```
BENCHMARK:              echoBenchmark

run ID:                 YiHEF
Timestamp:              2019-11-29 17:22:55
HELICS version:         2.3.1
generator:              Unix Makefiles
system:                 Linux
system version:         4.15.0-1052-aws:
platform:
C++ compiler:           GNU
C++ compiler version:   9.2.1
compiler string:          -O3 -DNDEBUG  $<$<COMPILE_LANGUAGE:CXX>:-std=c++14>
host name:              51a4833c3edd
host processor:         x86_64
CPU core count:         36
processor speed (MHz):  3351
```
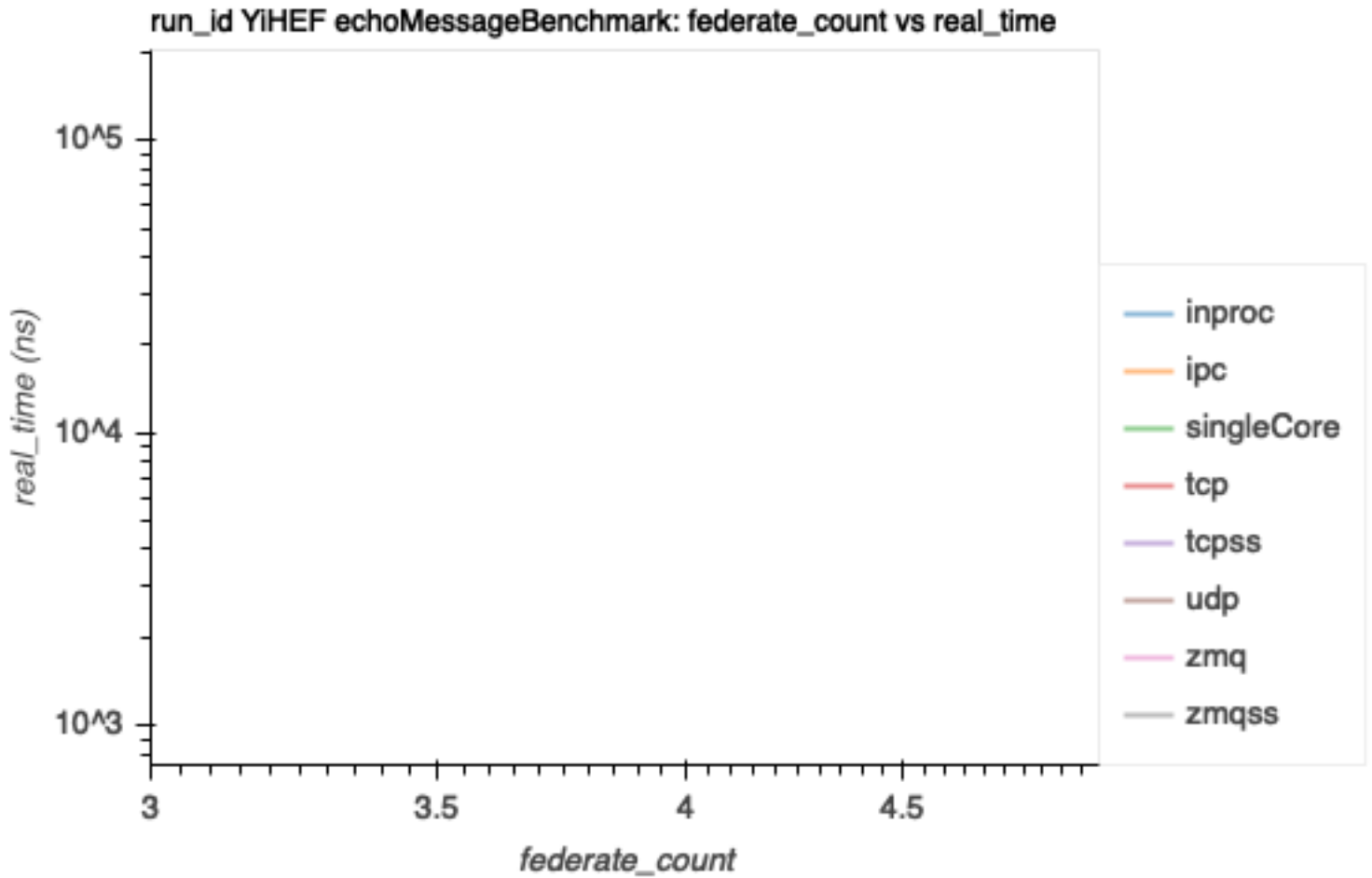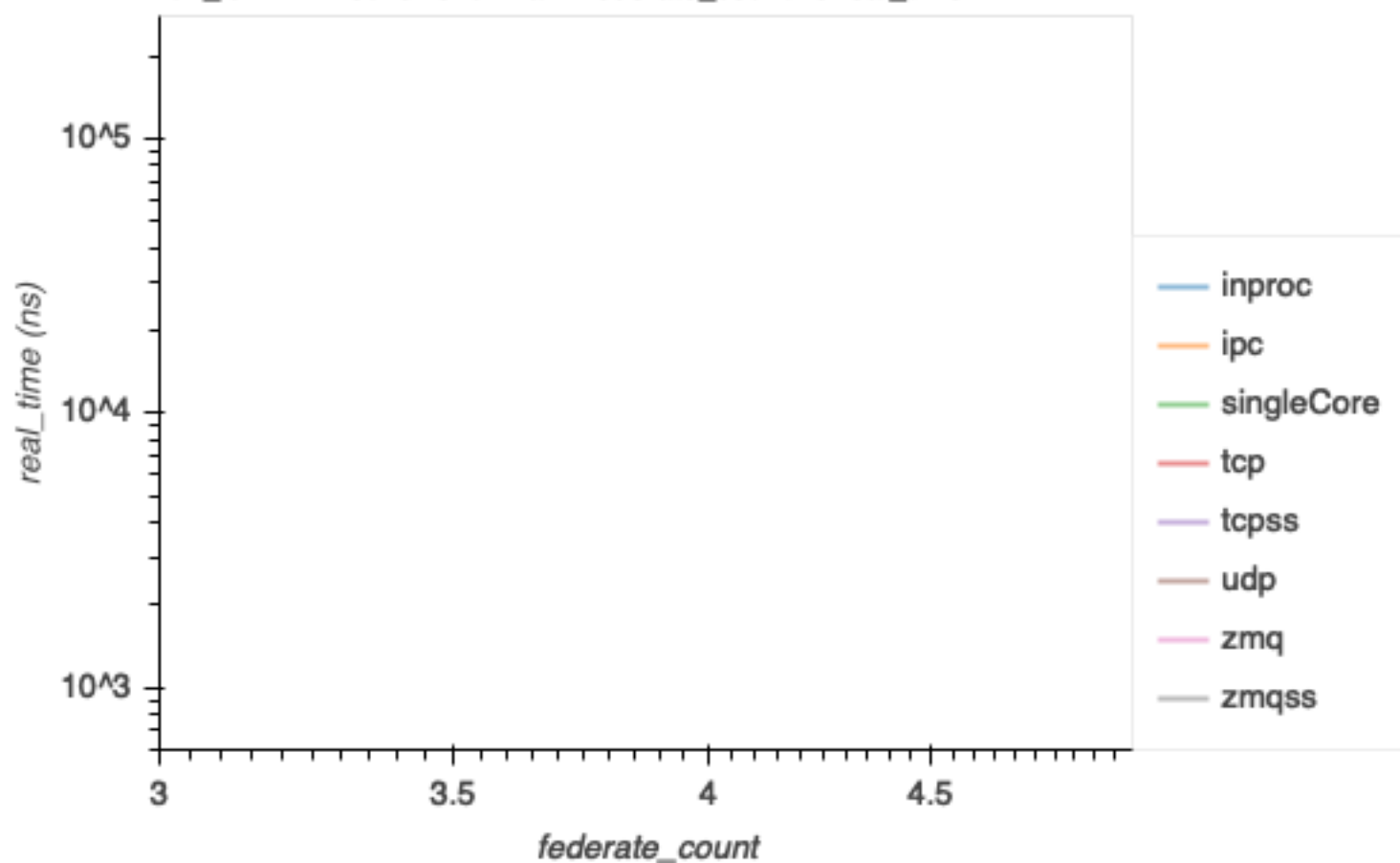

run_id YiHEF echoMessageBenchmark: federate_count vs real_time

Legend: inproc, ipc, singleCore, tcp, tcpss, udp, zmq, zmqss

run_id YiHEF echoBenchmark: federate_count vs real_time

real_time (ns)

10^5

10^4

10^3

3   3.5   4   4.5

federate_count

inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss

run_id YiHEF messageLookupBenchmark: federate_count vs real_time

real_time (ns)

3500
3000
2500
2000
1500
1000

500

2   8   64

federate_count