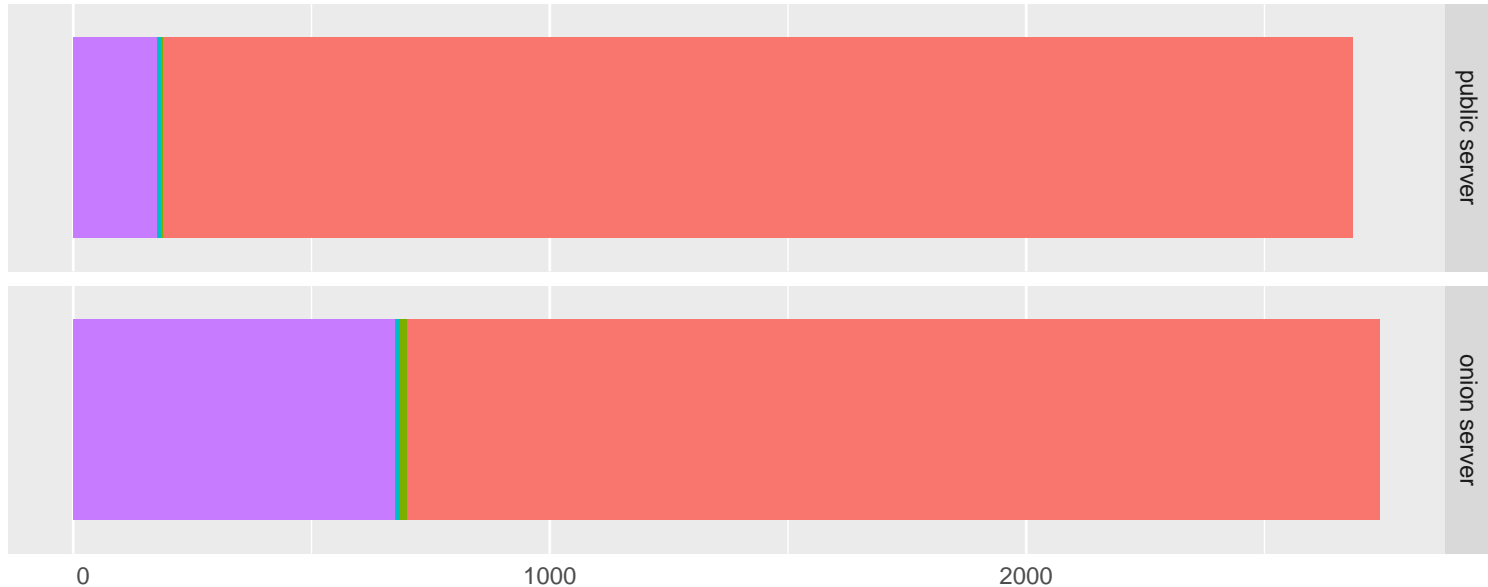


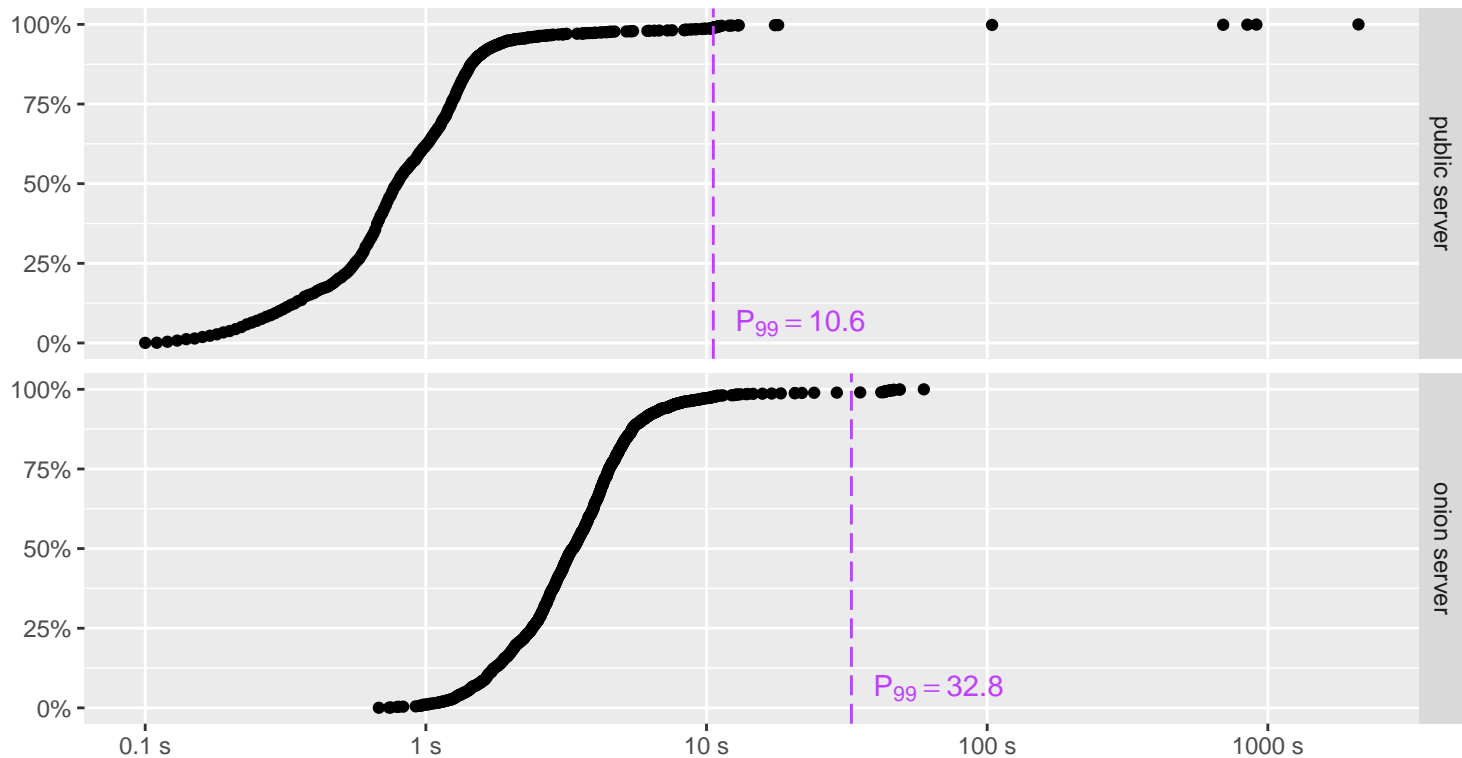
Total successes and failures

5 MiB bulk transfer, between 2018-11 and 2019-01



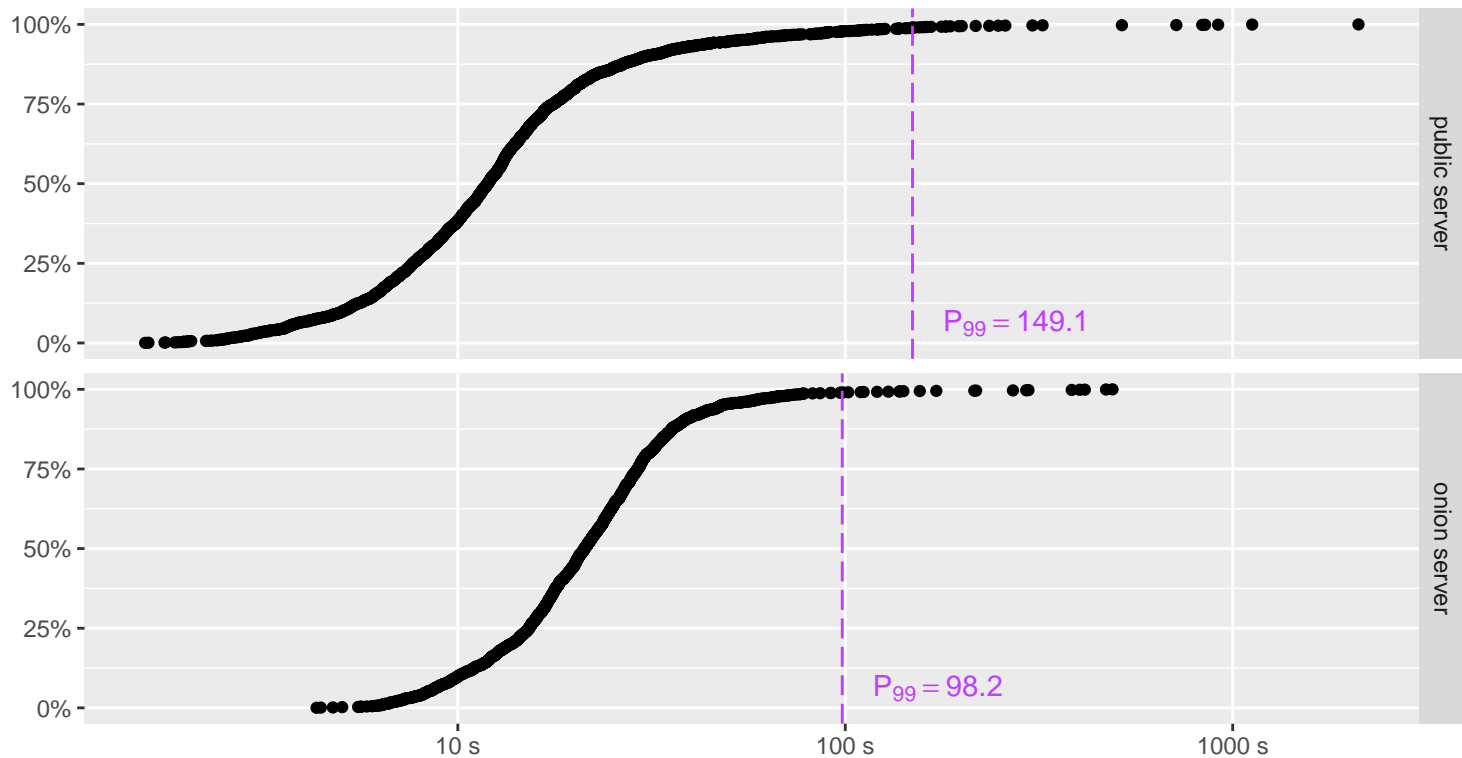
Time to first byte

5 MiB bulk transfer, between 2018-11 and 2019-01, successful measurements only



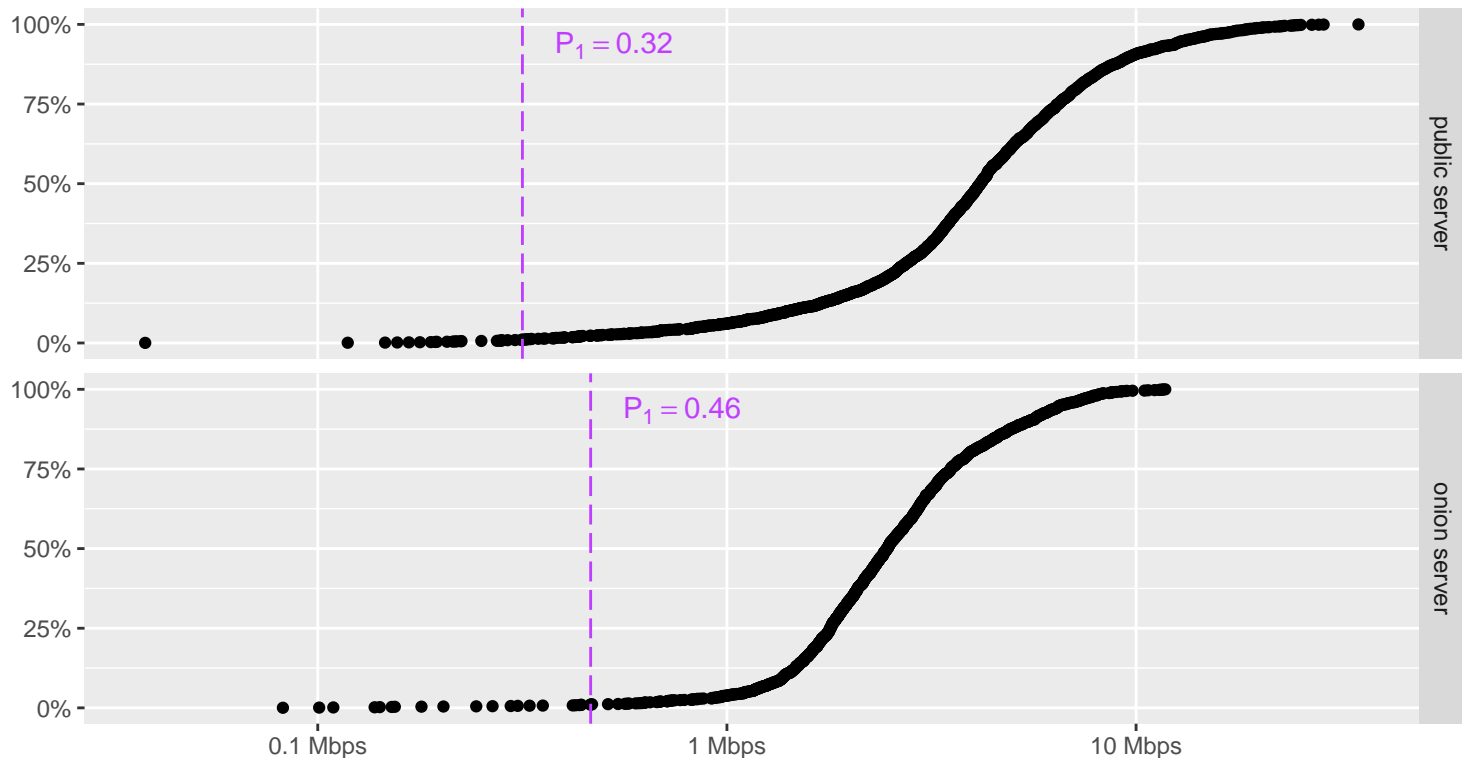
Time to last byte

5 MiB bulk transfer, between 2018-11 and 2019-01, successful measurements only



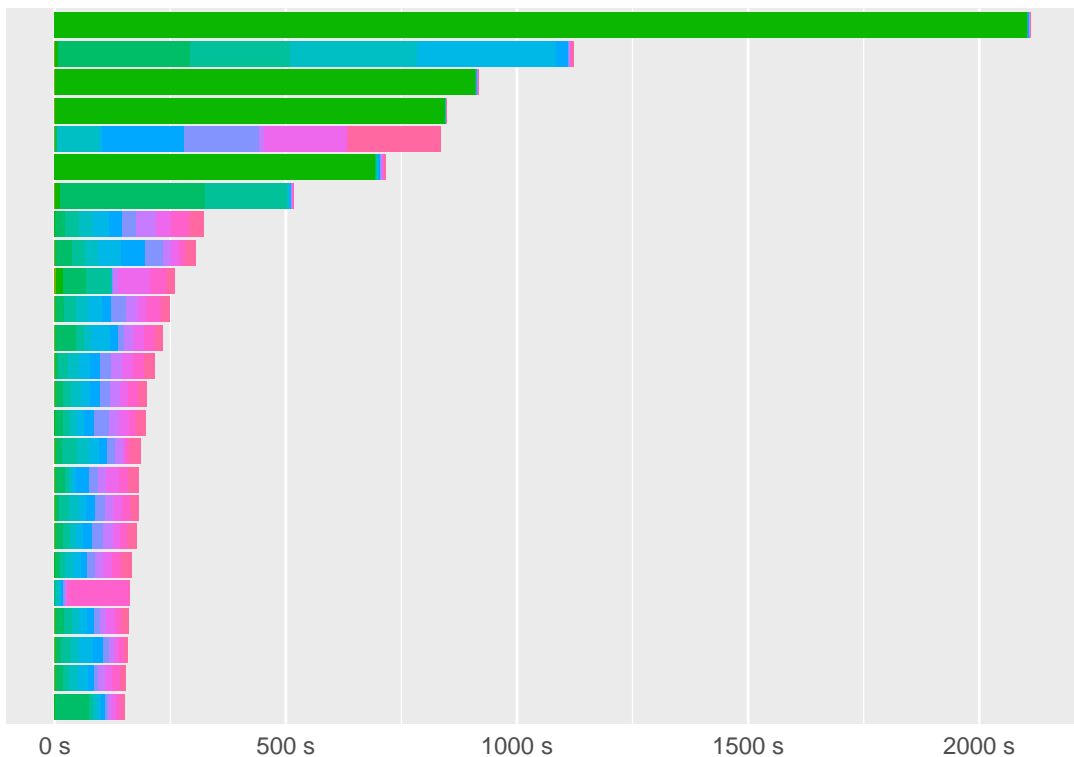
Average bandwidth during second half of download

5 MiB bulk transfer, between 2018-11 and 2019-01, successful measurements only



Slowest successful requests to public server

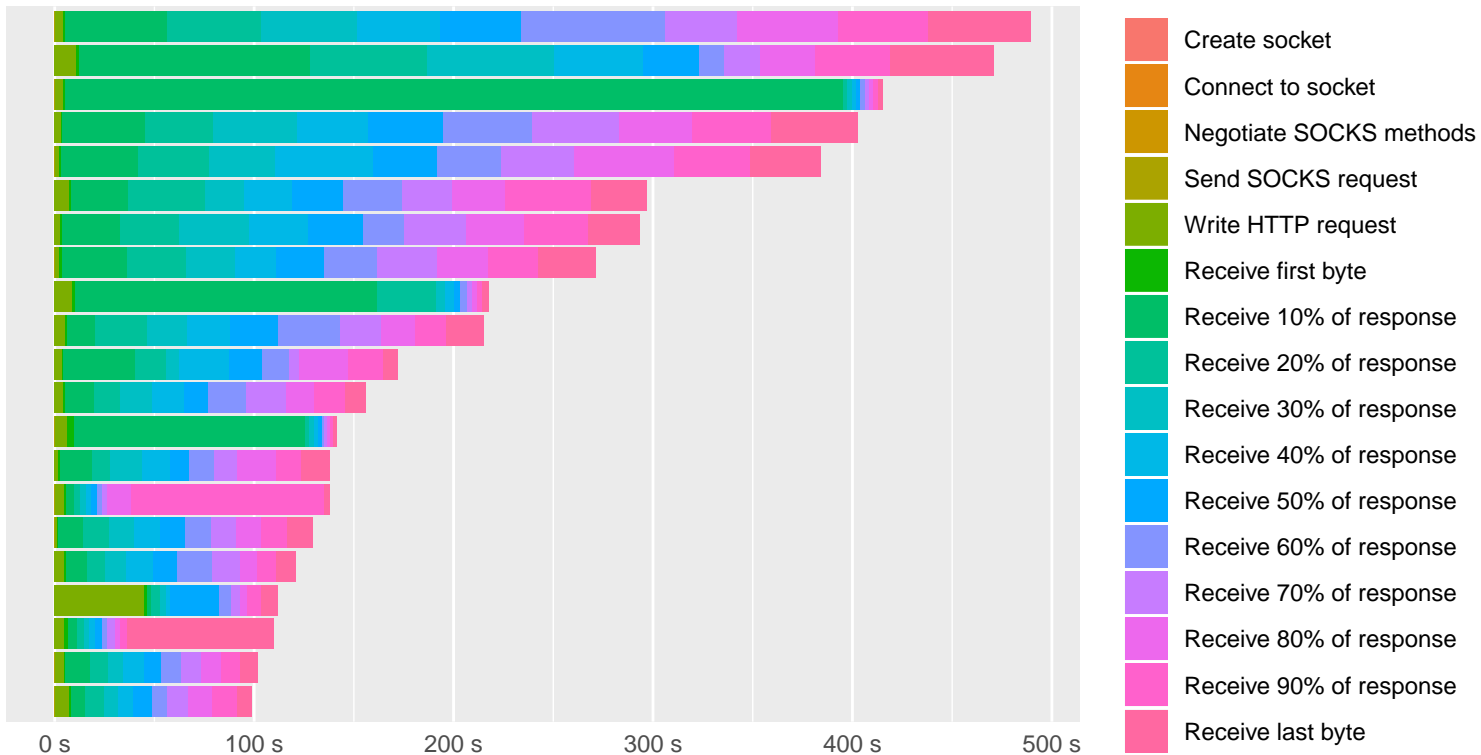
5 MiB bulk transfer, between 2018-11 and 2019-01, public server, slowest 1%



- Create socket
- Connect to socket
- Negotiate SOCKS methods
- Send SOCKS request
- Write HTTP request
- Receive first byte
- Receive 10% of response
- Receive 20% of response
- Receive 30% of response
- Receive 40% of response
- Receive 50% of response
- Receive 60% of response
- Receive 70% of response
- Receive 80% of response
- Receive 90% of response
- Receive last byte

Slowest successful requests to onion server

5 MiB bulk transfer, between 2018-11 and 2019-01, onion server, slowest 1%



Time to last byte by smallest consensus weight in path

5 MiB bulk transfer, between 2018-11 and 2019-01

