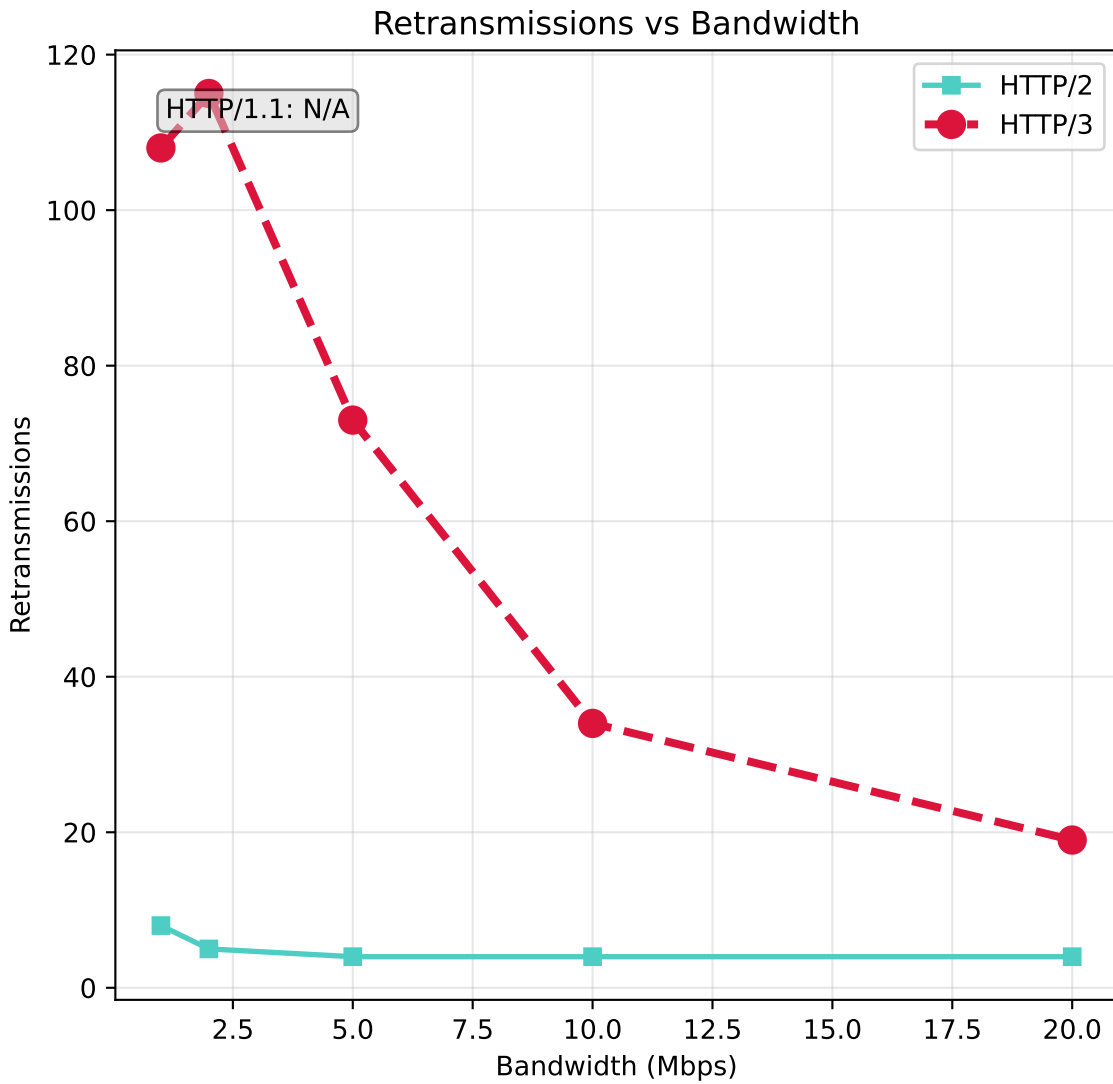
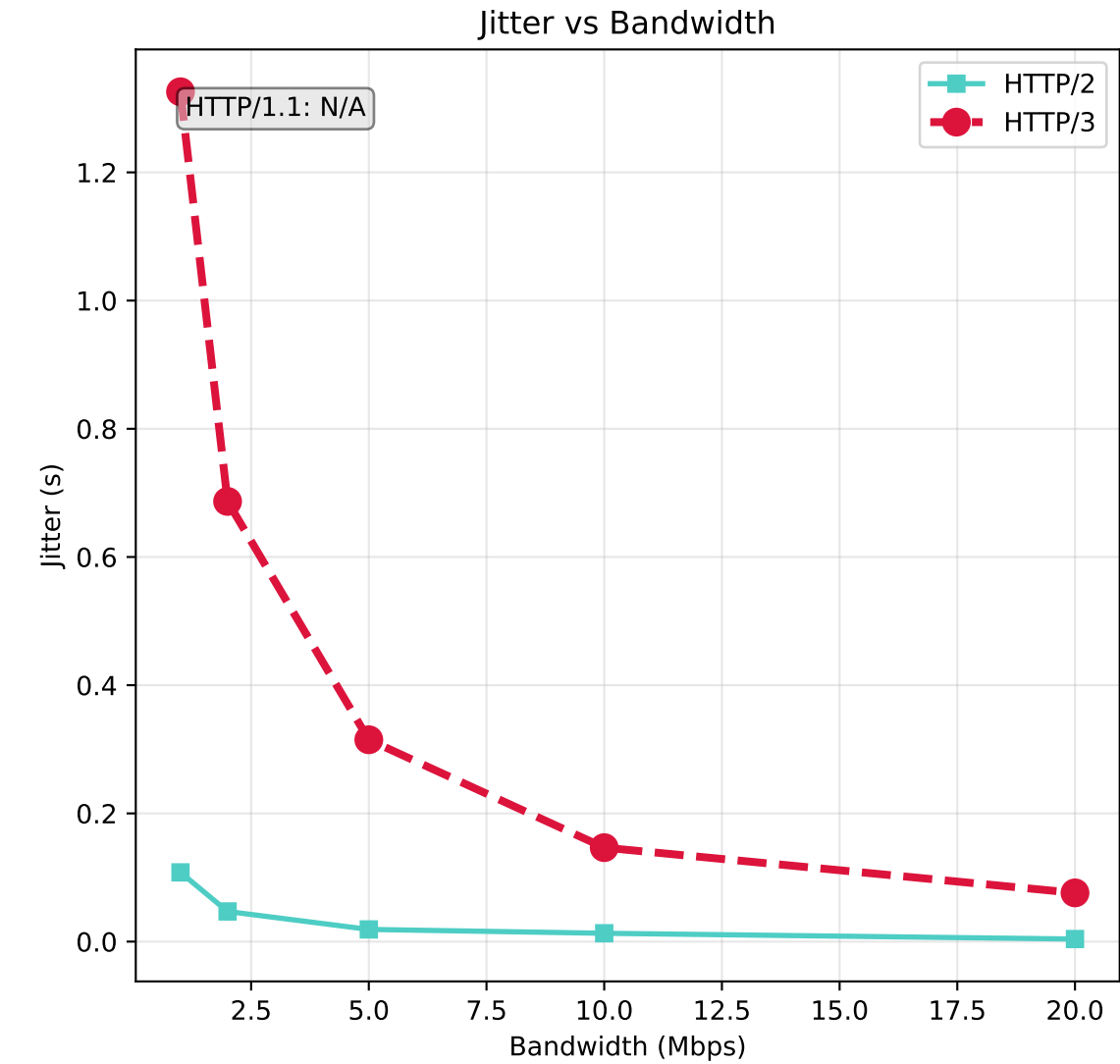
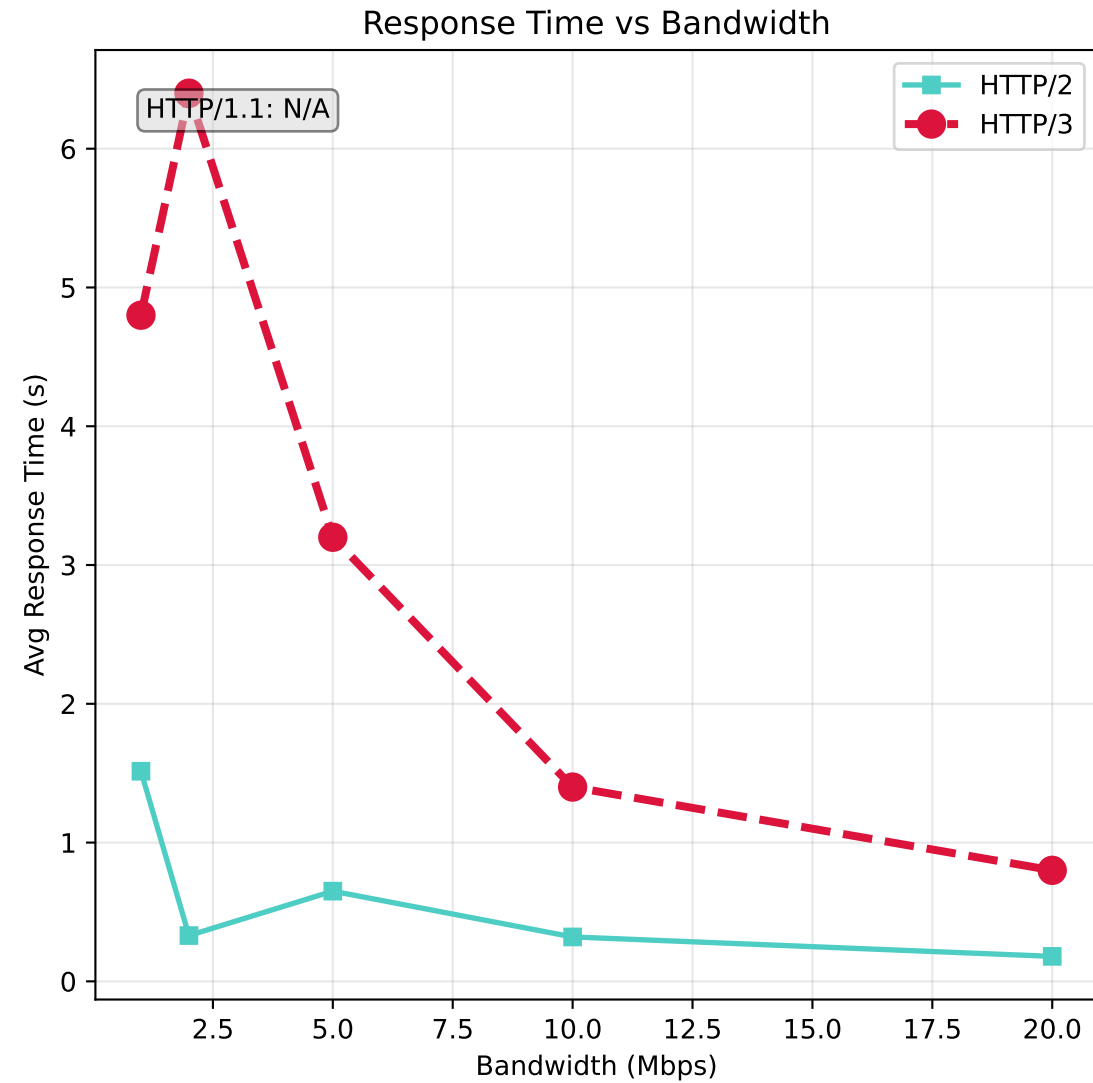
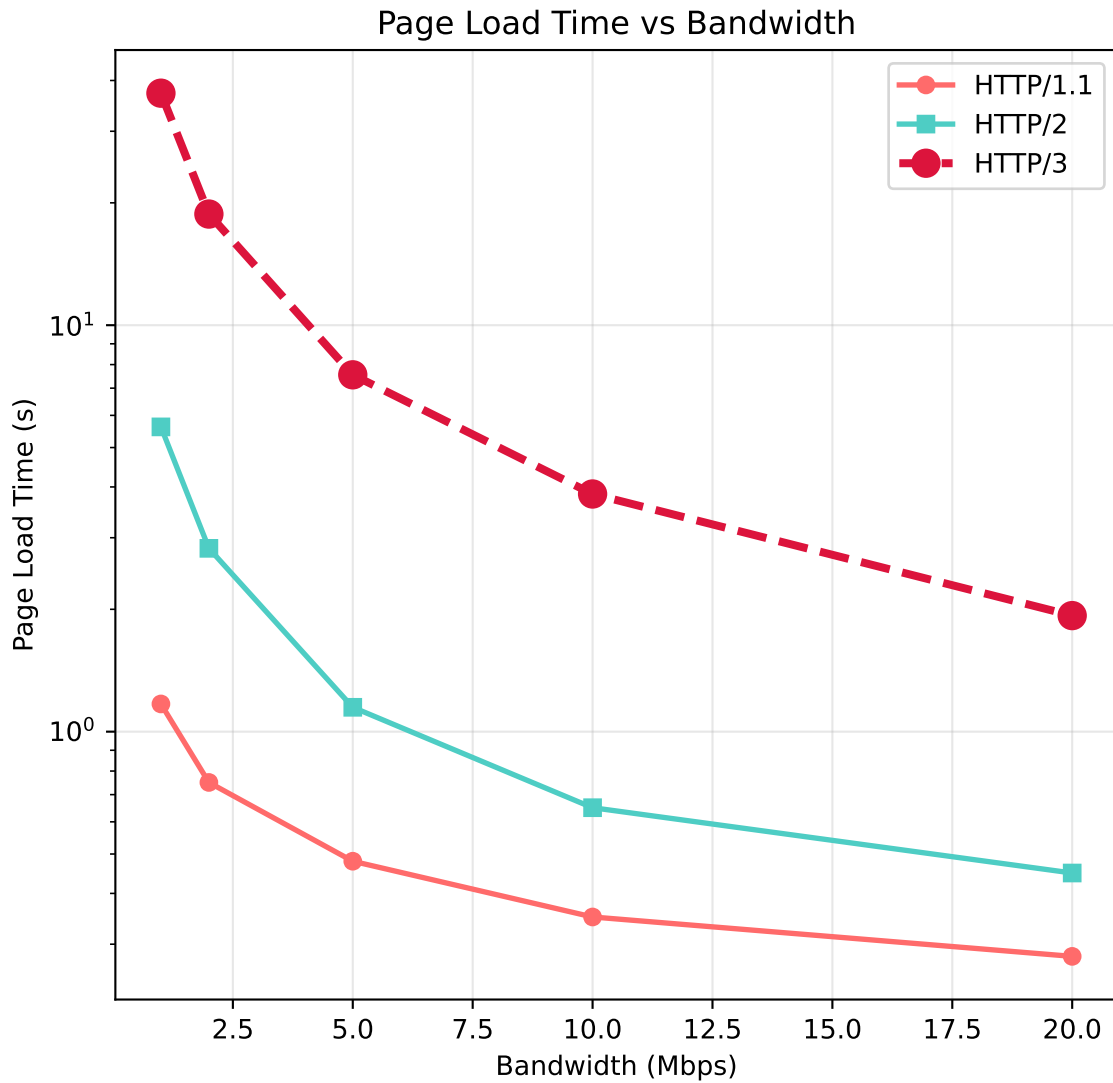
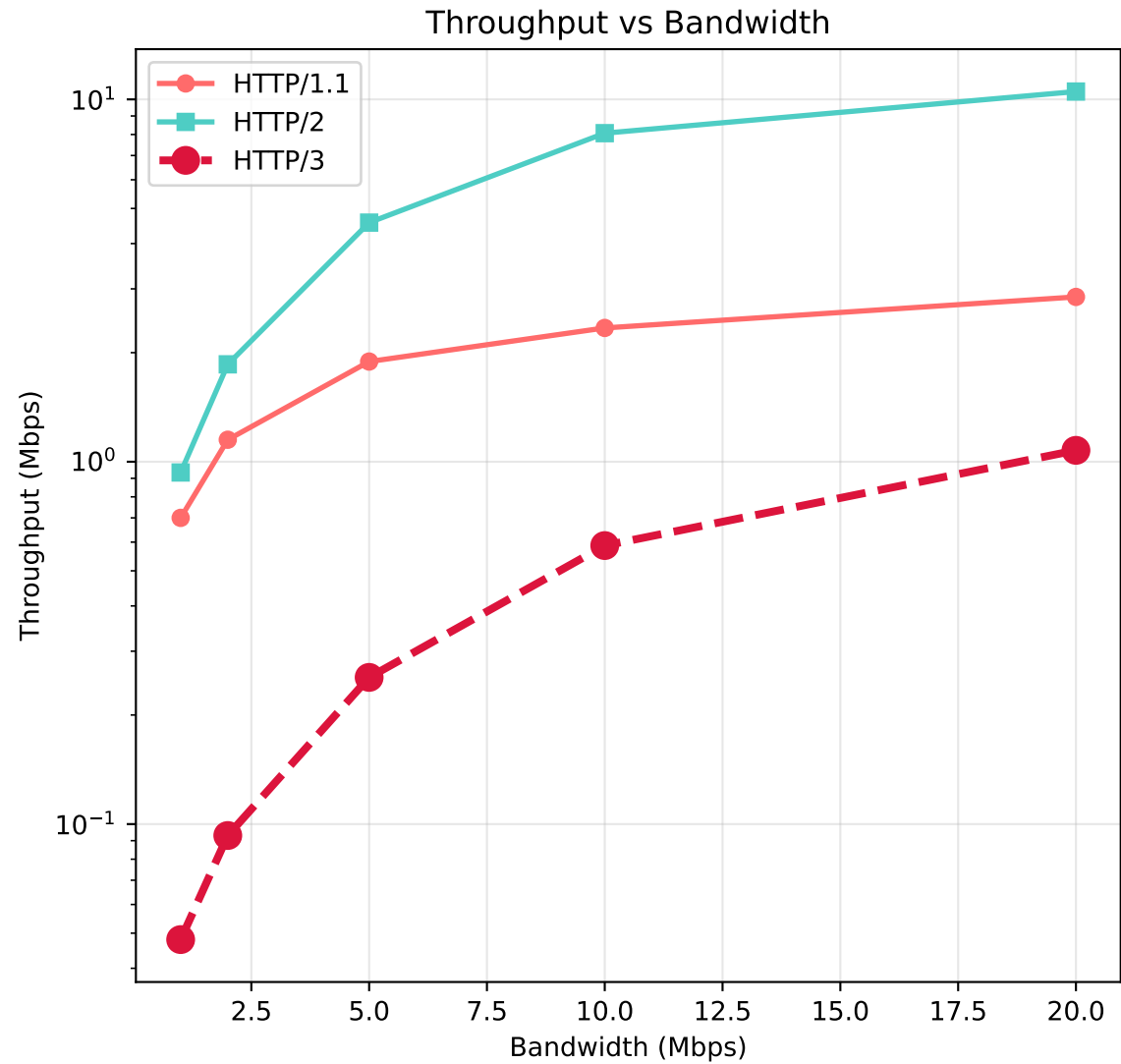


HTTP/1.1 vs HTTP/2 vs HTTP/3 Performance Comparison



Performance Summary:

HTTP/1.1:

- Avg Throughput: 1.79 Mbps
- Avg PLT: 0.61s

HTTP/2:

- Avg Throughput: 5.19 Mbps
- Avg PLT: 2.14s
- Avg Response Time: 0.60s
- Avg Jitter: 0.038s
- Avg Retransmissions: 5.0

HTTP/3:

- Avg Throughput: 0.41 Mbps
- Avg PLT: 13.86s
- Avg Response Time: 3.32s
- Avg Jitter: 0.510s
- Avg Retransmissions: 69.8

Key Differences:

- HTTP/3 shows improved throughput
- HTTP/2 multiplexing reduces HoL blocking
- QPACK (HTTP/3) vs HPACK (HTTP/2) compression
- UDP-based QUIC (HTTP/3) vs TCP (HTTP/1.1,2)