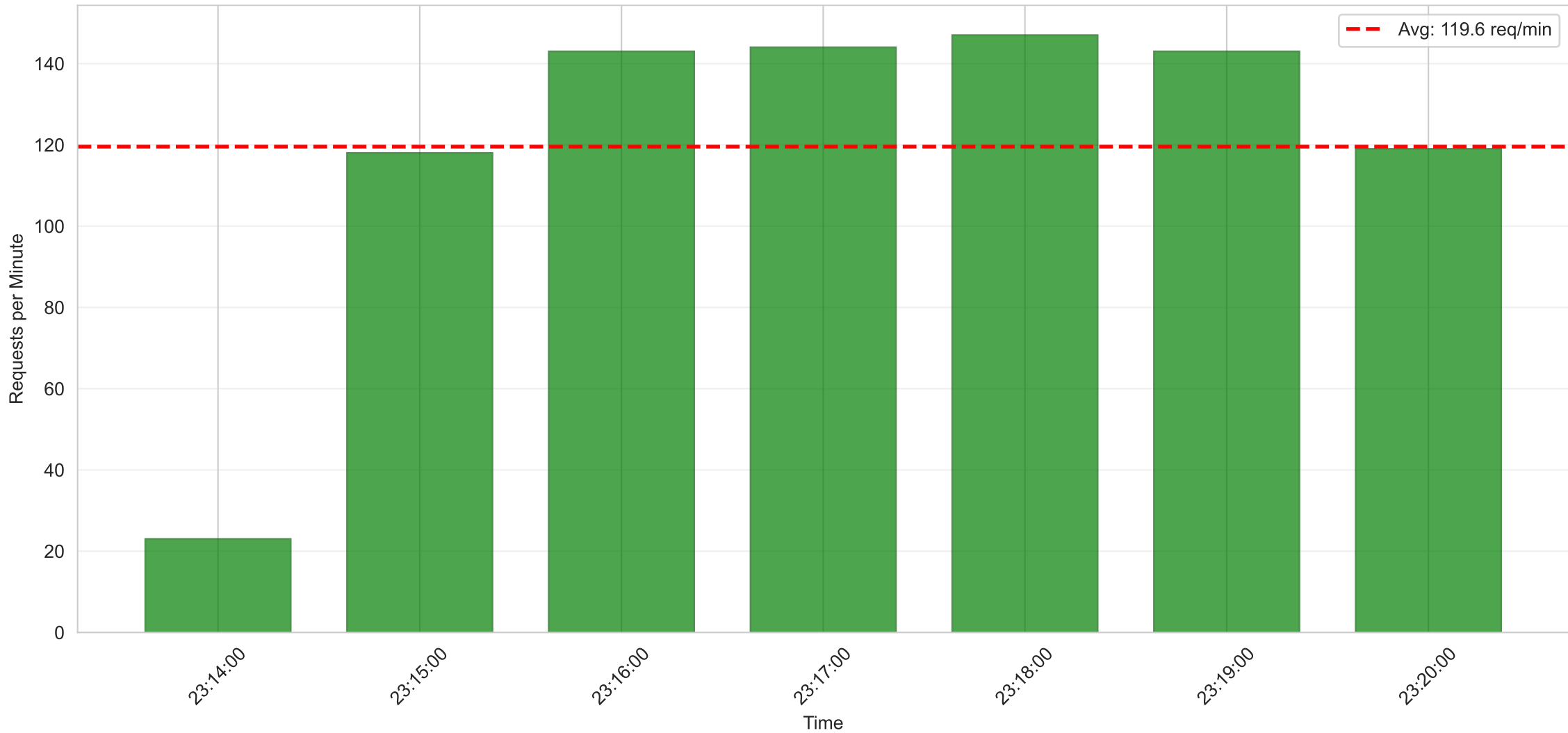
Response Time Percentiles (15 user test)



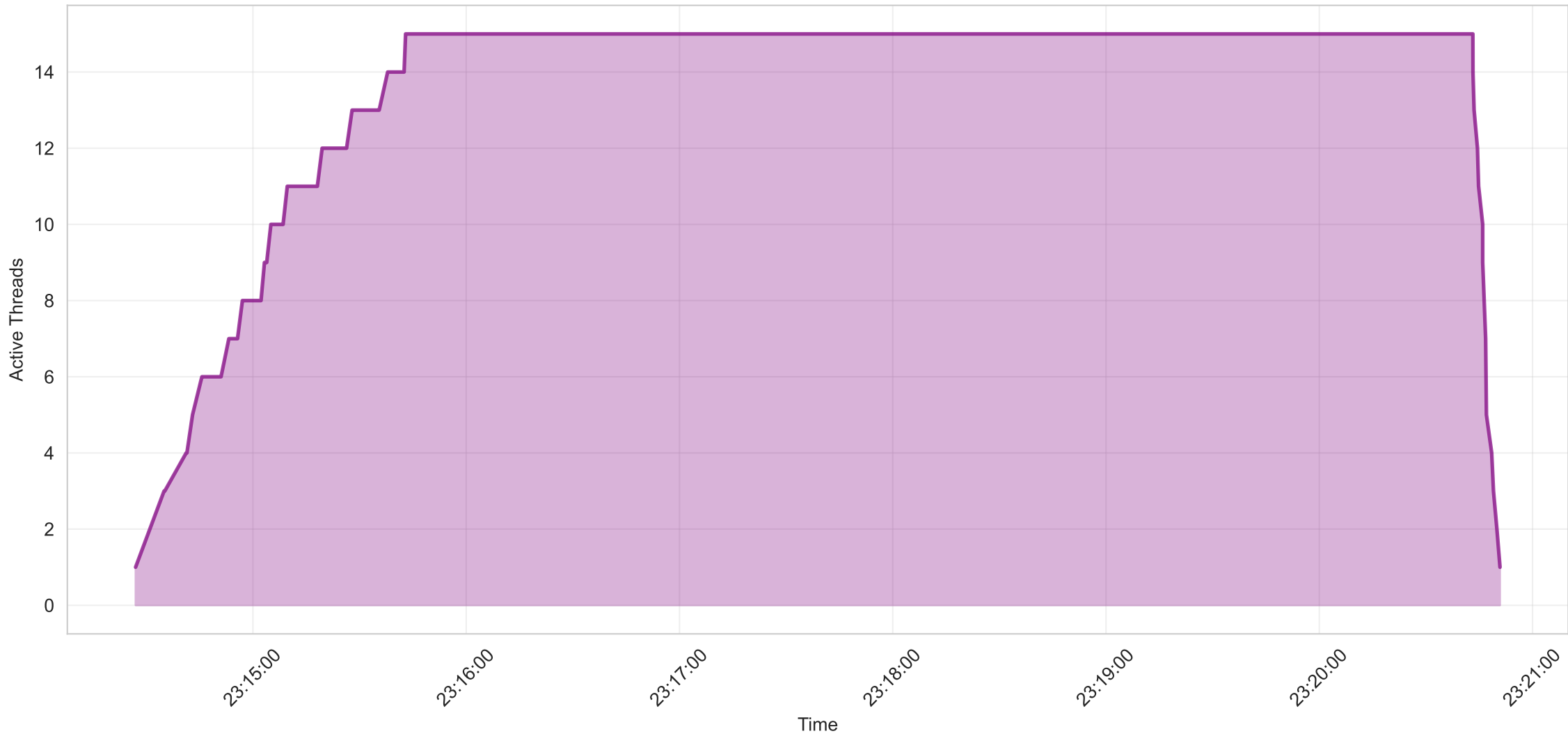
Error Rate Over Time (15 user test)



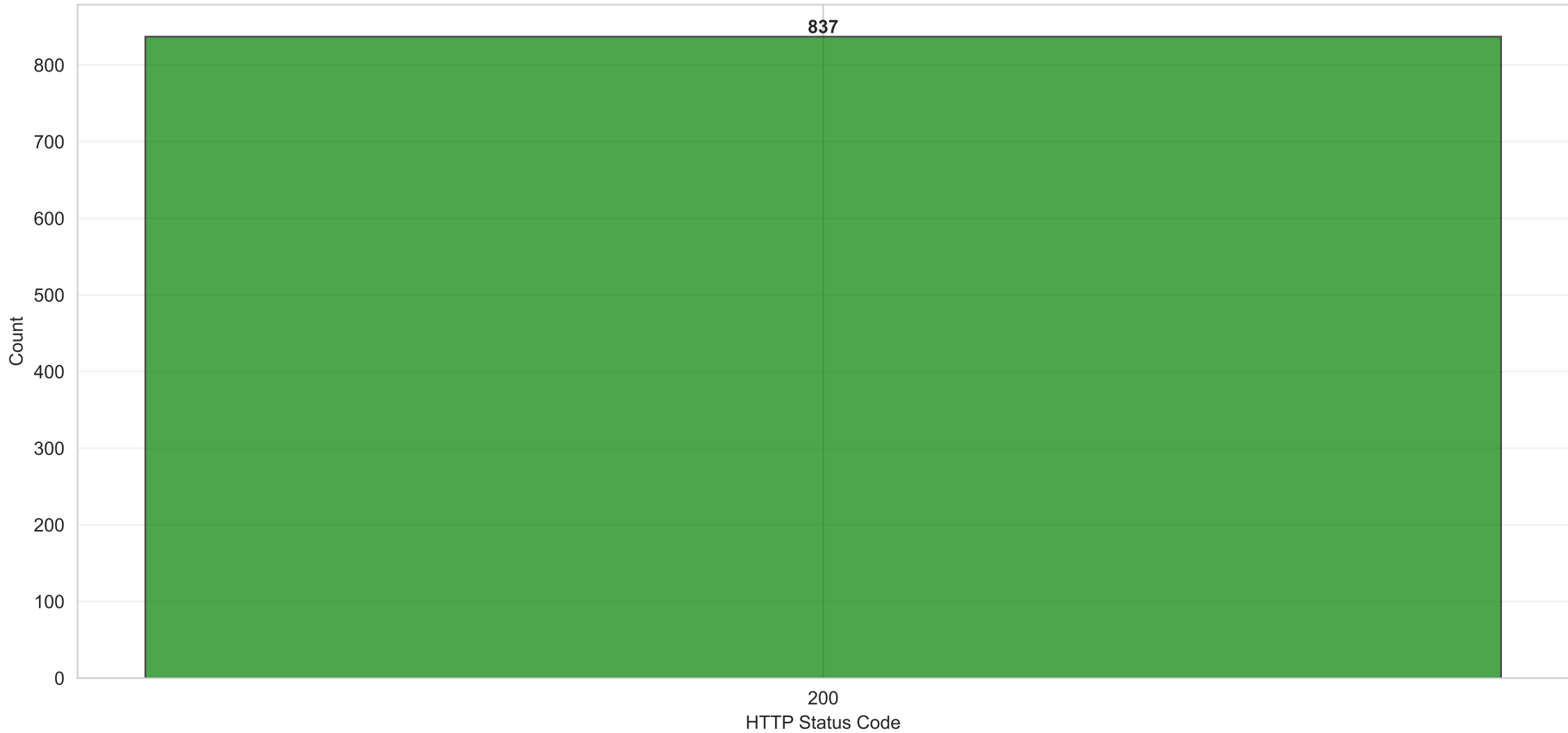
Throughput Over Time (15 user test)



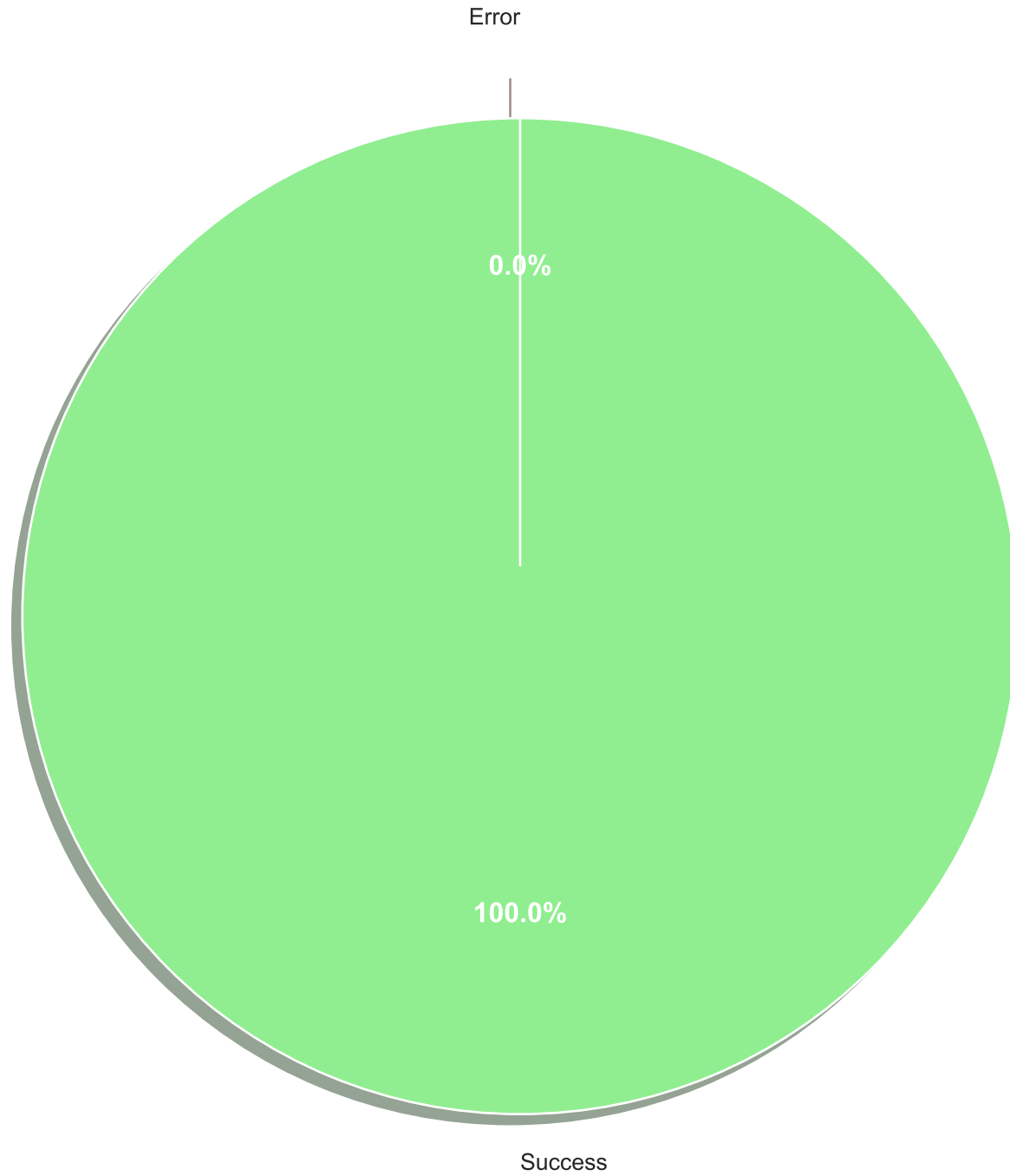
Active Threads Over Time (15 user test)



HTTP Status Code Distribution (15 user test)



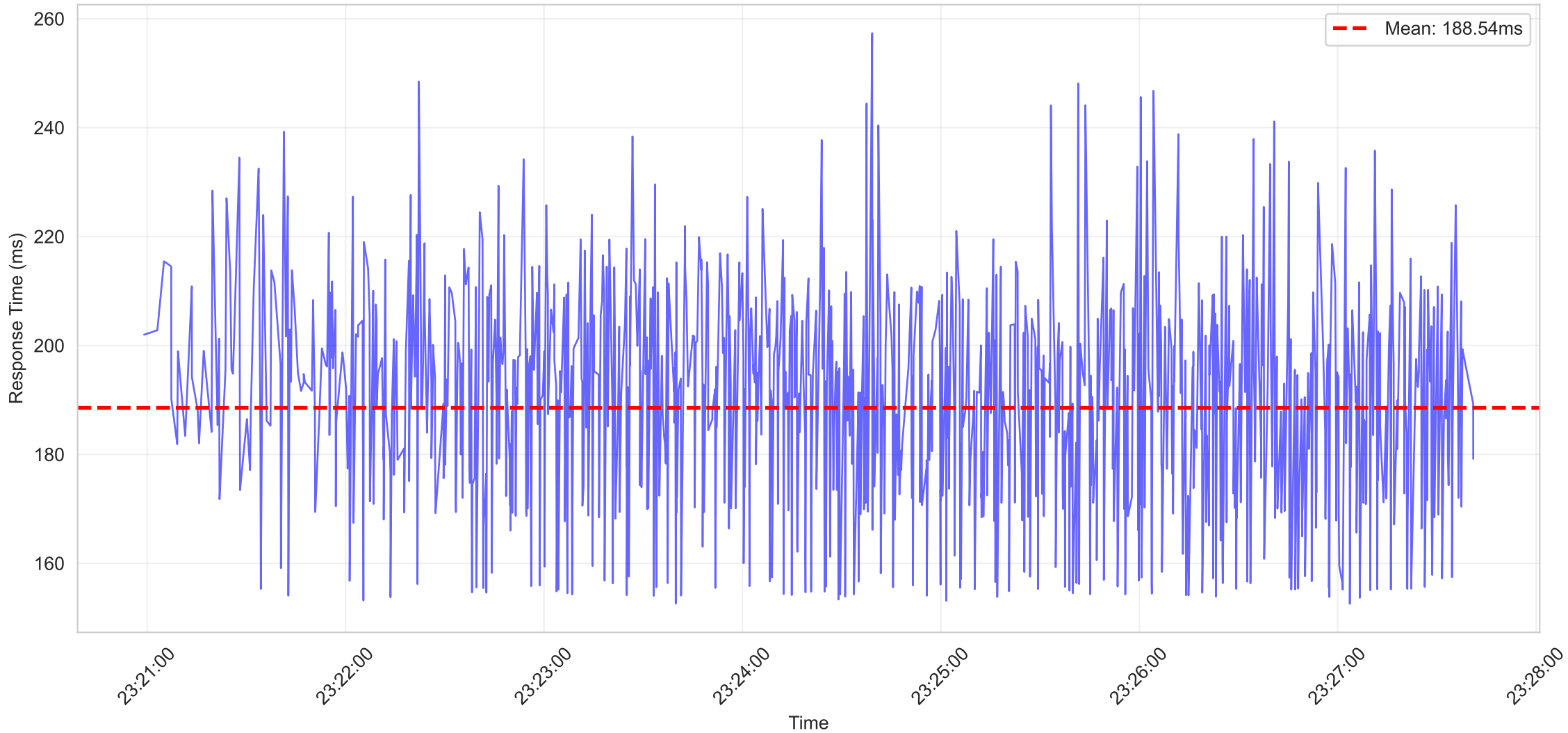
Success vs Error Rate (15 user test)



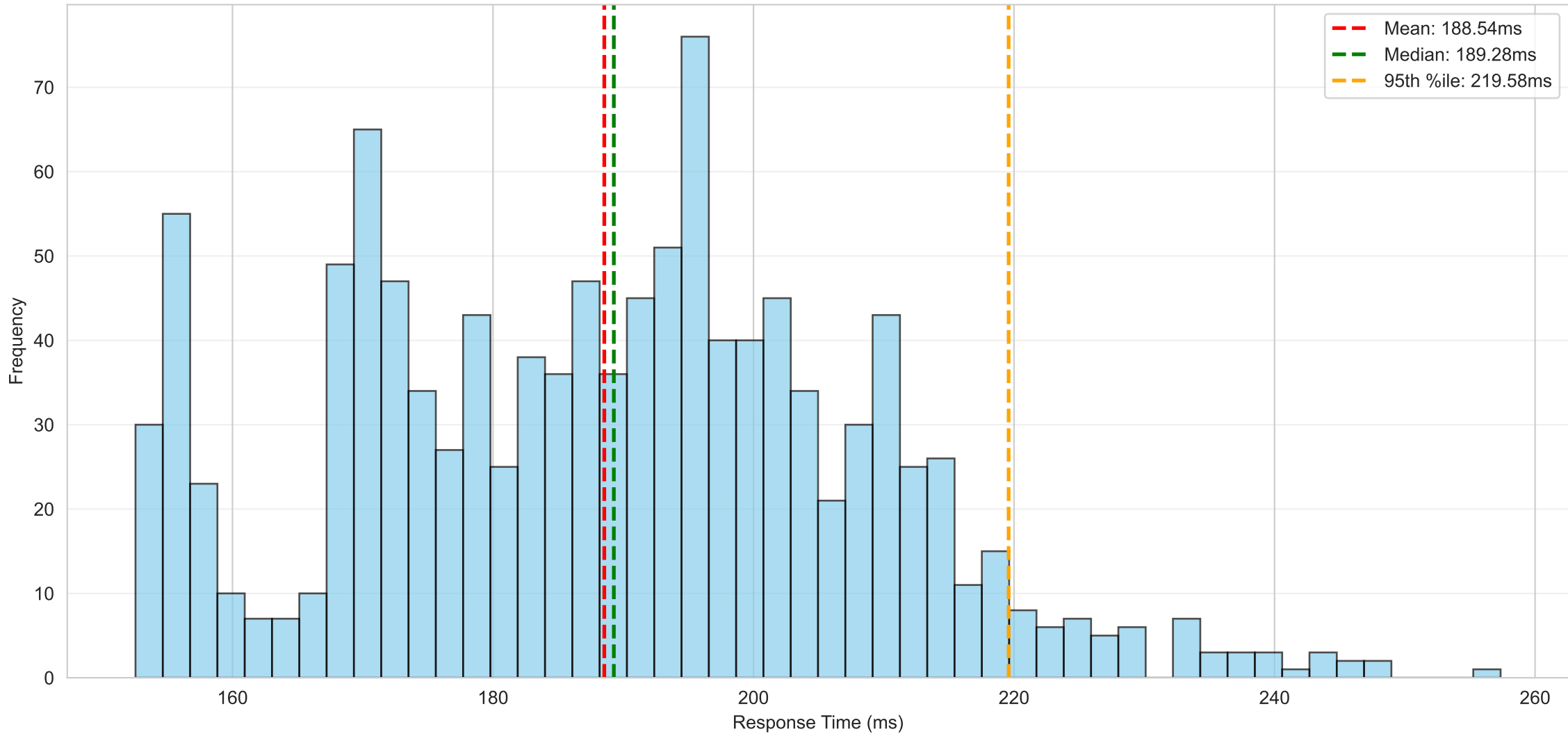
Performance Metrics Summary (20 user test.)

Metric	Value
Total Requests	1148
Total Suites	1
Max Concurrent Users	20
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	188.54
Min Response Time (ms)	152.56
Max Response Time (ms)	257.35
Median Response Time (ms)	189.28
95th Percentile (ms)	219.58
99th Percentile (ms)	238.61
Avg Think Time (ms)	5975.61

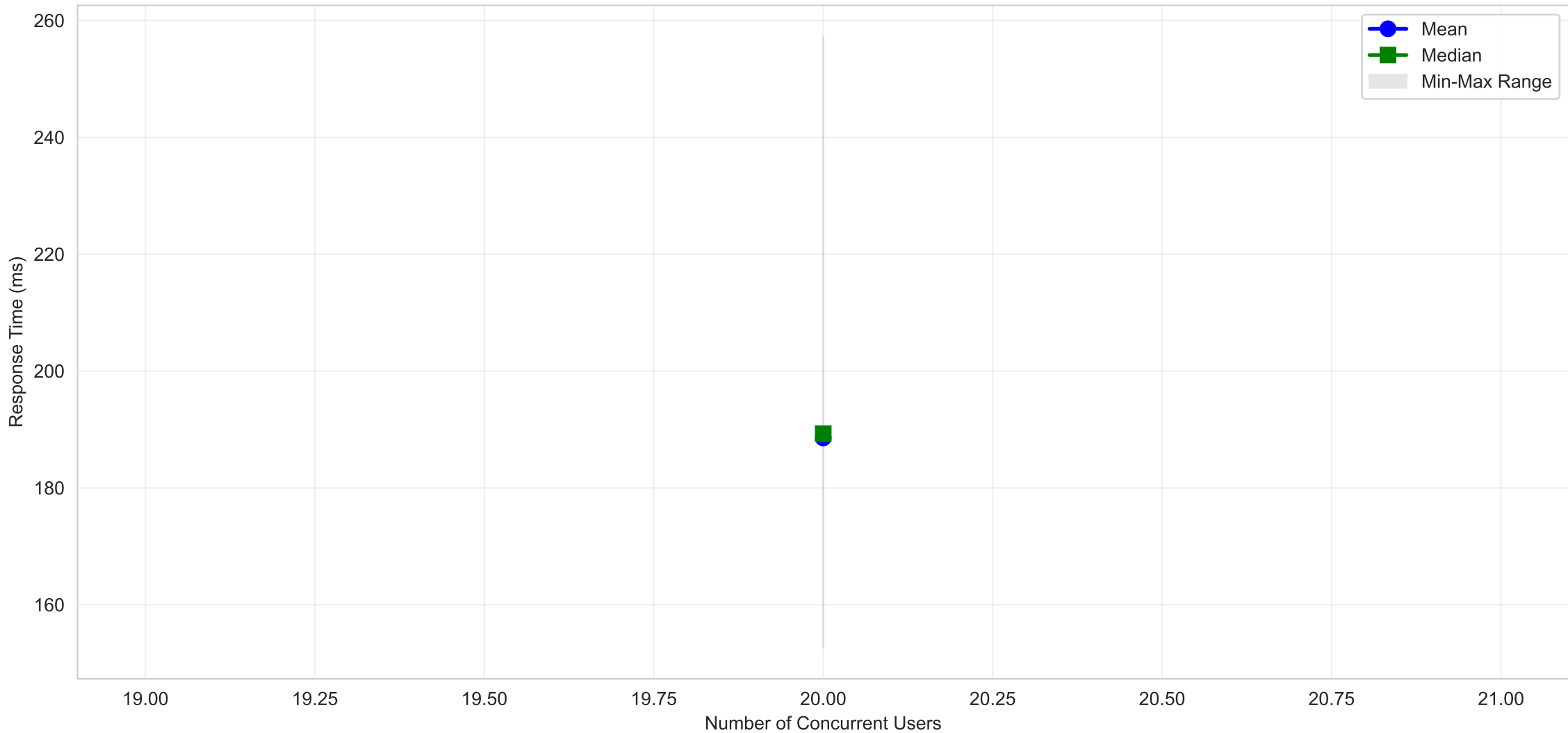
Response Time Over Time (20 user test)



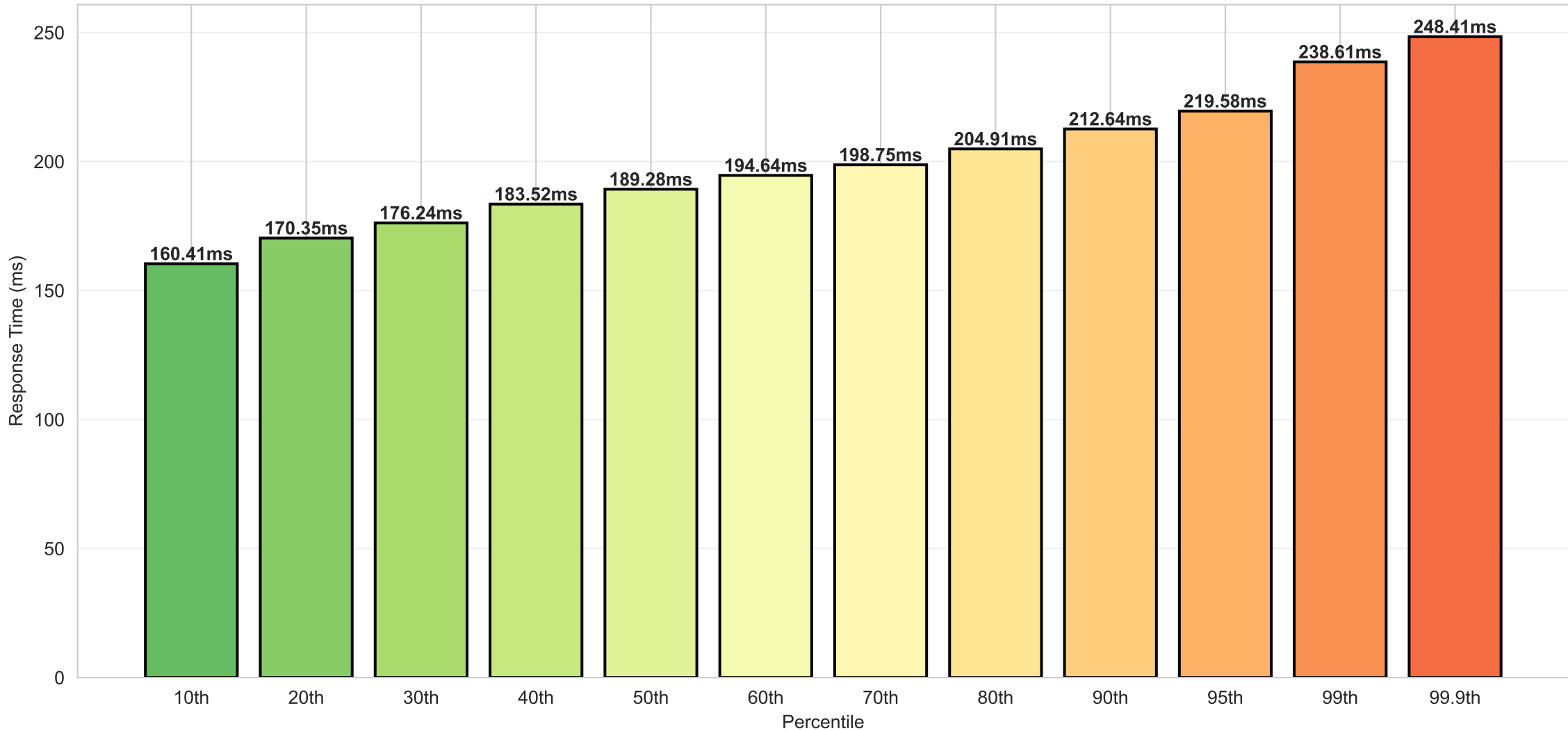
Response Time Distribution (20 user test)



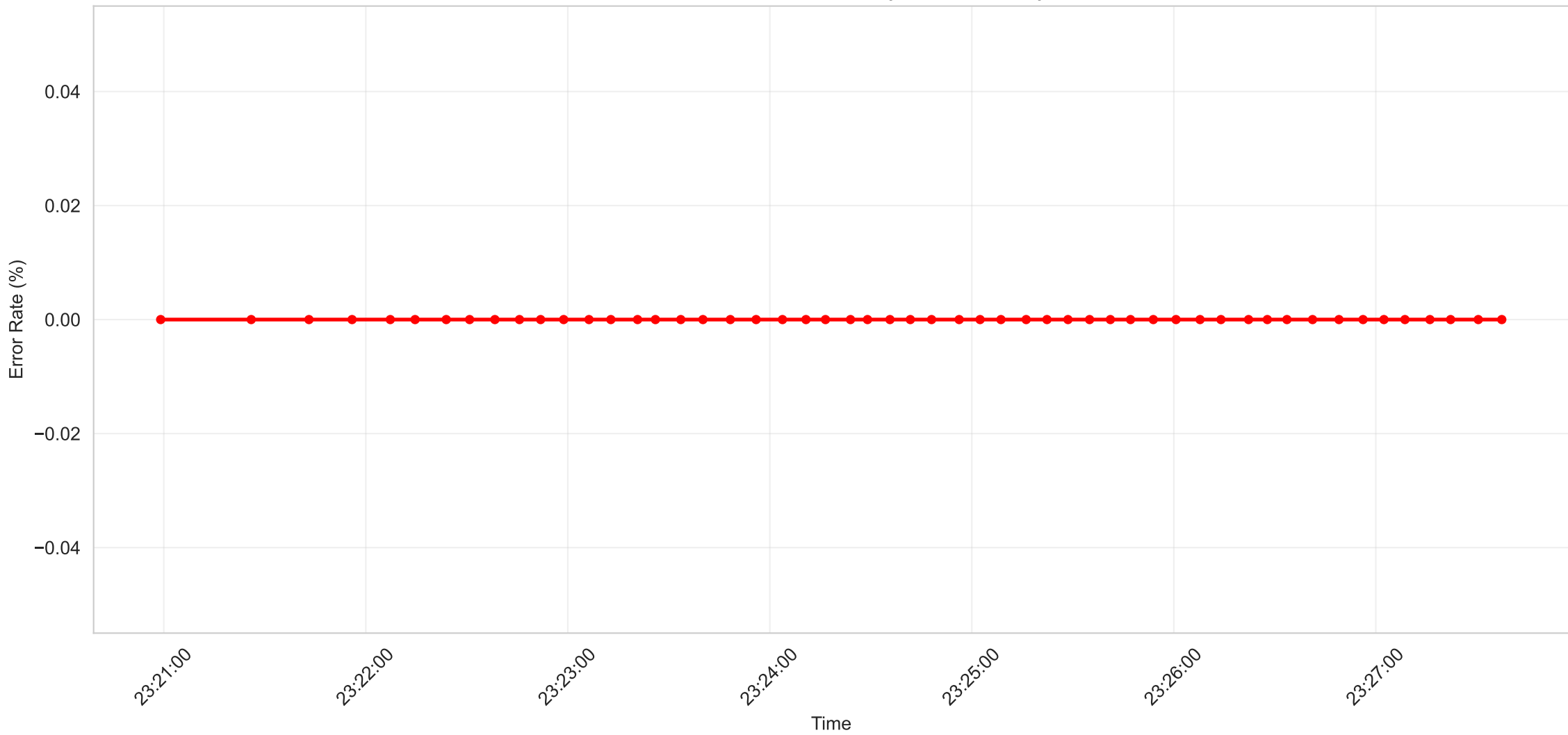
Response Time vs Concurrent Users (20 user test)



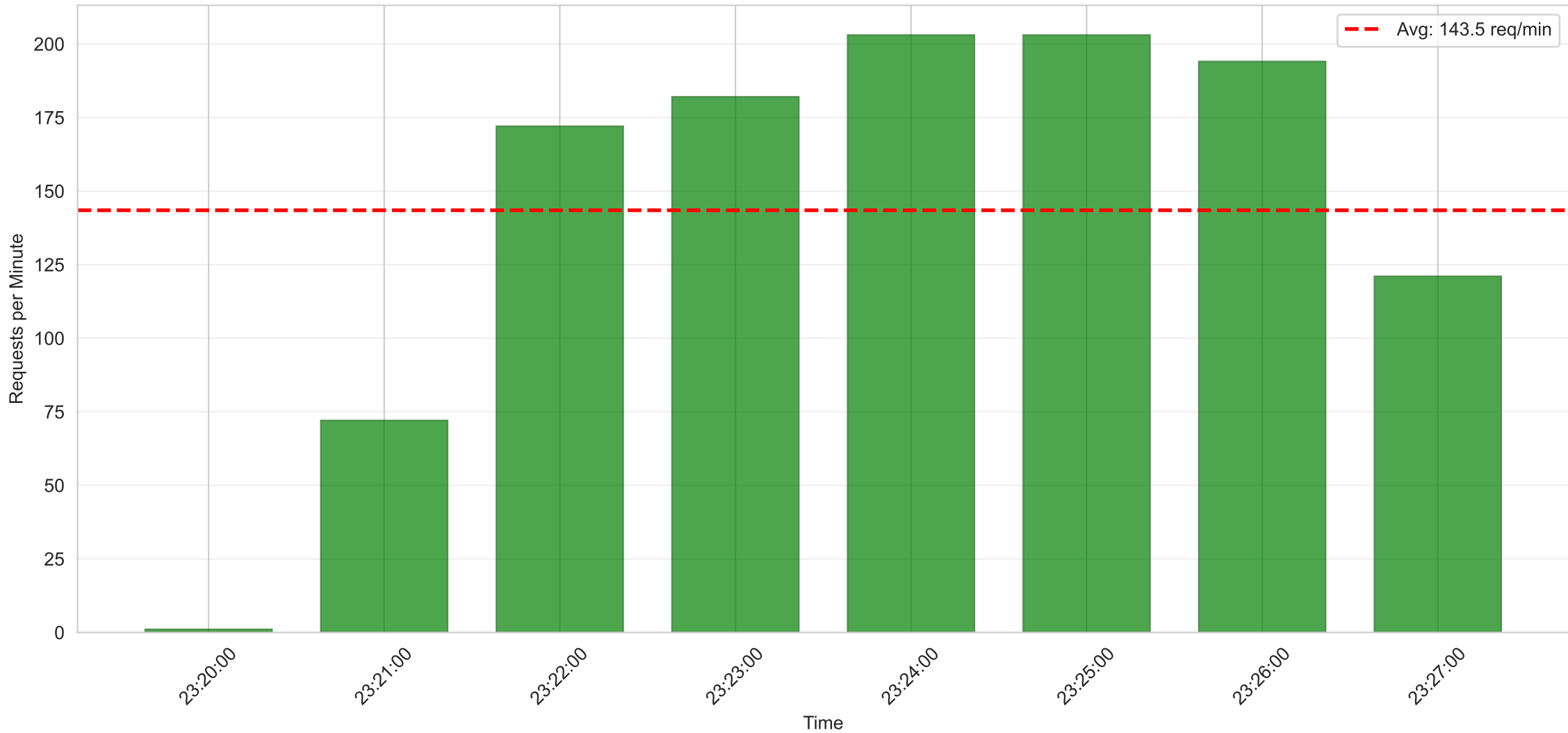
Response Time Percentiles (20 user test)



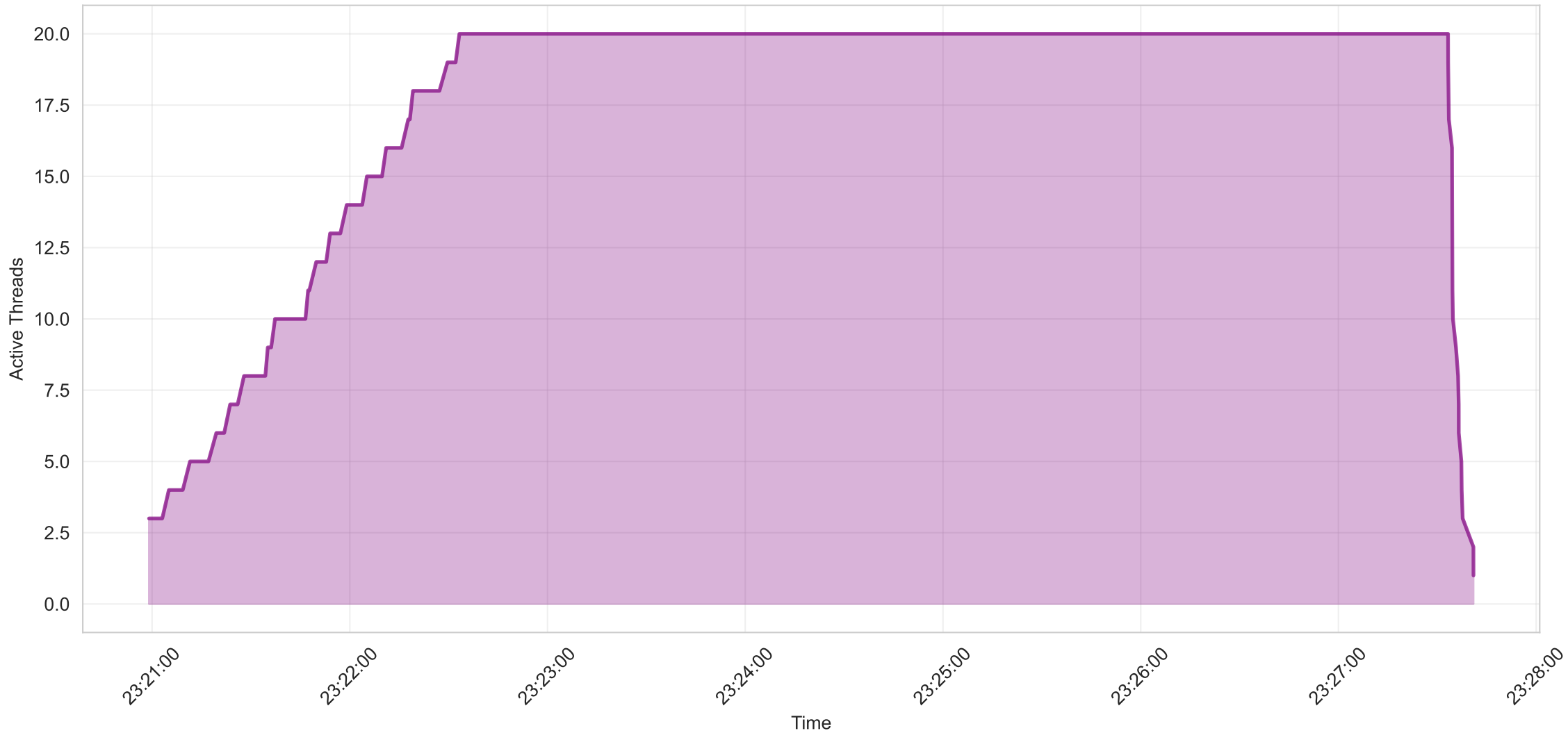
Error Rate Over Time (20 user test)



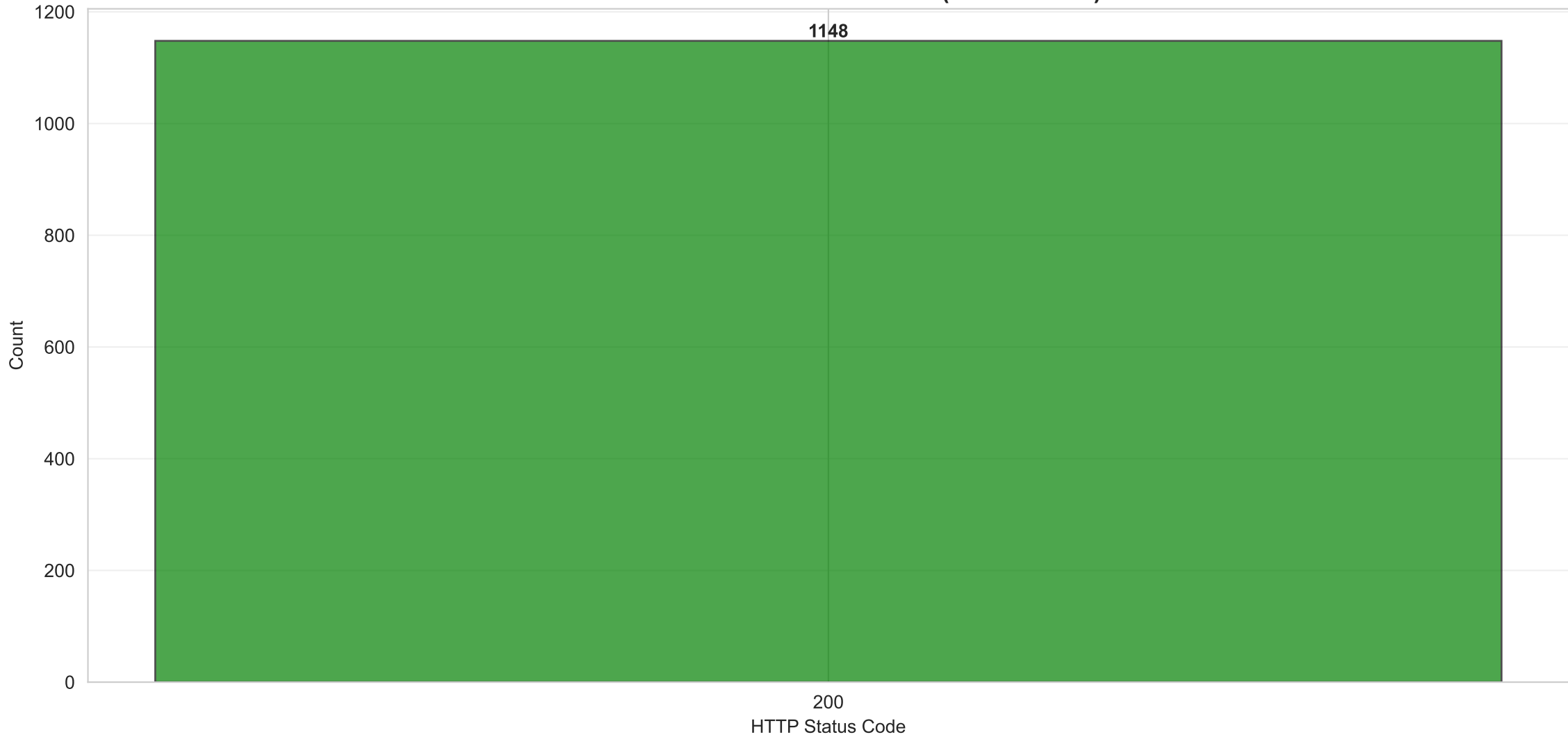
Throughput Over Time (20 user test)



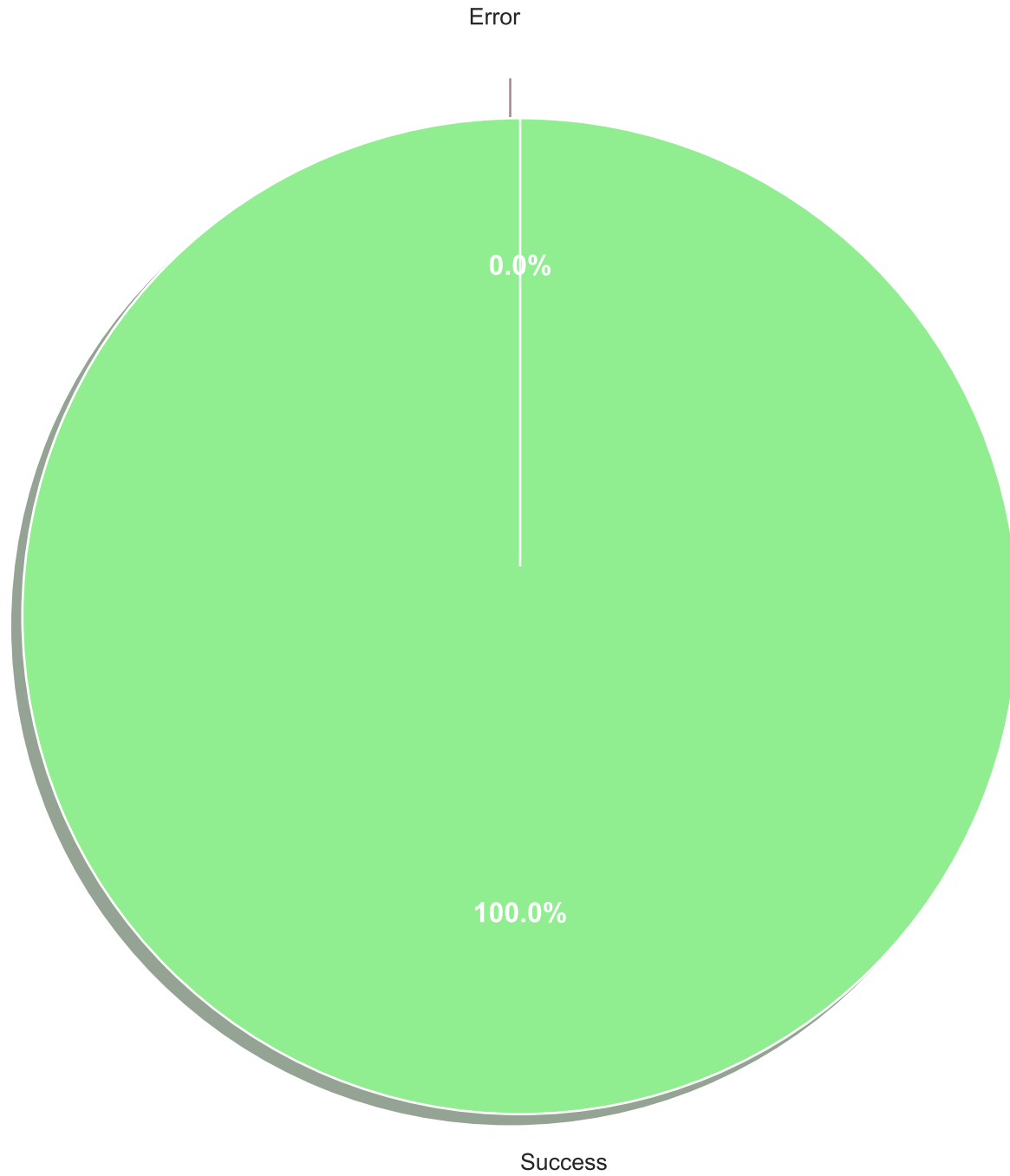
Active Threads Over Time (20 user test)



HTTP Status Code Distribution (20 user test)



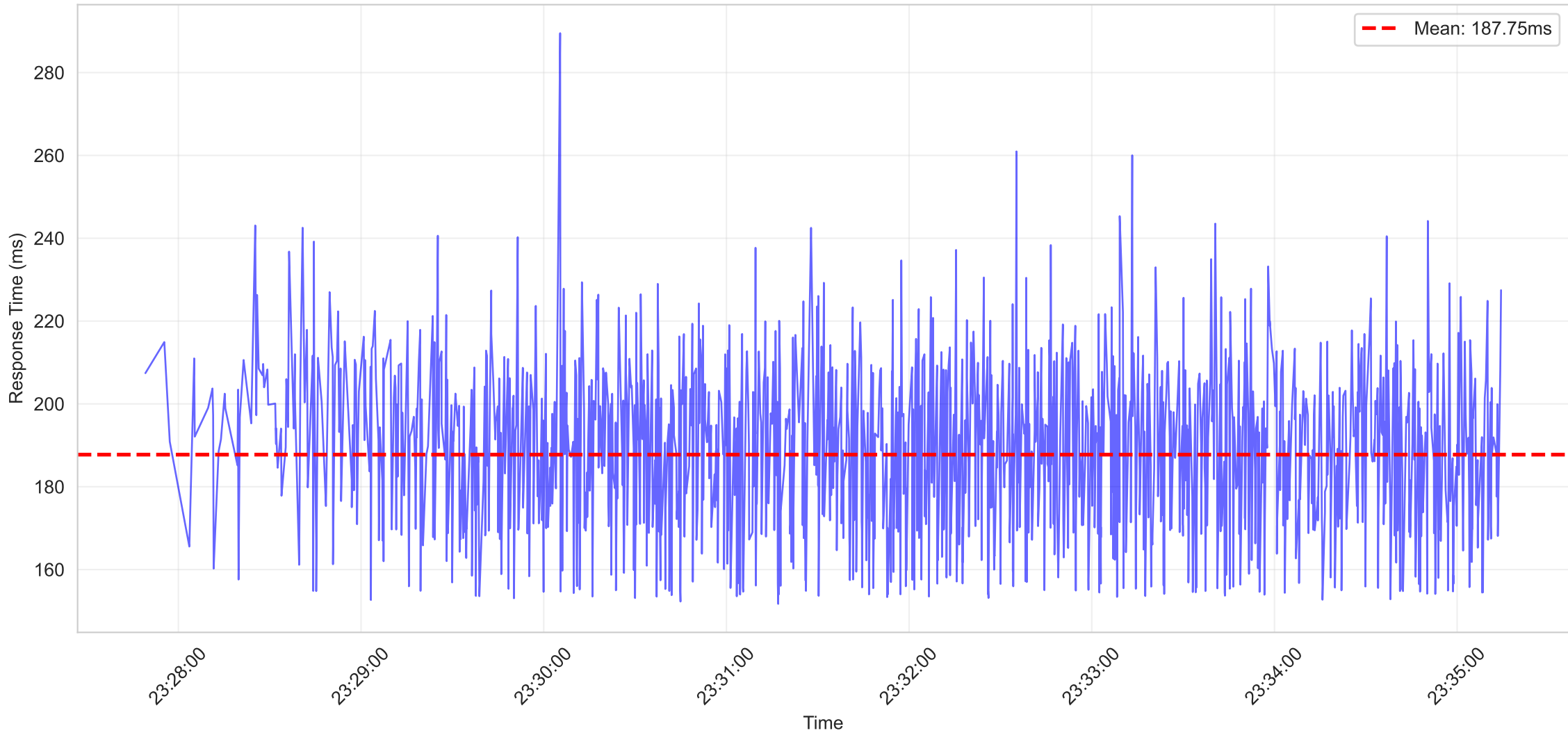
Success vs Error Rate (20 user test)



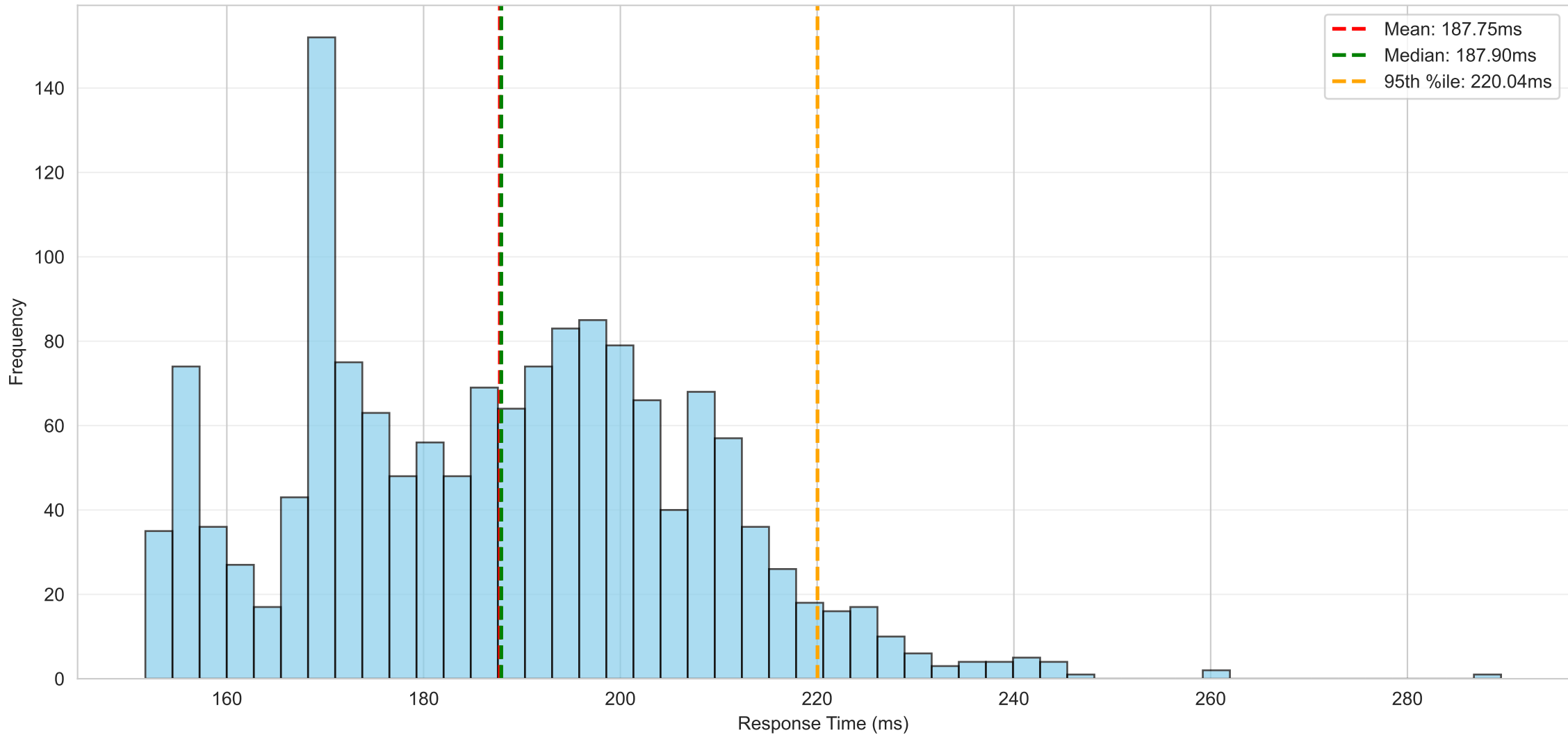
Performance Metrics Summary (25 user test.)

Metric	Value
Total Requests	1512
Total Suites	1
Max Concurrent Users	25
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	187.75
Min Response Time (ms)	151.72
Max Response Time (ms)	289.52
Median Response Time (ms)	187.90
95th Percentile (ms)	220.04
99th Percentile (ms)	237.64
Avg Think Time (ms)	6050.26

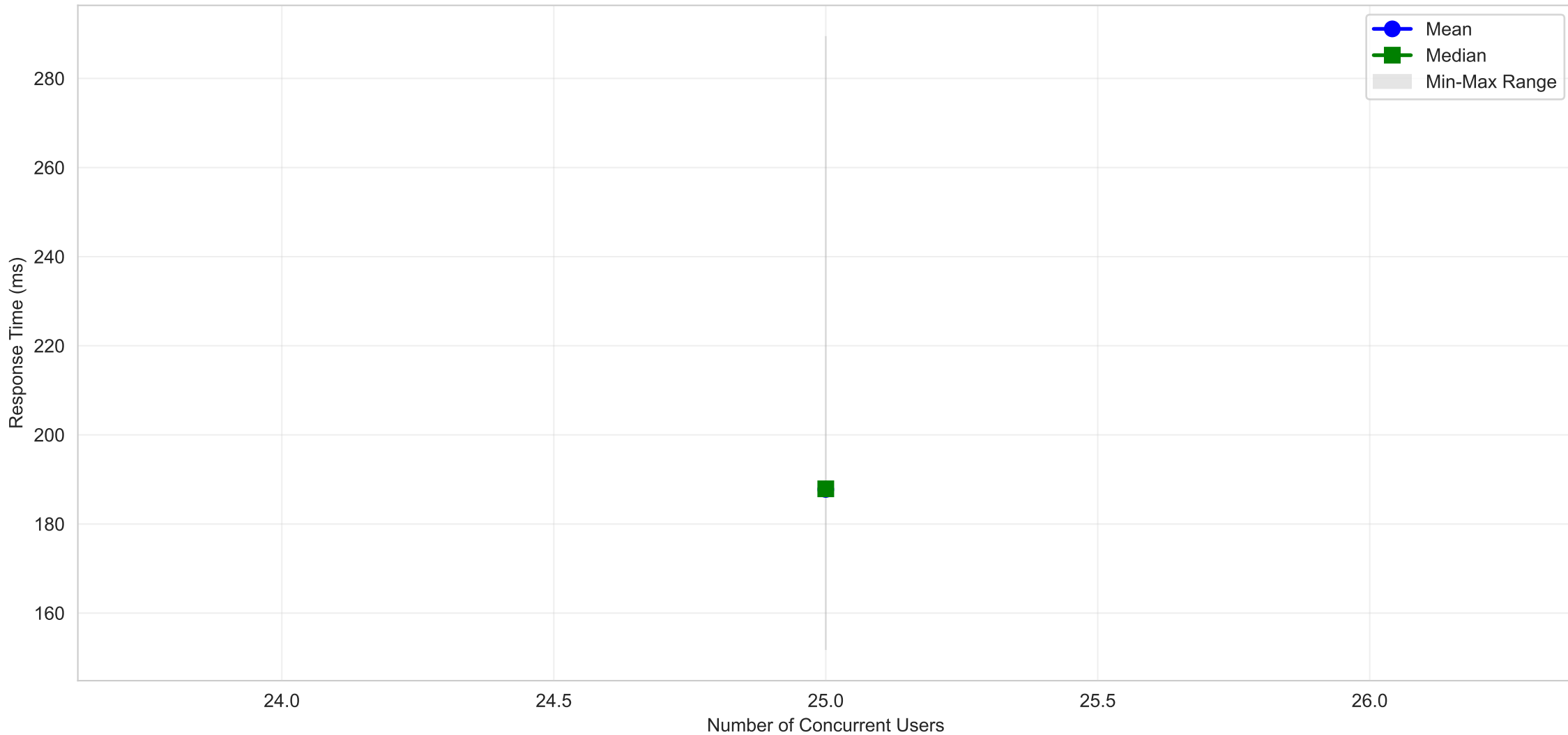
Response Time Over Time (25 user test)



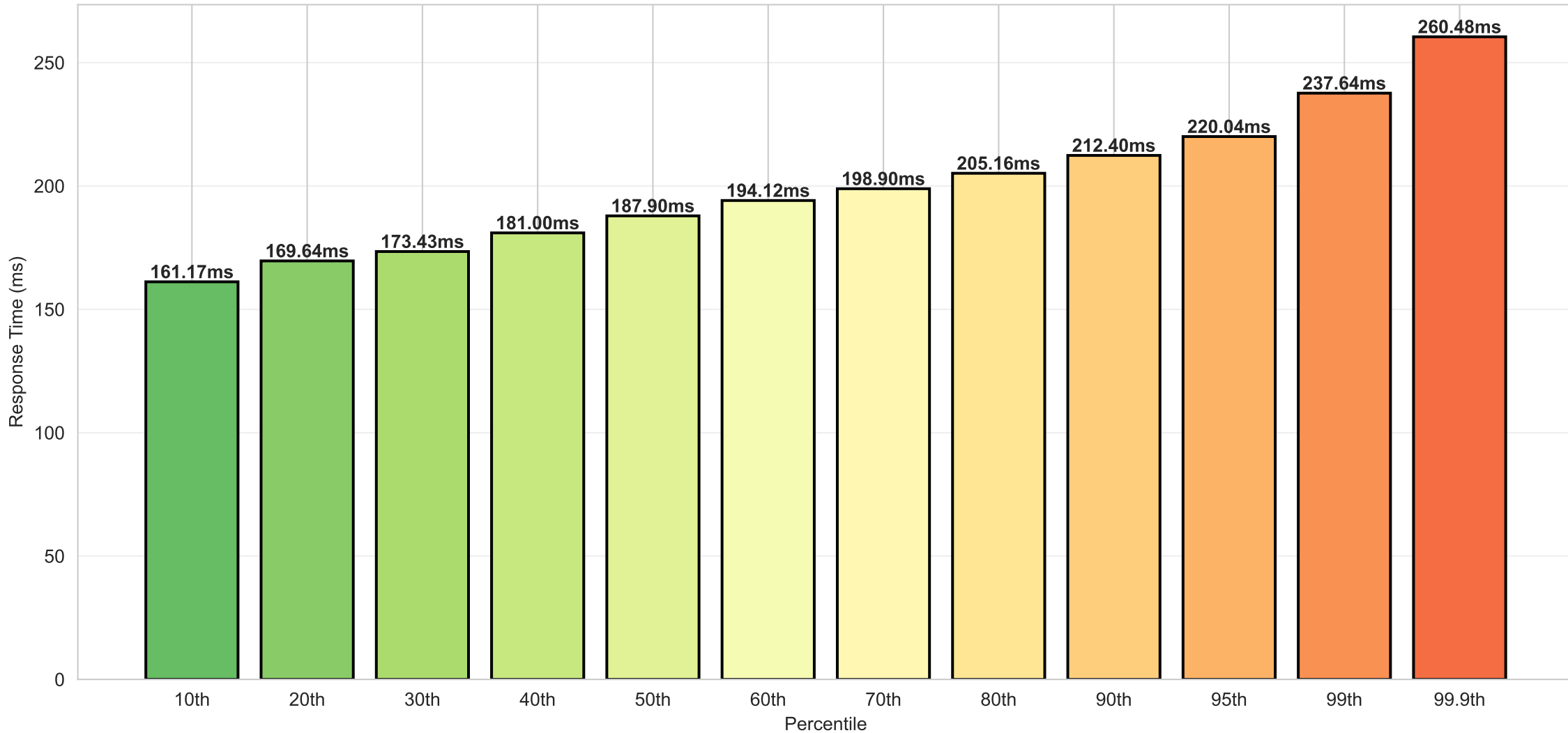
Response Time Distribution (25 user test)



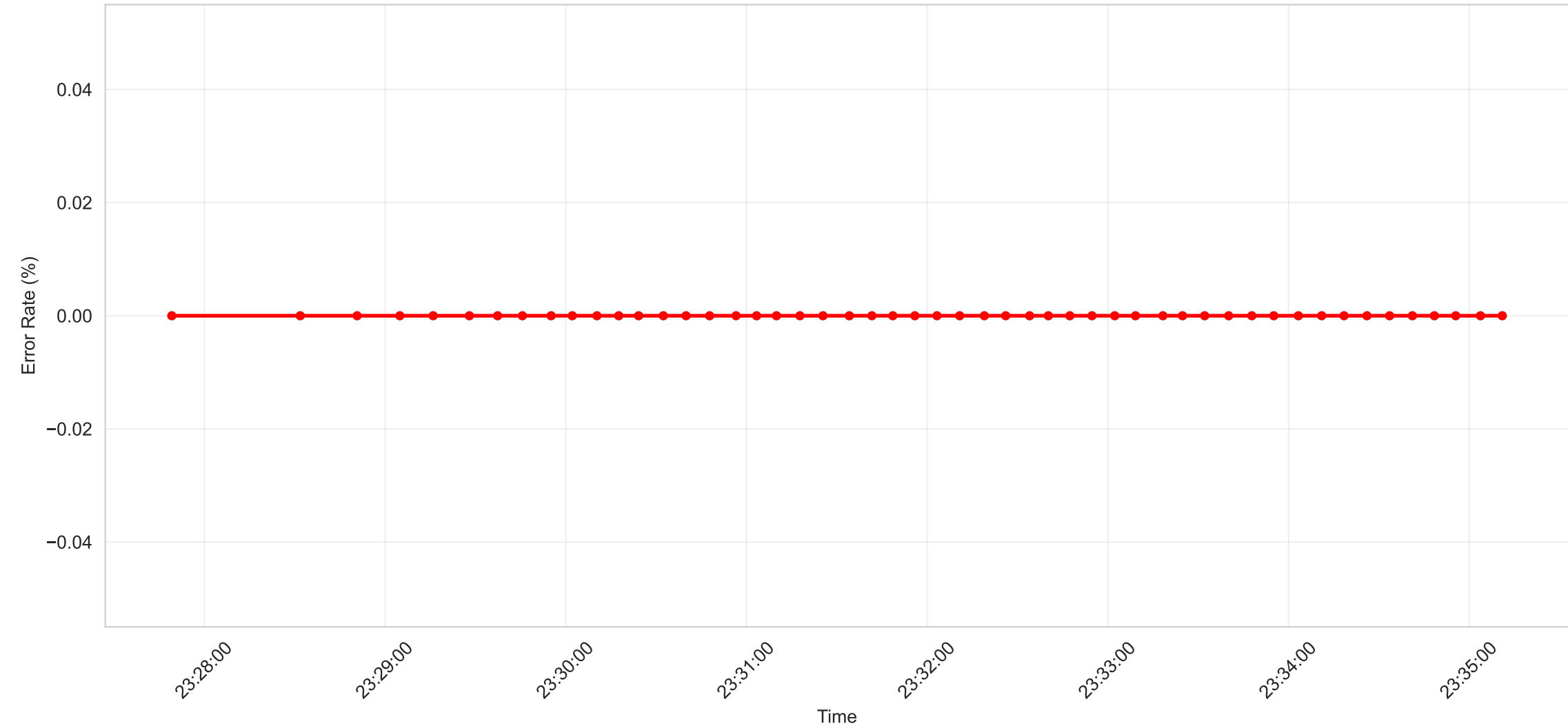
Response Time vs Concurrent Users (25 user test)



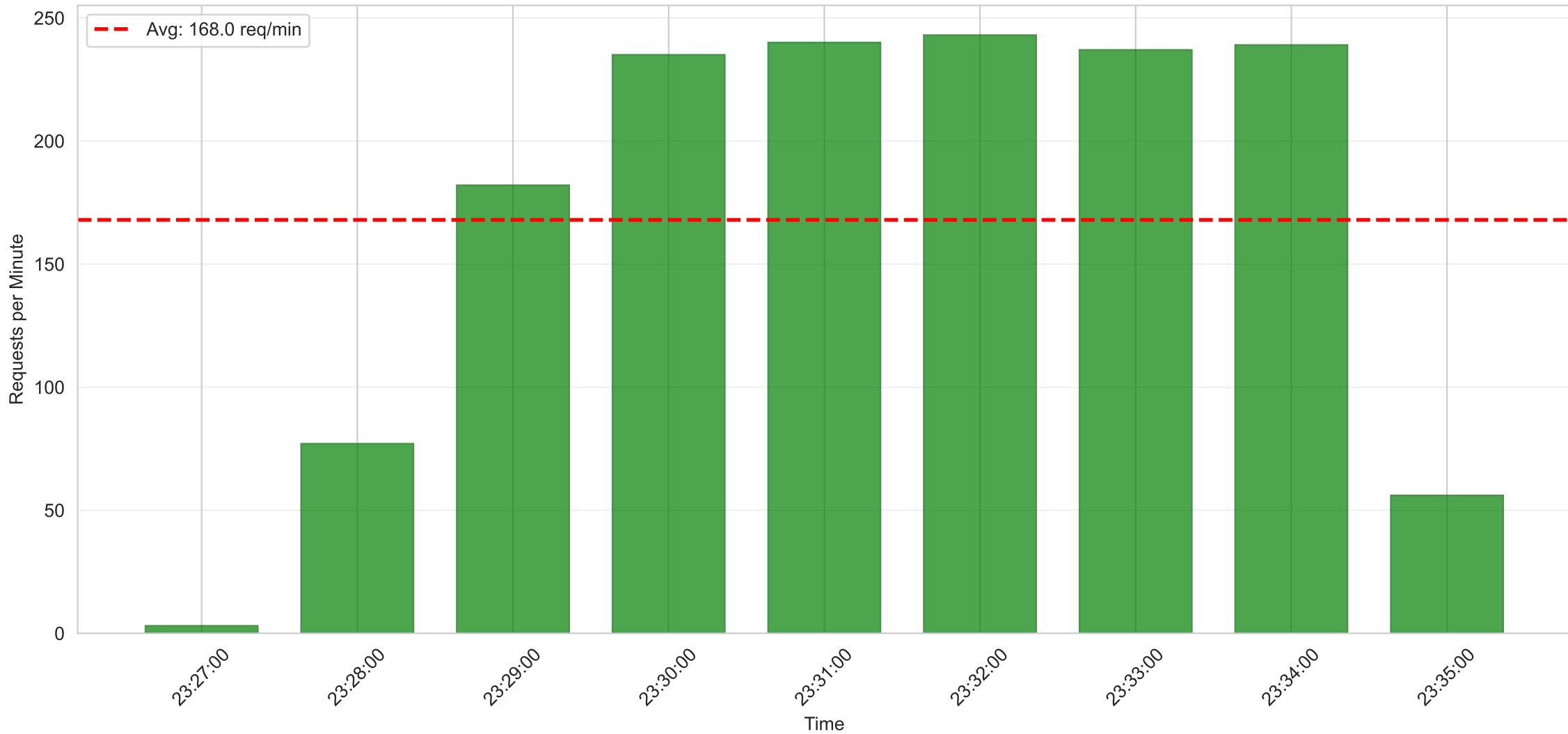
Response Time Percentiles (25 user test)



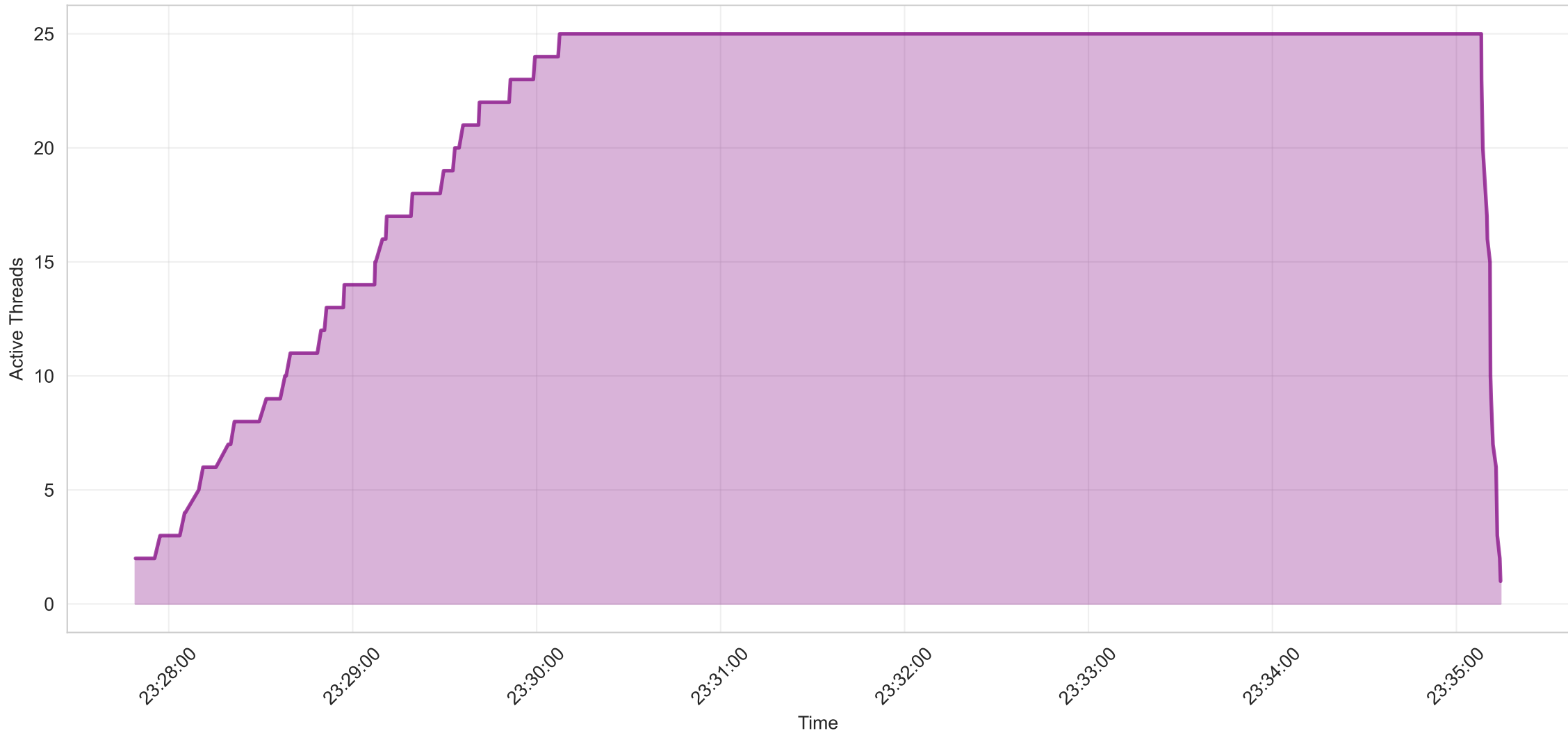
Error Rate Over Time (25 user test)



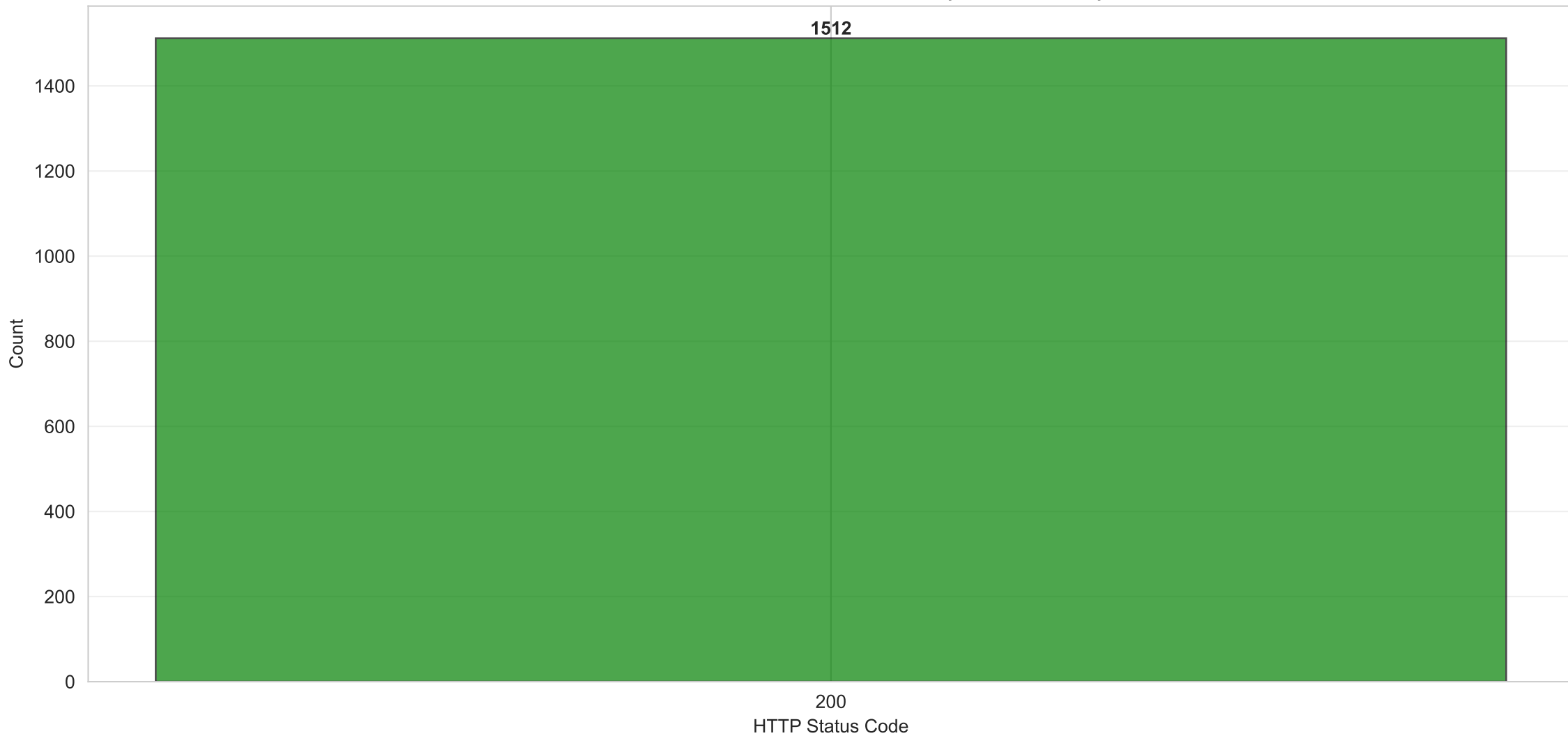
Throughput Over Time (25 user test)



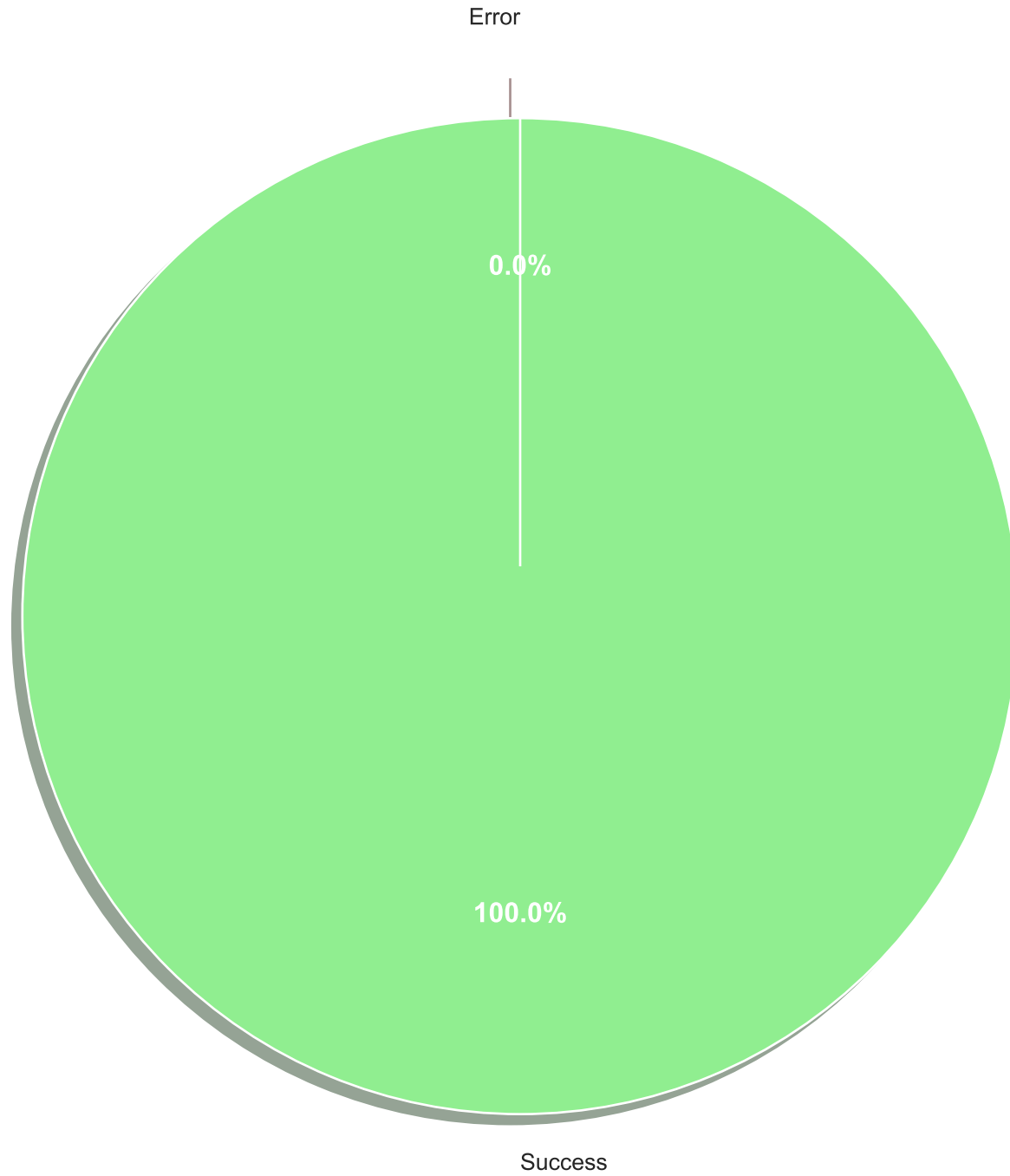
Active Threads Over Time (25 user test)



HTTP Status Code Distribution (25 user test)



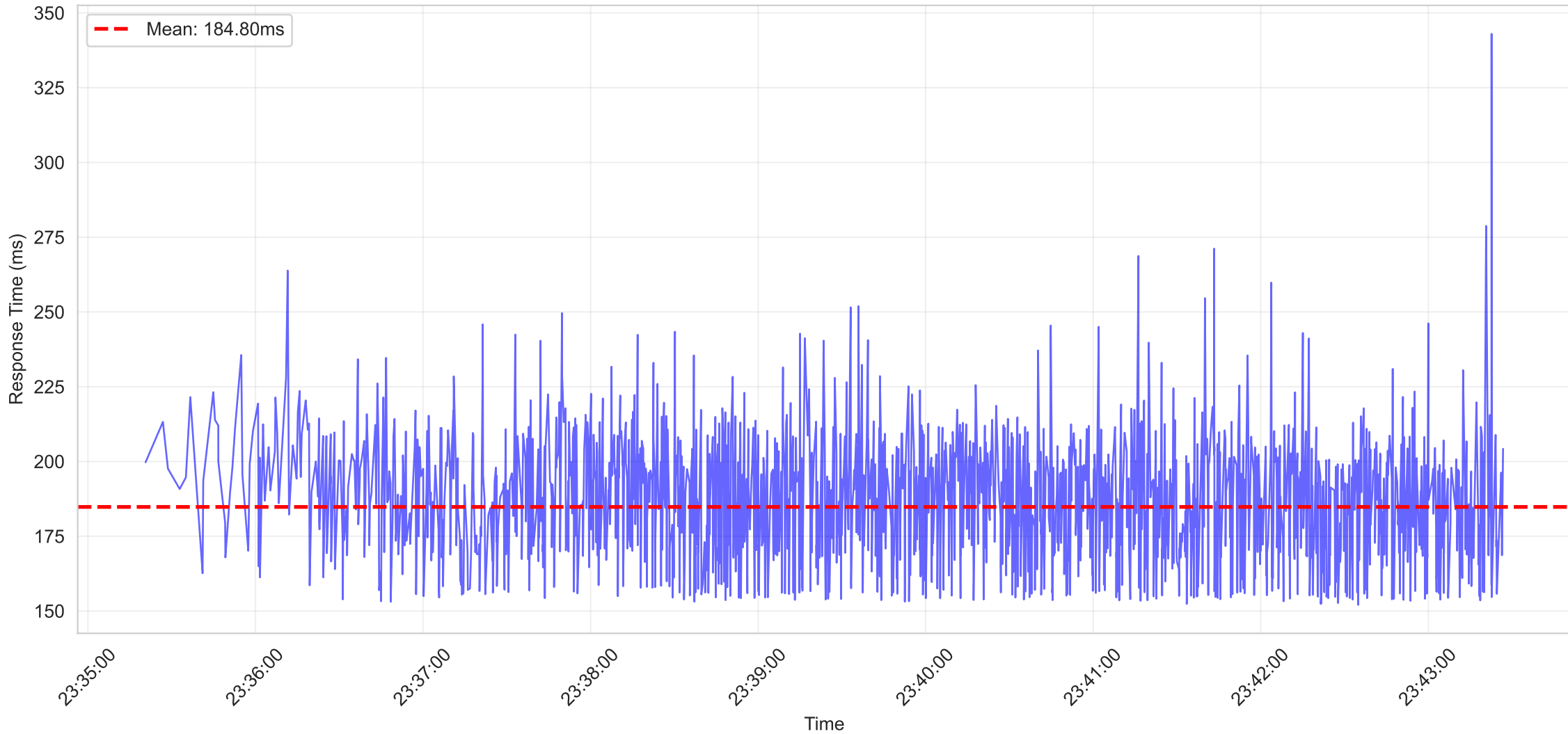
Success vs Error Rate (25 user test)



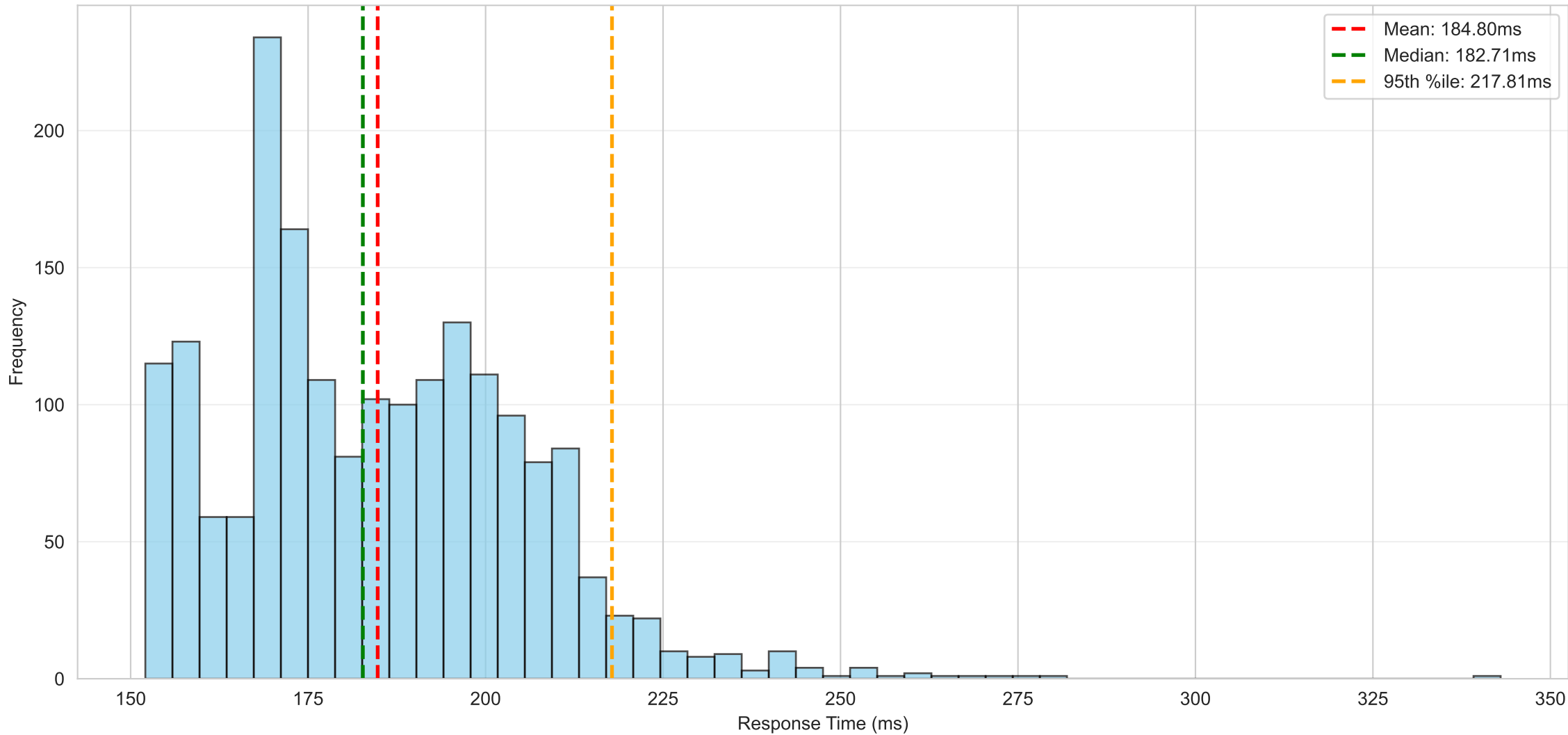
Performance Metrics Summary (30 user test.)

Metric	Value
Total Requests	1895
Total Suites	1
Max Concurrent Users	30
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	184.80
Min Response Time (ms)	152.07
Max Response Time (ms)	342.99
Median Response Time (ms)	182.71
95th Percentile (ms)	217.81
99th Percentile (ms)	242.99
Avg Think Time (ms)	6016.89

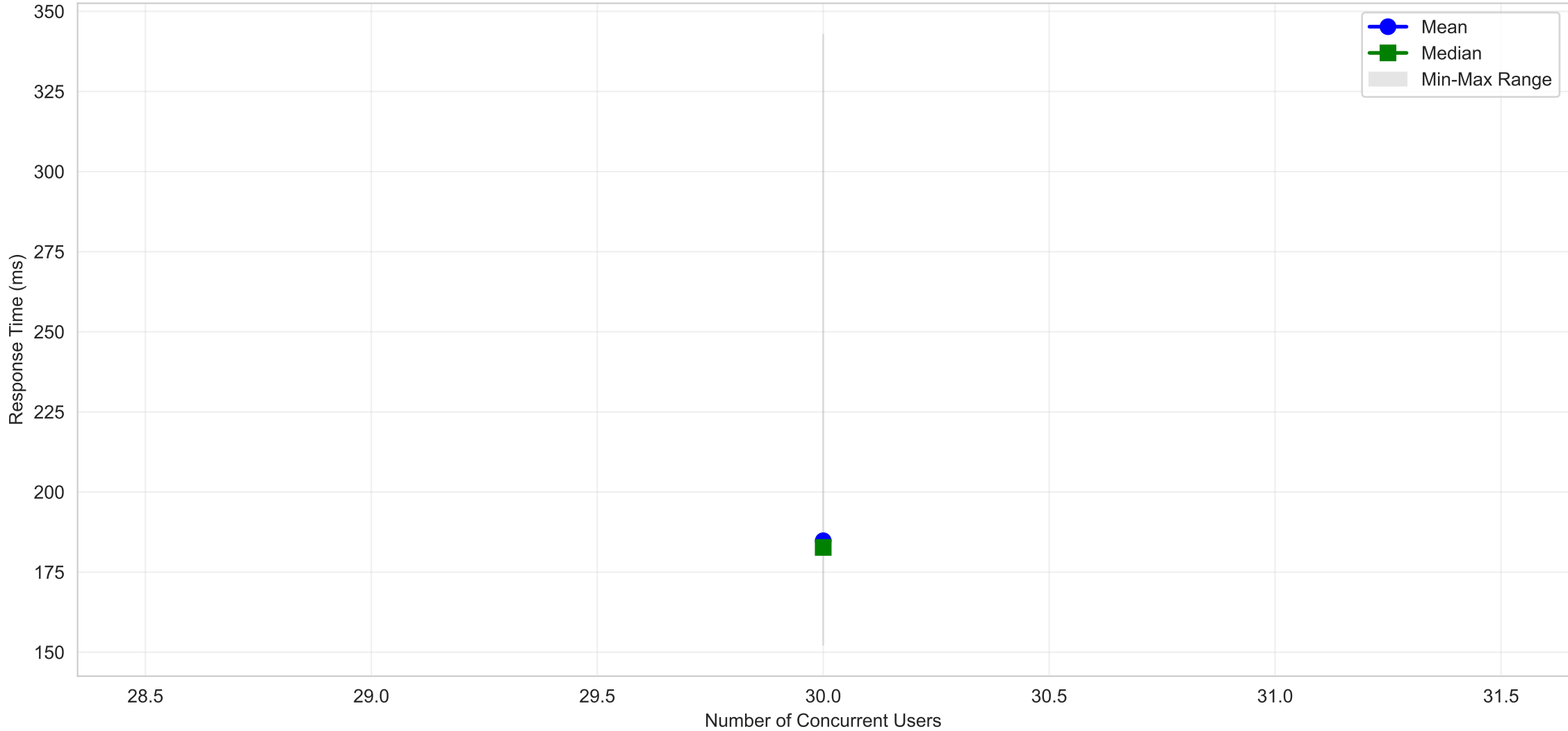
Response Time Over Time (30 user test)



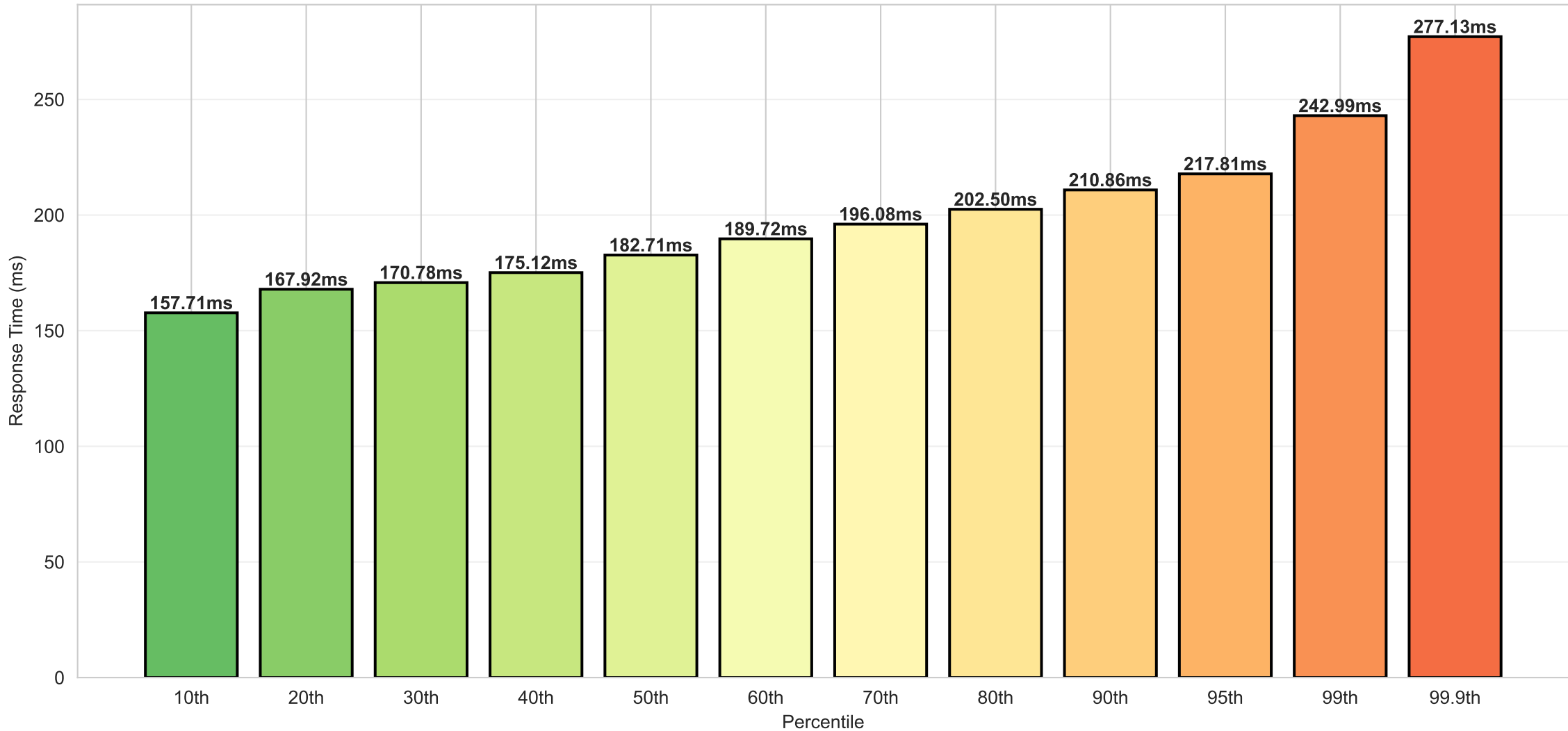
Response Time Distribution (30 user test)



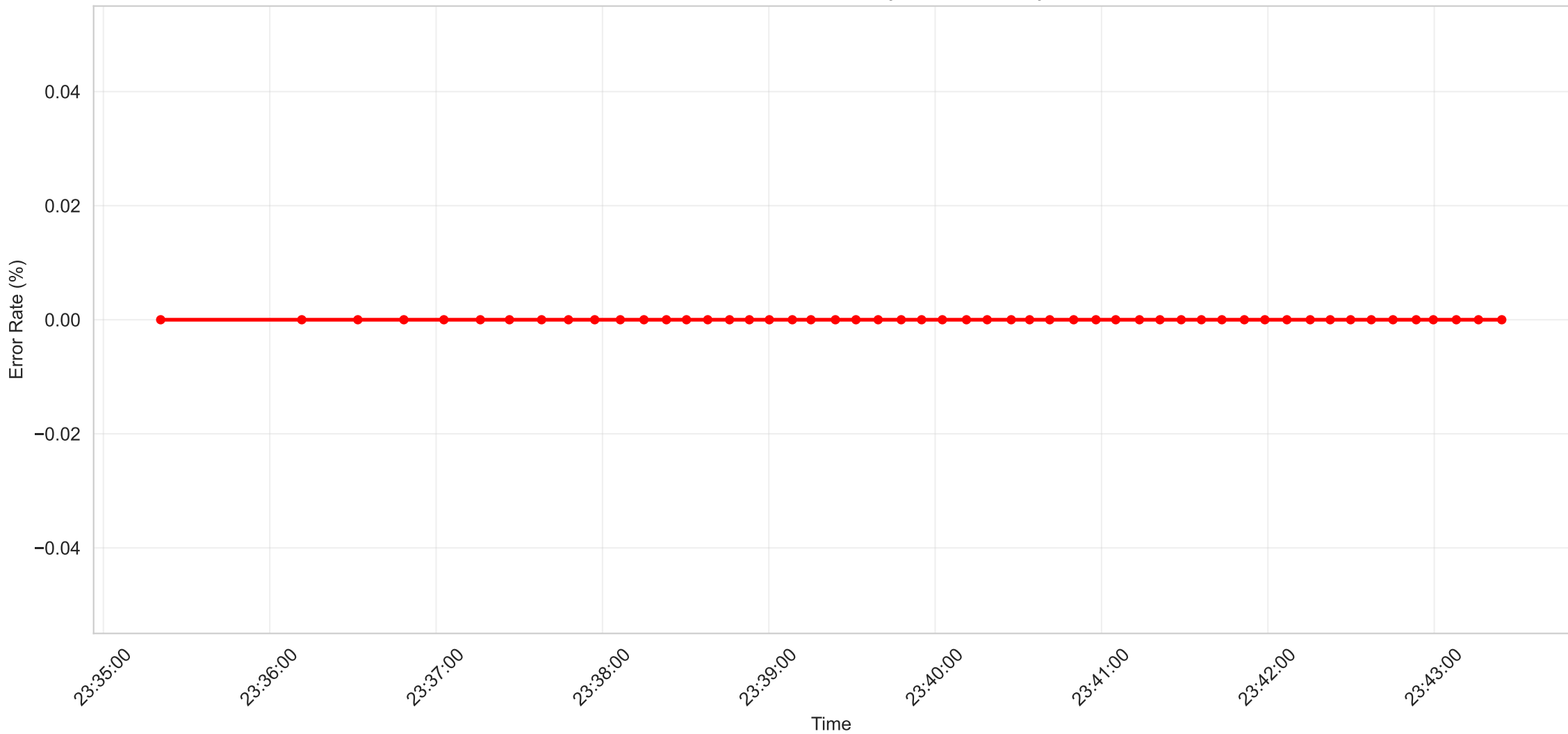
Response Time vs Concurrent Users (30 user test)



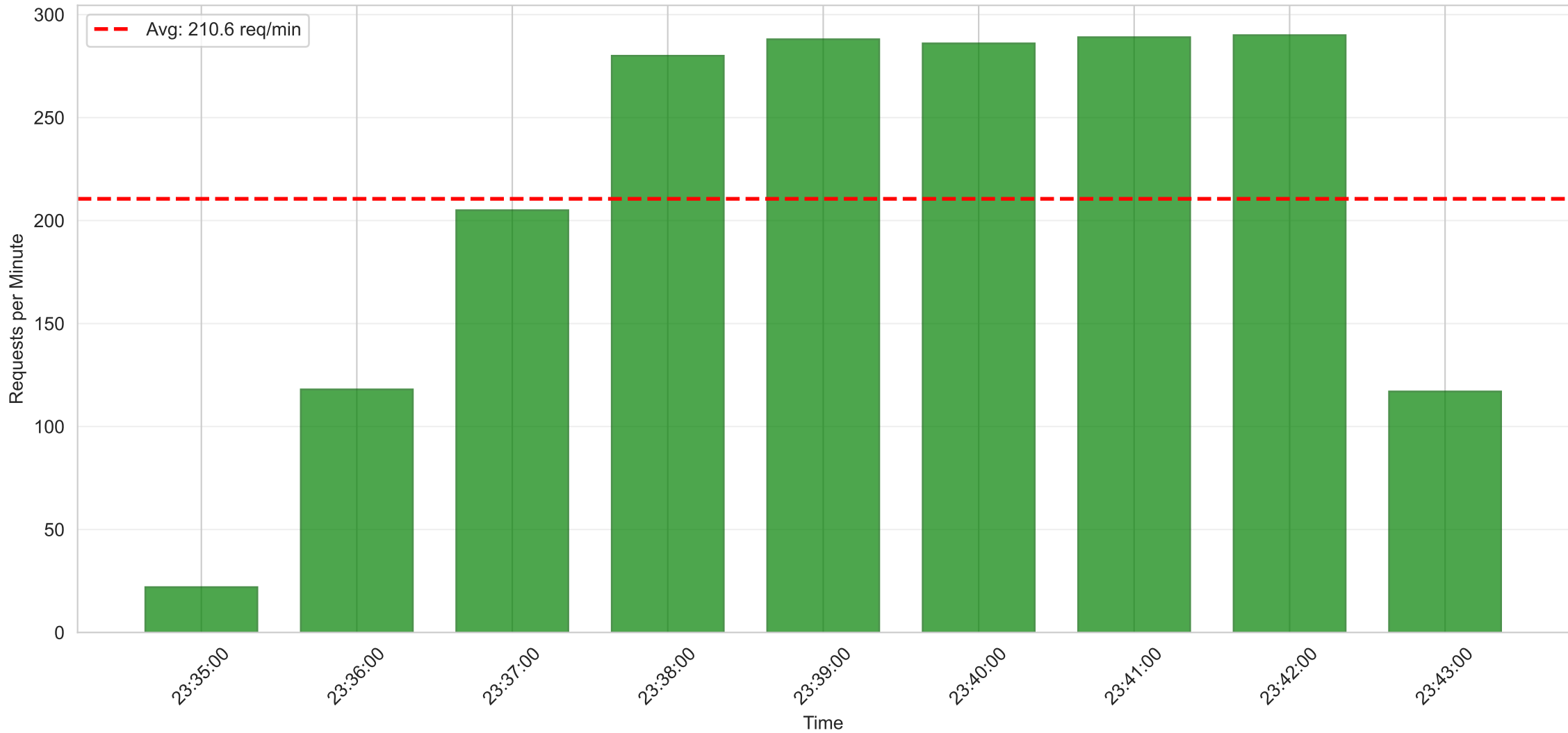
Response Time Percentiles (30 user test)



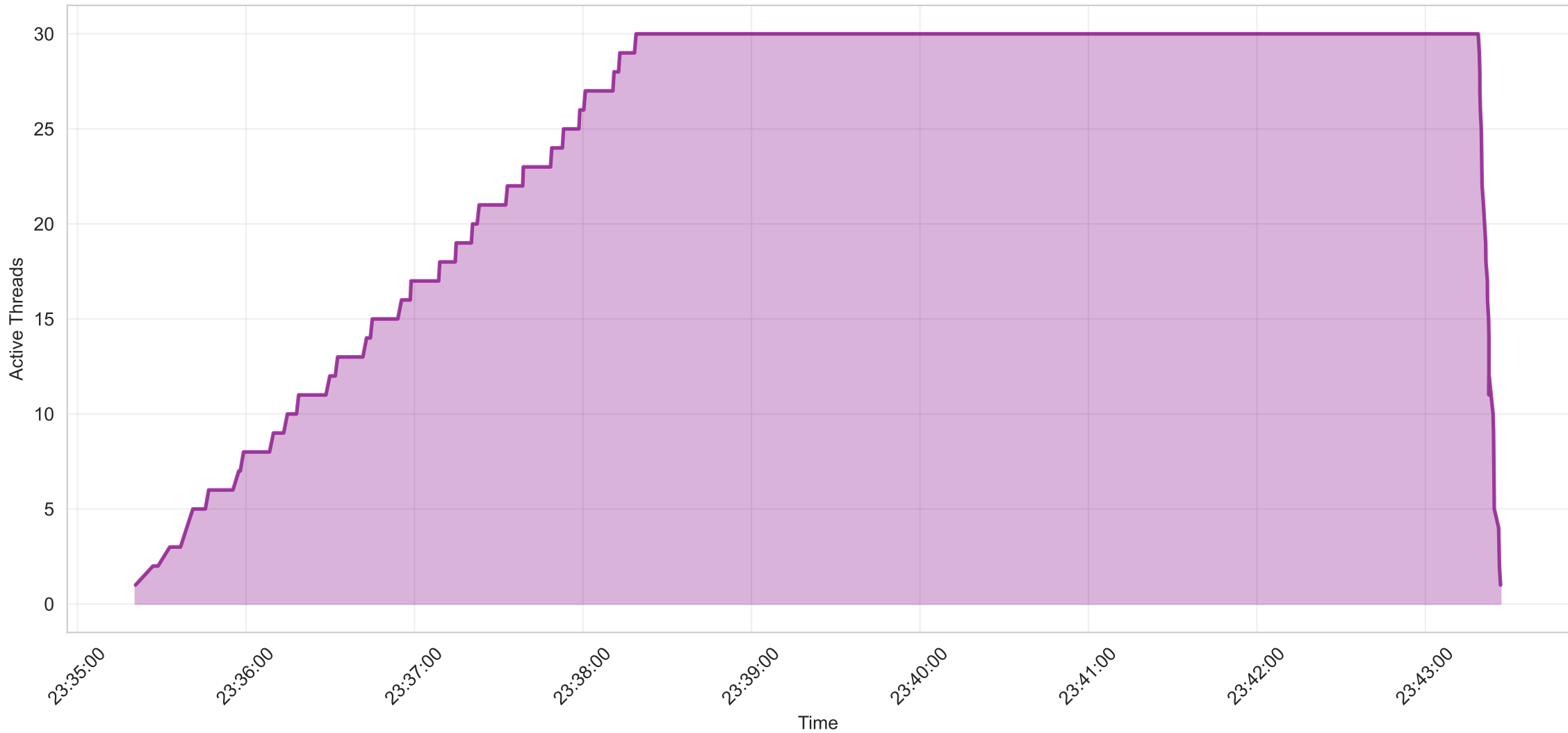
Error Rate Over Time (30 user test)



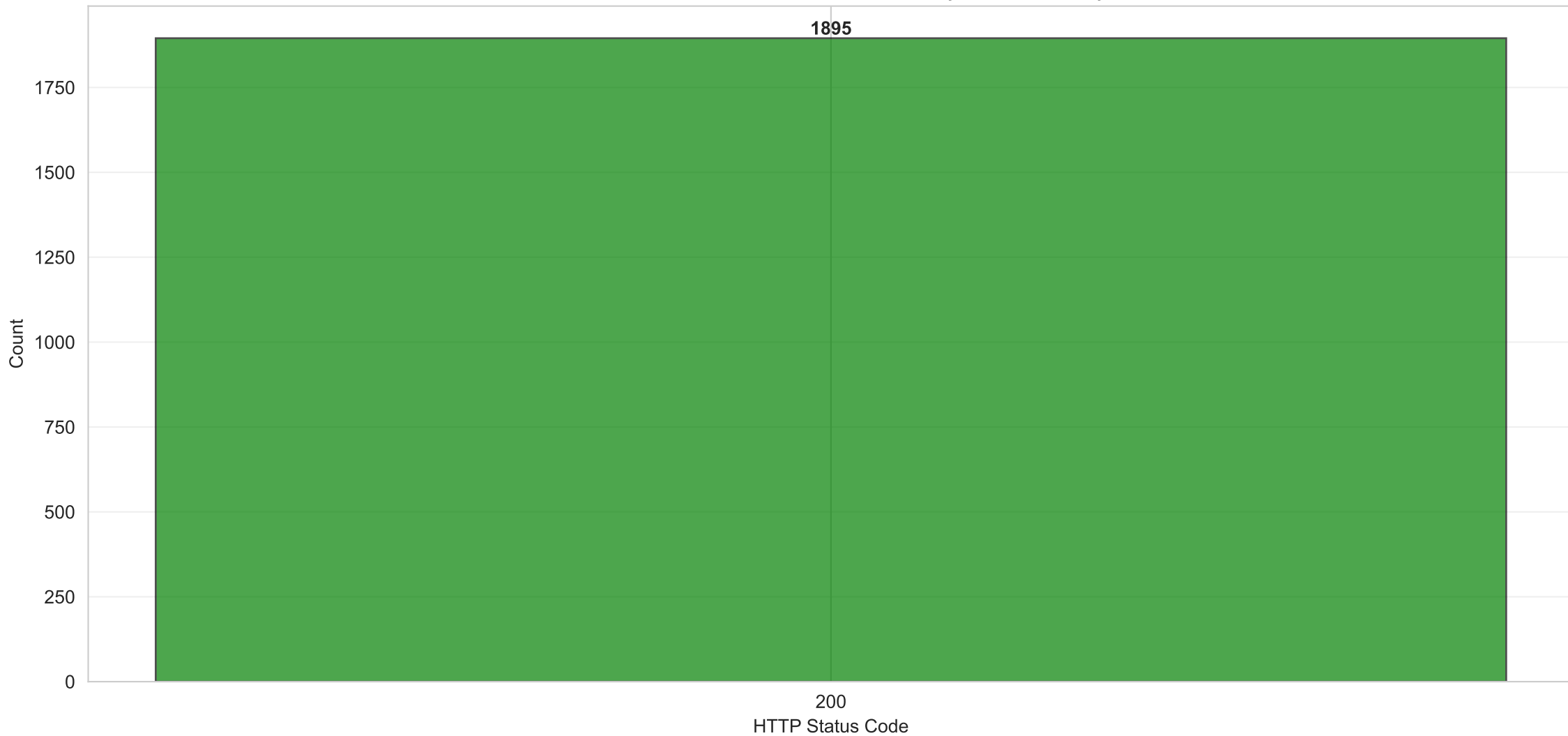
Throughput Over Time (30 user test)



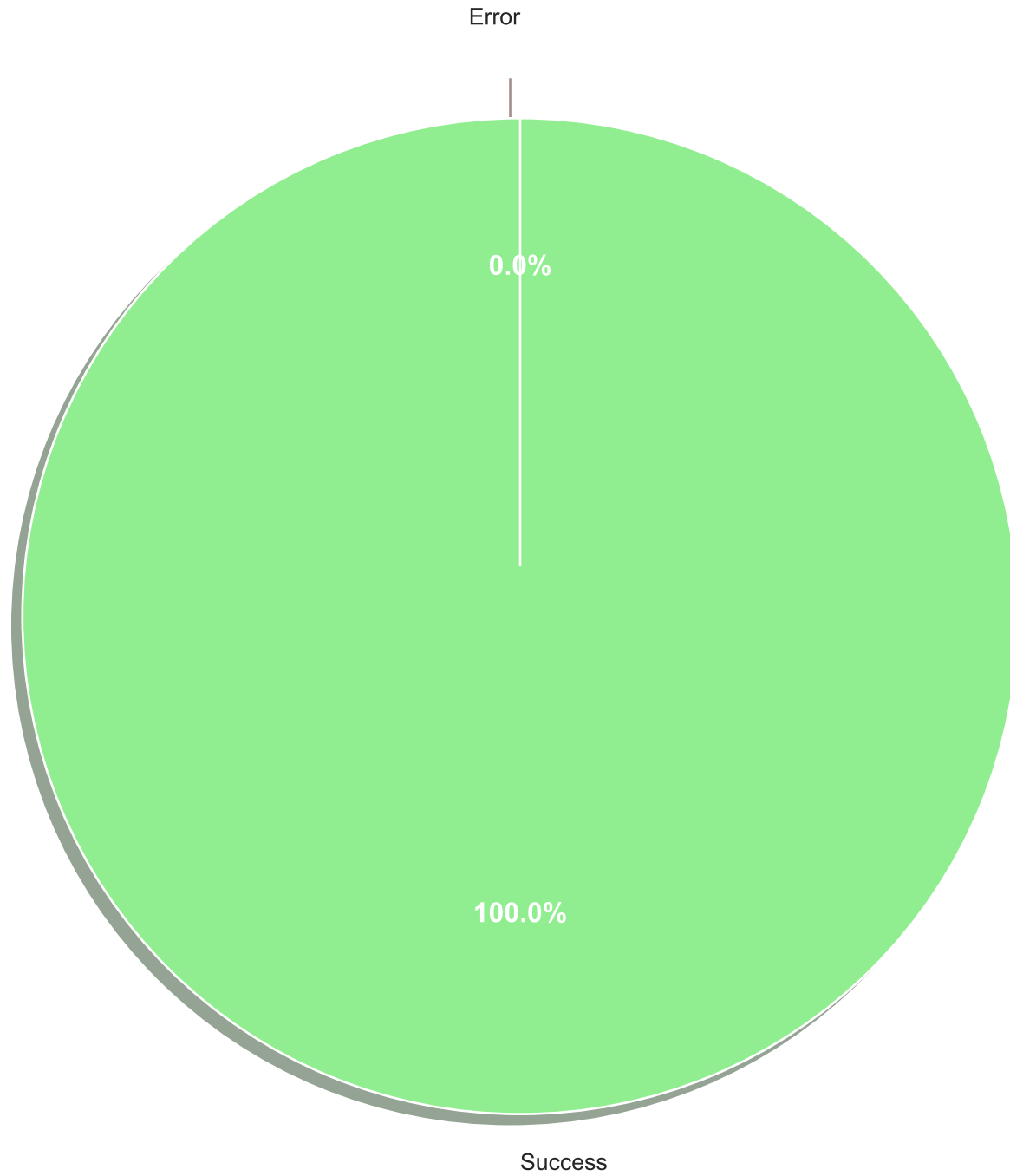
Active Threads Over Time (30 user test)



HTTP Status Code Distribution (30 user test)



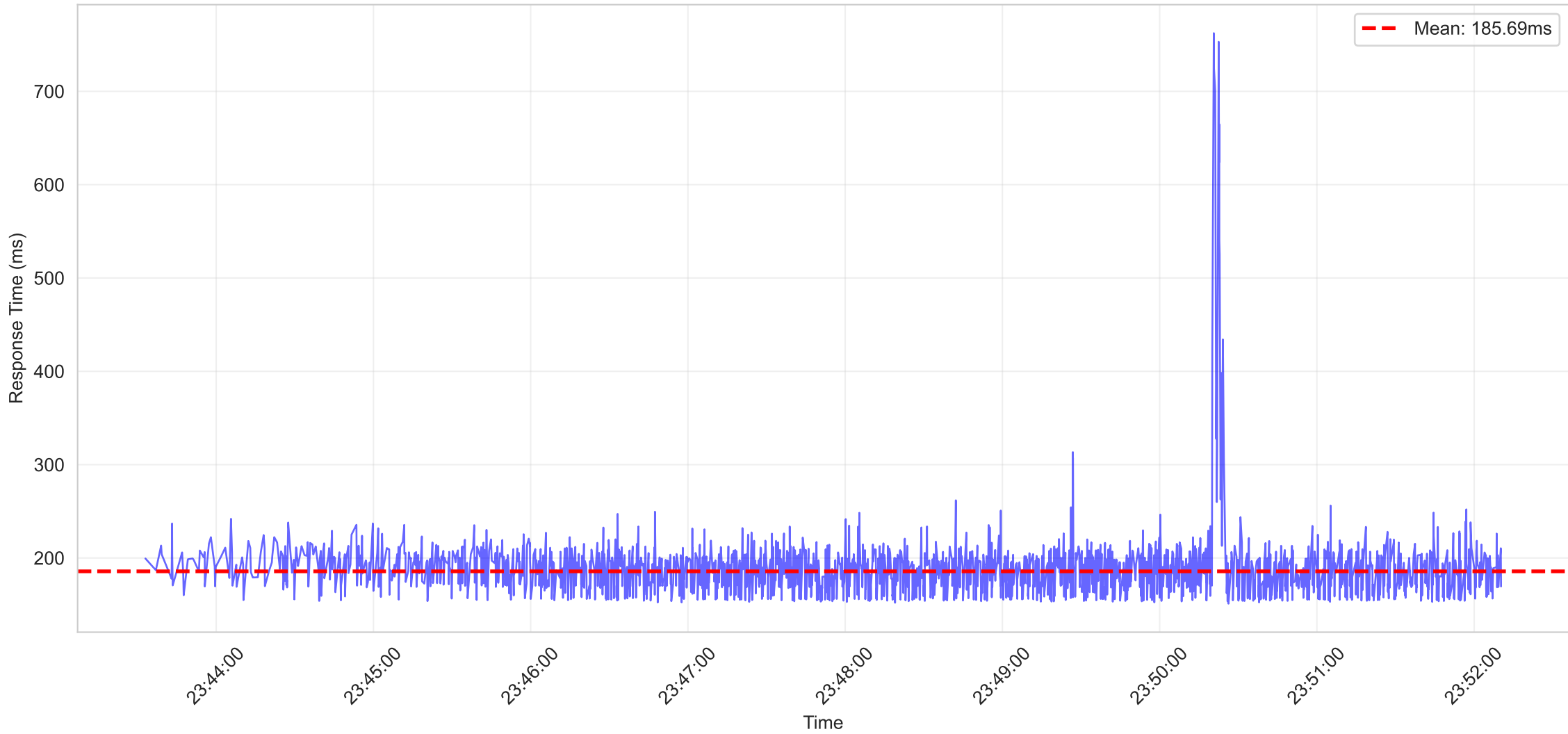
Success vs Error Rate (30 user test)



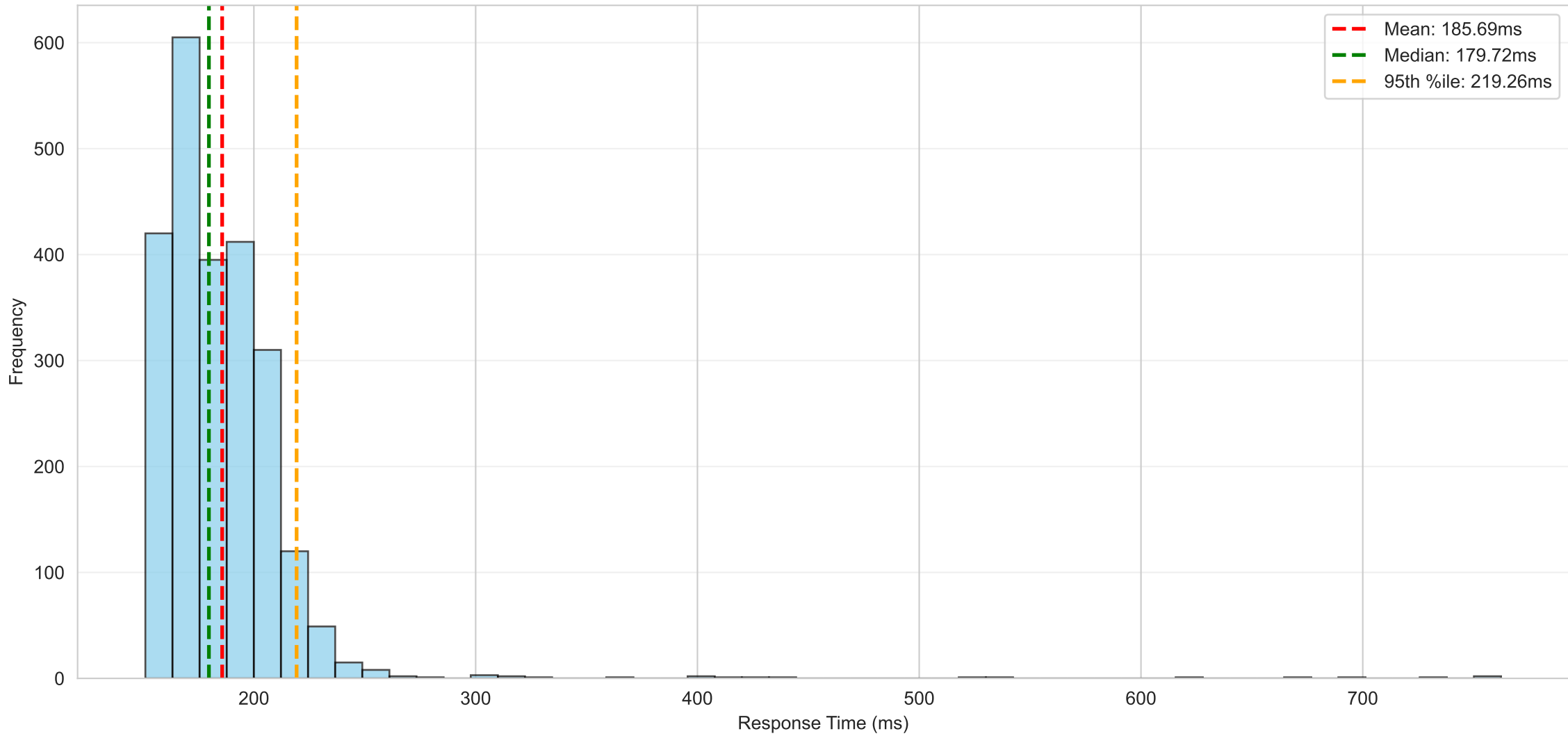
Performance Metrics Summary (35 user test.)

Metric	Value
Total Requests	2357
Total Suites	1
Max Concurrent Users	35
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	185.69
Min Response Time (ms)	151.07
Max Response Time (ms)	762.36
Median Response Time (ms)	179.72
95th Percentile (ms)	219.26
99th Percentile (ms)	259.98
Avg Think Time (ms)	6001.70

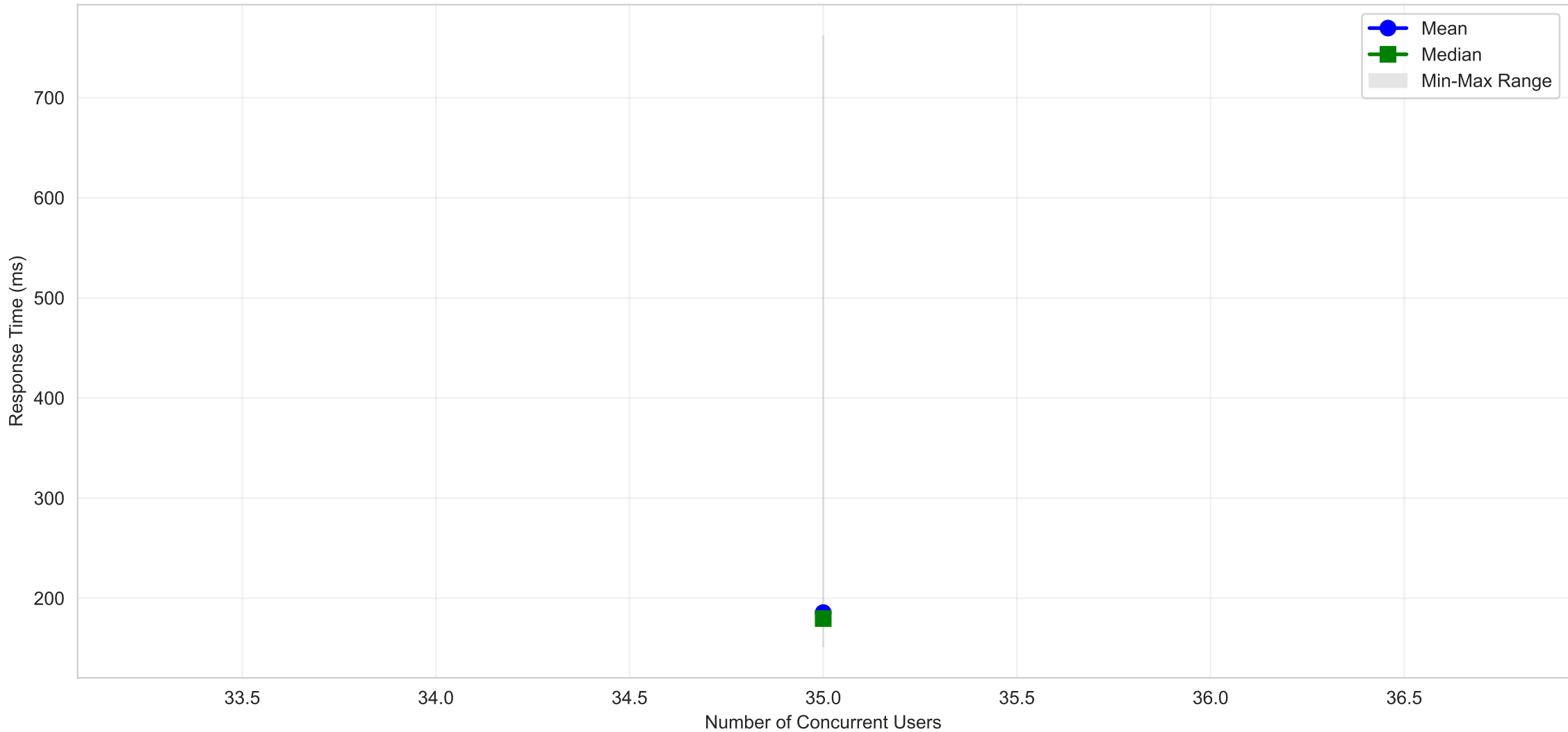
Response Time Over Time (35 user test)



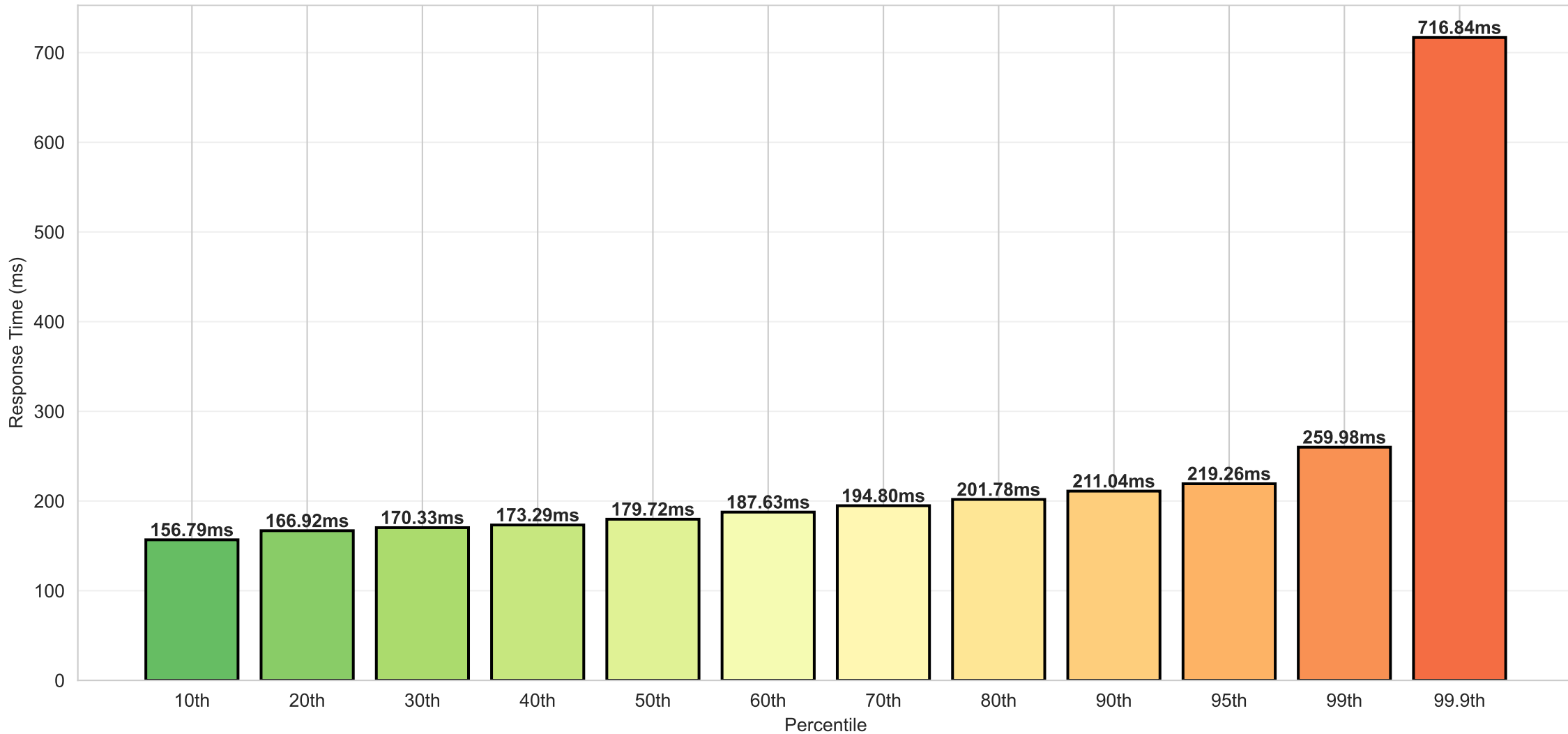
Response Time Distribution (35 user test)



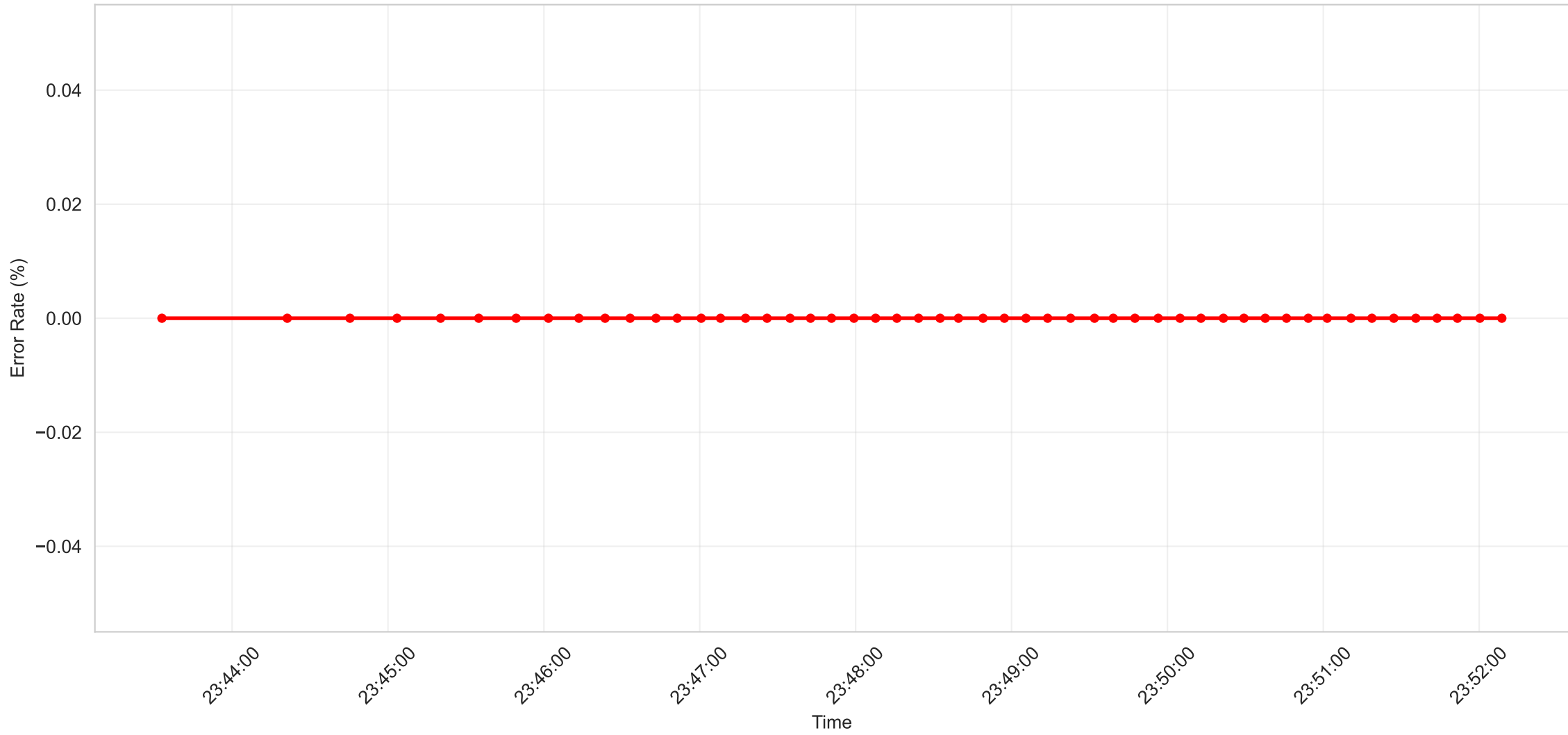
Response Time vs Concurrent Users (35 user test)



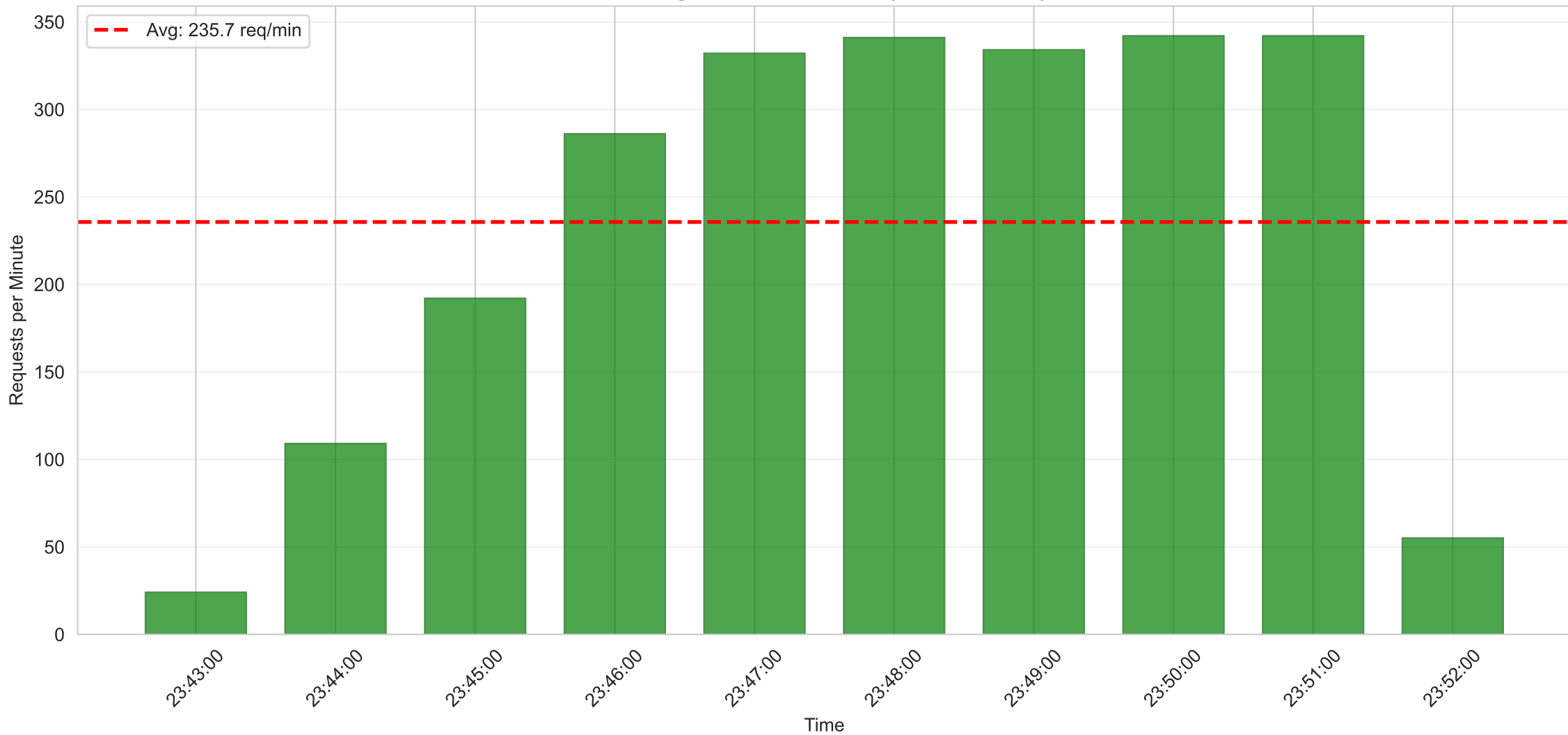
Response Time Percentiles (35 user test)



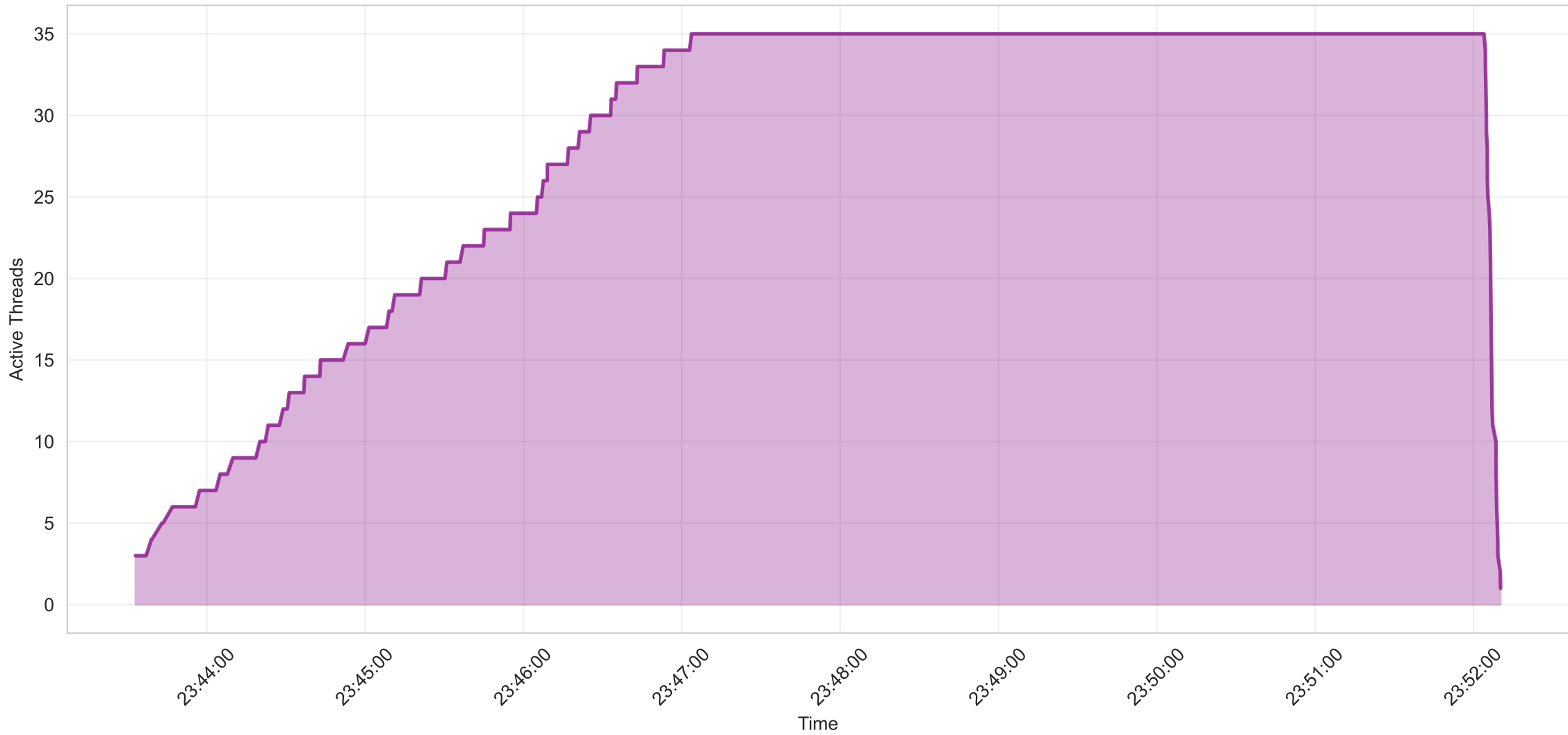
Error Rate Over Time (35 user test)



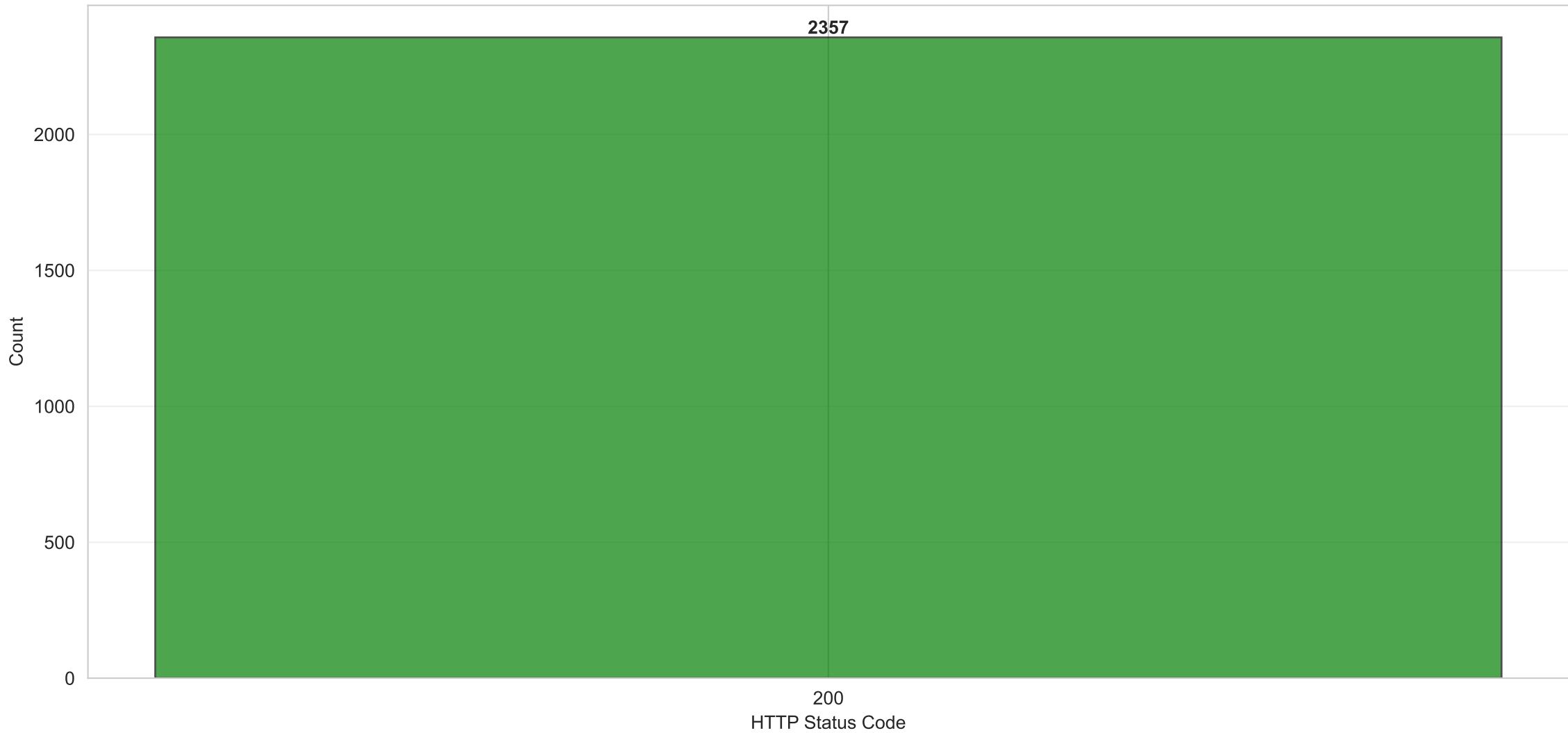
Throughput Over Time (35 user test)



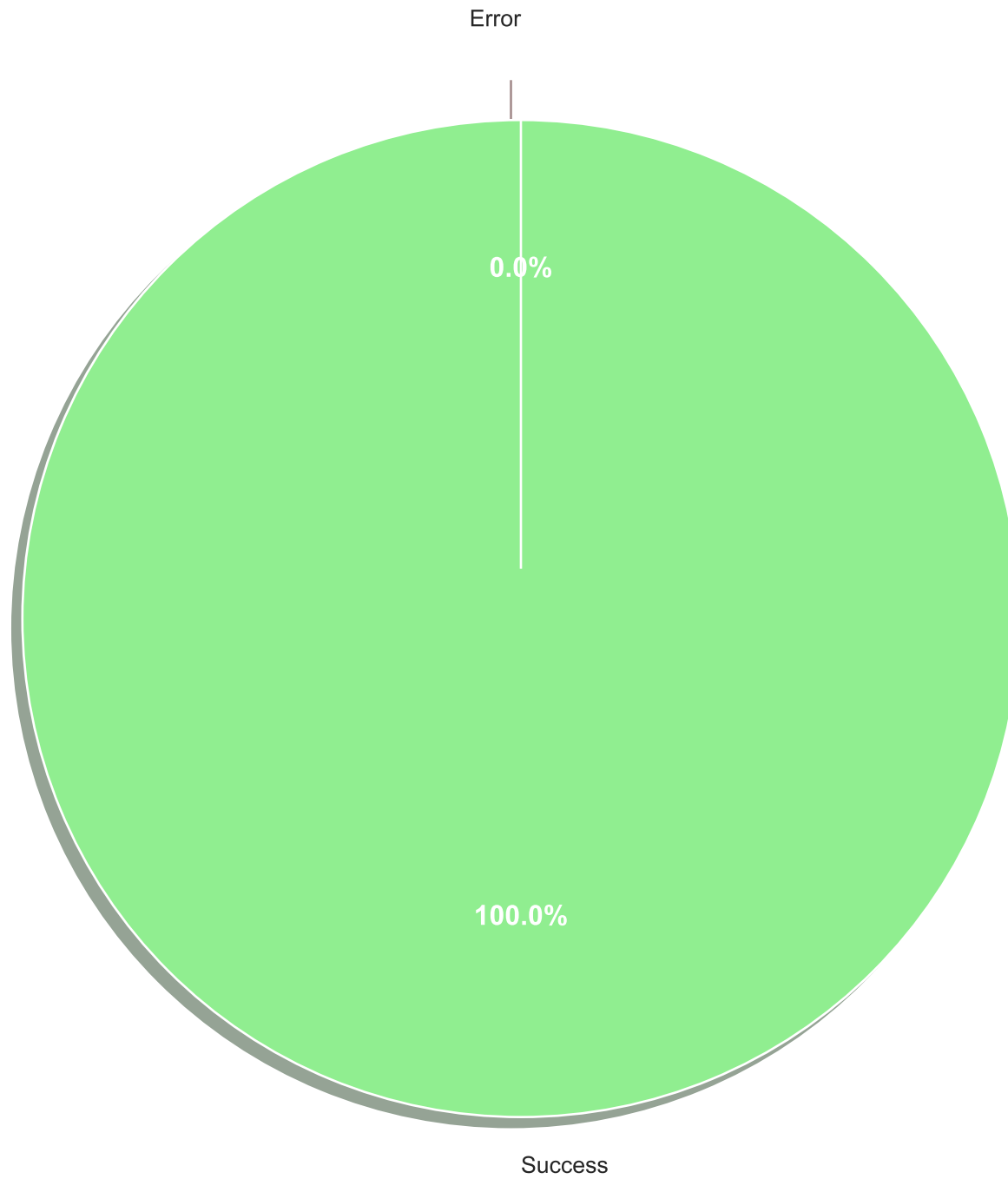
Active Threads Over Time (35 user test)



HTTP Status Code Distribution (35 user test)



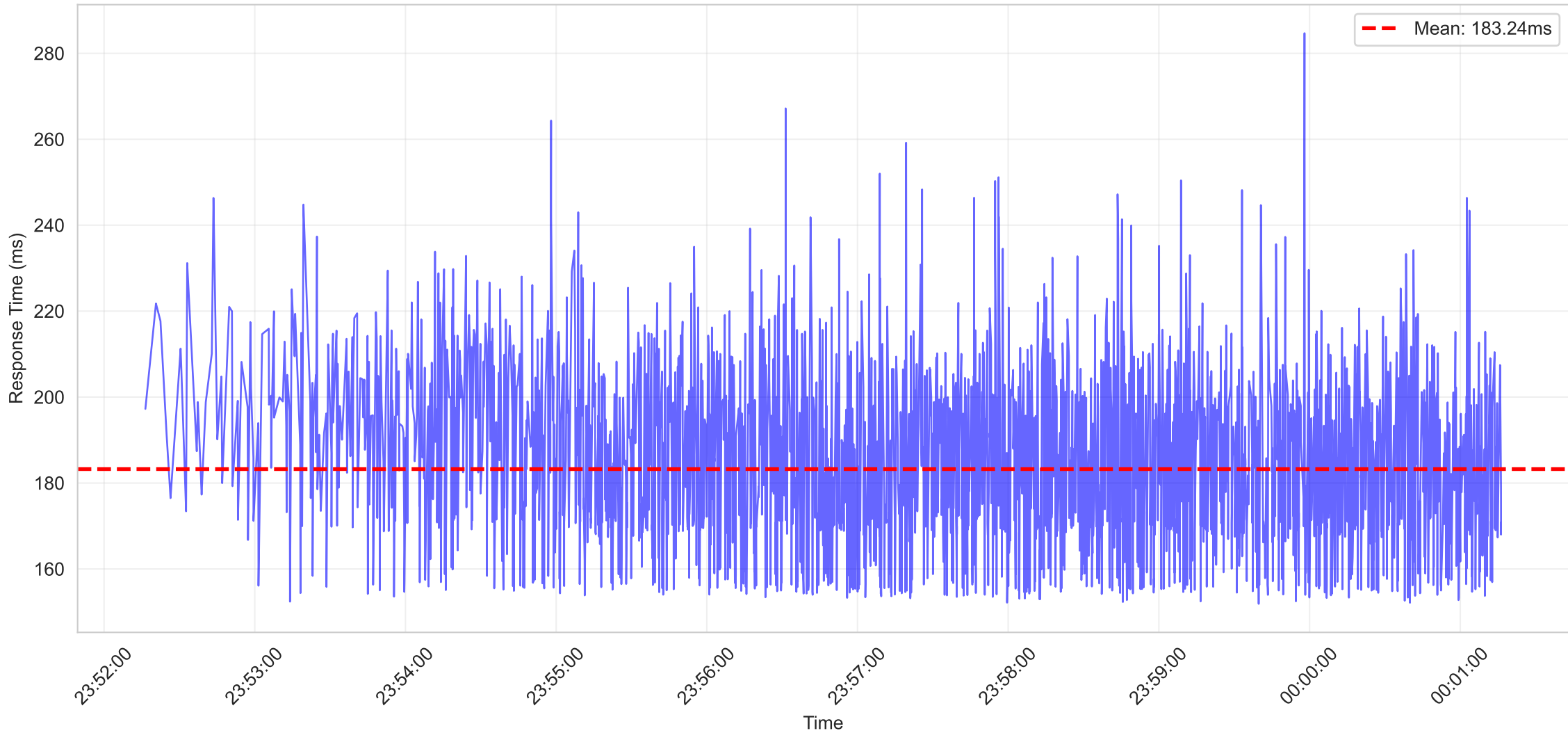
Success vs Error Rate (35 user test)



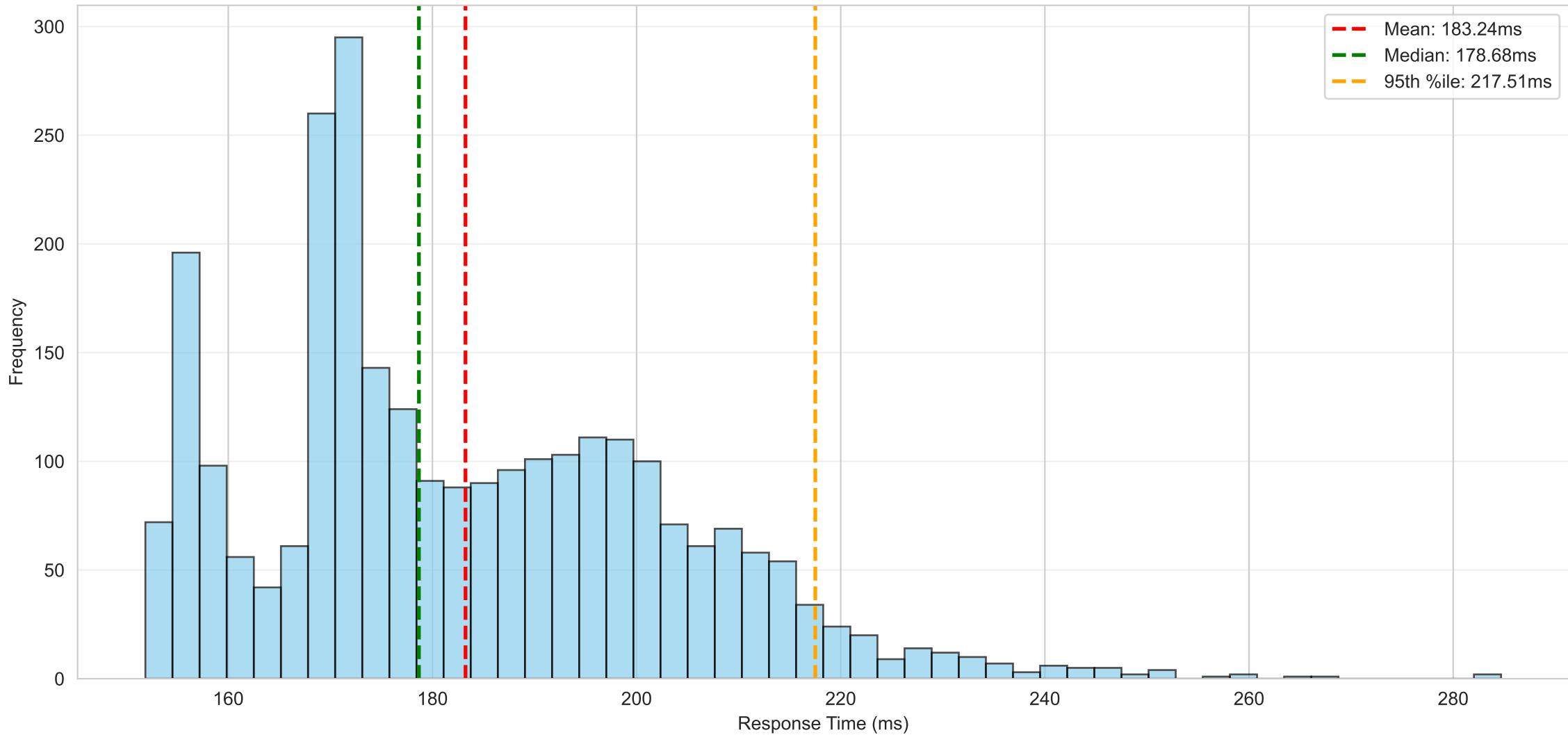
Performance Metrics Summary (40 user test.)

Metric	Value
Total Requests	2712
Total Suites	1
Max Concurrent Users	40
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	183.24
Min Response Time (ms)	151.88
Max Response Time (ms)	284.69
Median Response Time (ms)	178.68
95th Percentile (ms)	217.51
99th Percentile (ms)	240.20
Avg Think Time (ms)	6022.12

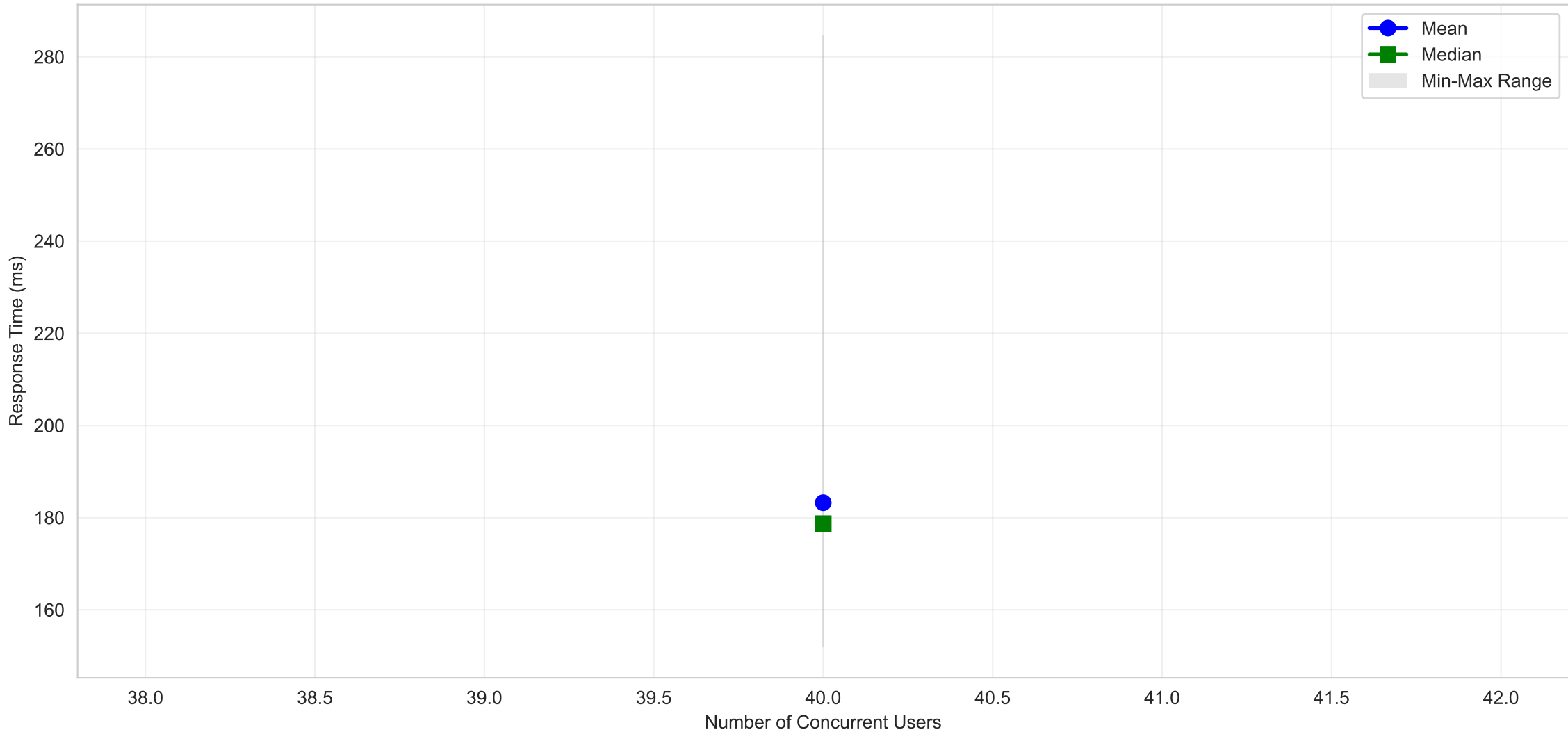
Response Time Over Time (40 user test)



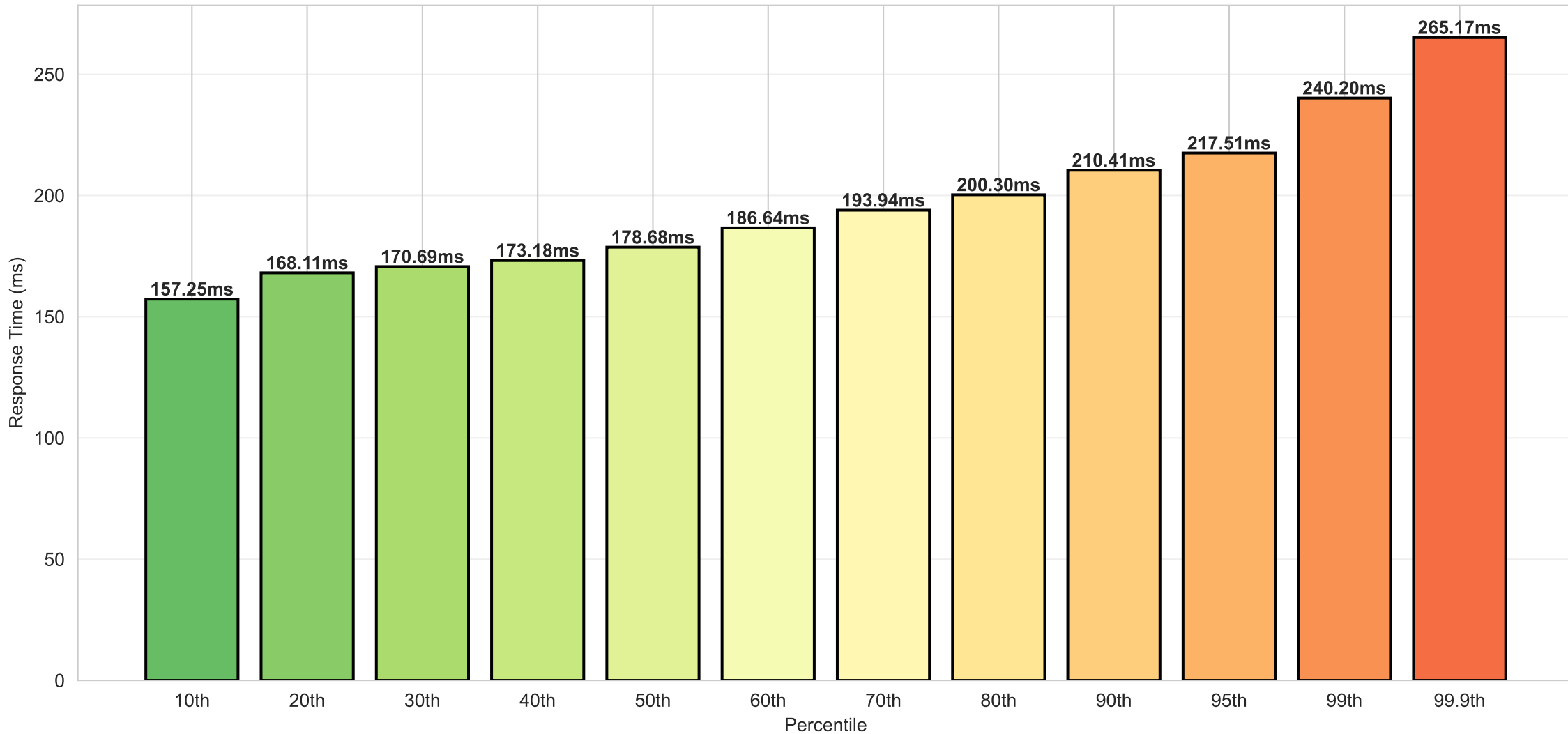
Response Time Distribution (40 user test)



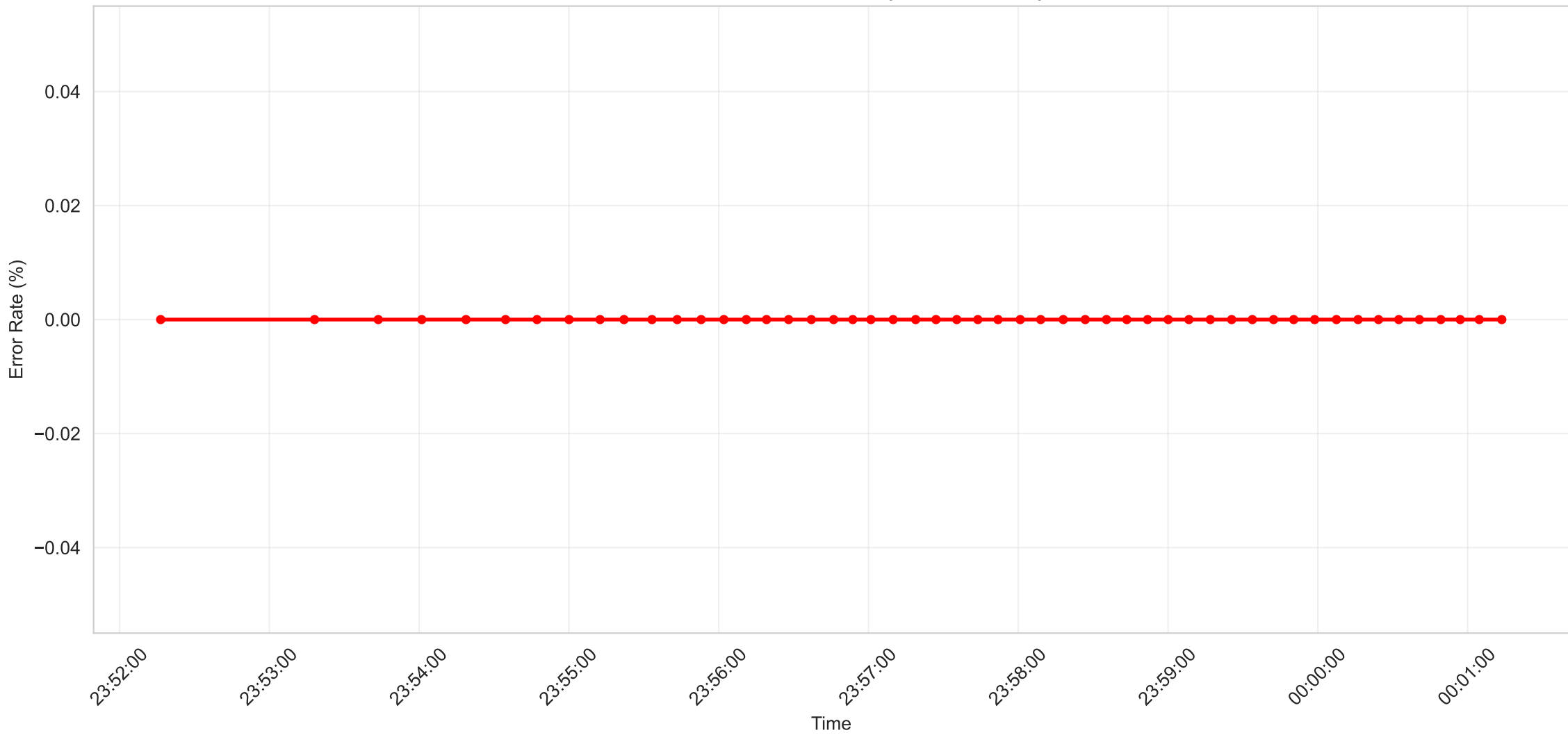
Response Time vs Concurrent Users (40 user test)



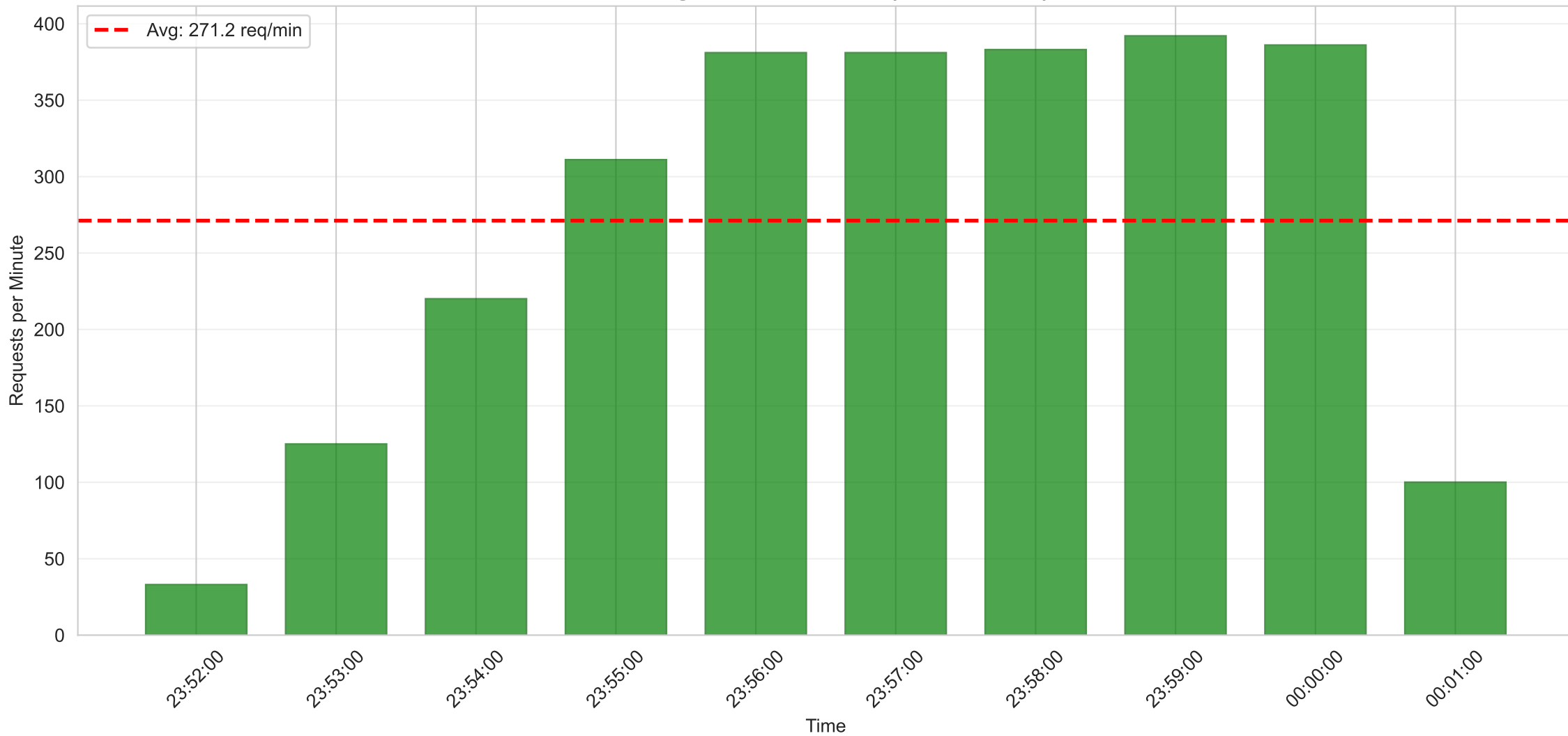
Response Time Percentiles (40 user test)



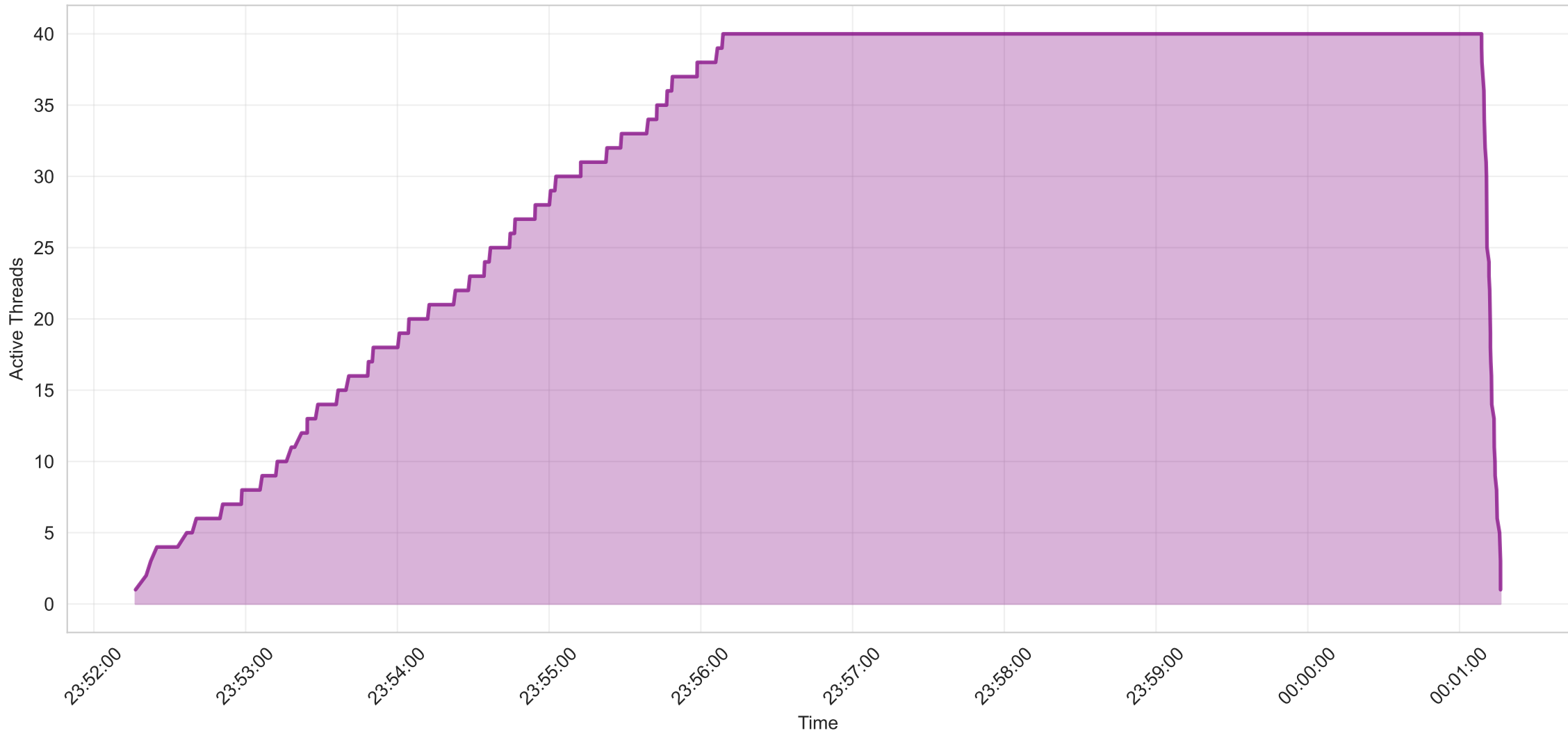
Error Rate Over Time (40 user test)



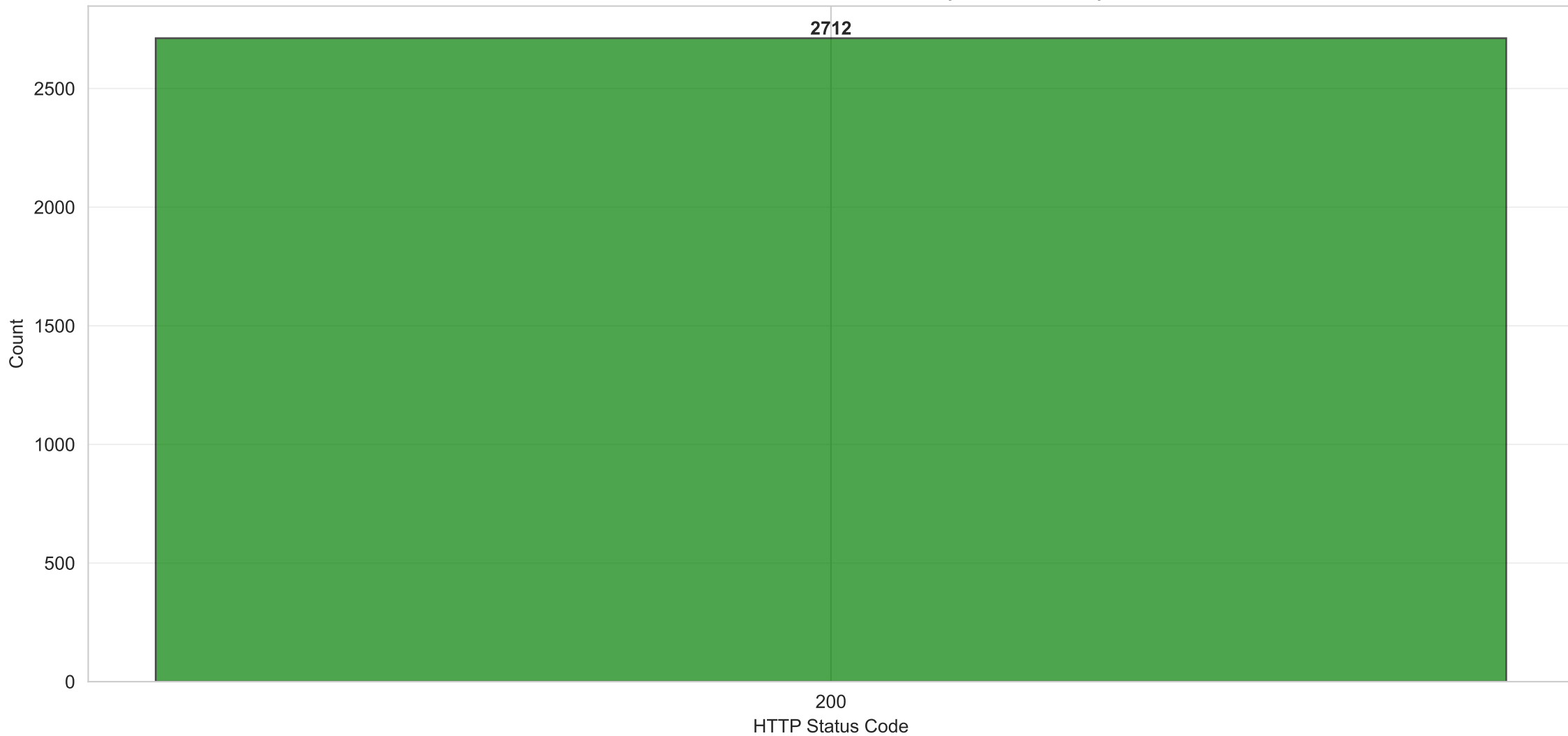
Throughput Over Time (40 user test)



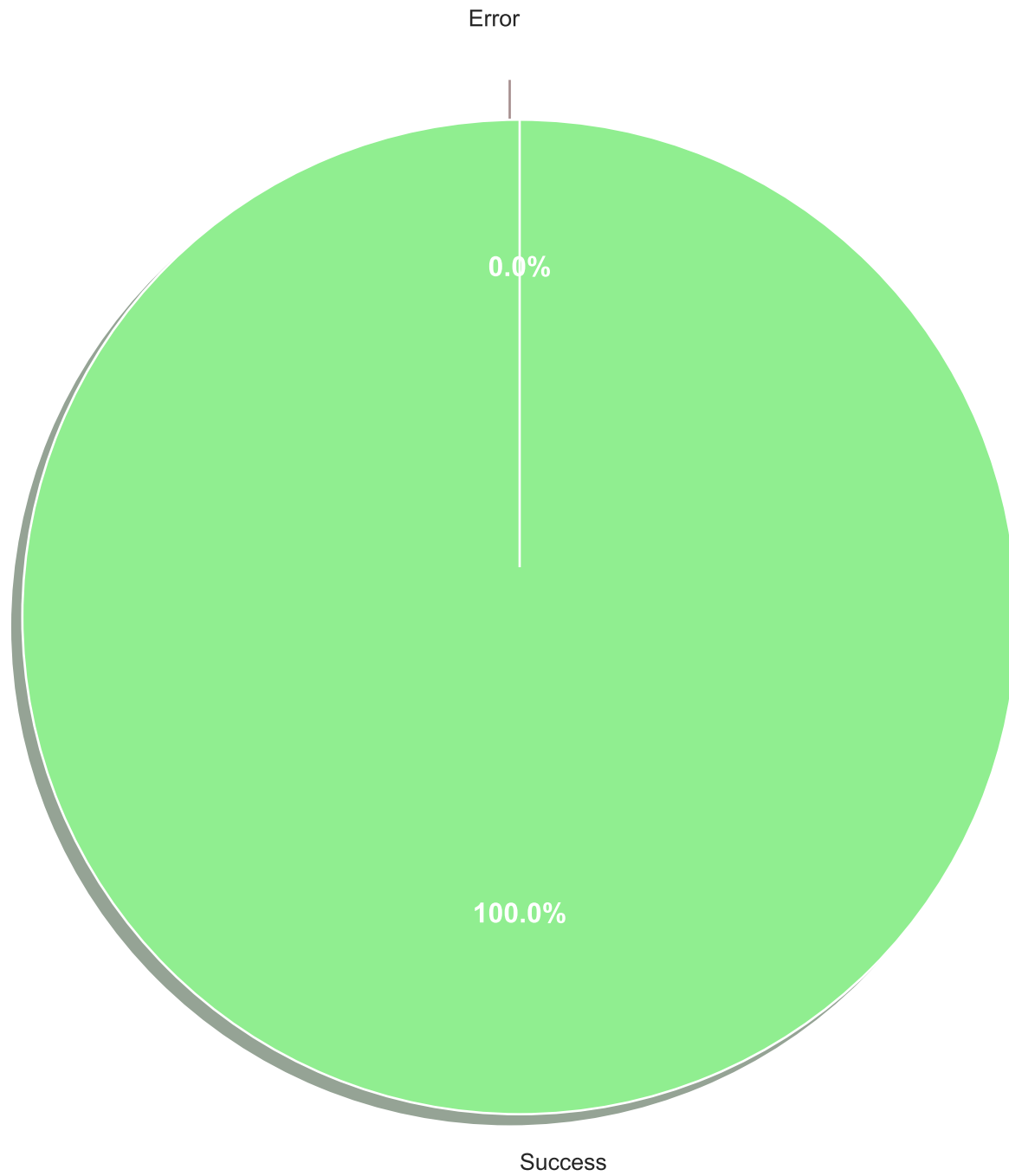
Active Threads Over Time (40 user test)



HTTP Status Code Distribution (40 user test)



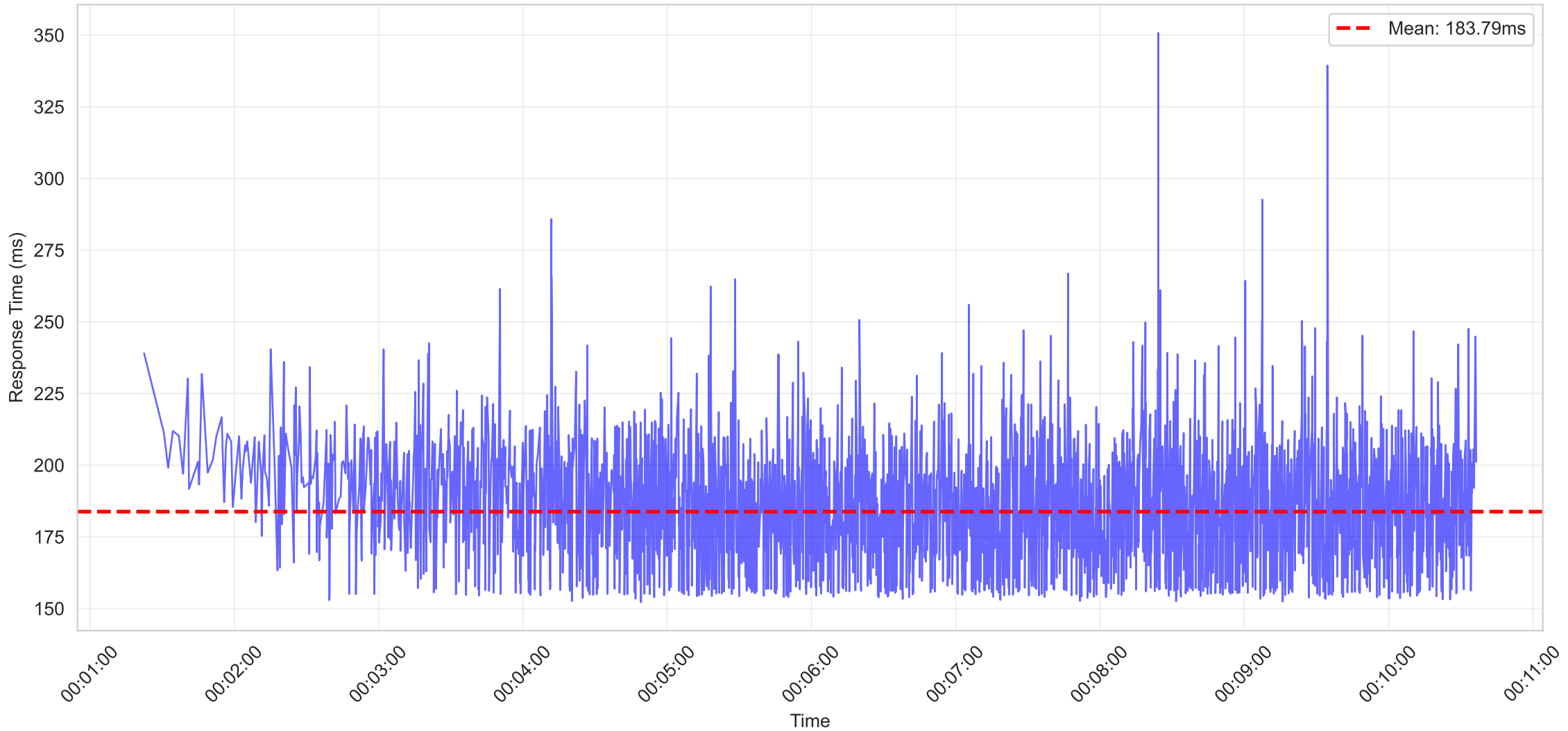
Success vs Error Rate (40 user test)



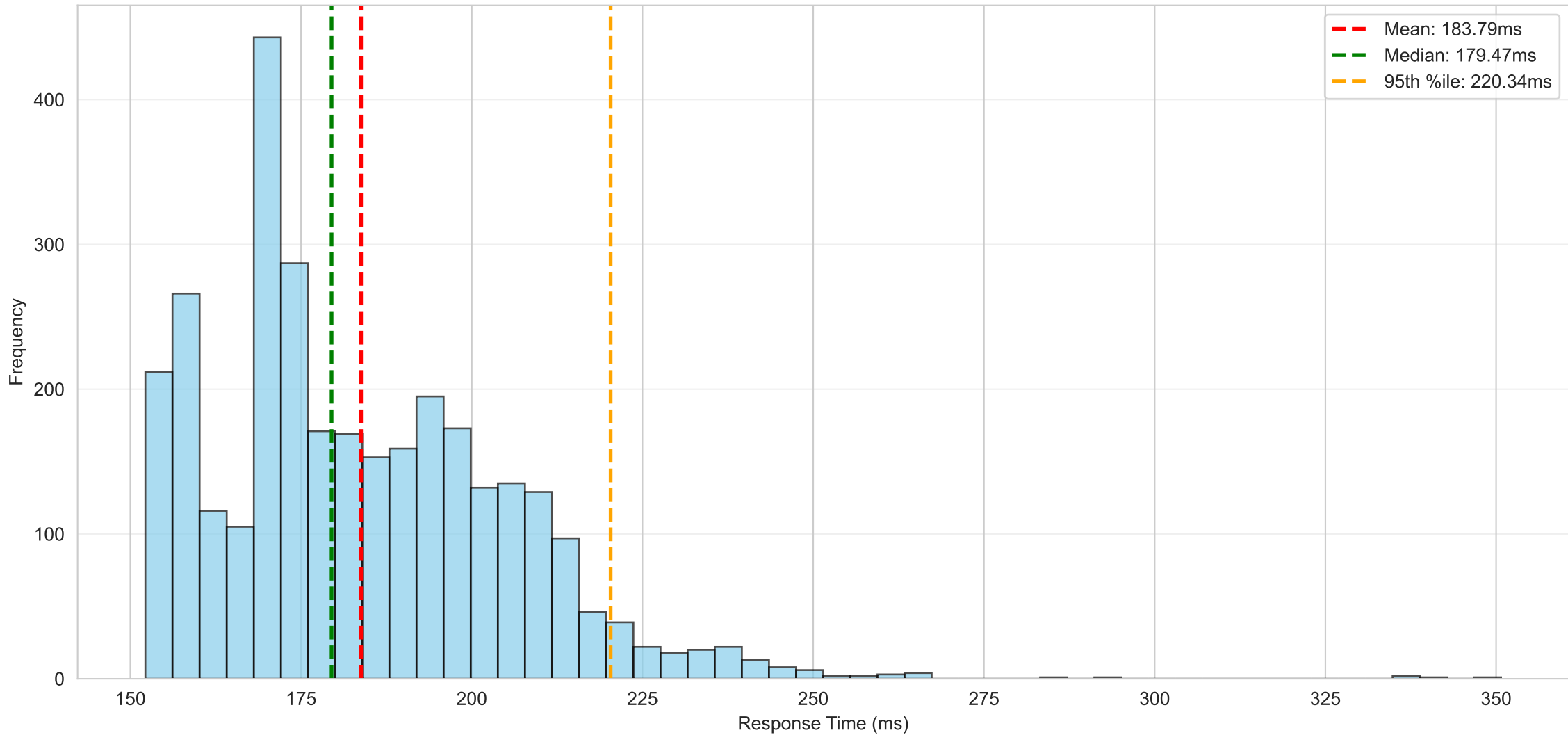
Performance Metrics Summary (45 user test.)

Metric	Value
Total Requests	3153
Total Suites	1
Max Concurrent Users	45
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	183.79
Min Response Time (ms)	152.21
Max Response Time (ms)	350.72
Median Response Time (ms)	179.47
95th Percentile (ms)	220.34
99th Percentile (ms)	243.34
Avg Think Time (ms)	5960.67

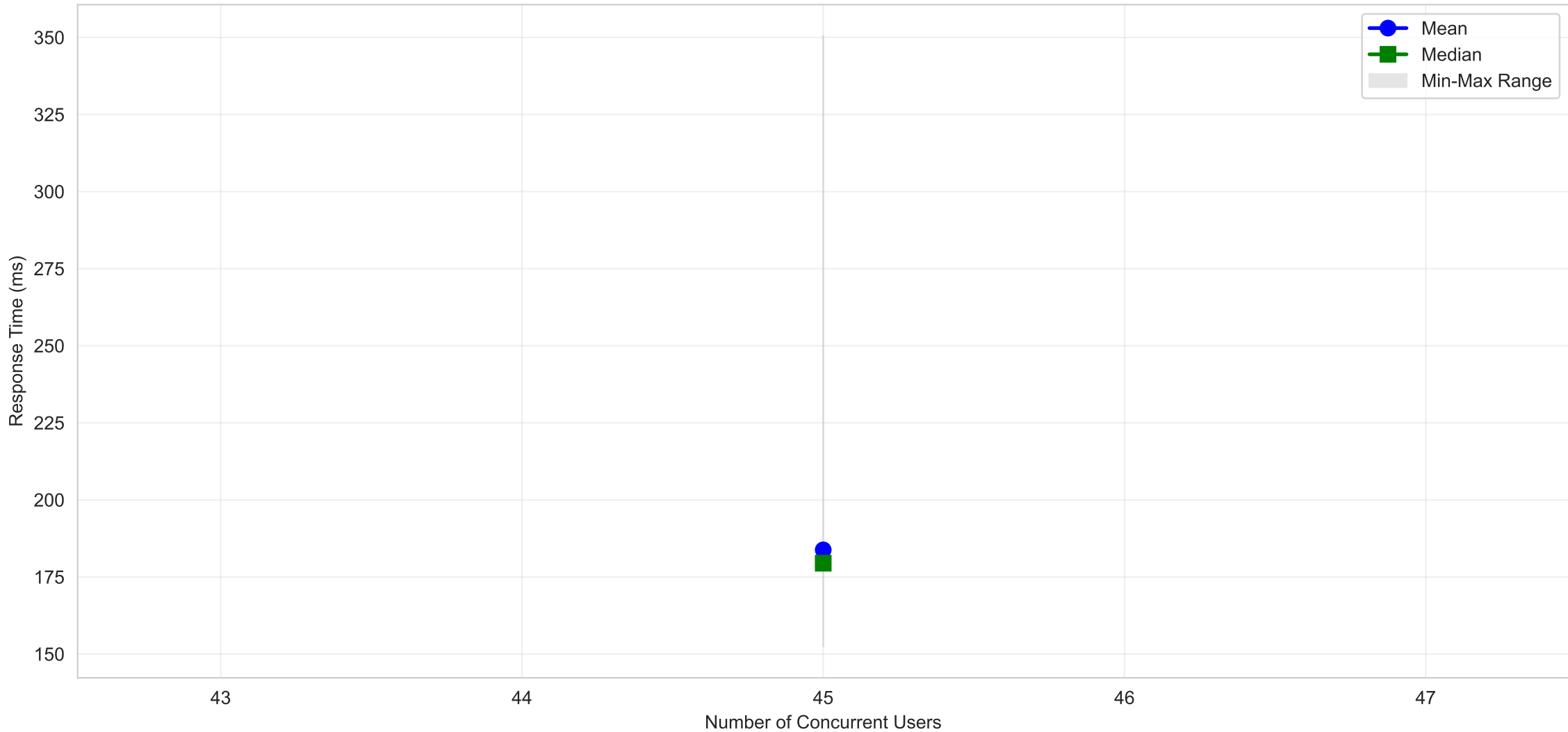
Response Time Over Time (45 user test)



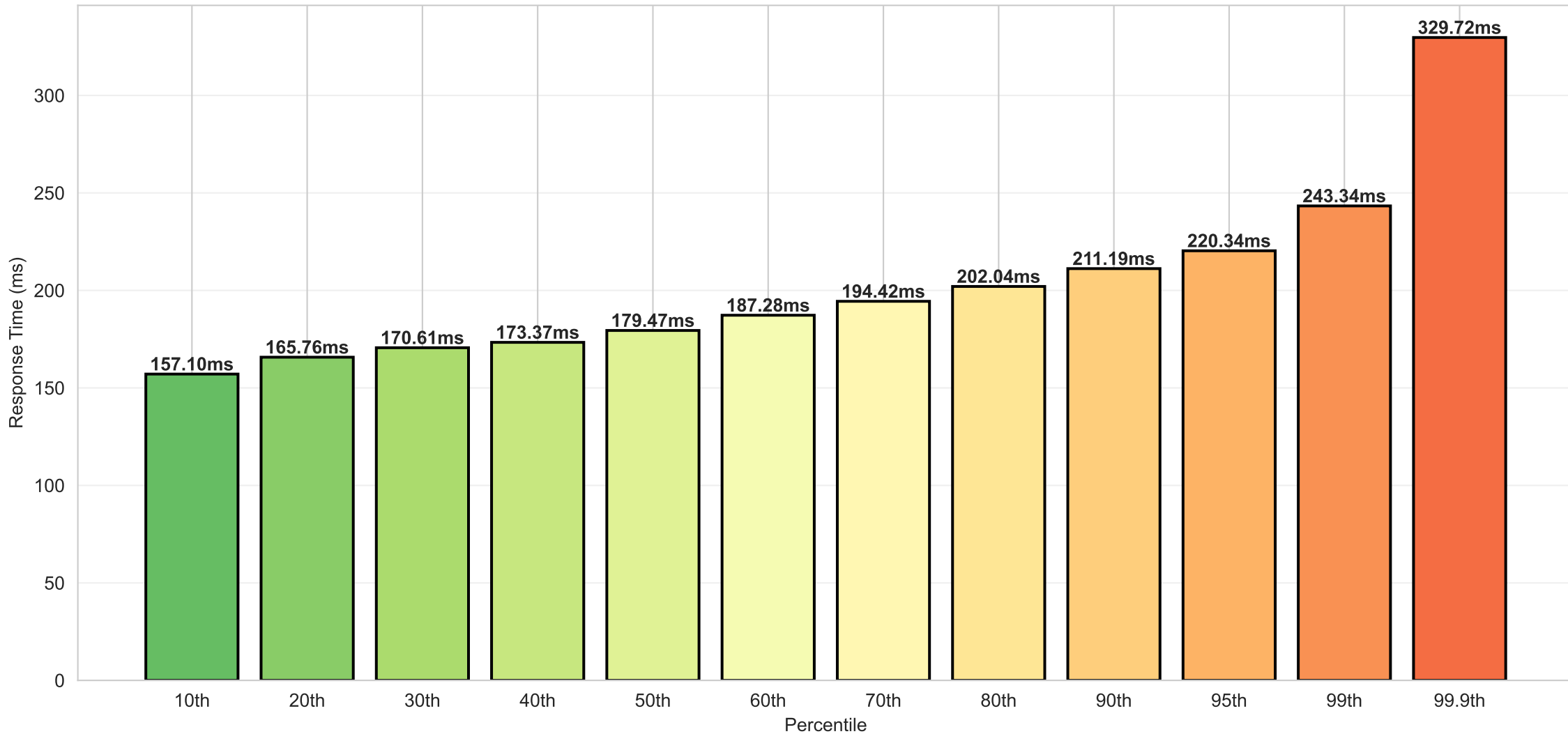
Response Time Distribution (45 user test)



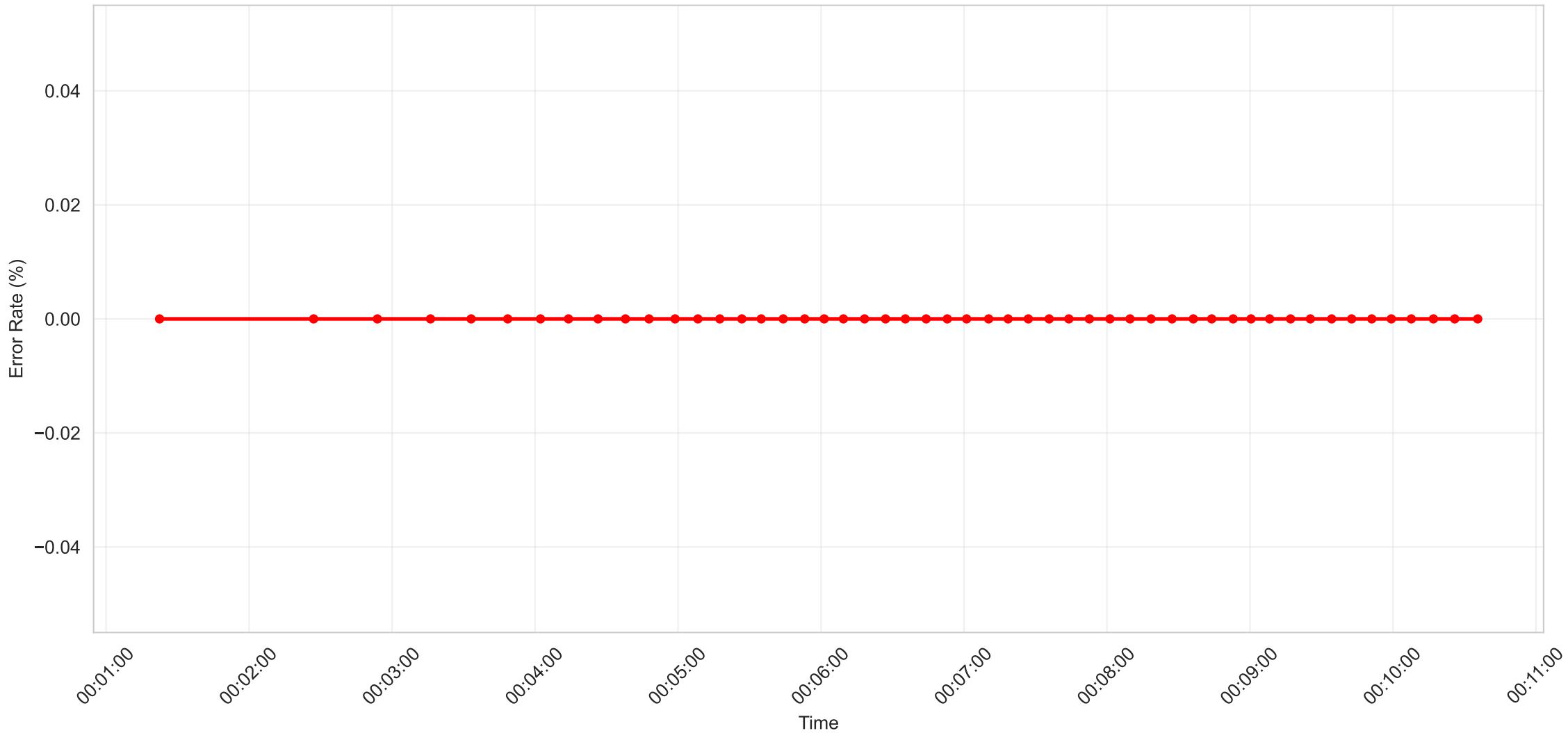
Response Time vs Concurrent Users (45 user test)



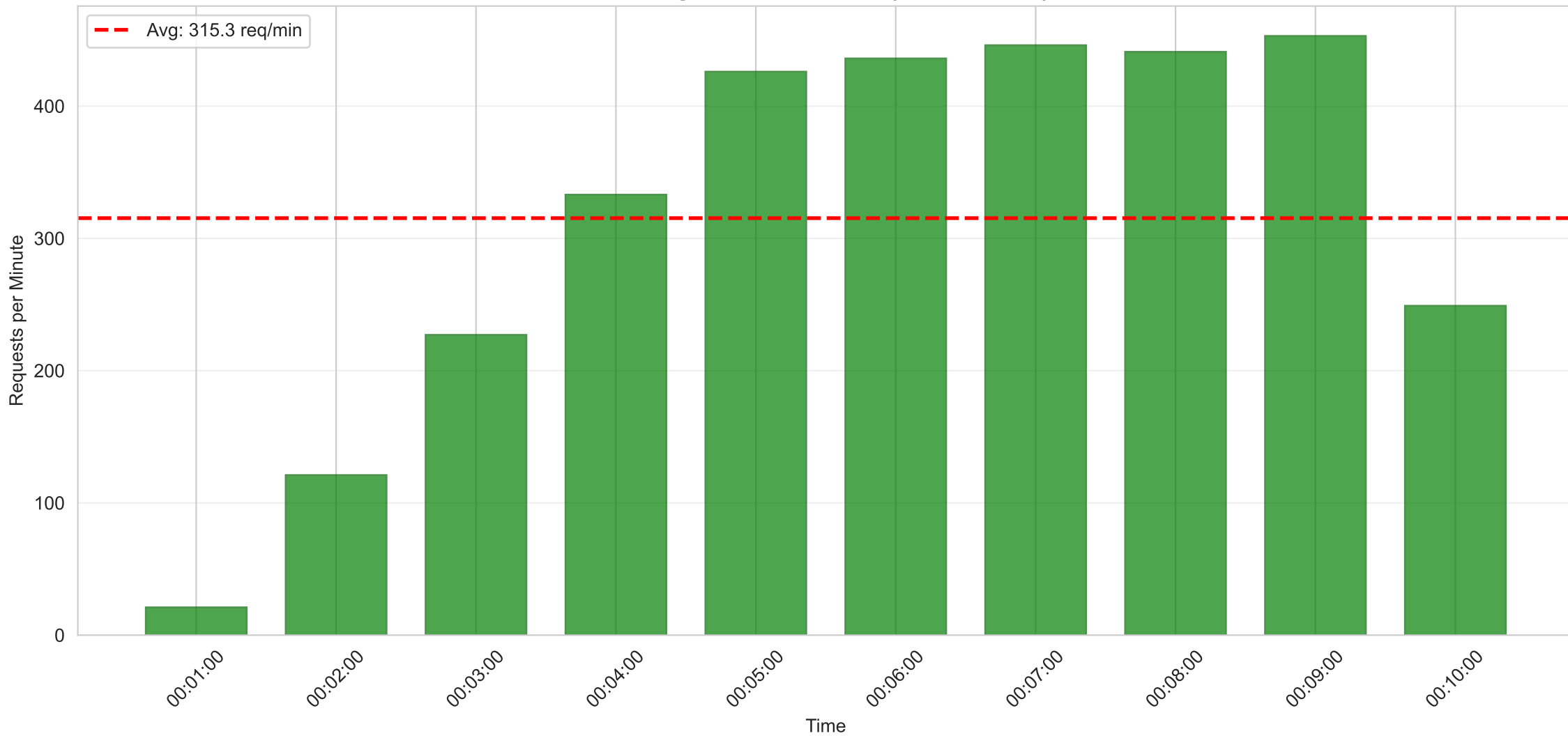
Response Time Percentiles (45 user test)



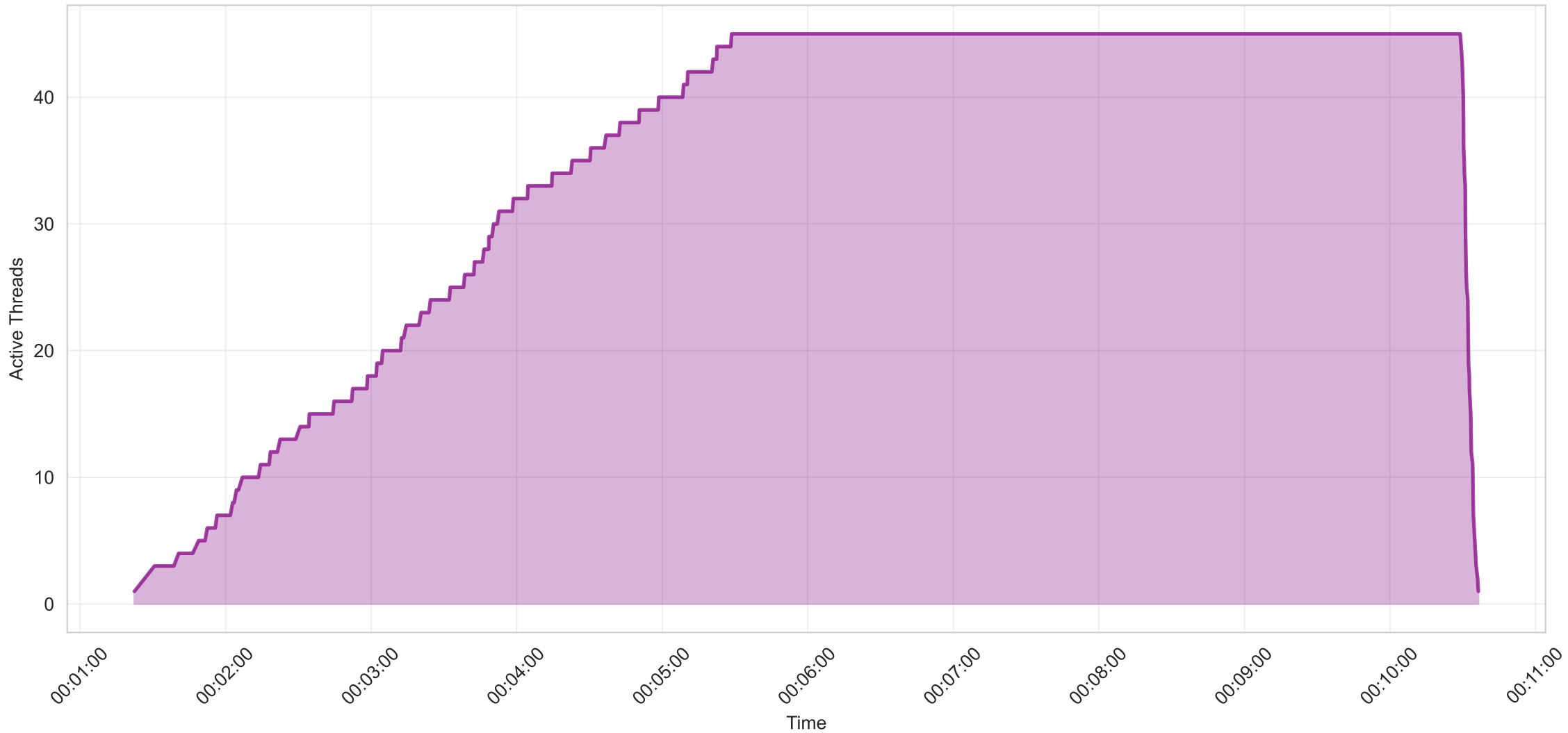
Error Rate Over Time (45 user test)



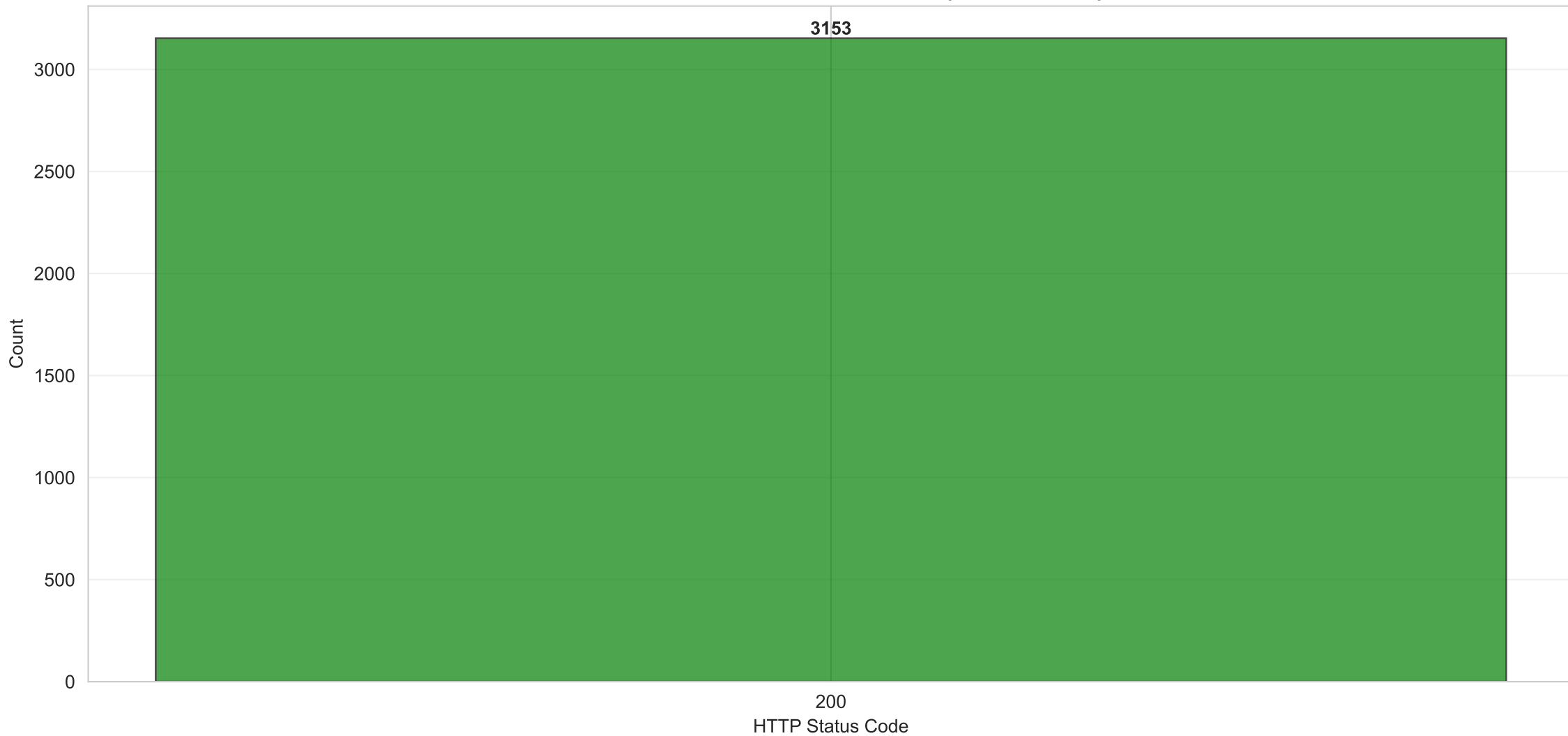
Throughput Over Time (45 user test)



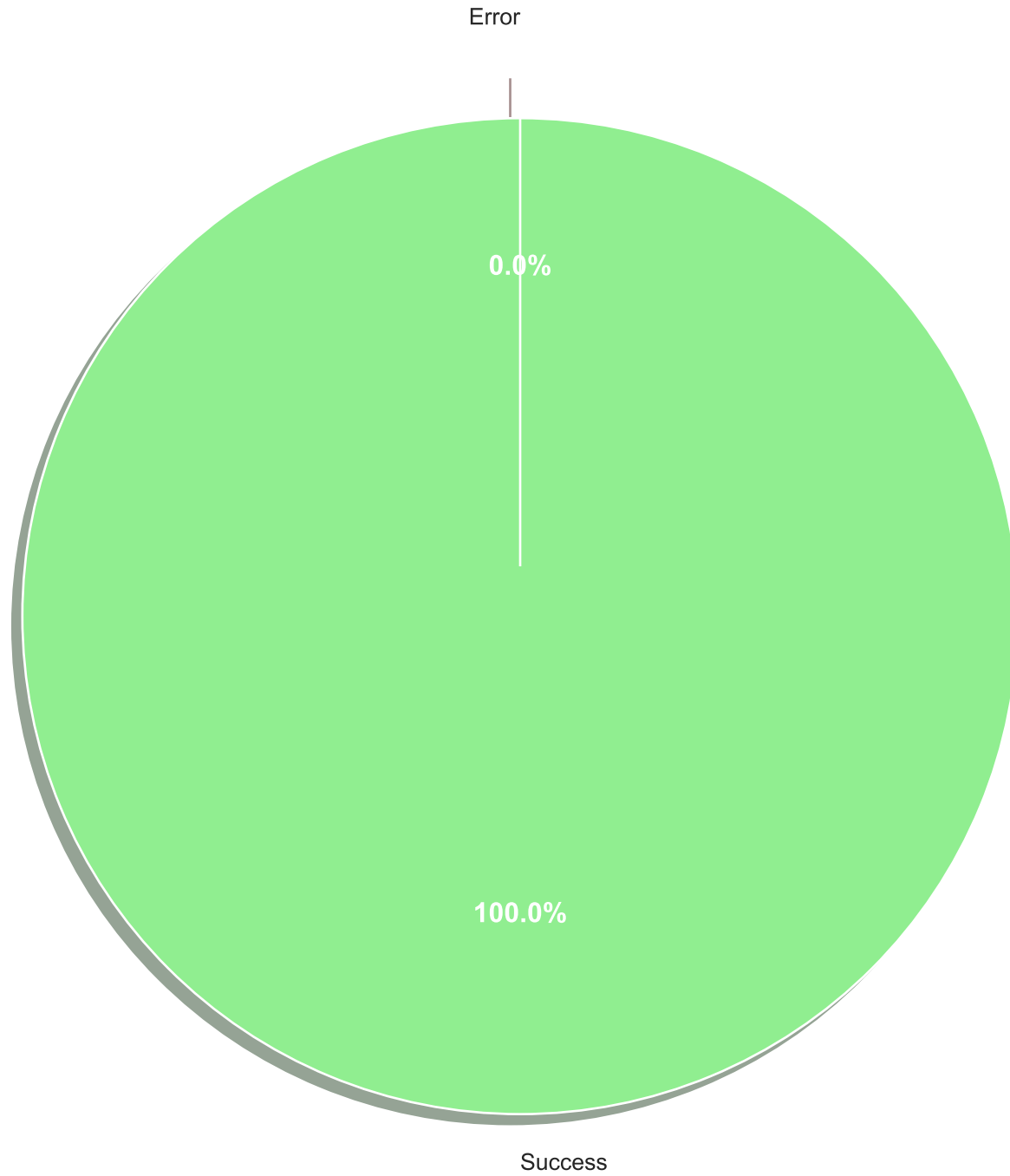
Active Threads Over Time (45 user test)



HTTP Status Code Distribution (45 user test)



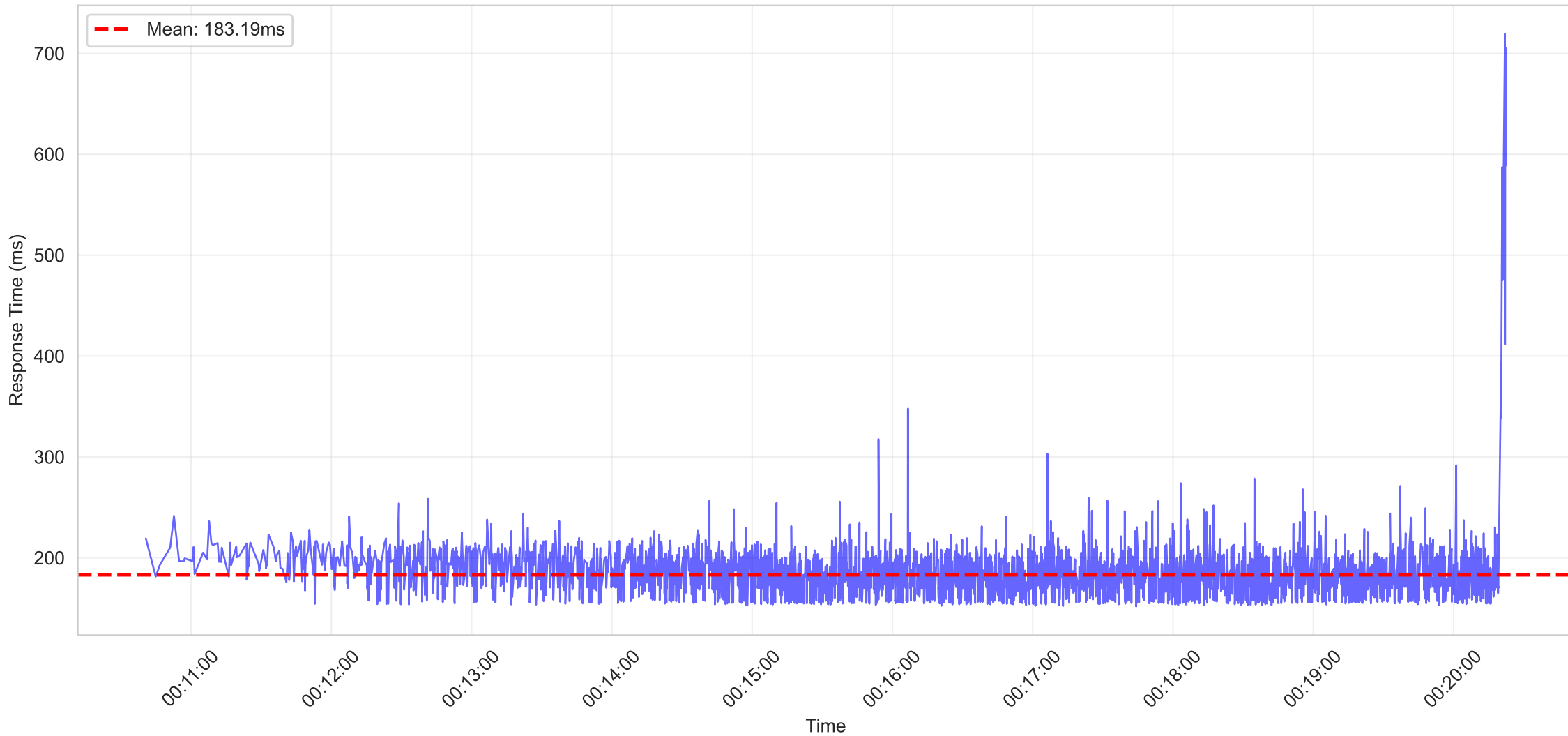
Success vs Error Rate (45 user test)



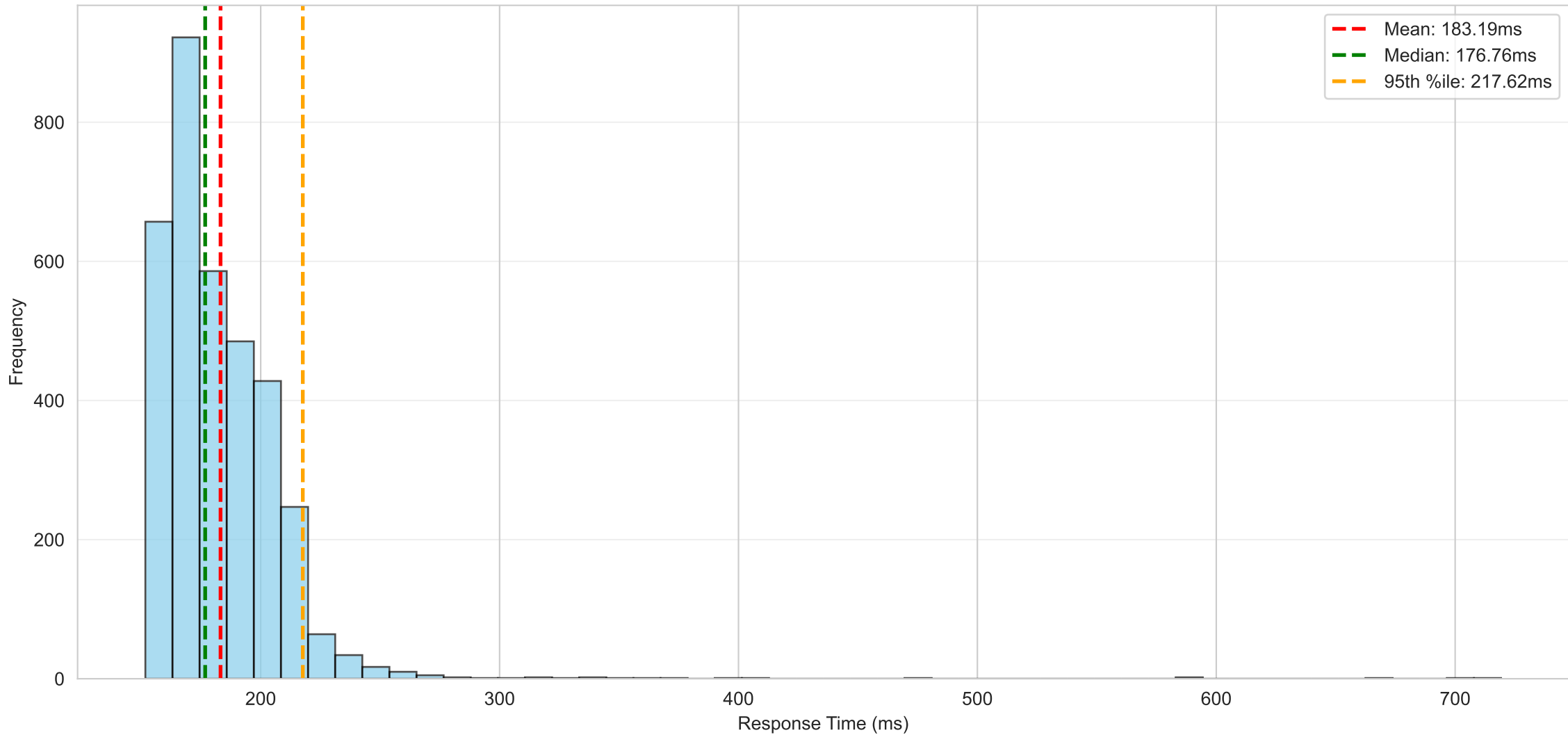
Performance Metrics Summary (50 user test.)

Metric	Value
Total Requests	3475
Total Suites	1
Max Concurrent Users	50
Total Errors	0
Error Rate (%)	0.00
Avg Response Time (ms)	183.19
Min Response Time (ms)	151.72
Max Response Time (ms)	719.21
Median Response Time (ms)	176.76
95th Percentile (ms)	217.62
99th Percentile (ms)	253.84
Avg Think Time (ms)	6026.47

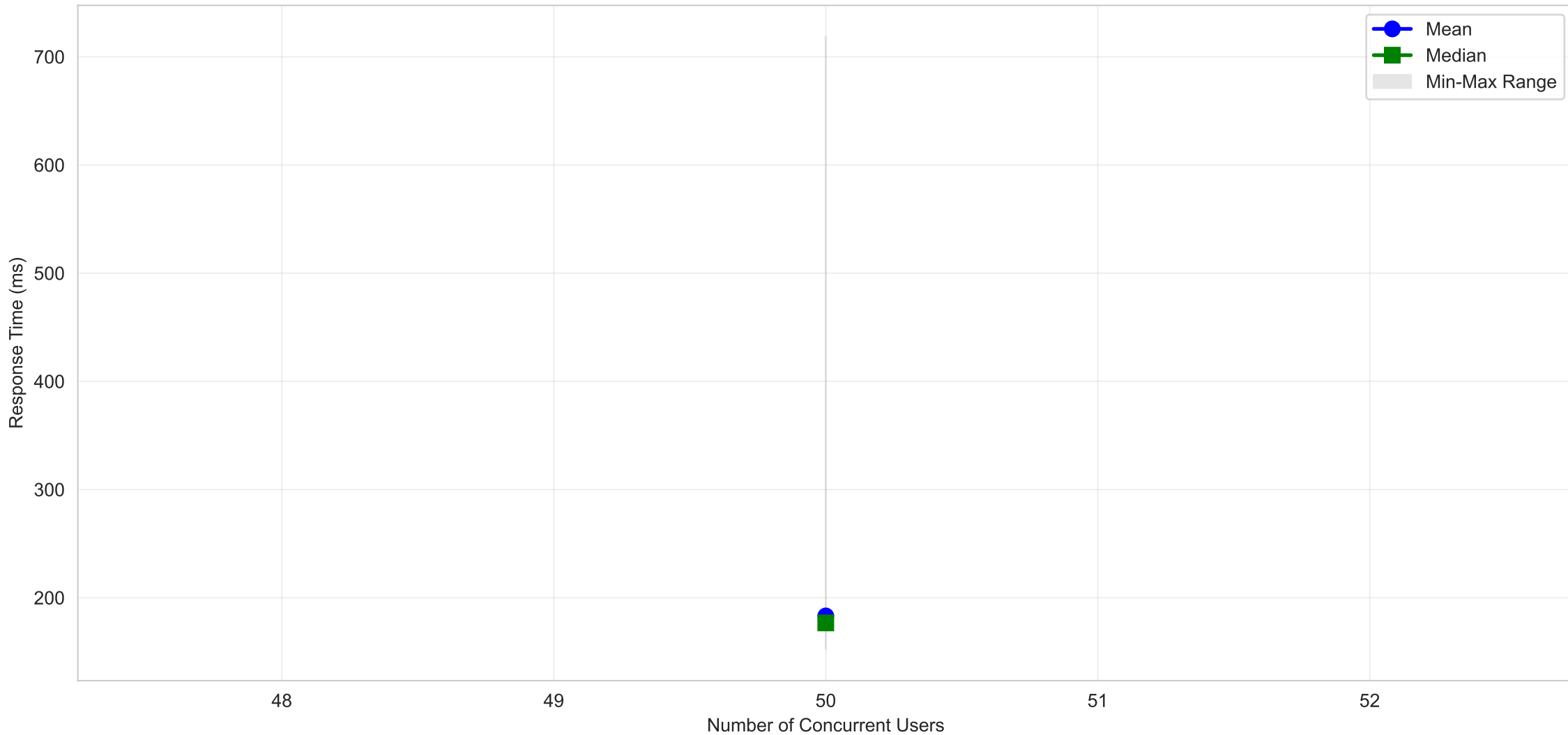
Response Time Over Time (50 user test)



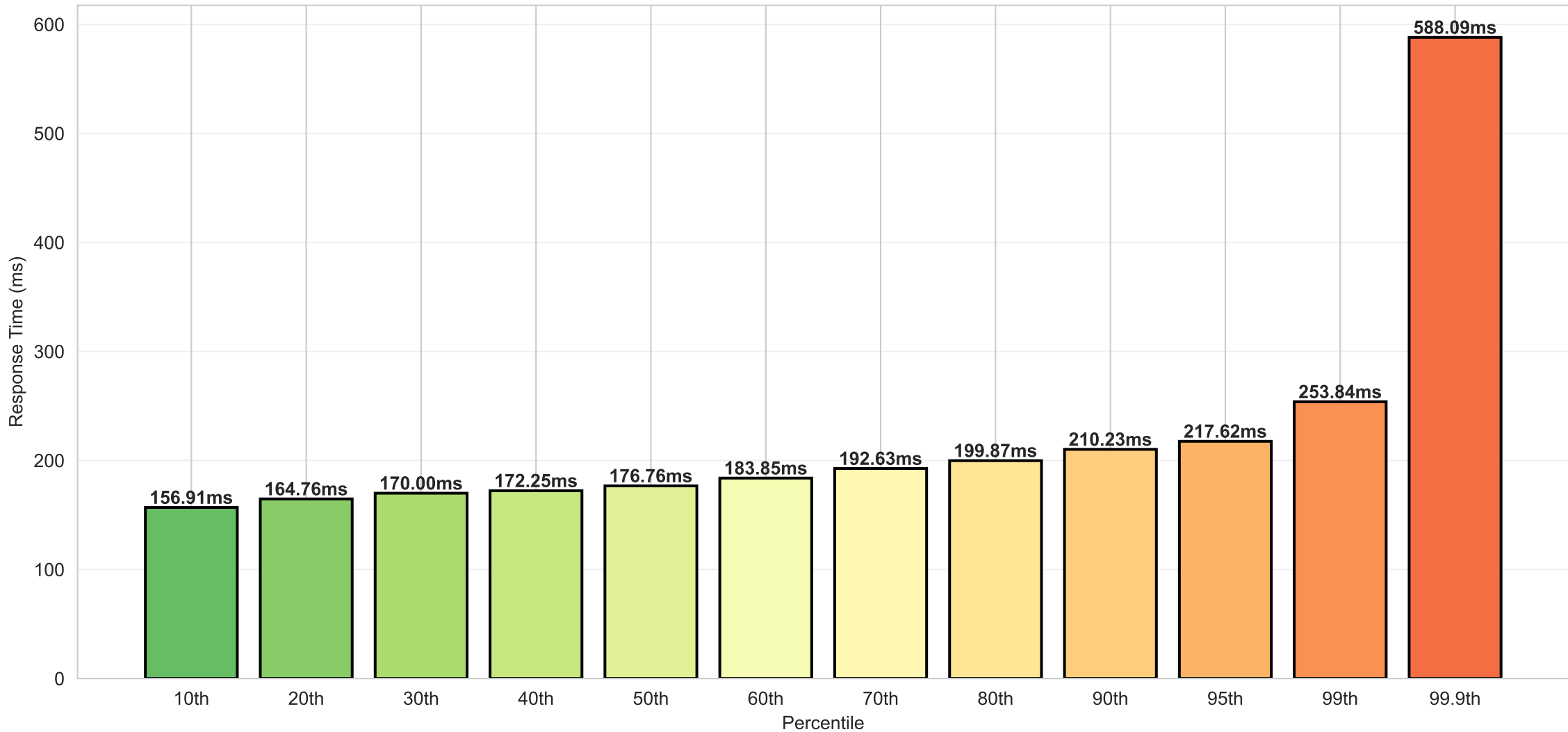
Response Time Distribution (50 user test)



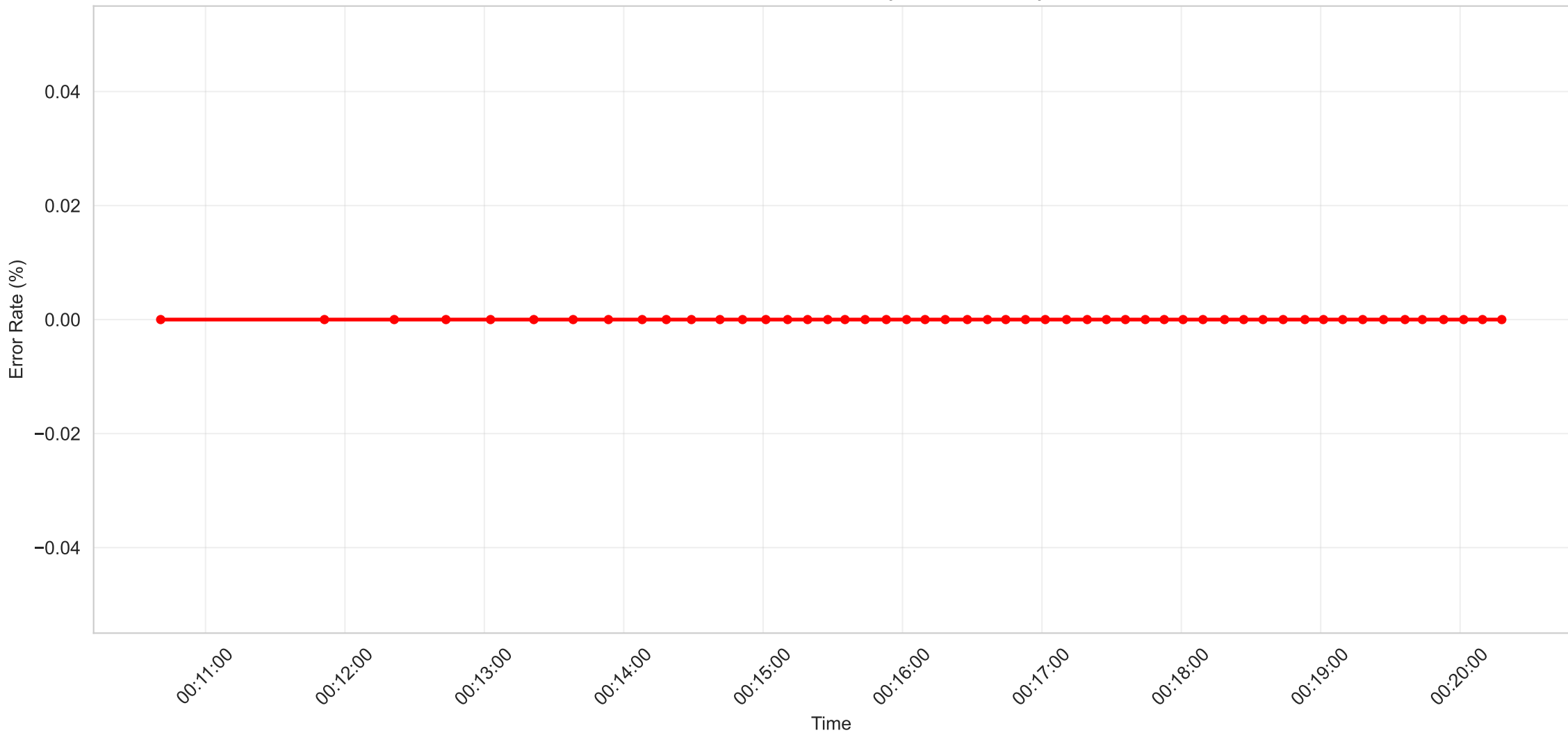
Response Time vs Concurrent Users (50 user test)



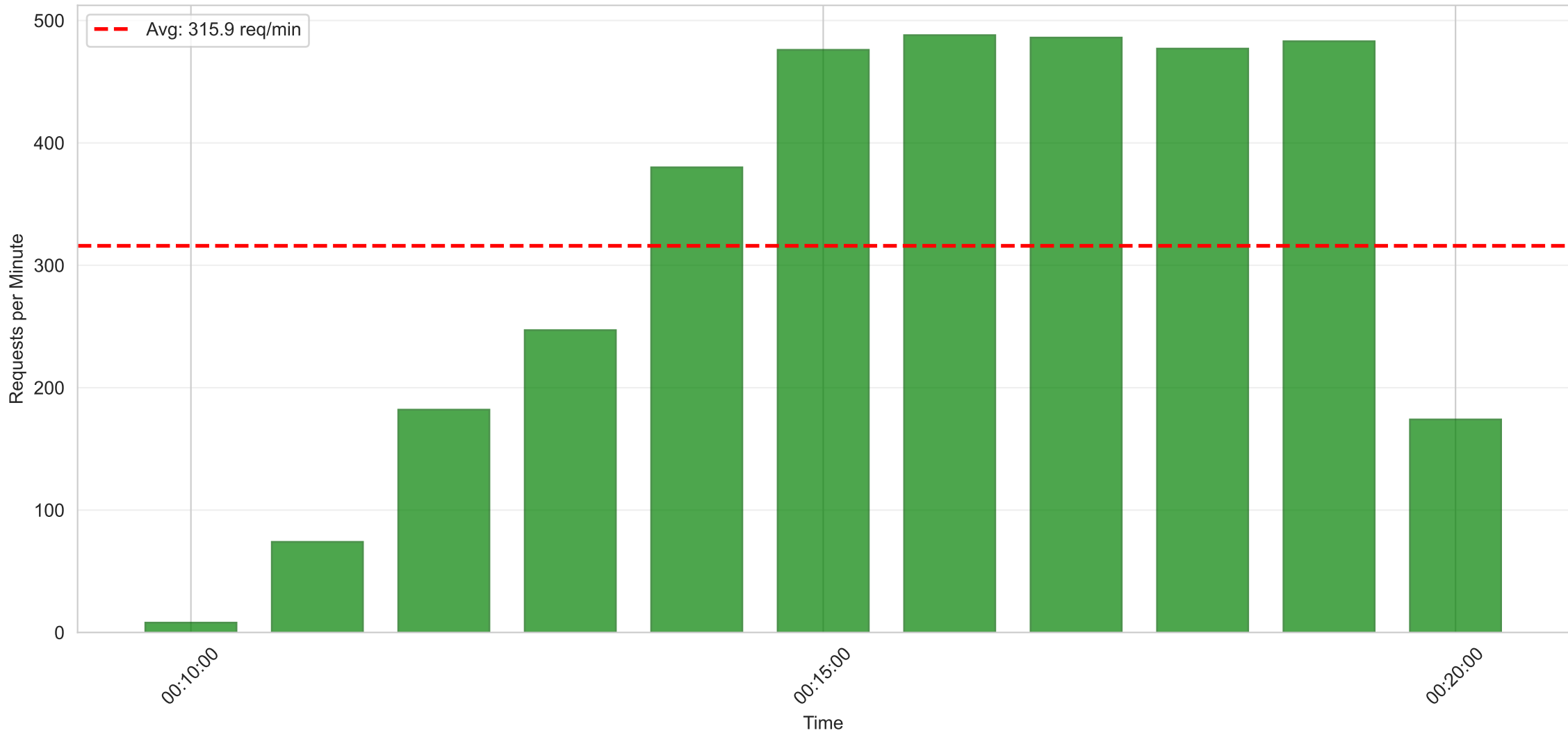
Response Time Percentiles (50 user test)



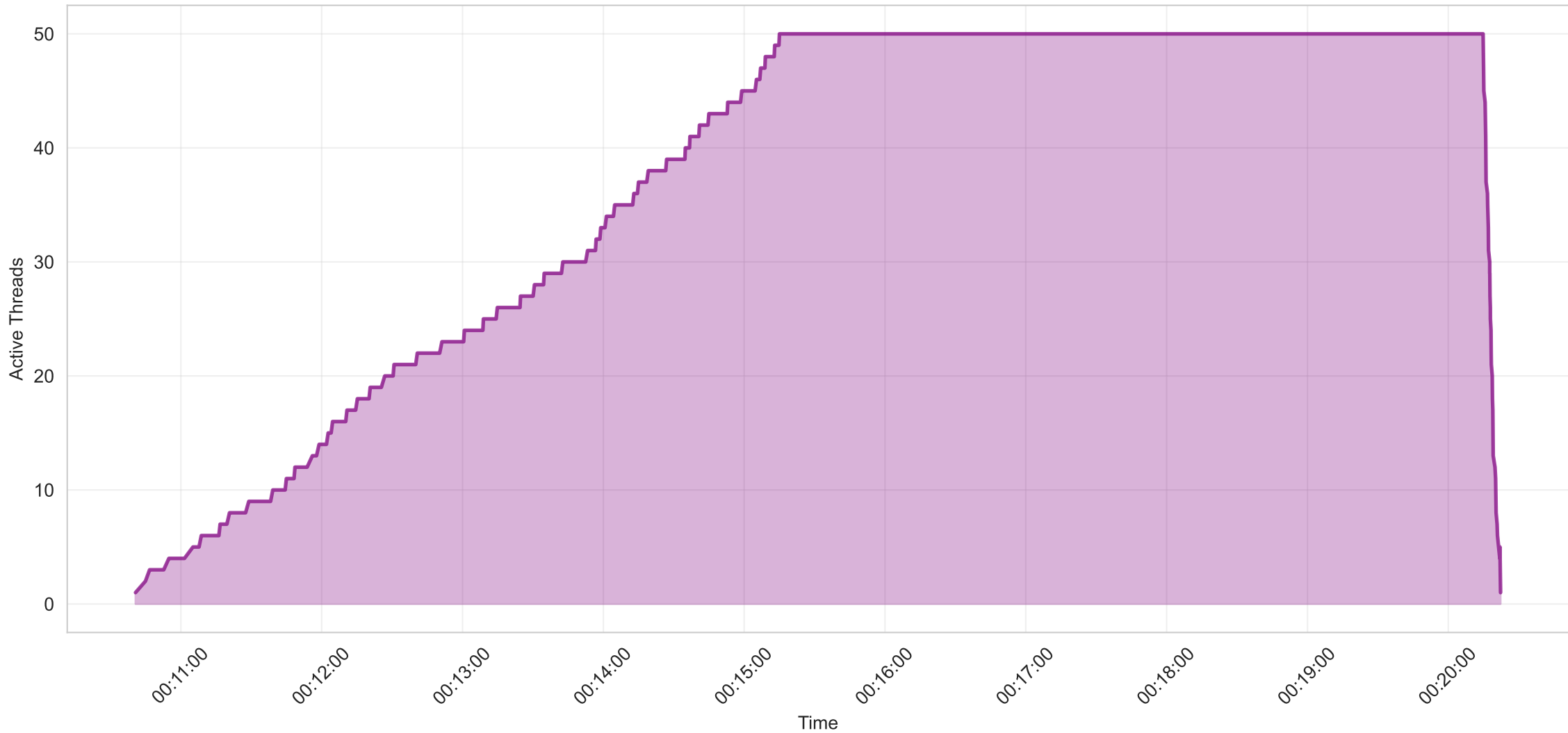
Error Rate Over Time (50 user test)



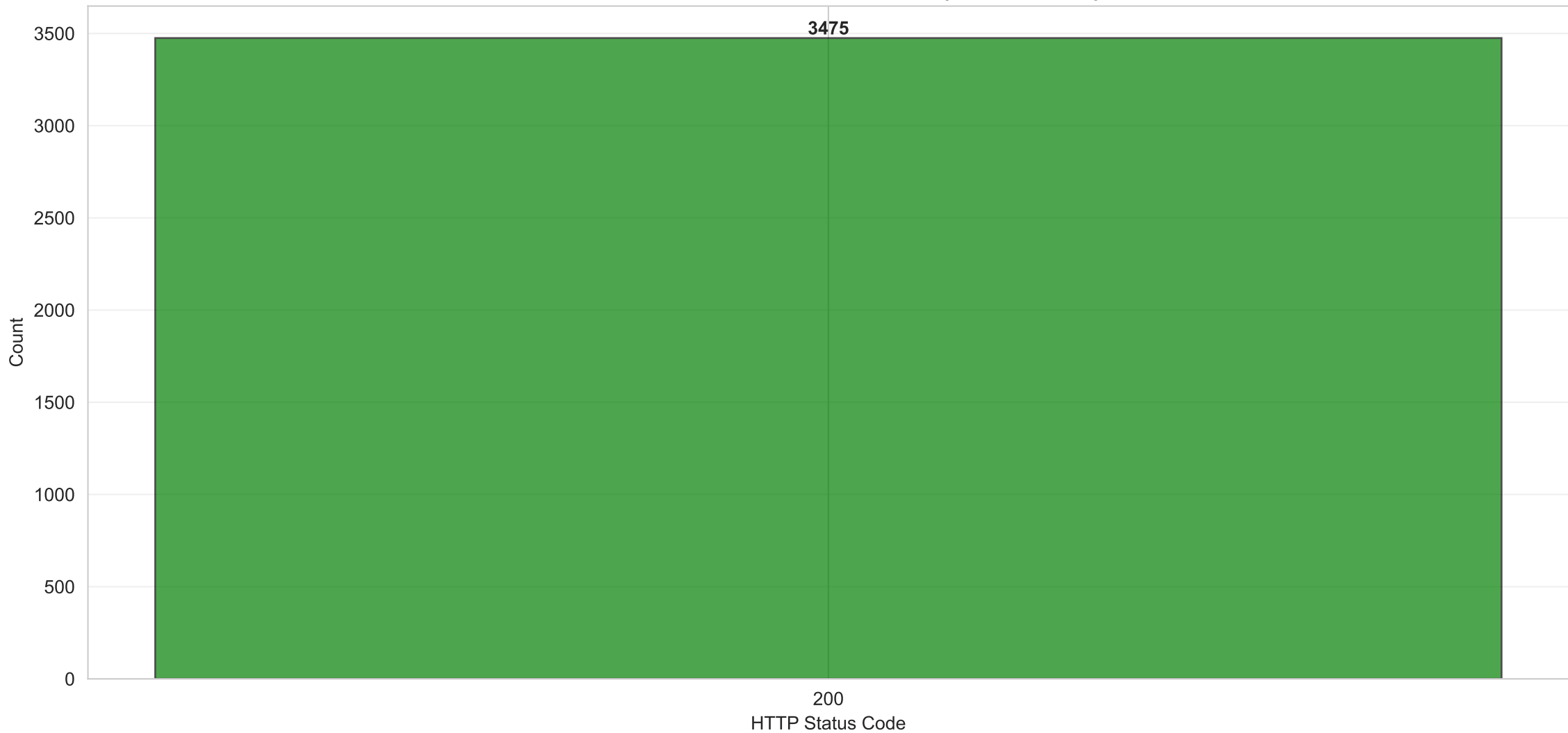
Throughput Over Time (50 user test)



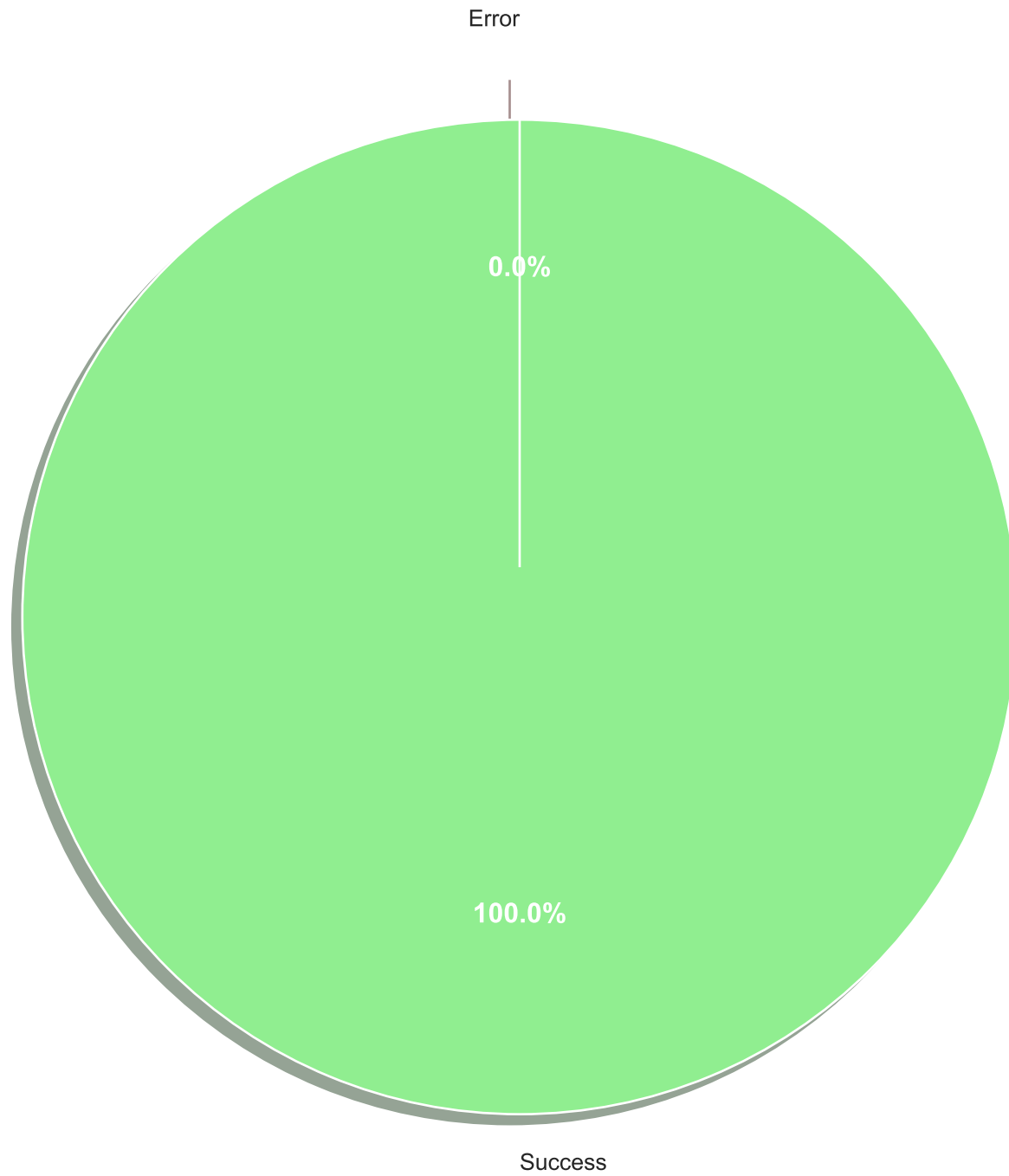
Active Threads Over Time (50 user test)



HTTP Status Code Distribution (50 user test)



Success vs Error Rate (50 user test)



Heat MAP - Standard

Users	Avg	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	99%
10	0.199	0.173	0.185	0.191	0.195	0.199	0.205	0.208	0.212	0.217	0.224	0.244
15	0.197	0.166	0.173	0.184	0.191	0.196	0.200	0.206	0.210	0.216	0.227	0.282
20	0.189	0.160	0.170	0.176	0.183	0.189	0.195	0.199	0.205	0.213	0.220	0.238
25	0.188	0.161	0.170	0.173	0.181	0.188	0.194	0.199	0.205	0.212	0.220	0.237
30	0.185	0.158	0.168	0.171	0.175	0.183	0.190	0.196	0.202	0.211	0.218	0.243
35	0.186	0.157	0.167	0.170	0.173	0.180	0.188	0.195	0.202	0.211	0.219	0.260
40	0.183	0.157	0.168	0.171	0.173	0.179	0.187	0.194	0.200	0.210	0.217	0.240
45	0.184	0.157	0.166	0.171	0.173	0.179	0.187	0.194	0.202	0.211	0.220	0.243
50	0.183	0.157	0.165	0.170	0.172	0.177	0.184	0.193	0.200	0.210	0.218	0.254

Heat MAP - MyProject

Users	Avg	10%	20%	30%	40%	50%	60%	70%	80%	90%	95%	99%
10	0.199	0.173	0.185	0.191	0.195	0.199	0.205	0.208	0.212	0.217	0.224	0.244
15	0.197	0.166	0.173	0.184	0.191	0.196	0.200	0.206	0.210	0.216	0.227	0.282
20	0.189	0.160	0.170	0.176	0.183	0.189	0.195	0.199	0.205	0.213	0.220	0.238
25	0.188	0.161	0.170	0.173	0.181	0.188	0.194	0.199	0.205	0.212	0.220	0.237
30	0.185	0.158	0.168	0.171	0.175	0.183	0.190	0.196	0.202	0.211	0.218	0.243
35	0.186	0.157	0.167	0.170	0.173	0.180	0.188	0.195	0.202	0.211	0.219	0.260
40	0.183	0.157	0.168	0.171	0.173	0.179	0.187	0.194	0.200	0.210	0.217	0.240
45	0.184	0.157	0.166	0.171	0.173	0.179	0.187	0.194	0.202	0.211	0.220	0.243
50	0.183	0.157	0.165	0.170	0.172	0.177	0.184	0.193	0.200	0.210	0.218	0.254

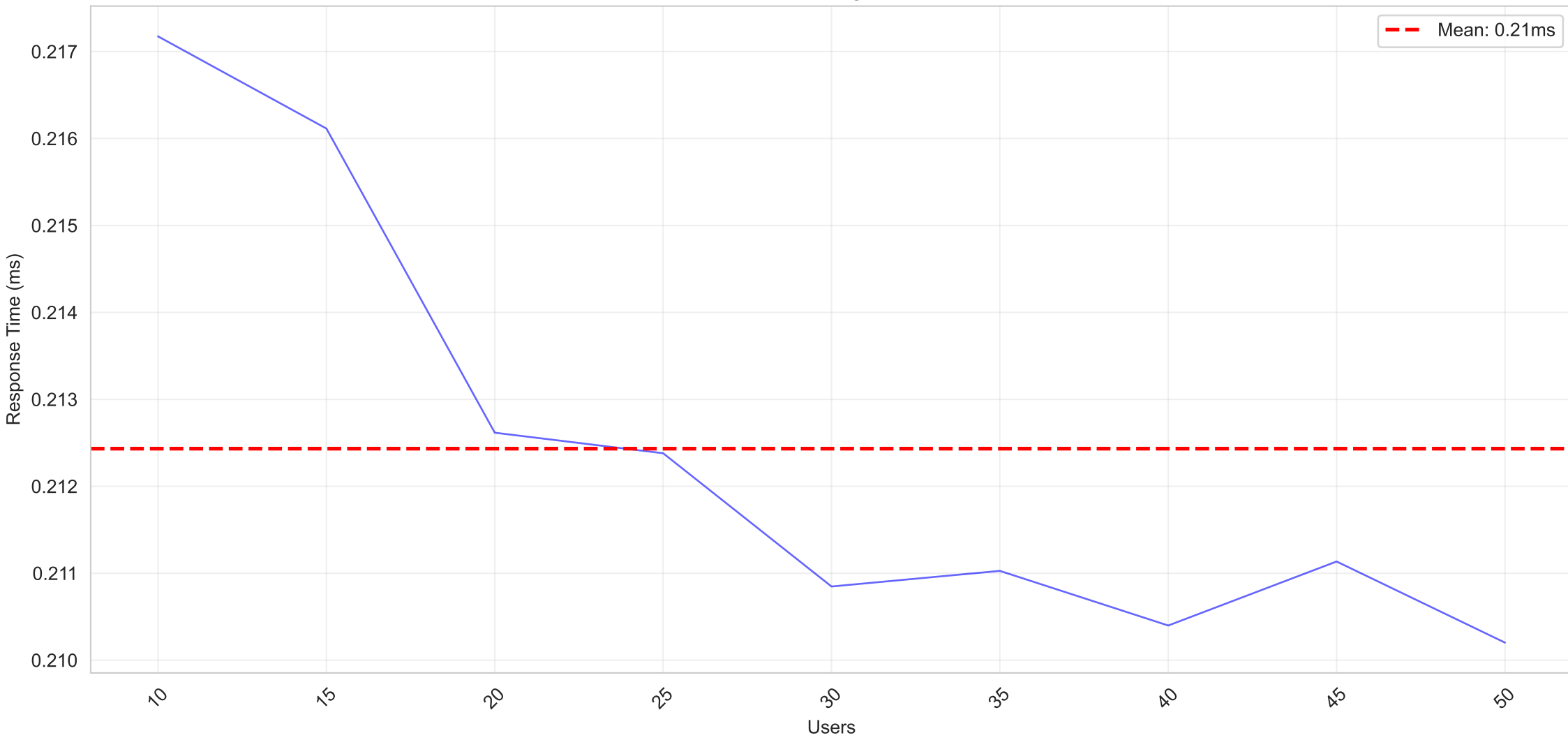
Avg Latency Trend

Mean: 0.19ms

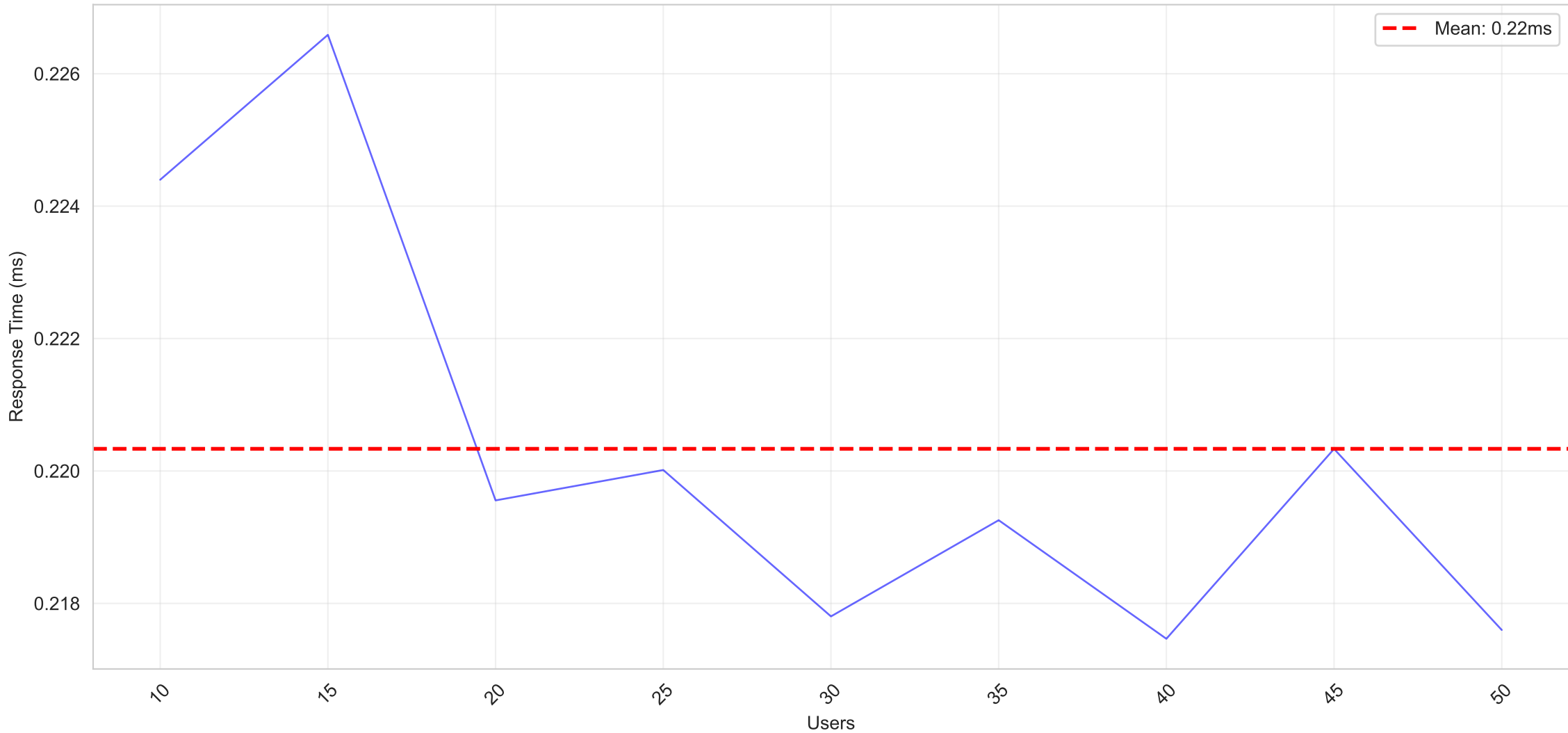


90% Latency Trend

Mean: 0.21ms

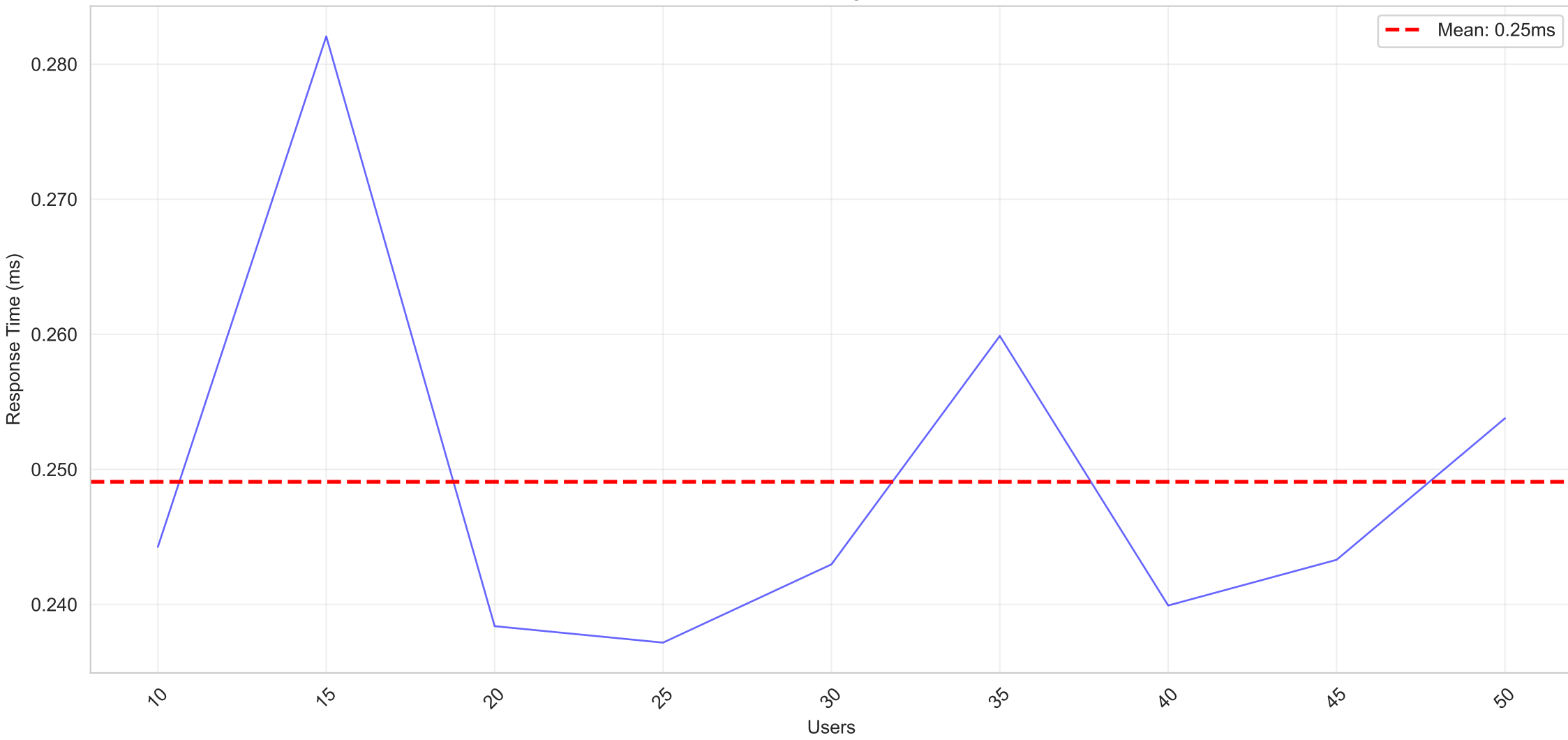


95% Latency Trend

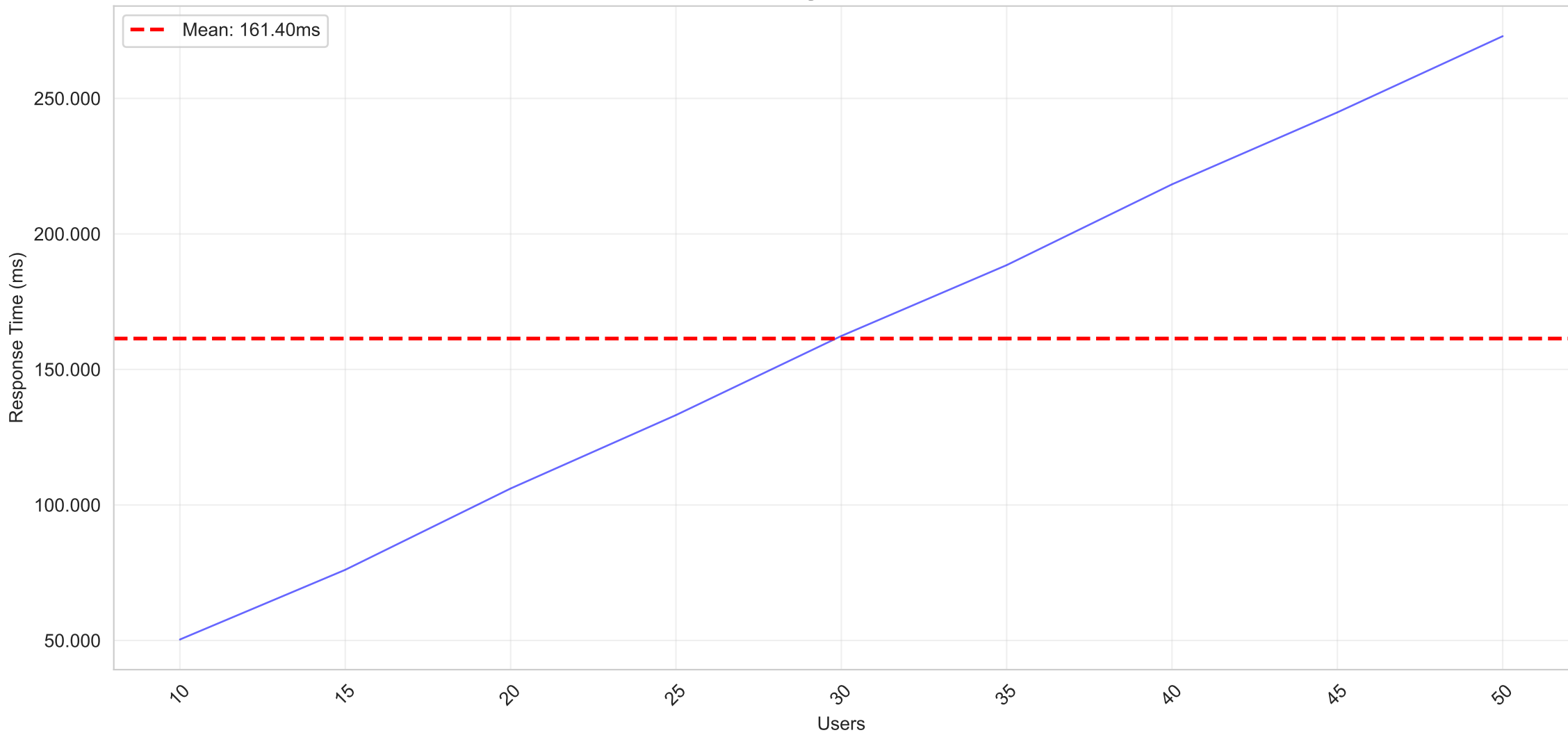


99% Latency Trend

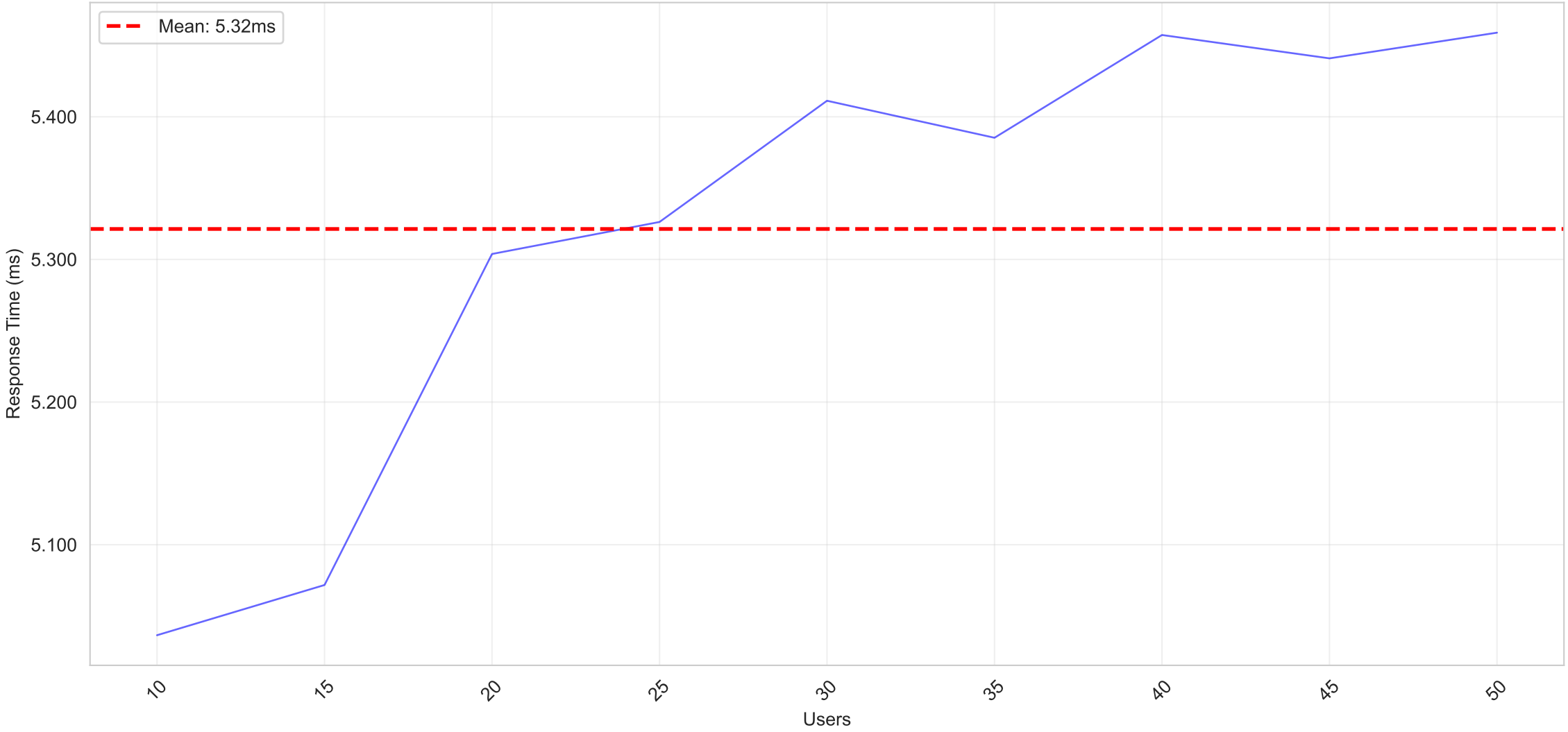
Mean: 0.25ms



Throughput Trend



Efficiency Trend



Test Score & Grade

Users	Latency-SLA	Throughput-Stablity	Latency-Stability	Efficiency-Drop	Weighted-Score	Grade
10	0	0	0	0	100	Excellent
15	0	0	0	0	100	Excellent
20	0	0	0	0	100	Excellent
25	0	0	0	0	100	Excellent
30	0	0	0	0	100	Excellent
35	0	0	0	0	100	Excellent
40	0	0	0	0	100	Excellent
45	0	0	0	0	100	Excellent
50	0	0	0	0	100	Excellent

Conclusion

System State: SCALING (No saturation detected)

Safe Concurrency: 50

Safe Throughput: 272.94716817726356

Saturation found: NA

****Notes:**

*****>: NA