Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

X-axis: Sum of Relays' Goodput (Gbit/s)
Y-axis: CDF

Figure: CDF (tail log scale) of exit Circuit Build Time (s)

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

X-axis: exit Circuit Round Trip Time (s)
Y-axis: CDF (tail log scale)

Figure: CDF (tail log scale) vs. exit Transfer Time (s): Bytes=51200

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

CDF (tail log scale) vs exit Transfer Time (s): Bytes=1048576

Figure: CDF (tail log scale) vs. exit Client Transfer Goodput (Mbit/s): 4 to 5 MiB

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

Figure: CDF plot of exit Transfer Error Rate (%): Type=ALL

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

onionservice Transfer Time (s): Bytes=1048576

CDF (tail log scale)

onionservice Client Transfer Goodput (Mbit/s): 0.5 to 1 M

onionservice Client Transfer Goodput (Mbit/s): 4 to 5 Mi