

Cross-run-ID Comparison Report

(differences in bold)

DATE:

Zu60n: 12/02/19 10:07:50

aUZF6: 12/02/19 15:33:17

HELICS_VERSION:

Zu60n: 2.3.1

aUZF6: 2.3.1

GENERATOR:

Zu60n: Visual Studio 16 2019

aUZF6: Visual Studio 15 2017

SYSTEM:

Zu60n: Windows

aUZF6: Windows

SYSTEM_VERSION:

Zu60n: 10.0.17763

aUZF6: 10.0.16299

PLATFORM:

Zu60n: x64

aUZF6: x64

CXX_COMPILER:

Zu60n: MSVC

aUZF6: MSVC

CXX_COMPILER_VERSION:

Zu60n: 19.23.28106.4

aUZF6: 19.12.25835.0

BUILD_FLAGS_STRING:

Zu60n: /DWIN32 /D_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14

aUZF6: /DWIN32 /D_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14

HOST_NAME:

Zu60n: HERSCHEL

aUZF6: STEADMAN

HOST_PROCESSOR:

Zu60n: AMD64

aUZF6: AMD64

NUM_CPUS:

Zu60n: 8

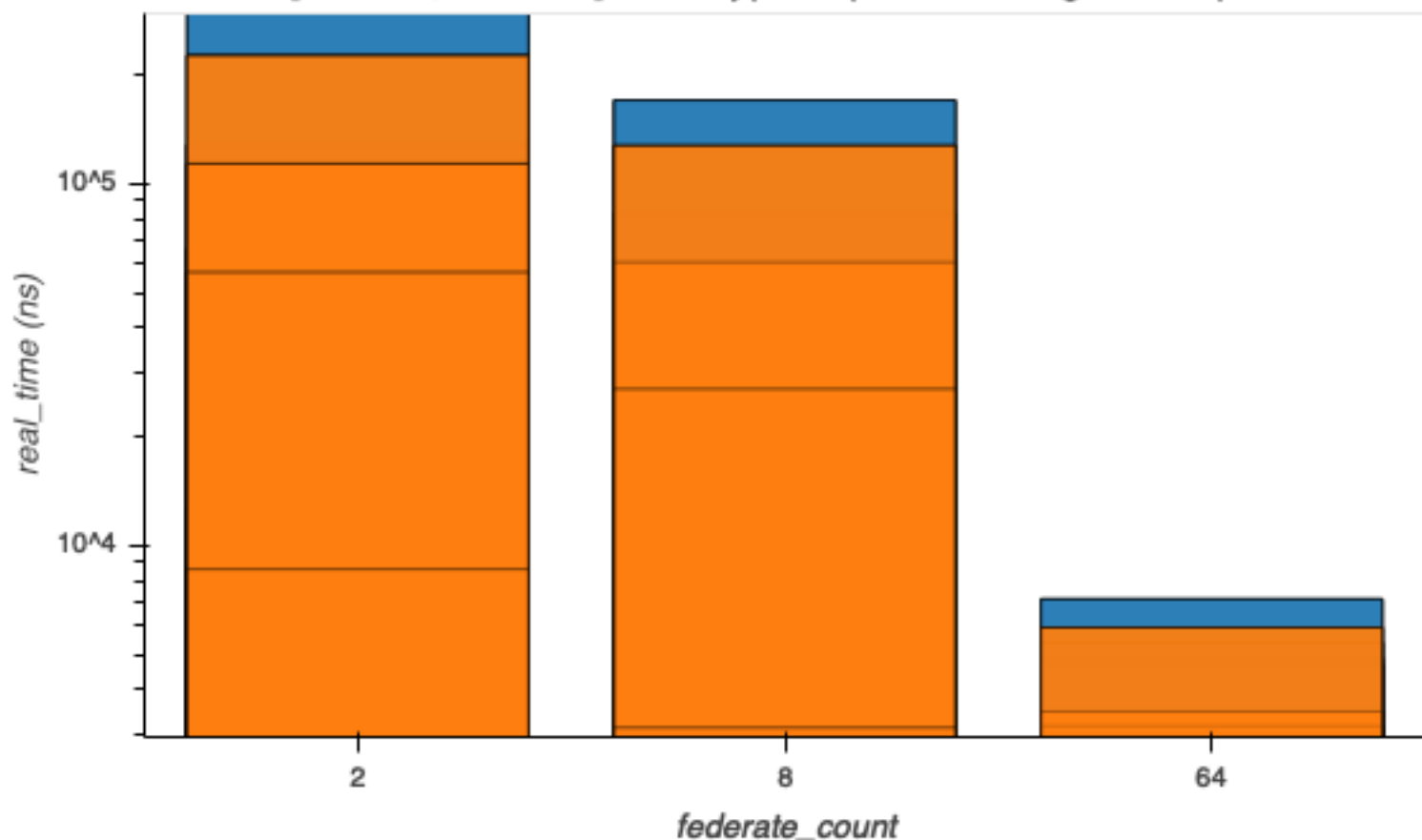
aUZF6: 8

MHZ_PER_CPU:

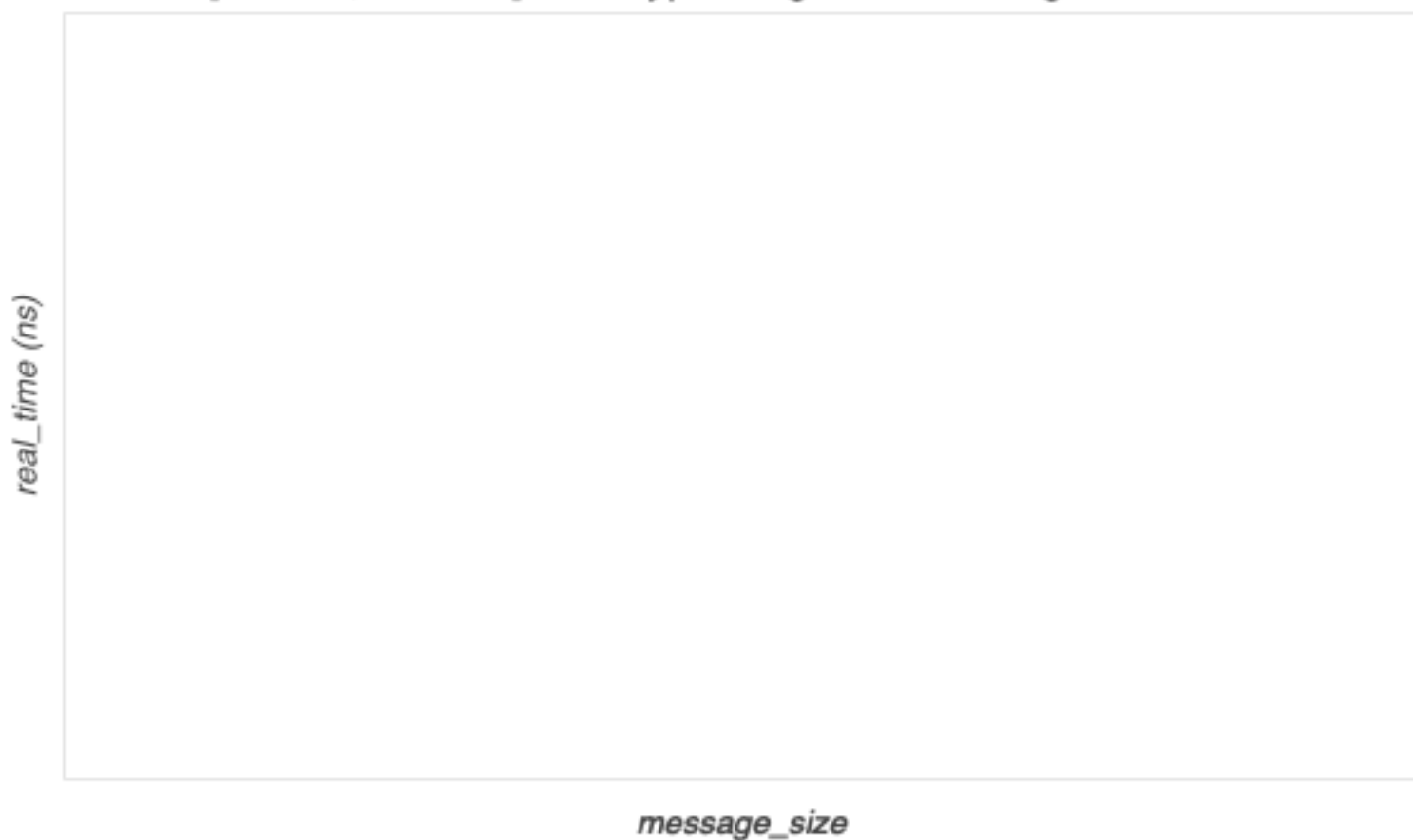
Zu60n: 2295

aUZF6: 3492

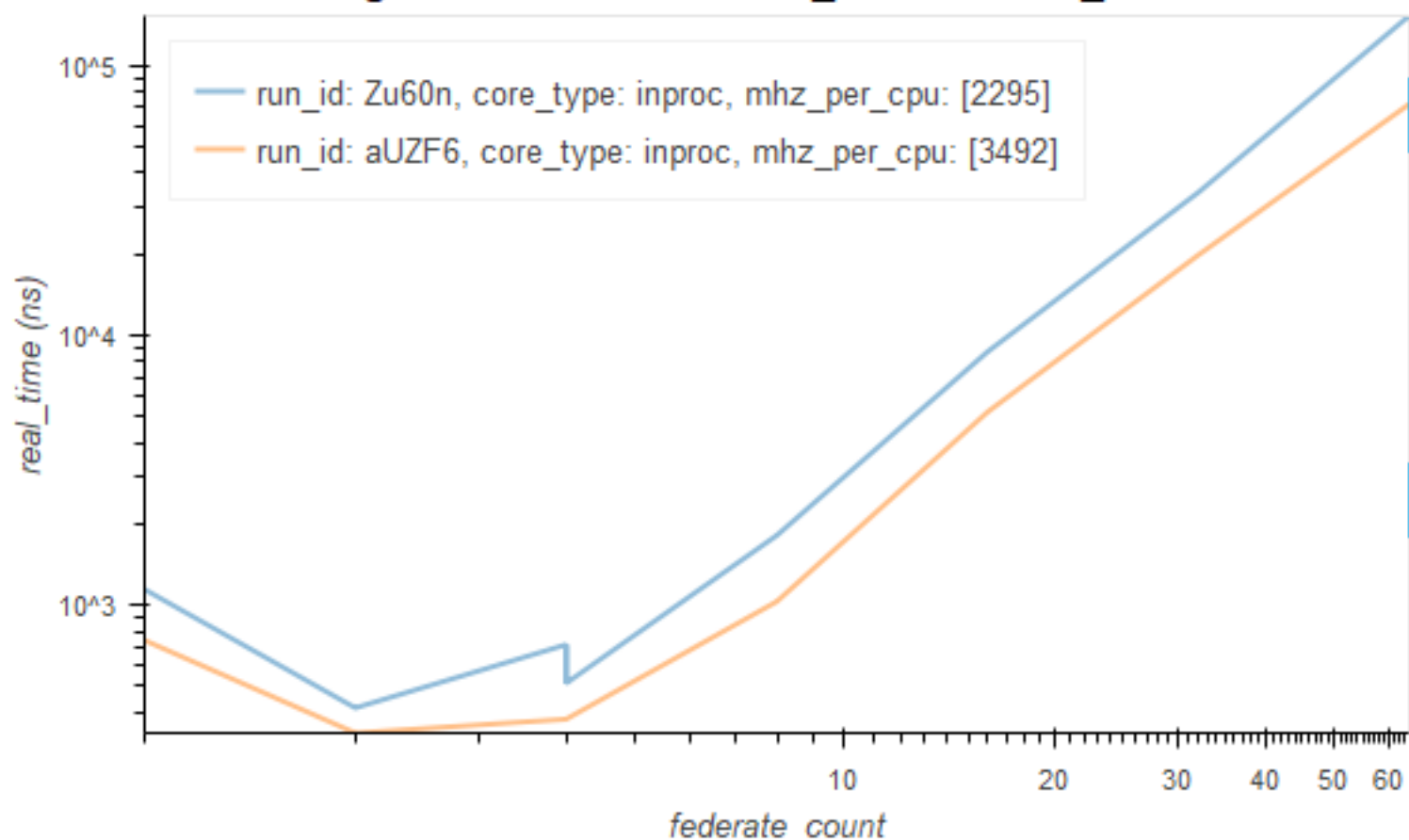
run_ids ['Zu60n', 'aUZF6'] core_type: inproc messageLookupBenchmark



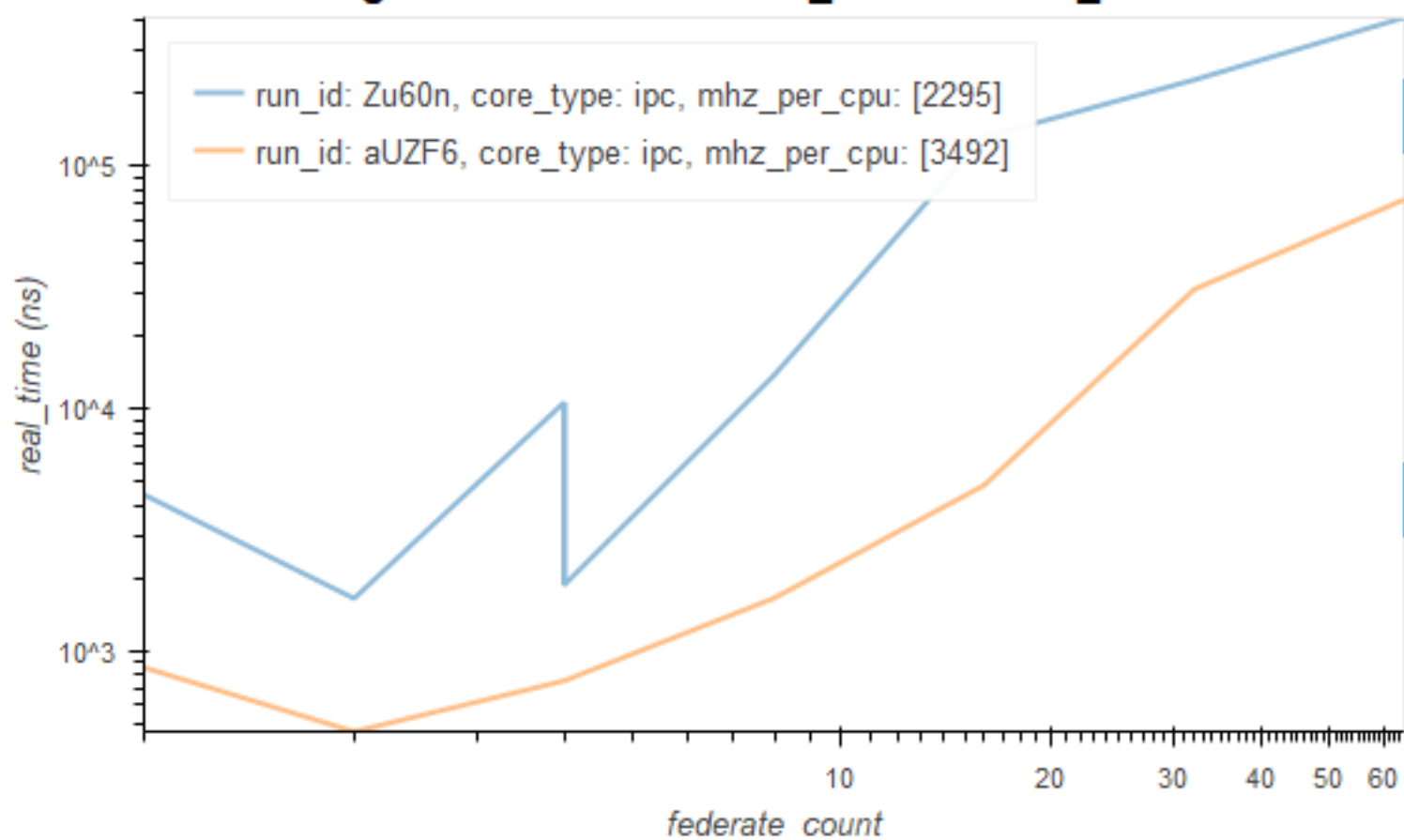
run_ids ['Zu60n', 'aUZF6'] core_type: singleFed messageSendBenchmark: m



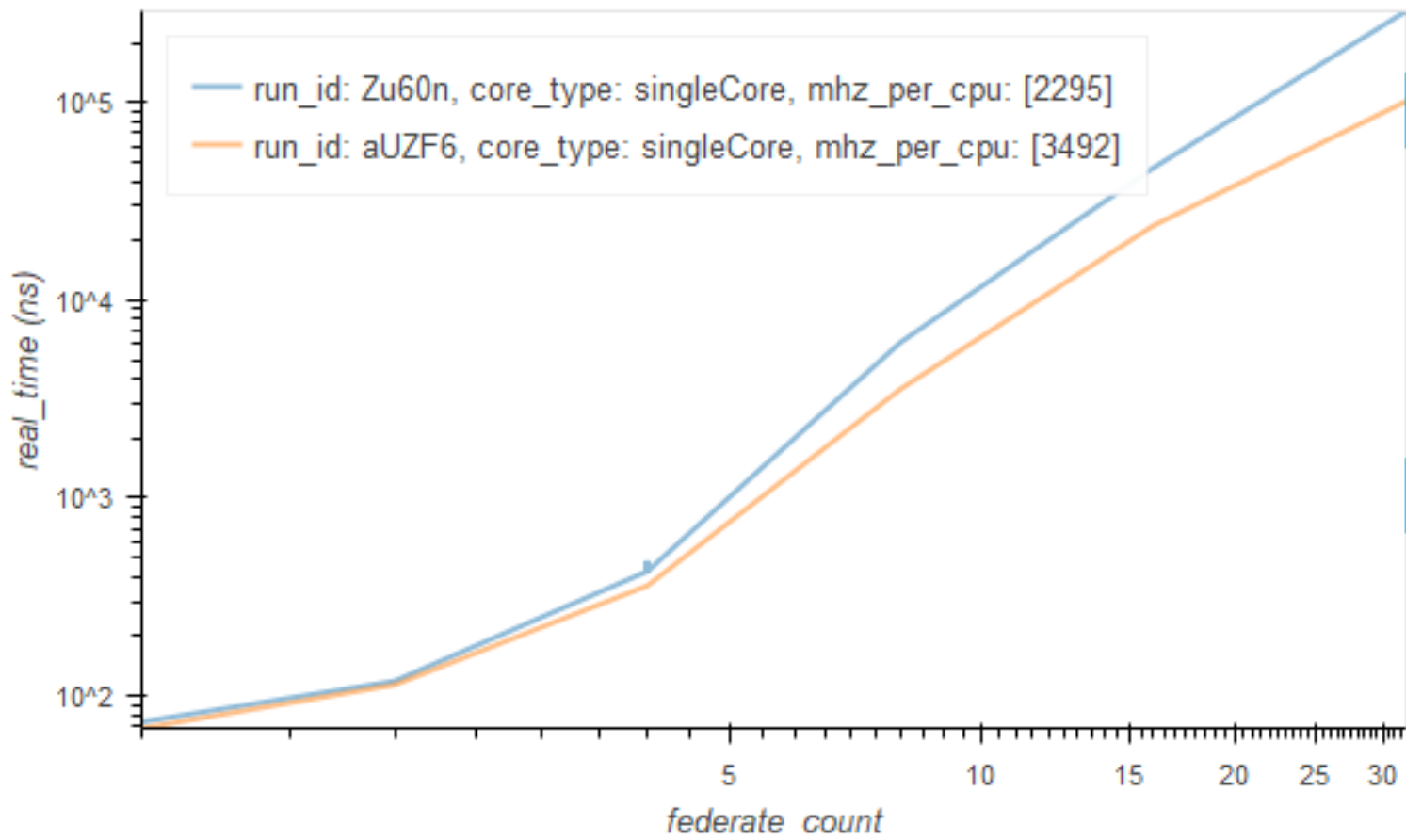
echoMessageBenchmark: federate_count vs real_time



echoMessageBenchmark: federate_count vs real_time



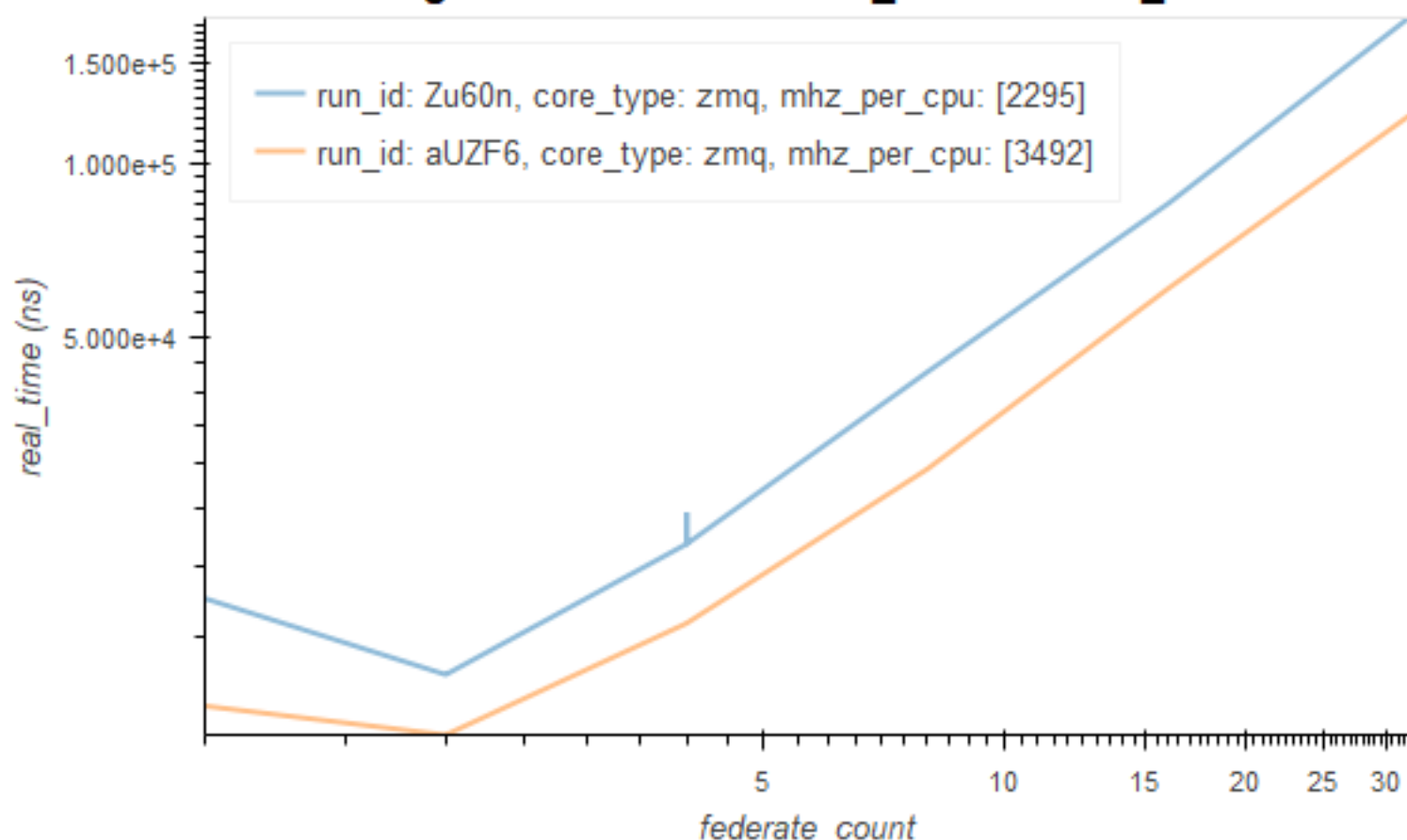
echoMessageBenchmark: federate_count vs real_time



echoMessageBenchmark: federate_count vs real_time



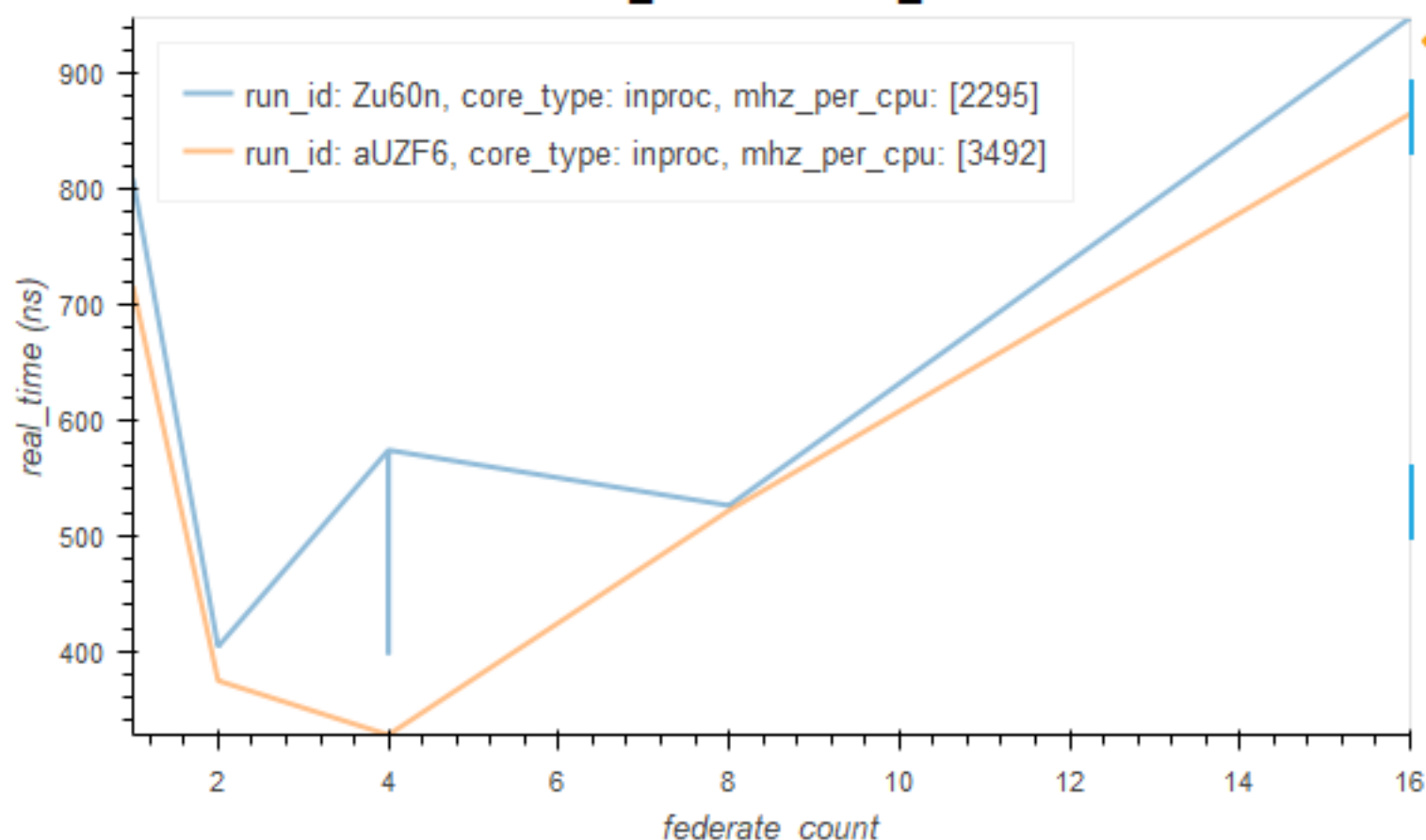
echoMessageBenchmark: federate_count vs real_time



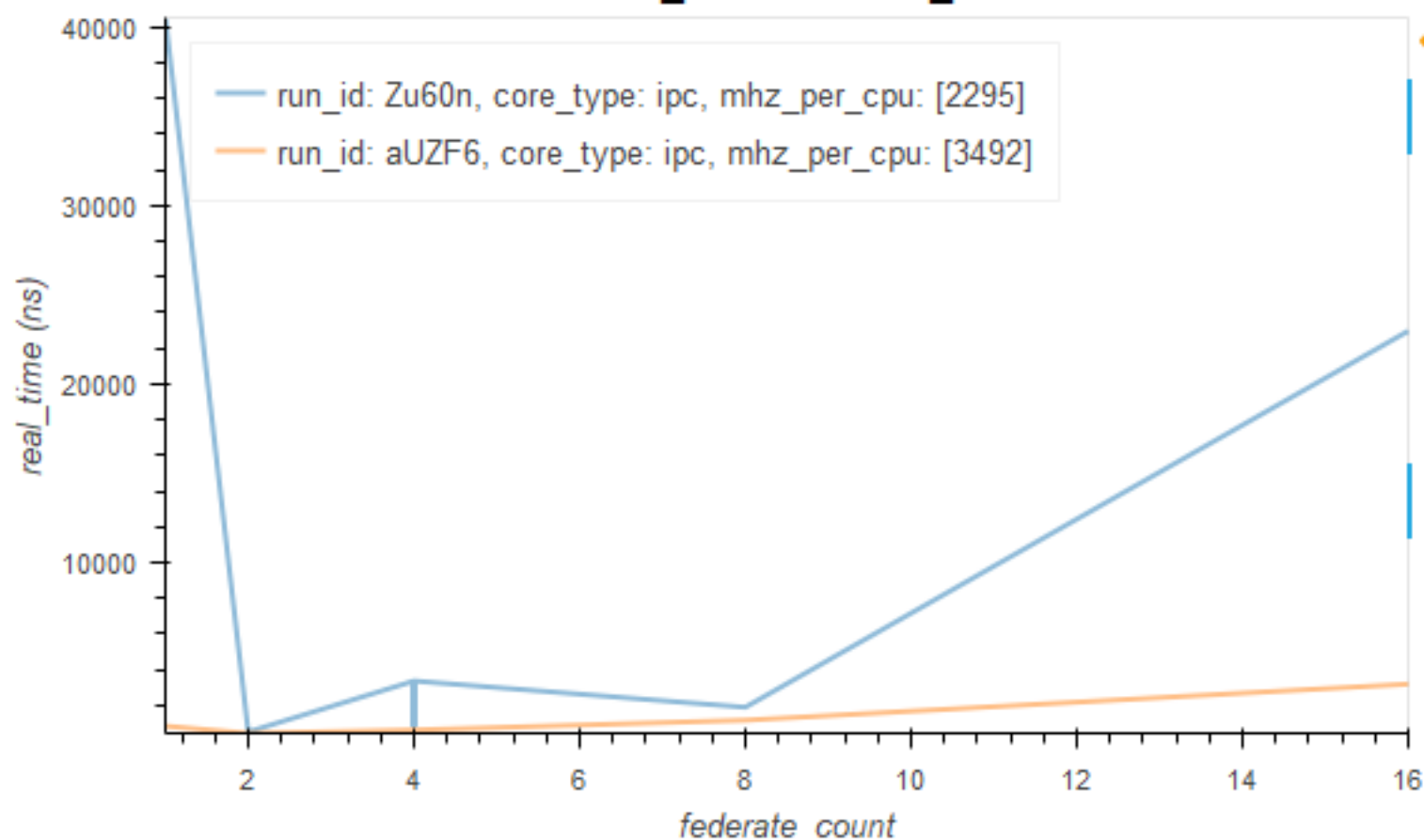
echoMessageBenchmark: federate_count vs real_time



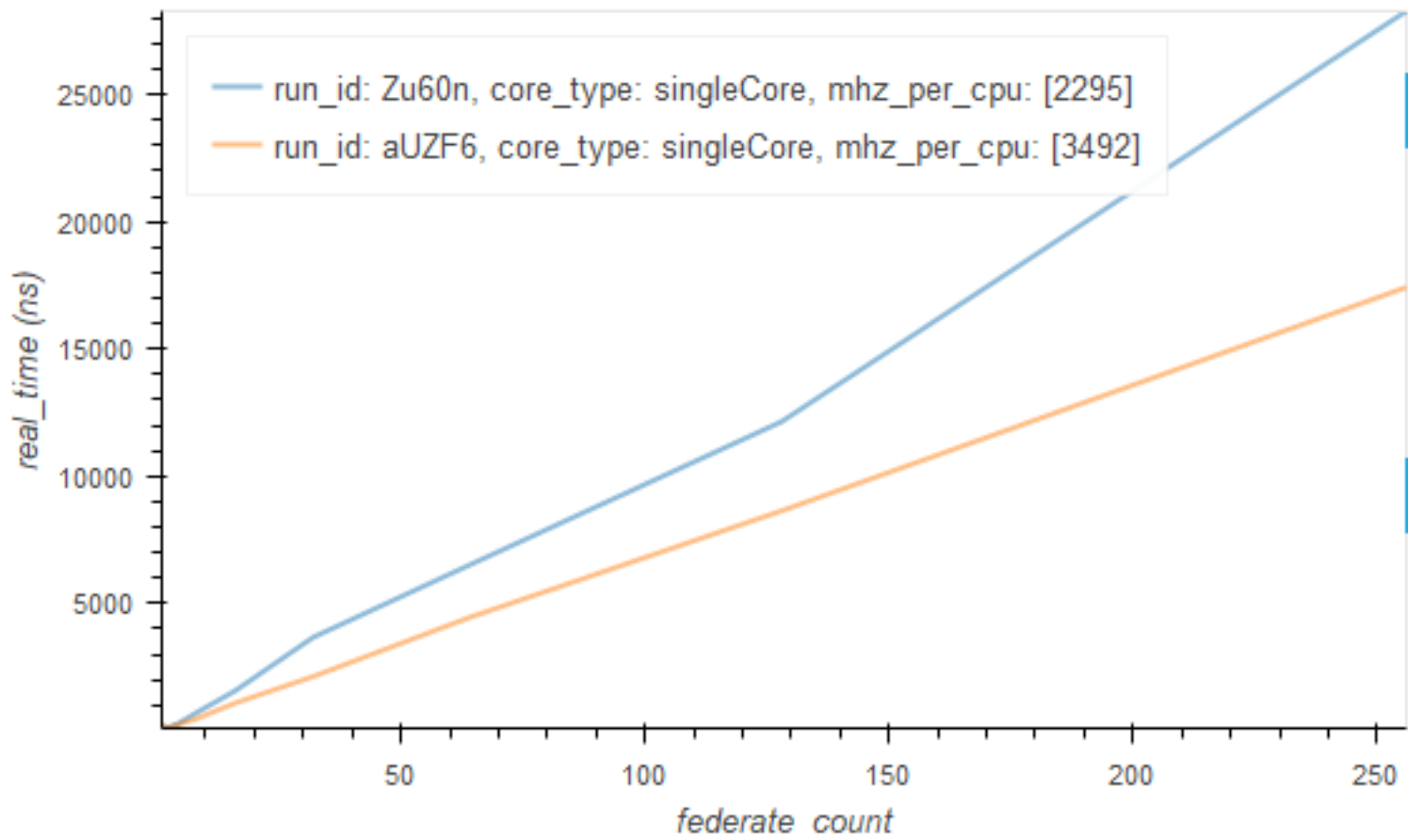
echoBenchmark: federate_count vs real_time



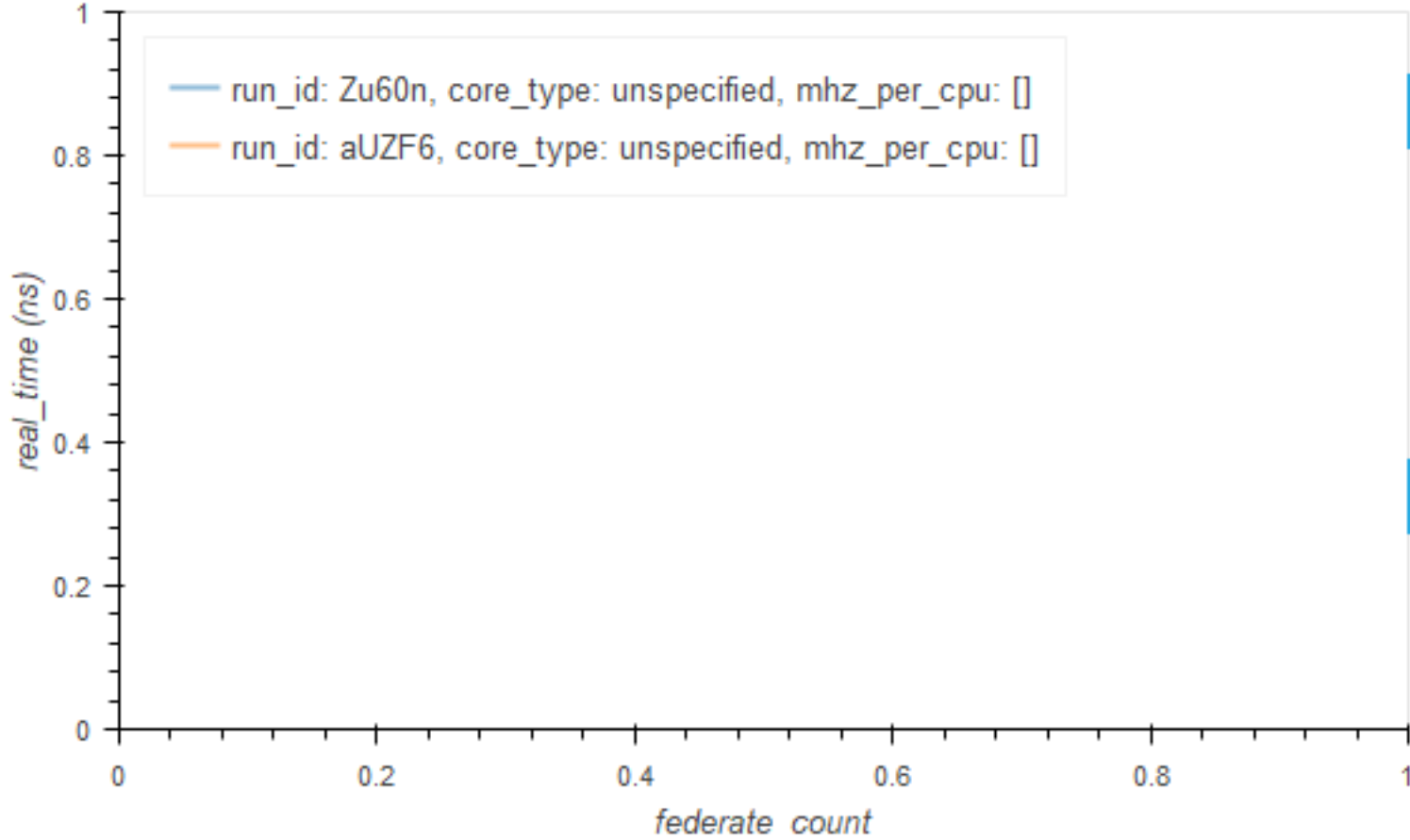
echoBenchmark: federate_count vs real_time



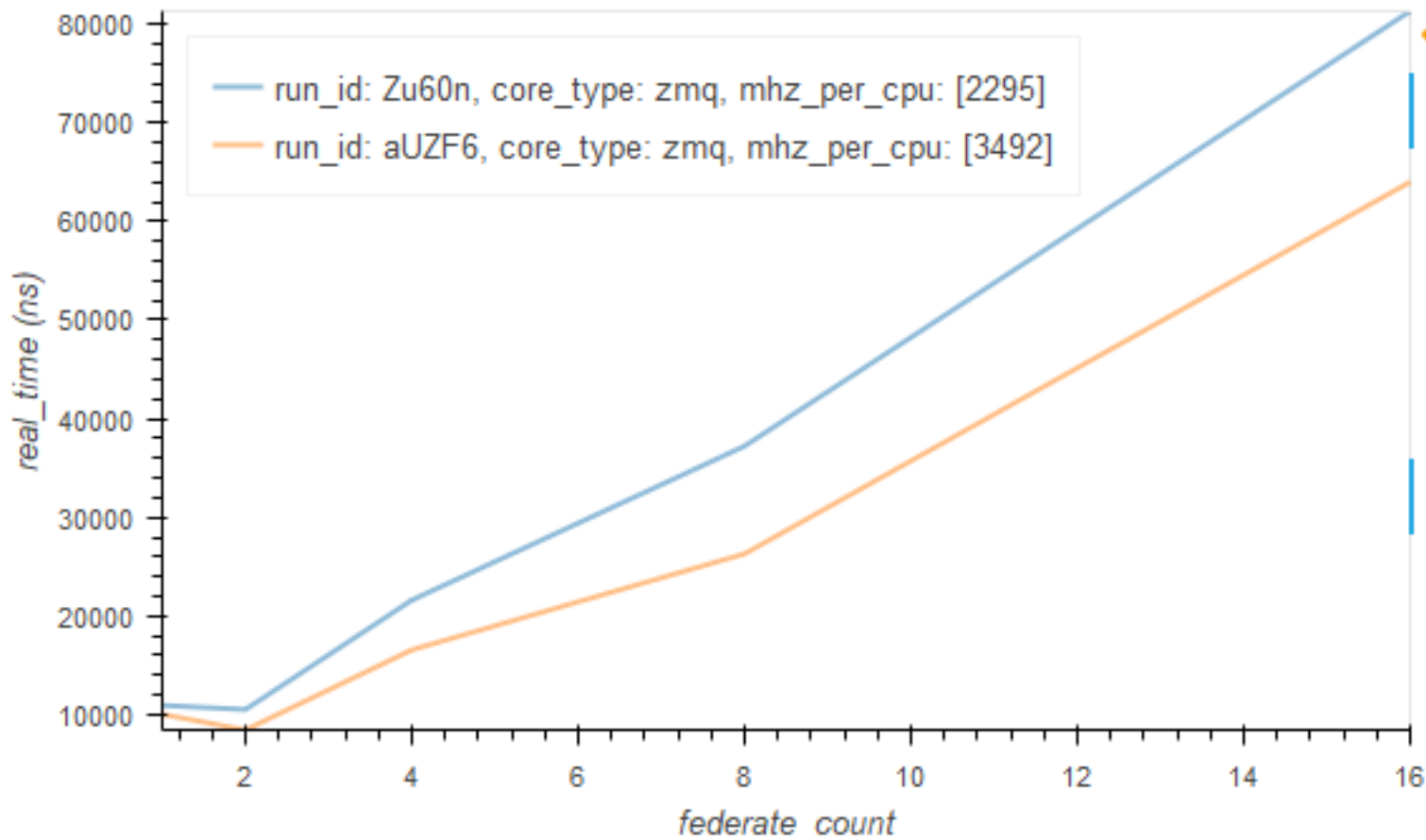
echoBenchmark: federate_count vs real_time



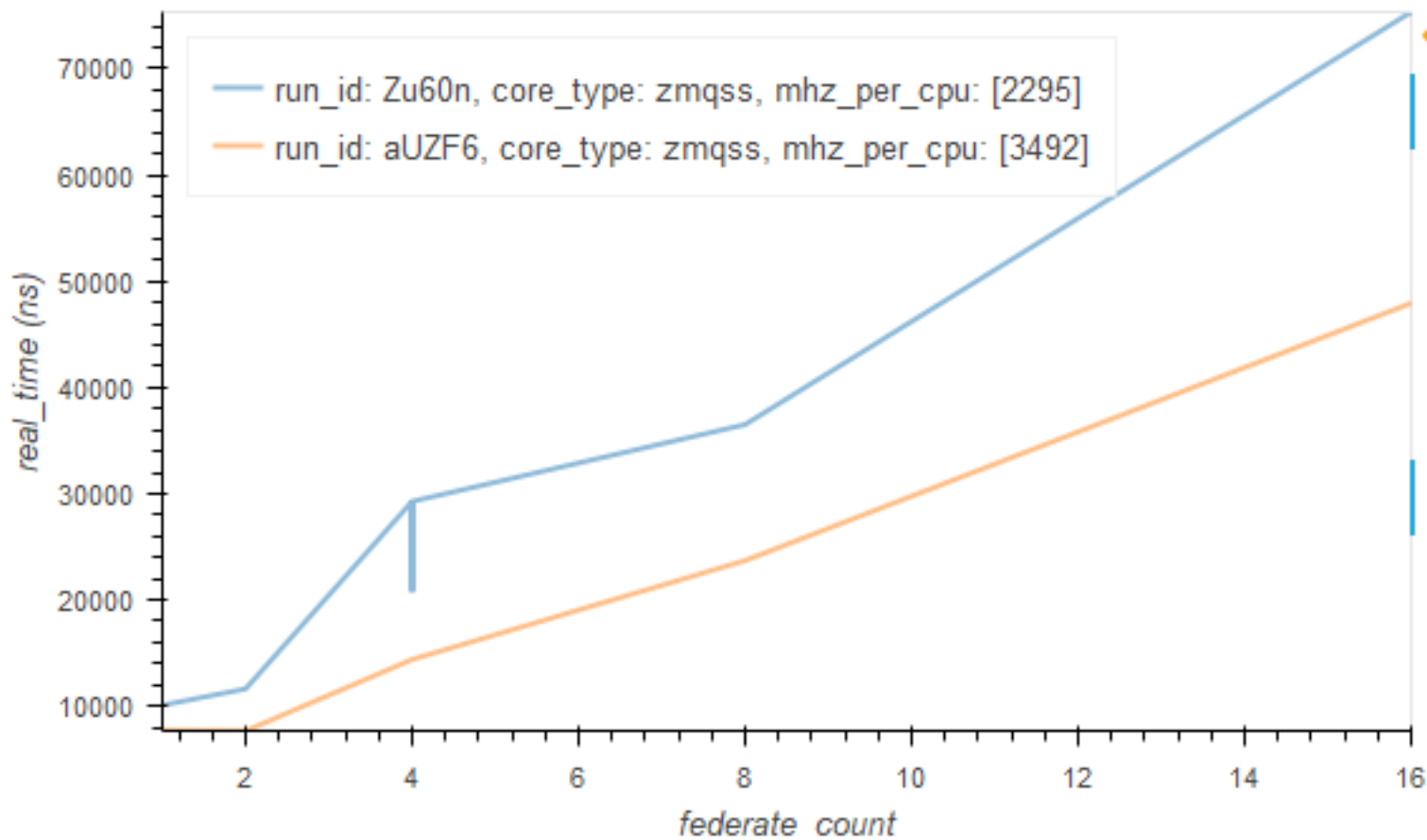
echoBenchmark: federate_count vs real_time



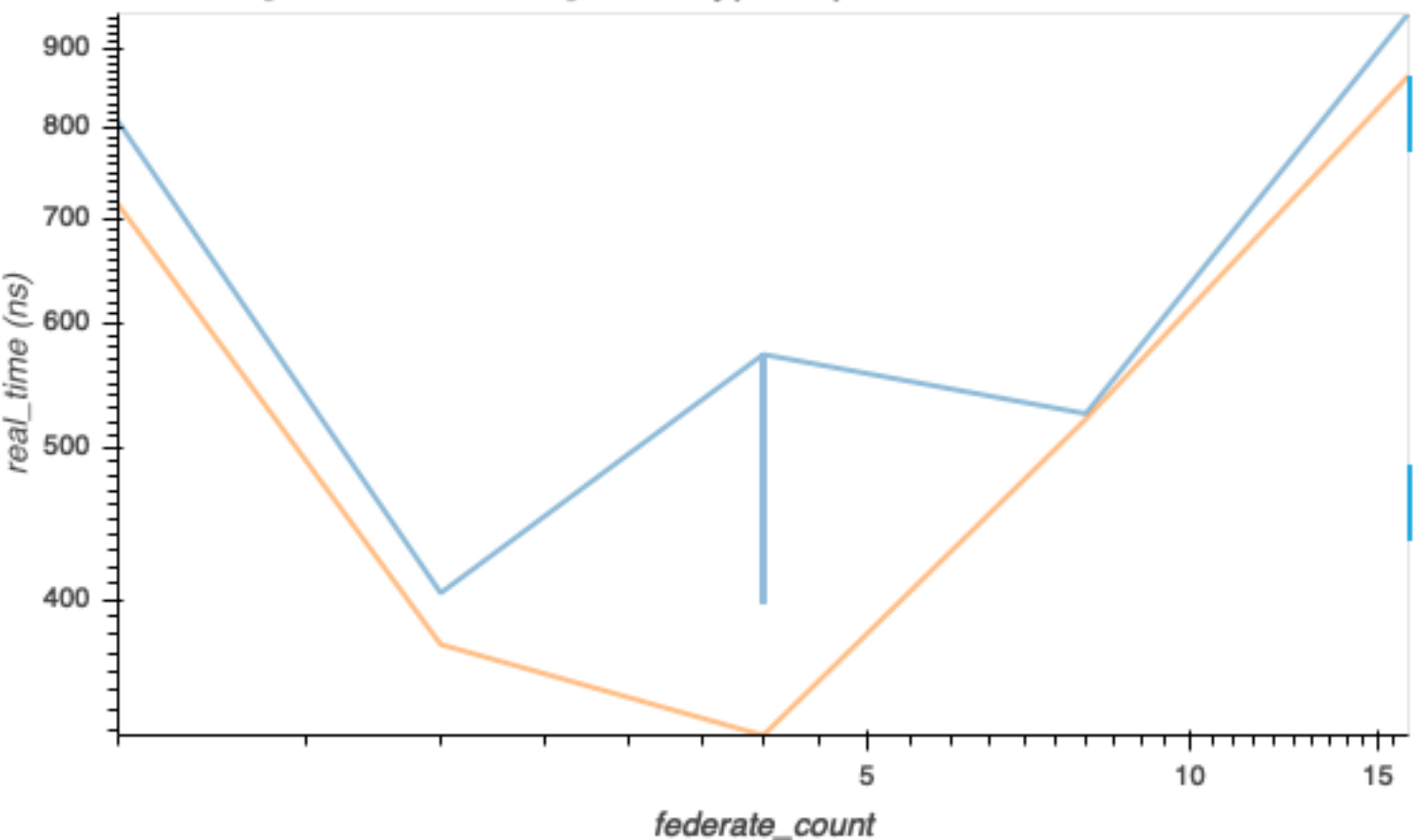
echoBenchmark: federate_count vs real_time



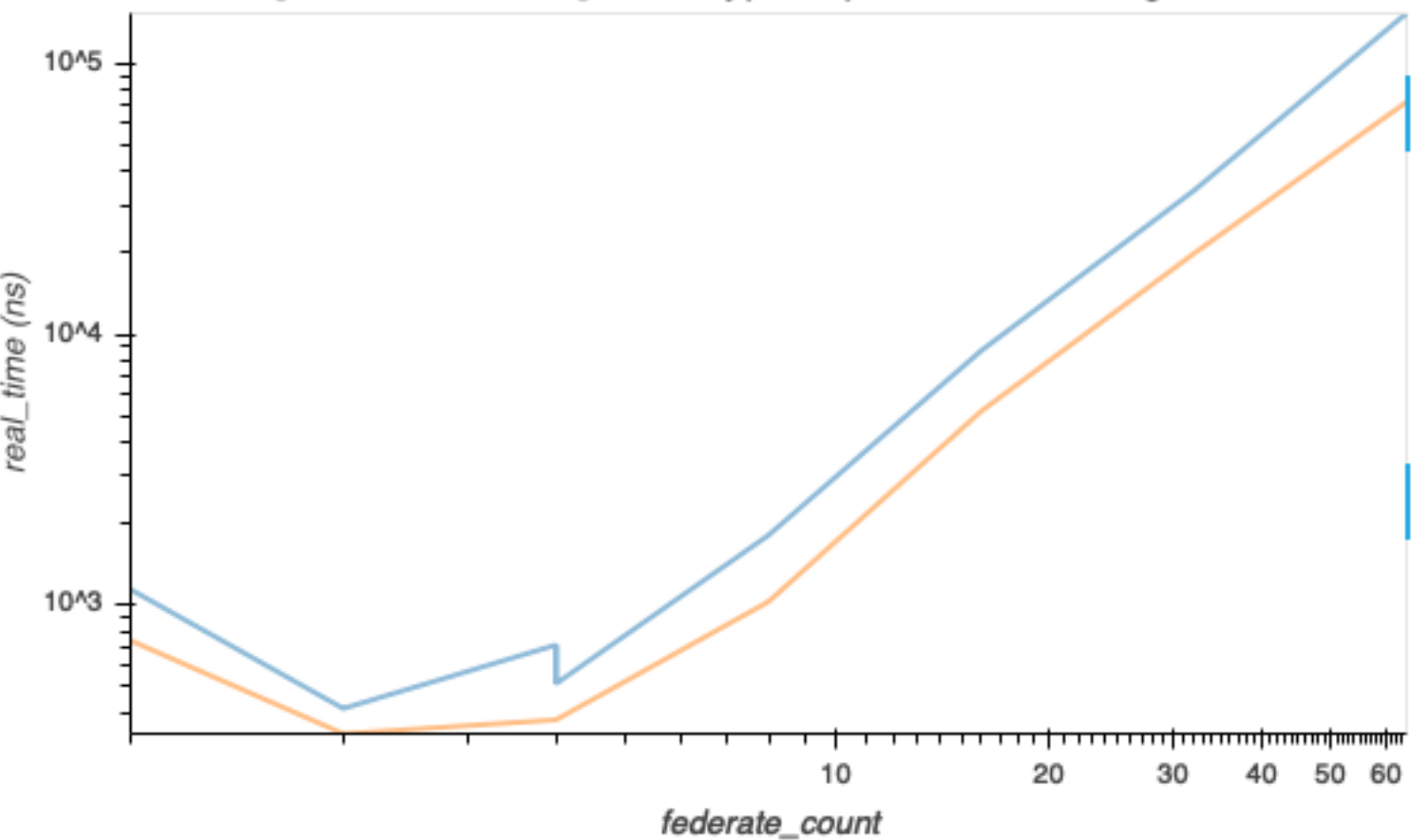
echoBenchmark: federate_count vs real_time



run_ids ['Zu60n', 'aUZF6'], core_type: inproc echoBenchmark: federate_c

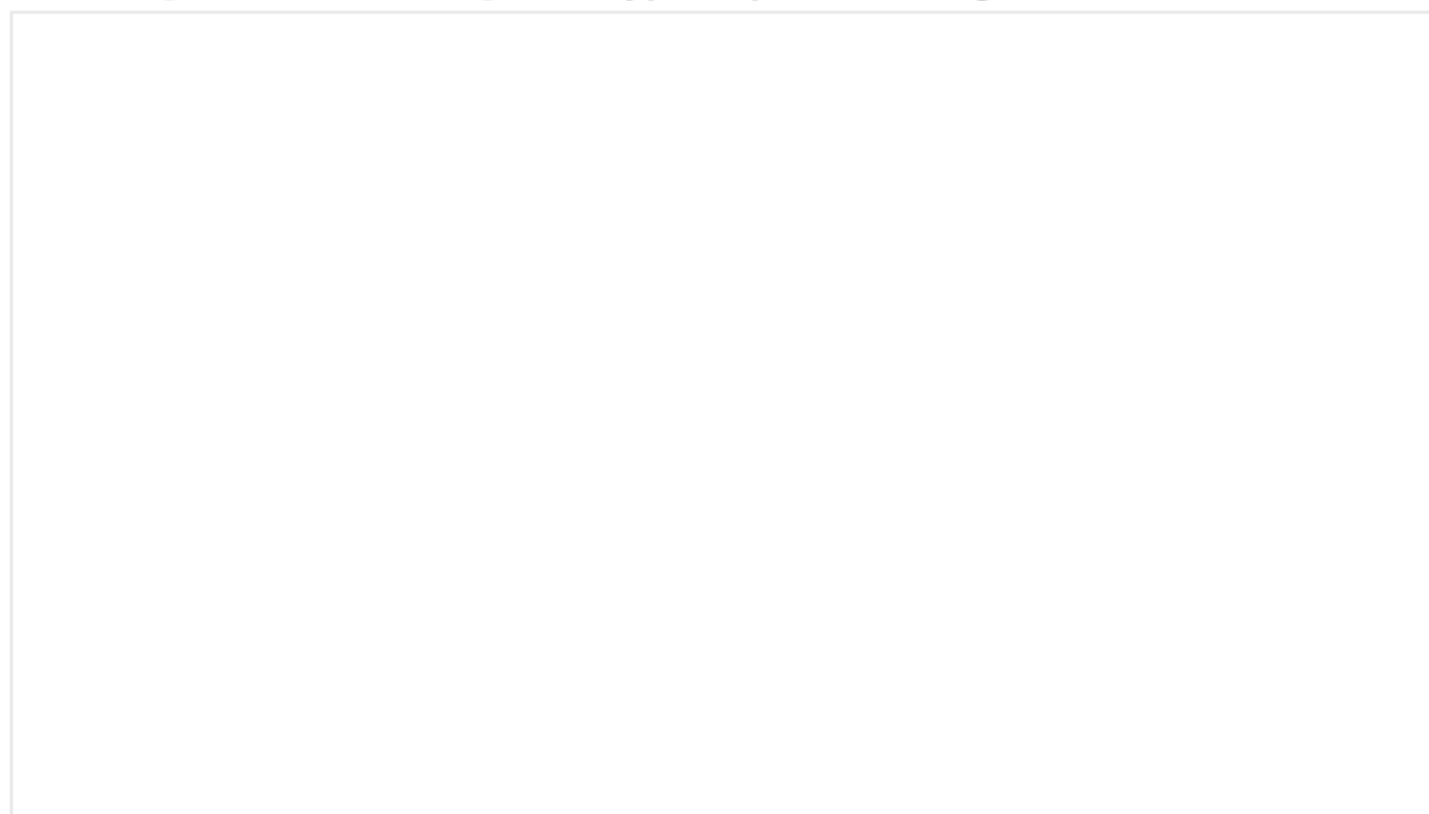


run_ids ['Zu60n', 'aUZF6'], core_type: inproc echoMessageBenchmark: f



run_ids ['Zu60n', 'aUZF6'] core_type: inproc messageSendBenchmark, mess

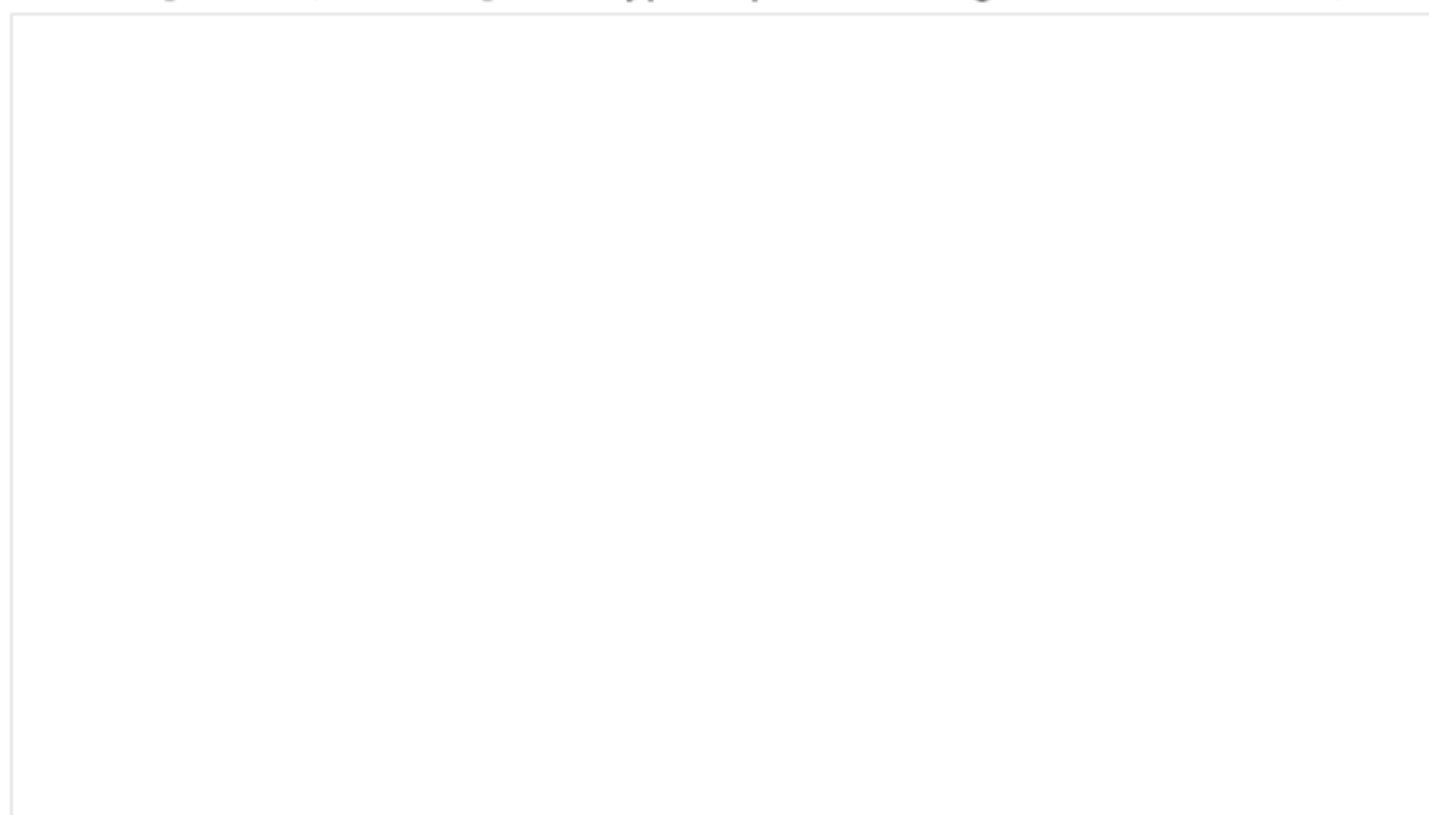
real_time (ns)



message_size

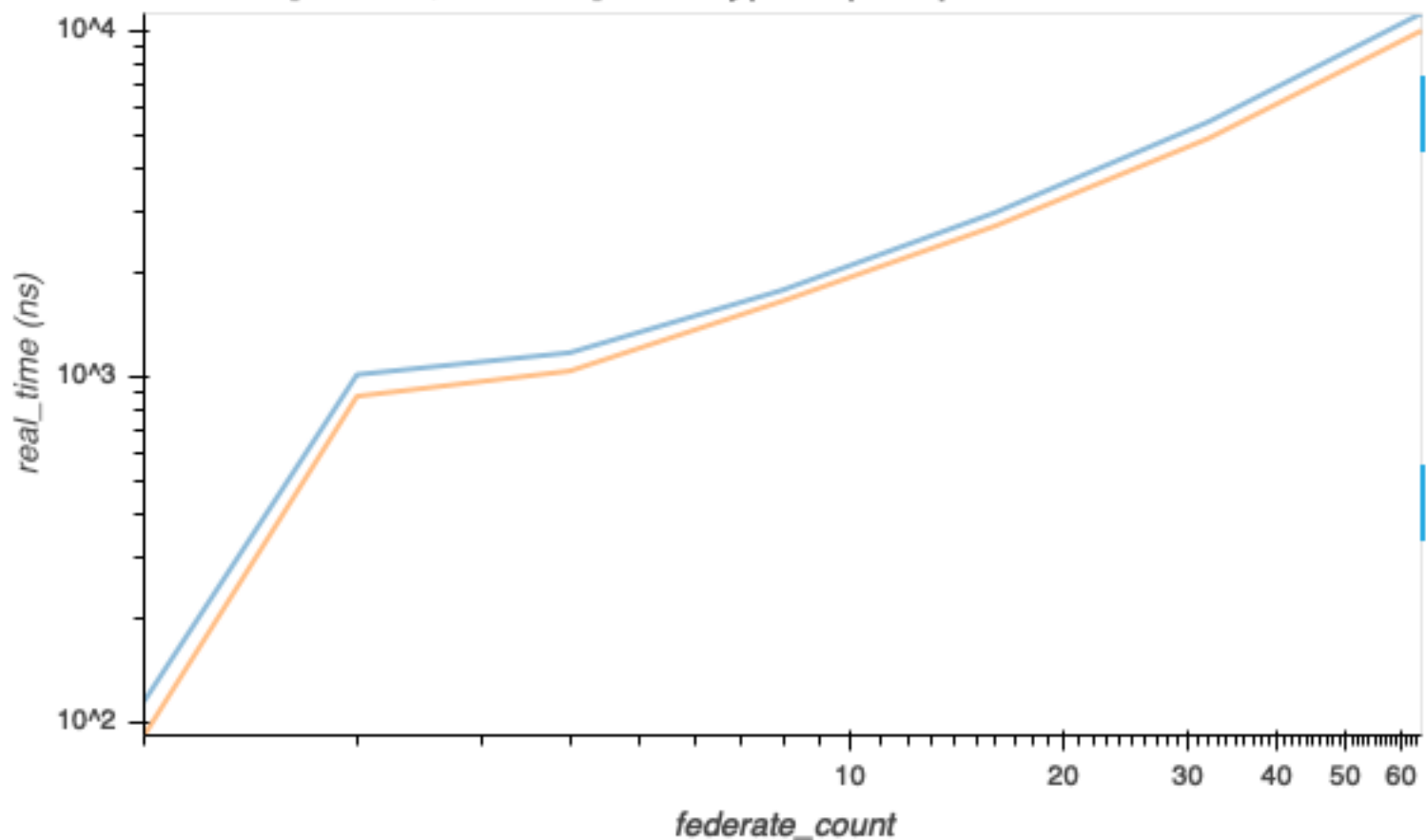
run_ids ['Zu60n', 'aUZF6'] core_type: inproc messageSendBenchmark, mess

real_time (ns)

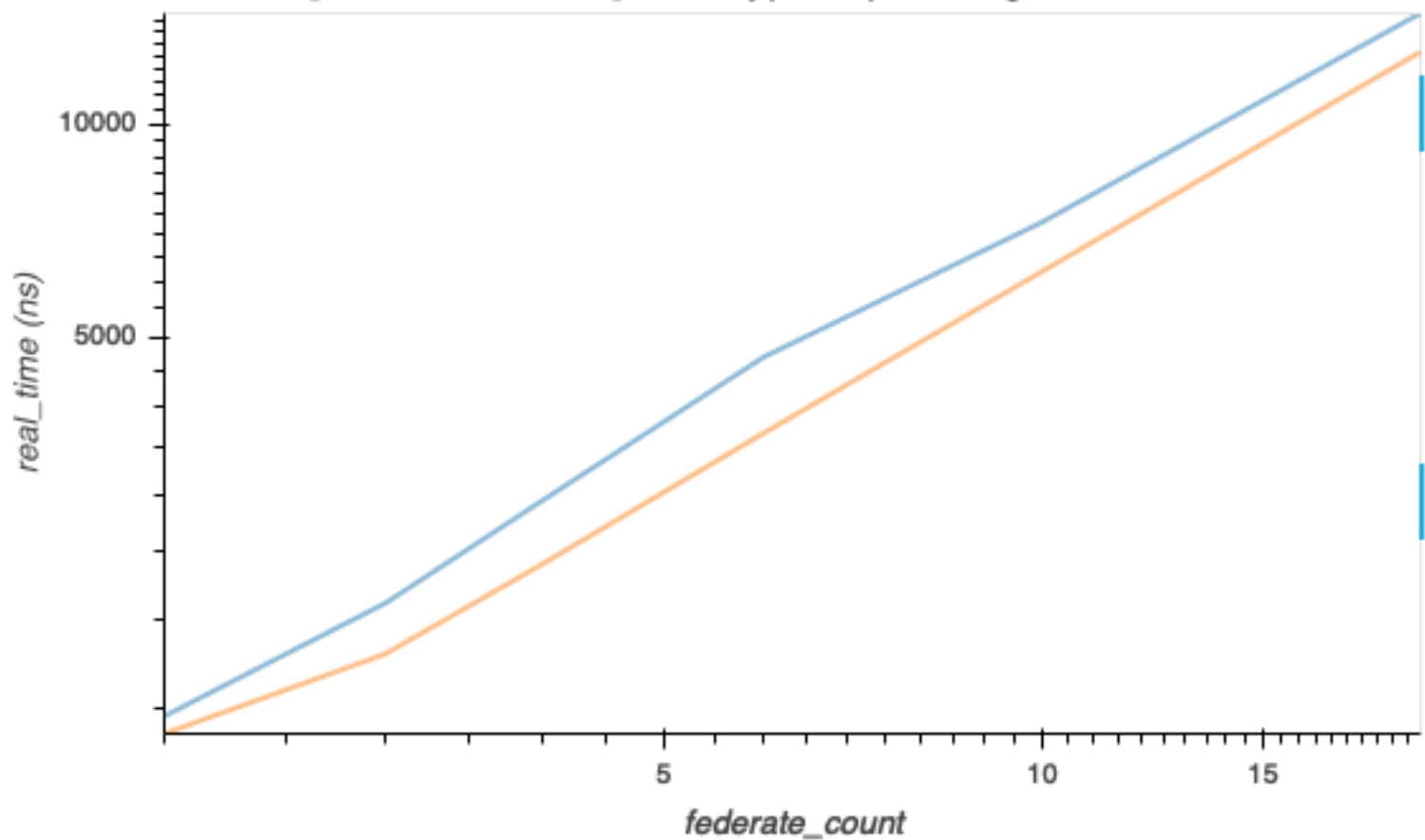


message_count

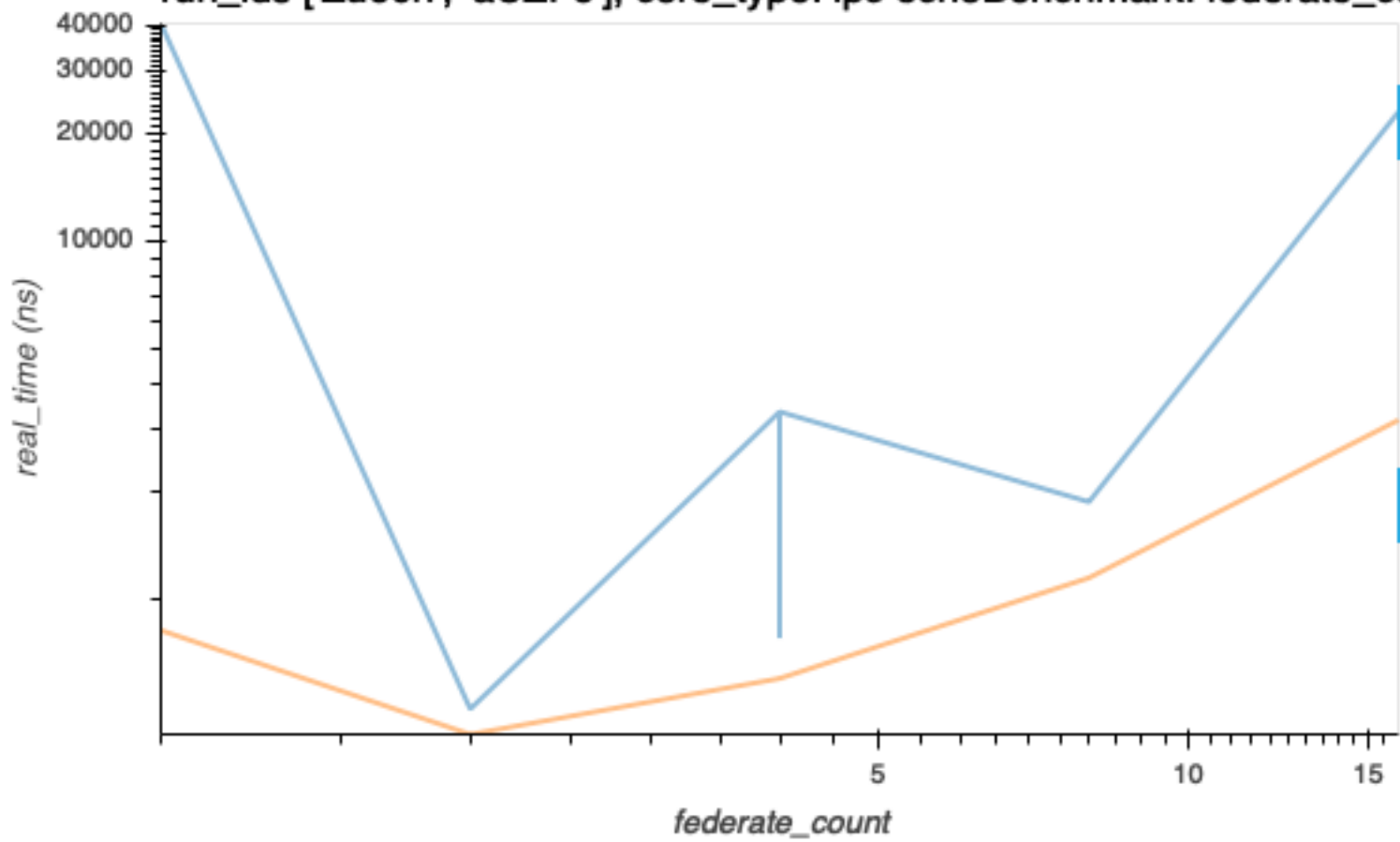
run_ids ['Zu60n', 'aUZF6'] core_type: inproc pholdBenchmark: federate_c



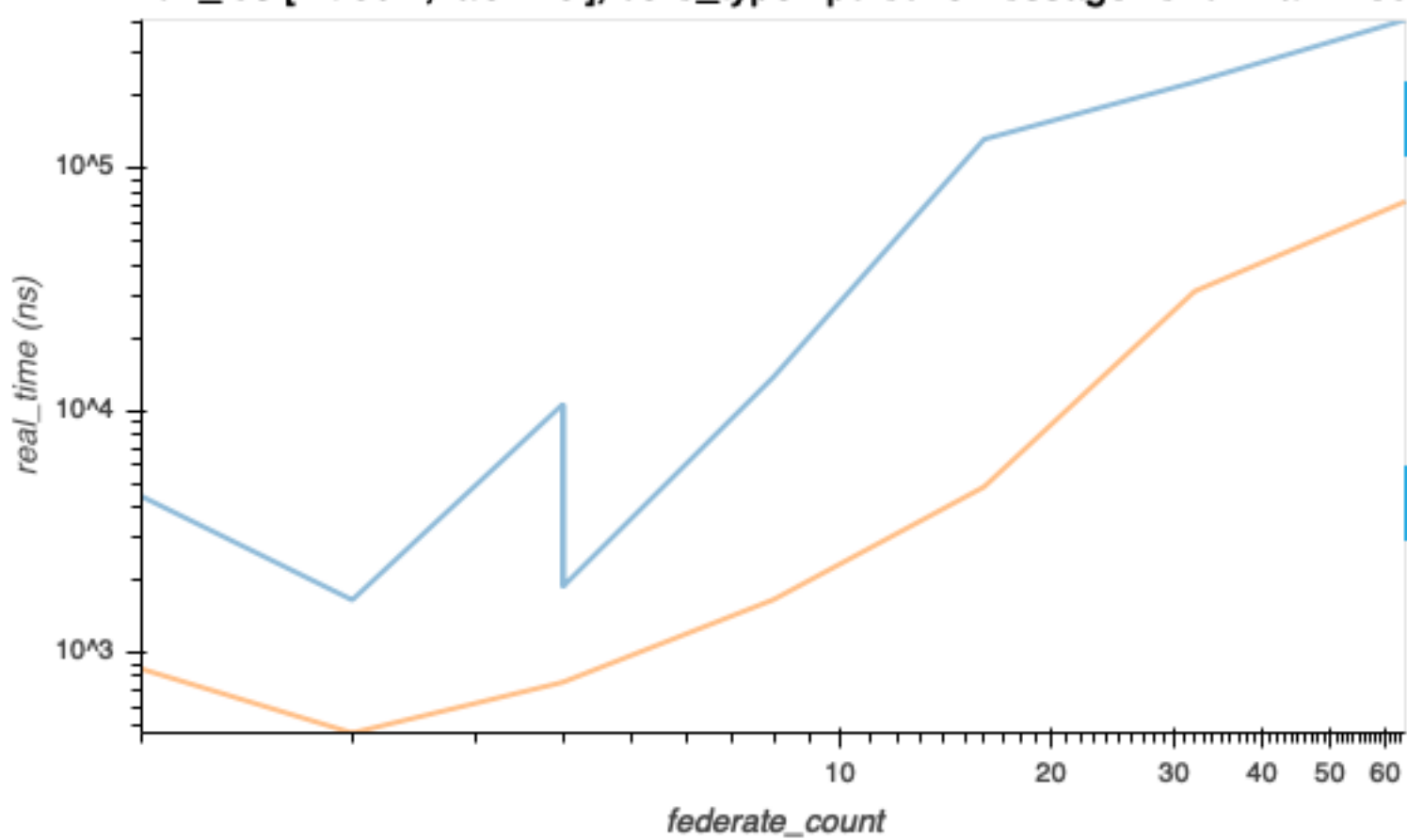
run_ids ['Zu60n', 'aUZF6'] core_type: inproc ringBenchmark: federate_c



run_ids ['Zu60n', 'aUZF6'], core_type: ipc echoBenchmark: federate_co



run_ids ['Zu60n', 'aUZF6'], core_type: ipc echoMessageBenchmark: fede



run_ids ['Zu60n', 'aUZF6'] core_type: ipc messageSendBenchmark, message

real_time (ns)

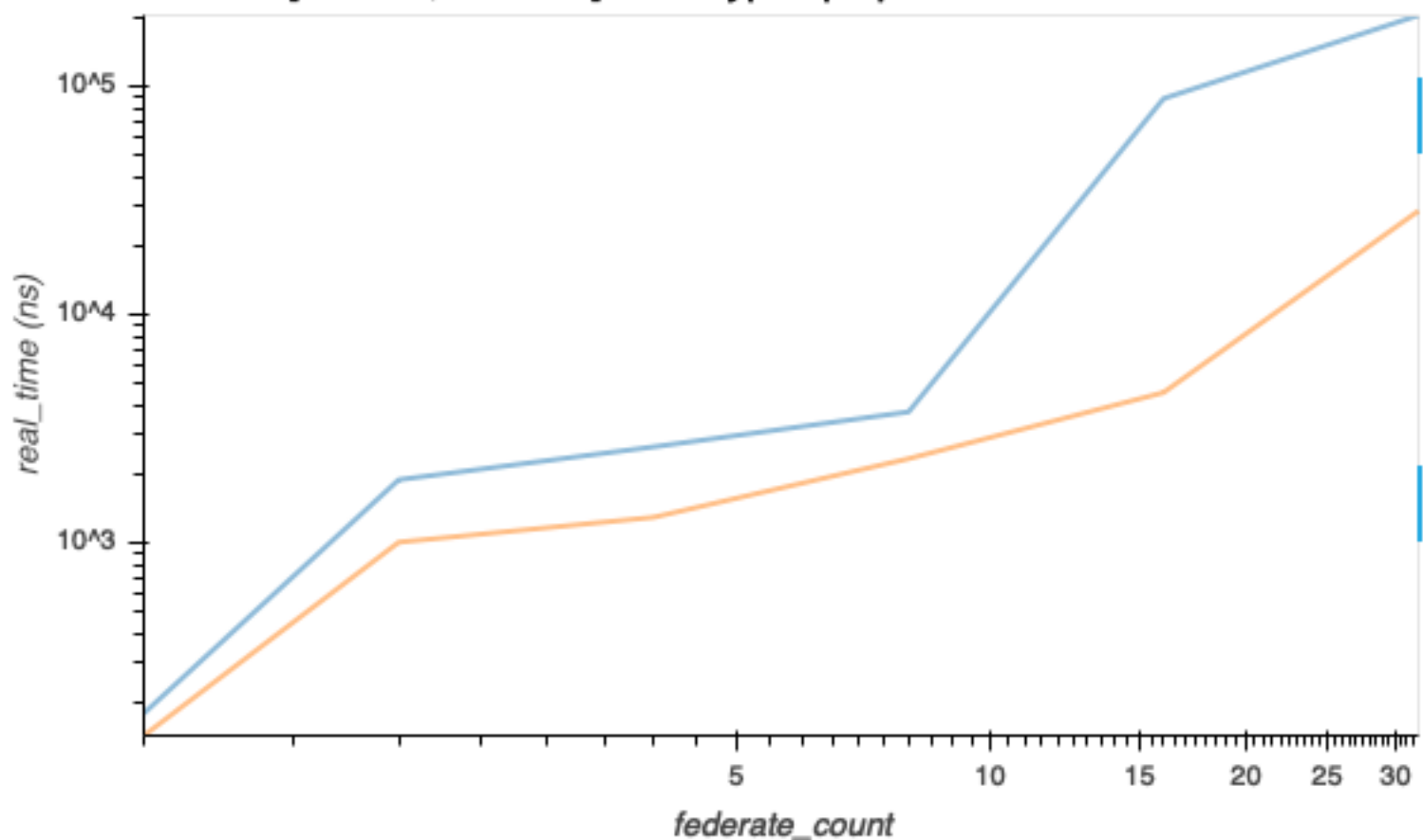
message_size

run_ids ['Zu60n', 'aUZF6'] core_type: ipc messageSendBenchmark, message

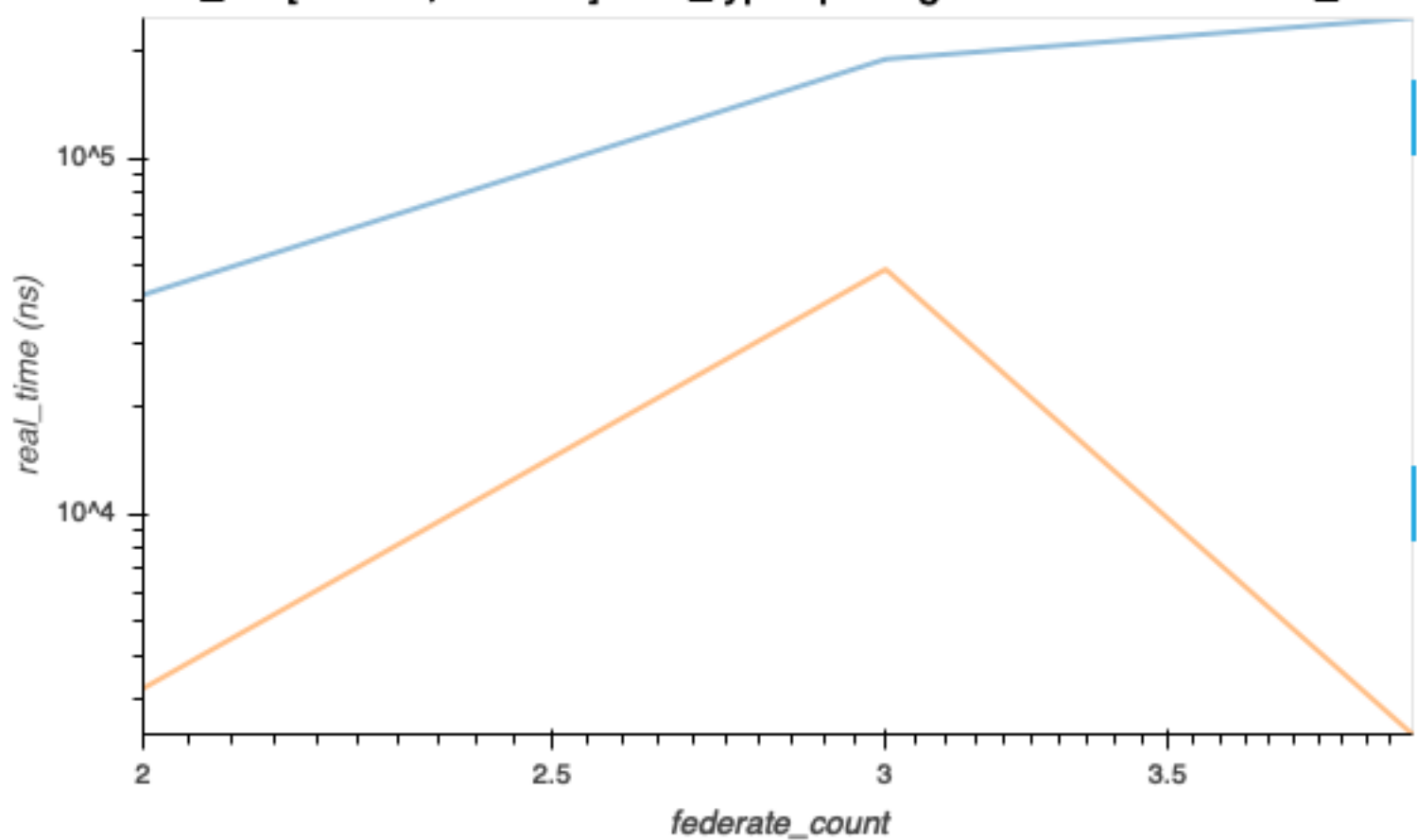
real_time (ns)

message_count

run_ids ['Zu60n', 'aUZF6'] core_type: ipc pholdBenchmark: federate_count



run_ids ['Zu60n', 'aUZF6'] core_type: ipc ringBenchmark: federate_count



messageSendBenchmark: message_size vs real_time



msg_ct = 1, messageSendBenchmark: message_size vs real_time



msg_ct = 1, messageSendBenchmark: message_size vs real_time

real_time (ns)

- run_id: Zu60n, core_type: ipc, mhz_per_cpu: []
- run_id: aUZF6, core_type: ipc, mhz_per_cpu: []

message size

msg_ct = 1, messageSendBenchmark: message_size vs real_time

real_time (ns)

- run_id: Zu60n, core_type: singleCore, mhz_per_cpu: []
- run_id: aUZF6, core_type: singleCore, mhz_per_cpu: []

message size

msg_ct = 1, messageSendBenchmark: message_size vs real_time

real_time (ns)

- run_id: Zu60n, core_type: unspecified, mhz_per_cpu: []
- run_id: aUZF6, core_type: unspecified, mhz_per_cpu: []

message size

msg_ct = 1, messageSendBenchmark: message_size vs real_time

real_time (ns)

- run_id: Zu60n, core_type: zmq, mhz_per_cpu: []
- run_id: aUZF6, core_type: zmq, mhz_per_cpu: []

message size

msg_ct = 1, messageSendBenchmark: message_size vs real_time



msg_sz = 1, messageSendBenchmark: message_count vs real_time



msg_sz = 1, messageSendBenchmark: message_count vs real_time

real_time (ns)

— run_id: Zu60n, core_type: ipc, mhz_per_cpu: []
— run_id: aUZF6, core_type: ipc, mhz_per_cpu: []

message count

msg_sz = 1, messageSendBenchmark: message_count vs real_time

real_time (ns)

— run_id: Zu60n, core_type: singleCore, mhz_per_cpu: []
— run_id: aUZF6, core_type: singleCore, mhz_per_cpu: []

message count

msg_sz = 1, messageSendBenchmark: message_count vs real_time

real_time (ns)

- run_id: Zu60n, core_type: unspecified, mhz_per_cpu: []
- run_id: aUZF6, core_type: unspecified, mhz_per_cpu: []

message count

msg_sz = 1, messageSendBenchmark: message_count vs real_time

real_time (ns)

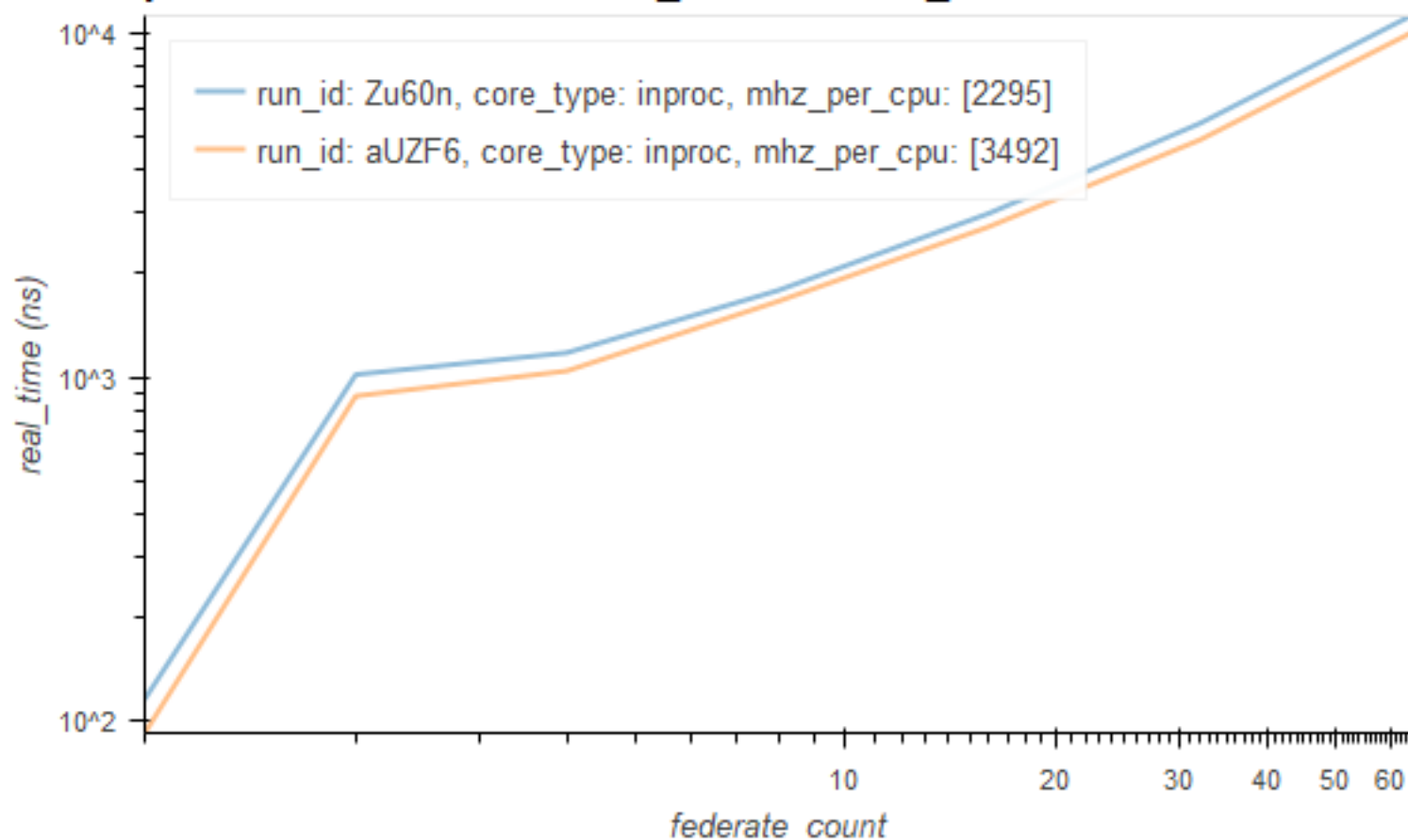
- run_id: Zu60n, core_type: zmq, mhz_per_cpu: []
- run_id: aUZF6, core_type: zmq, mhz_per_cpu: []

message count

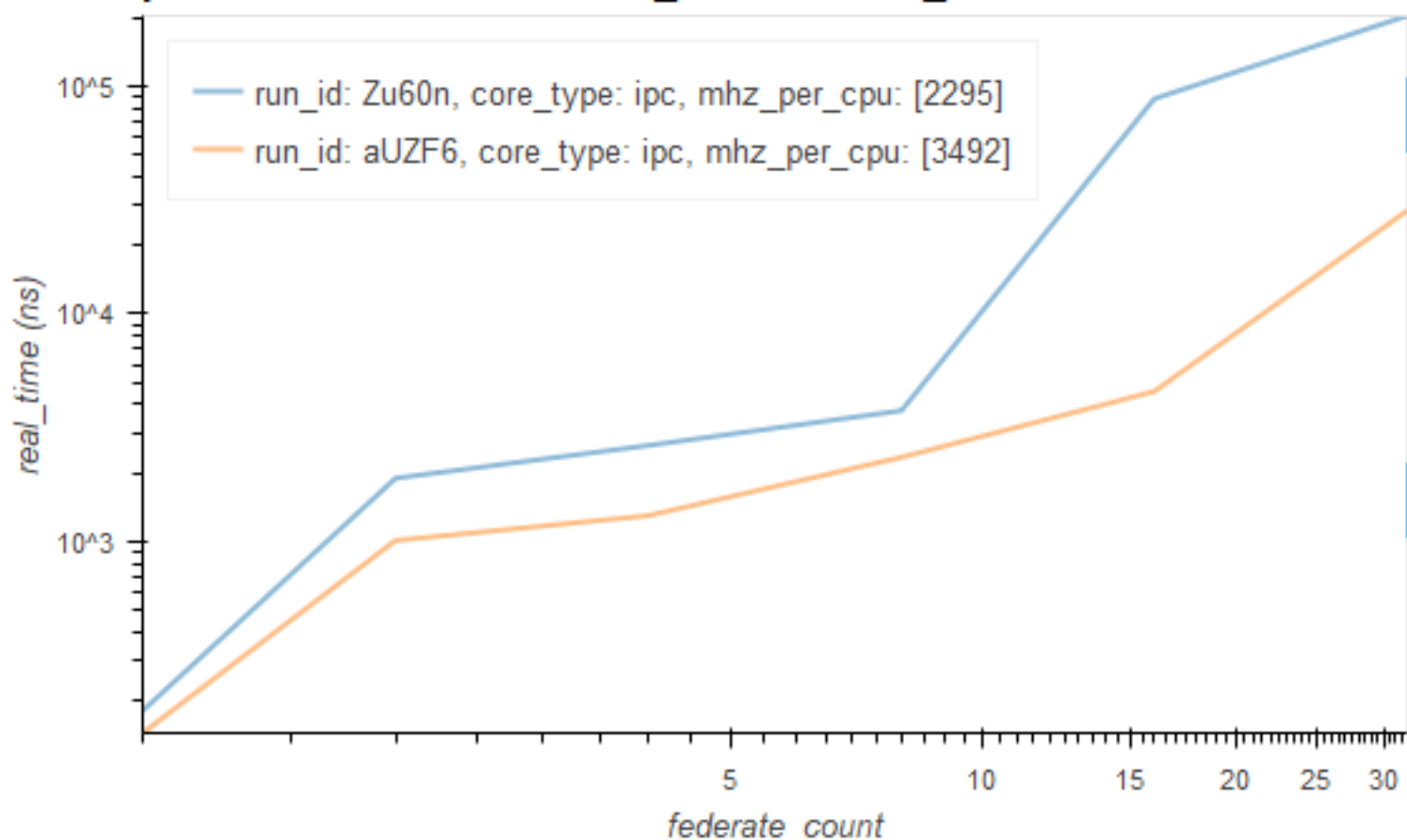
msg_sz = 1, messageSendBenchmark: message_count vs real_time



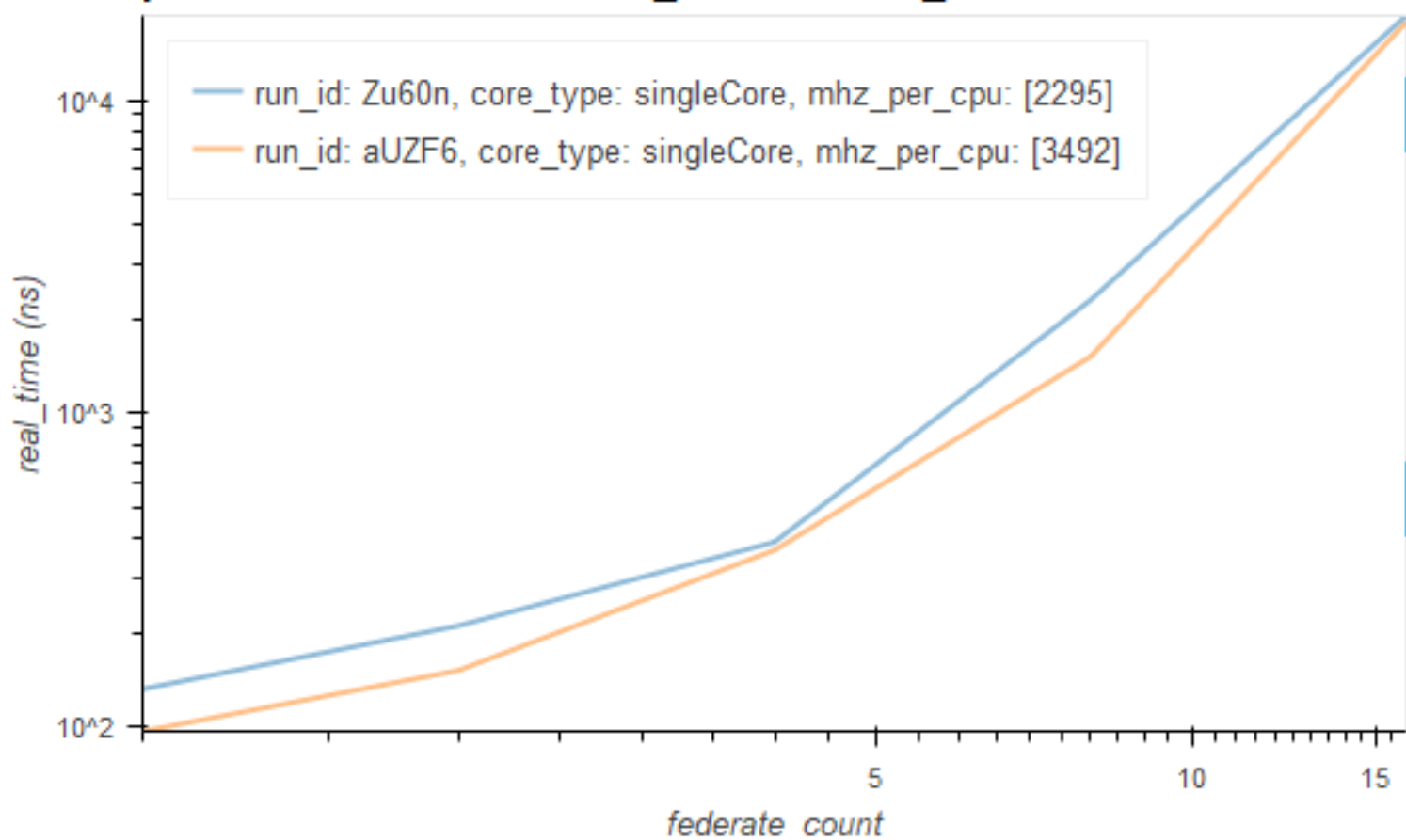
pholdBenchmark: federate_count vs real_time



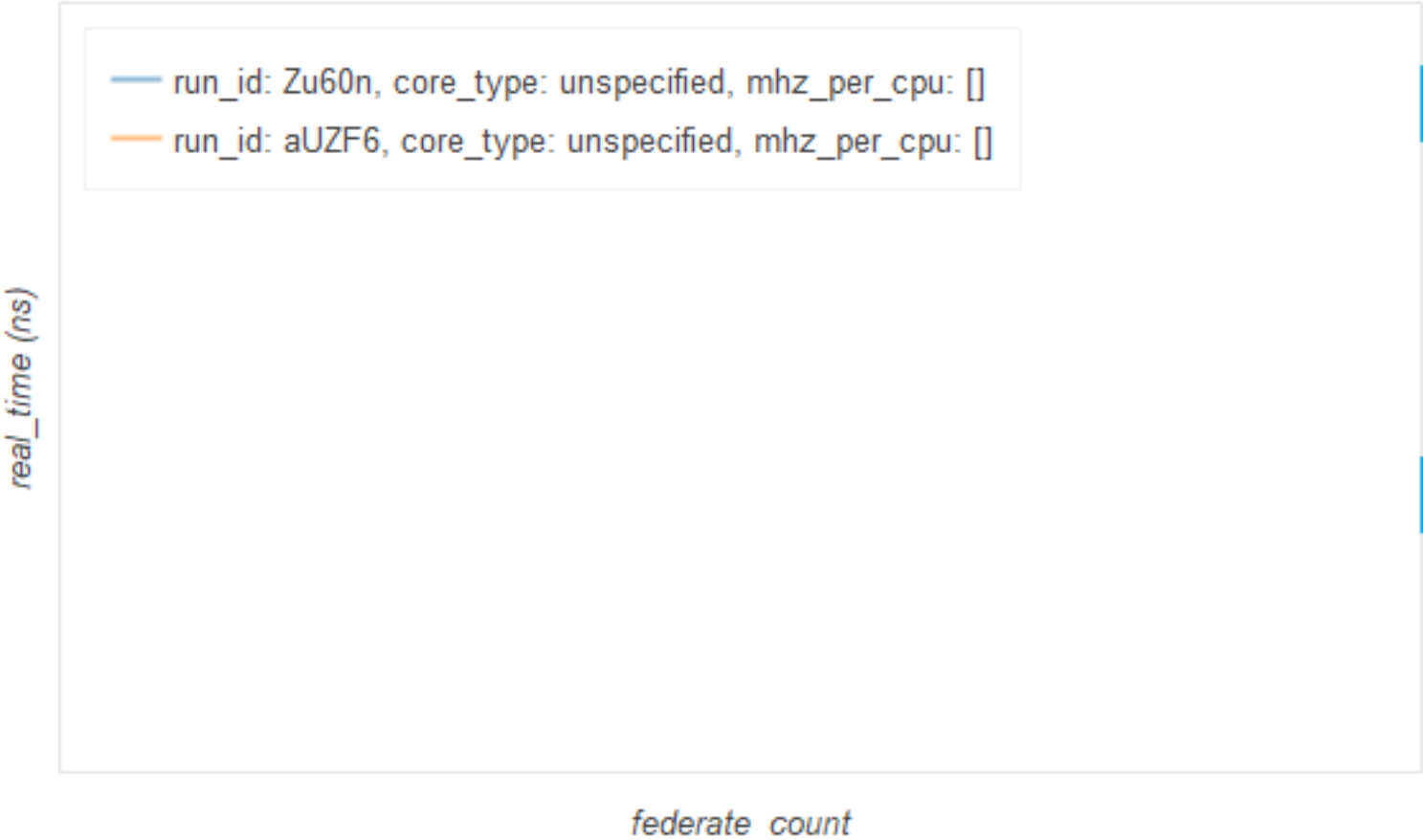
pholdBenchmark: federate_count vs real_time



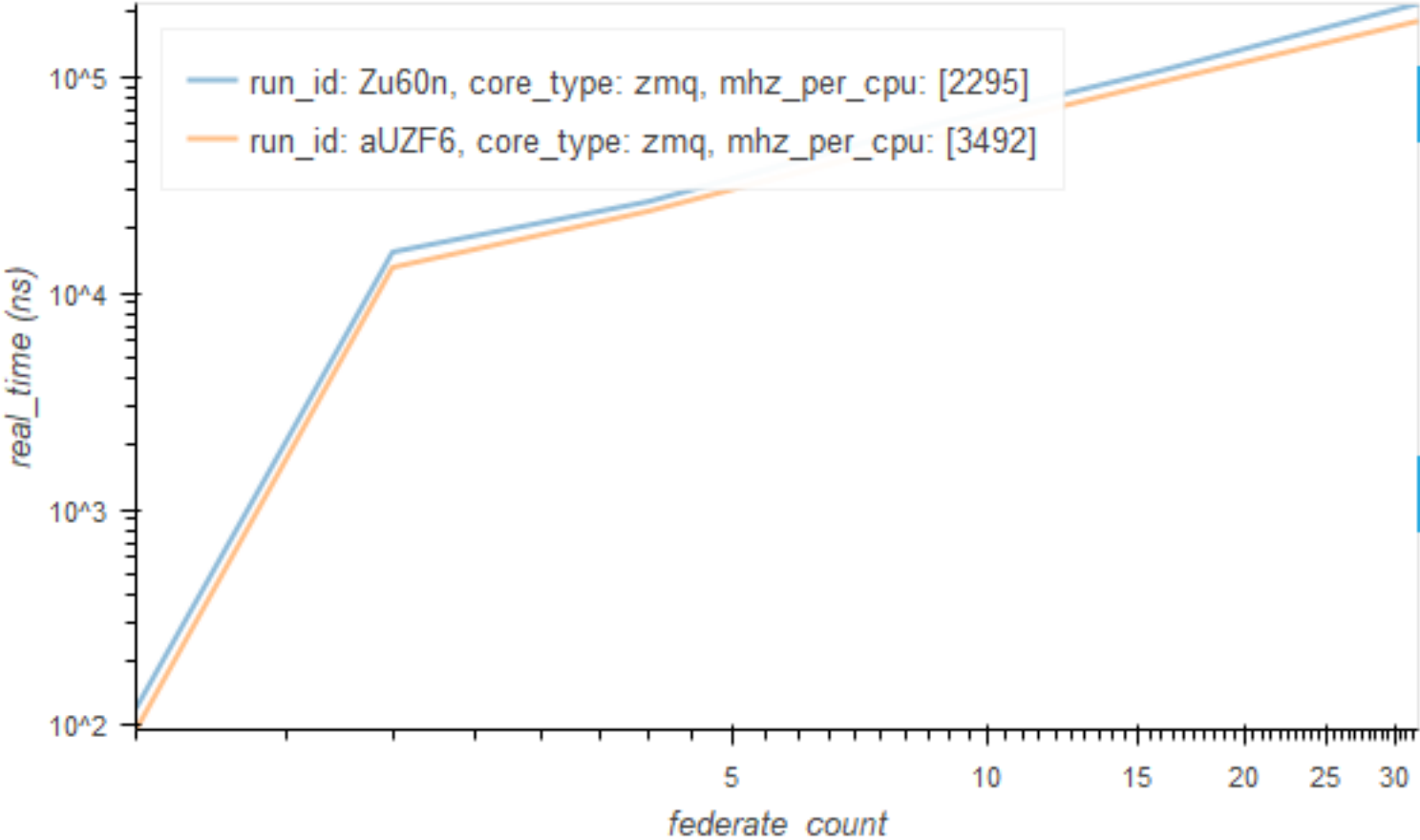
pholdBenchmark: federate_count vs real_time



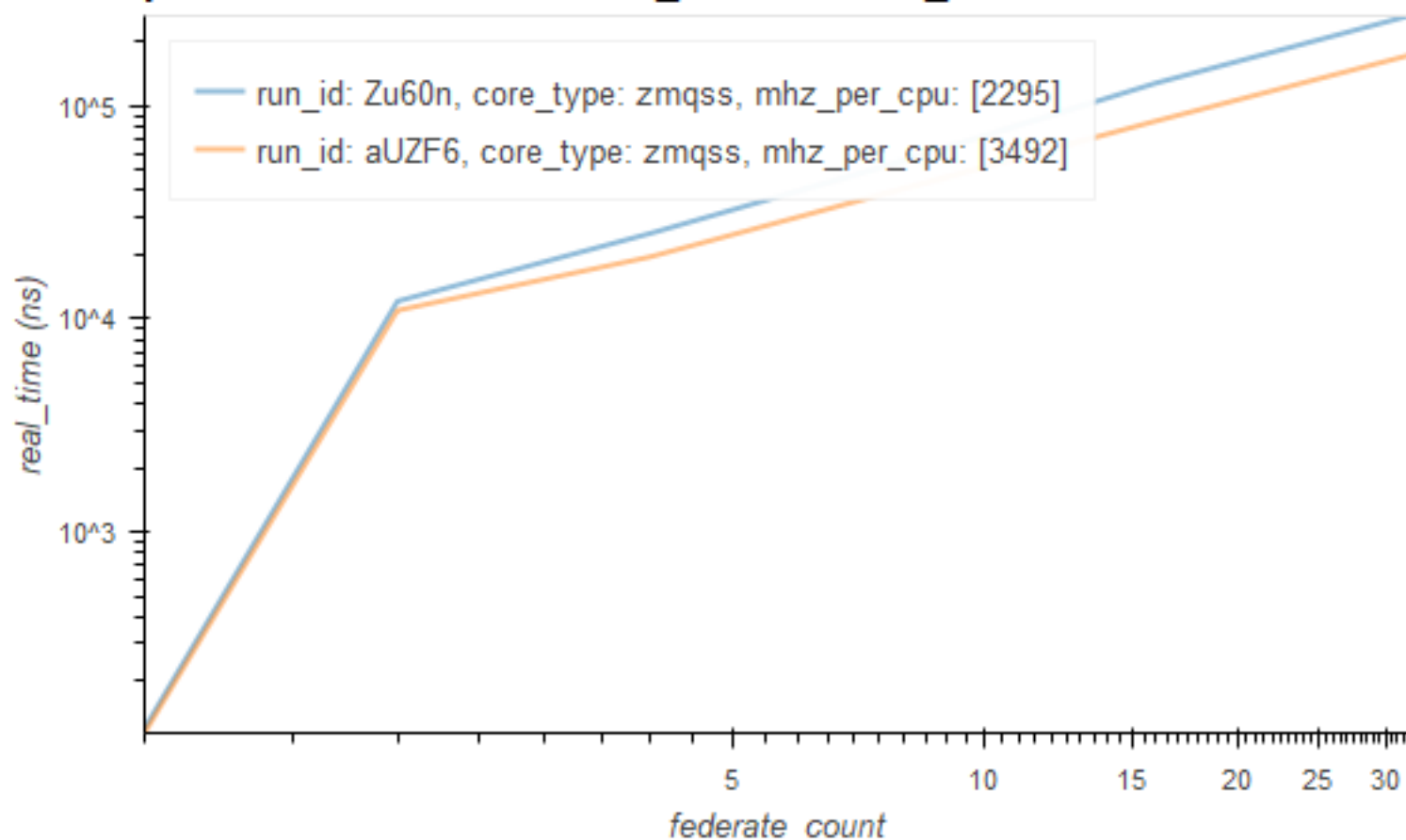
pholdBenchmark: federate_count vs real_time



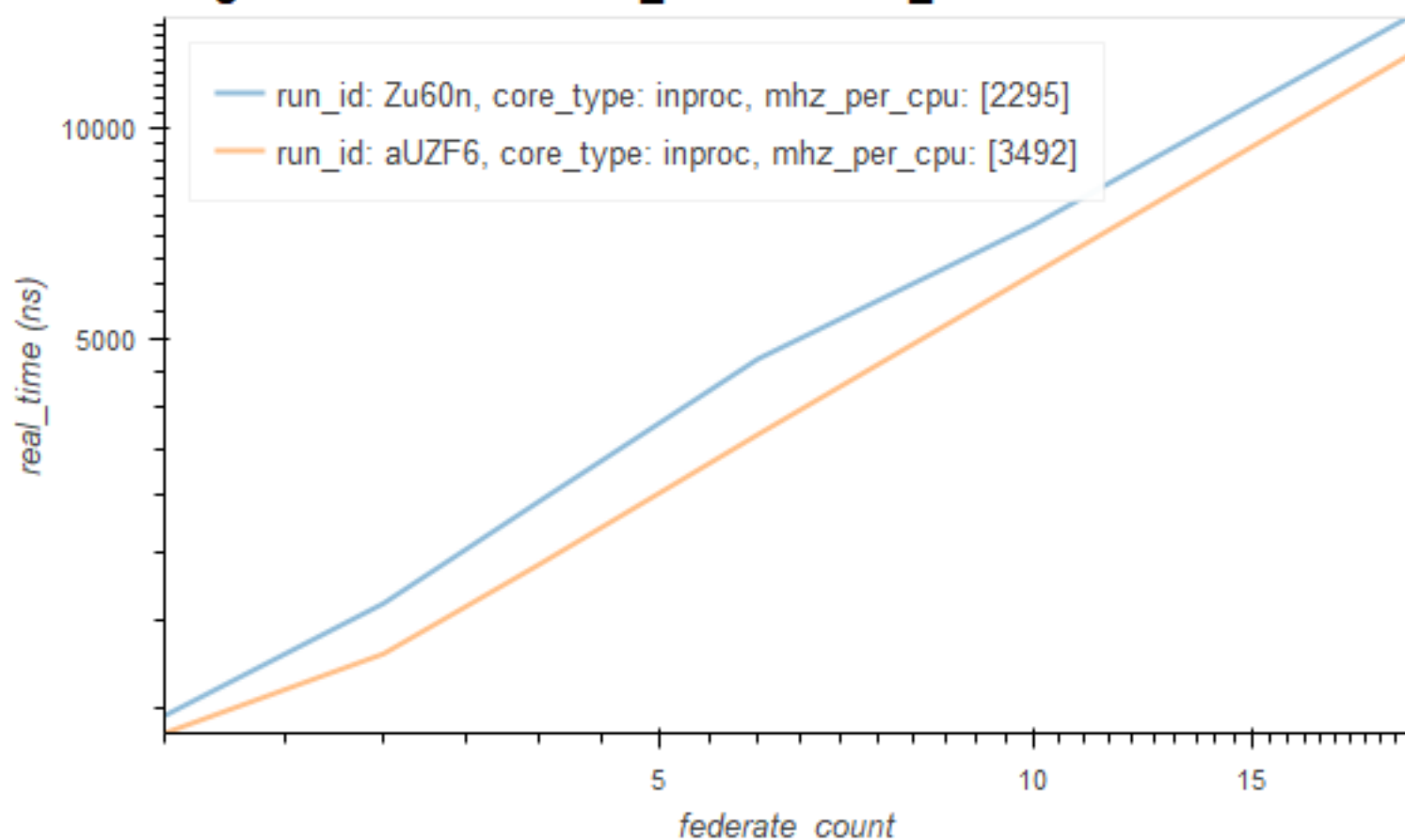
pholdBenchmark: federate_count vs real_time



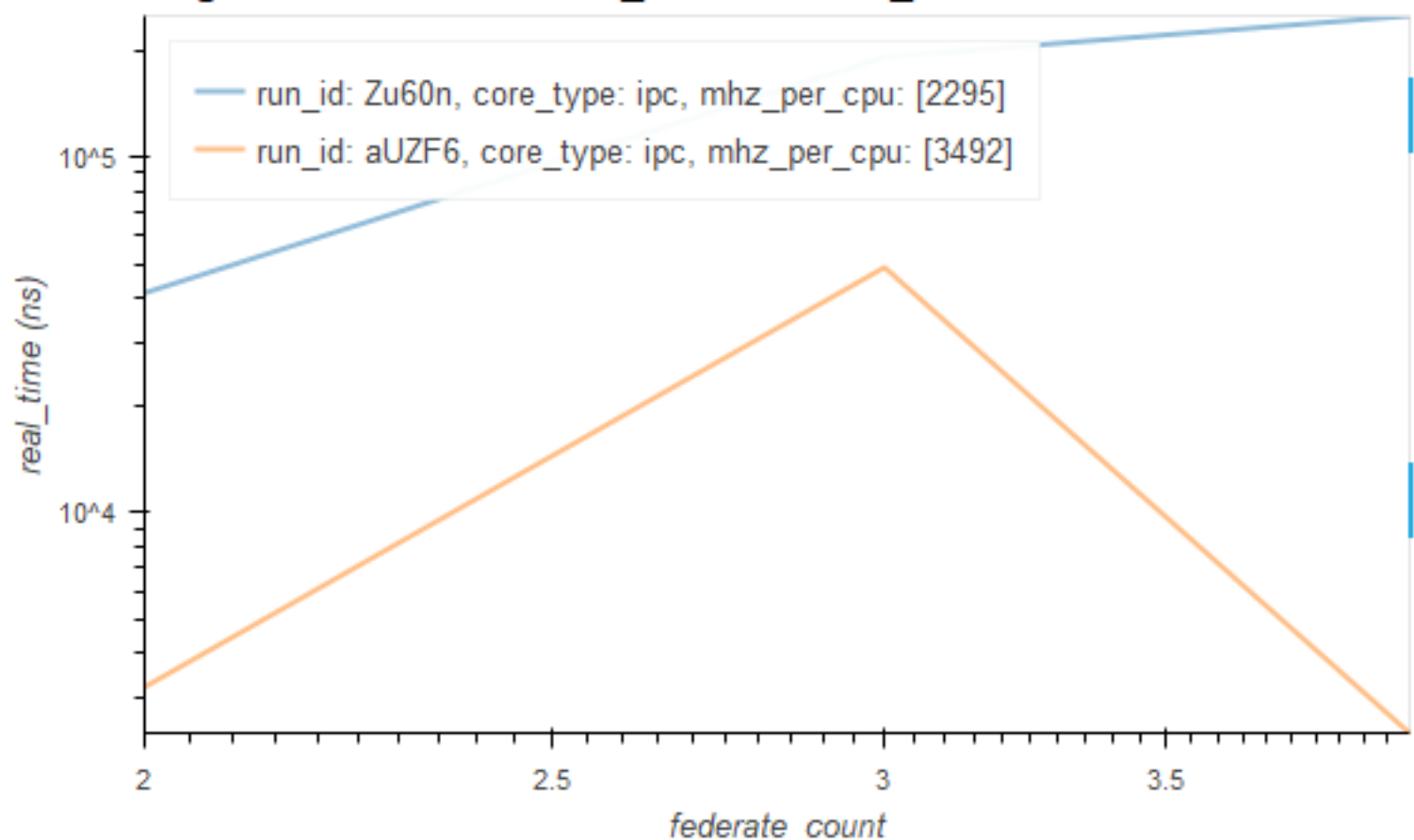
pholdBenchmark: federate_count vs real_time



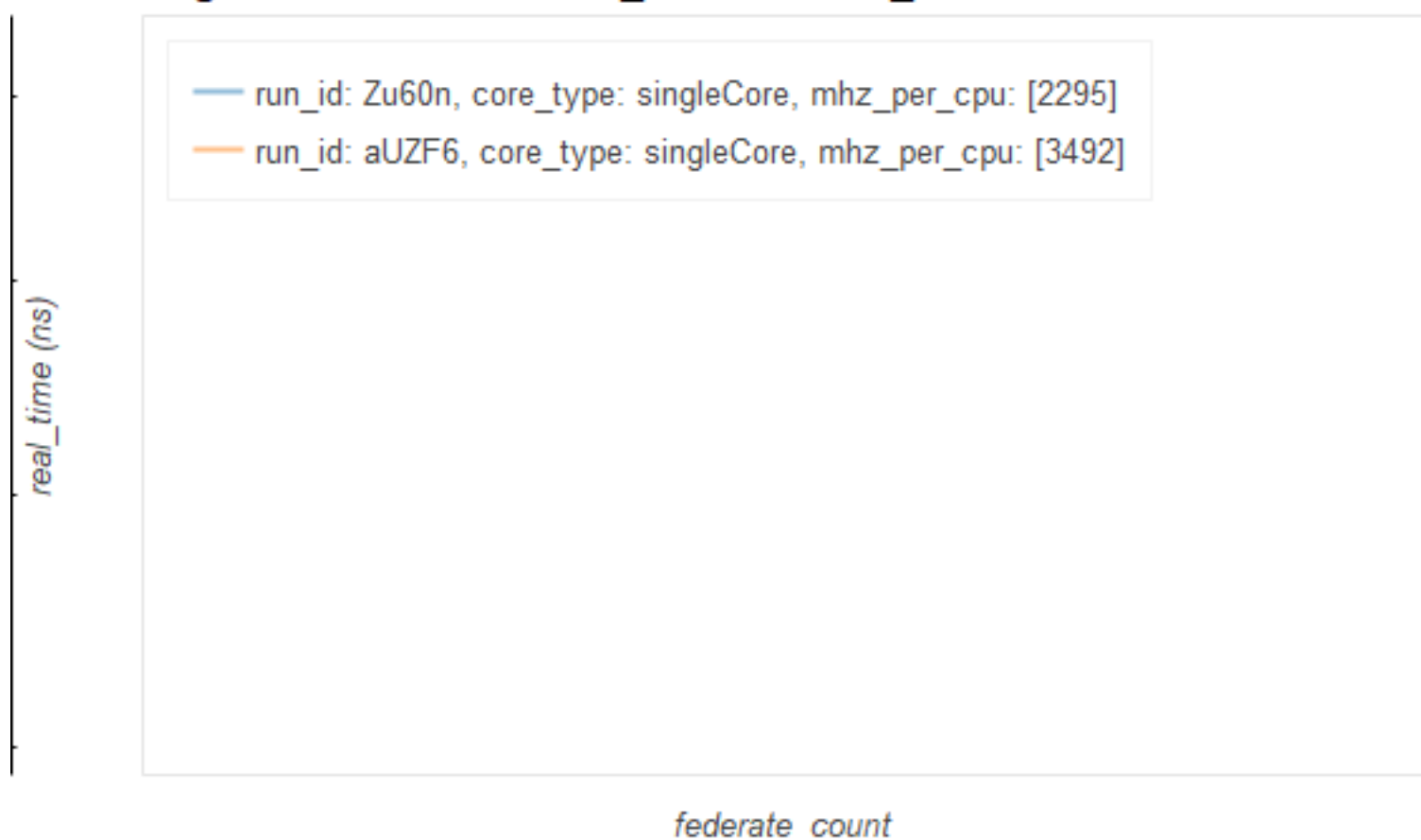
ringBenchmark: federate_count vs real_time



ringBenchmark: federate_count vs real_time



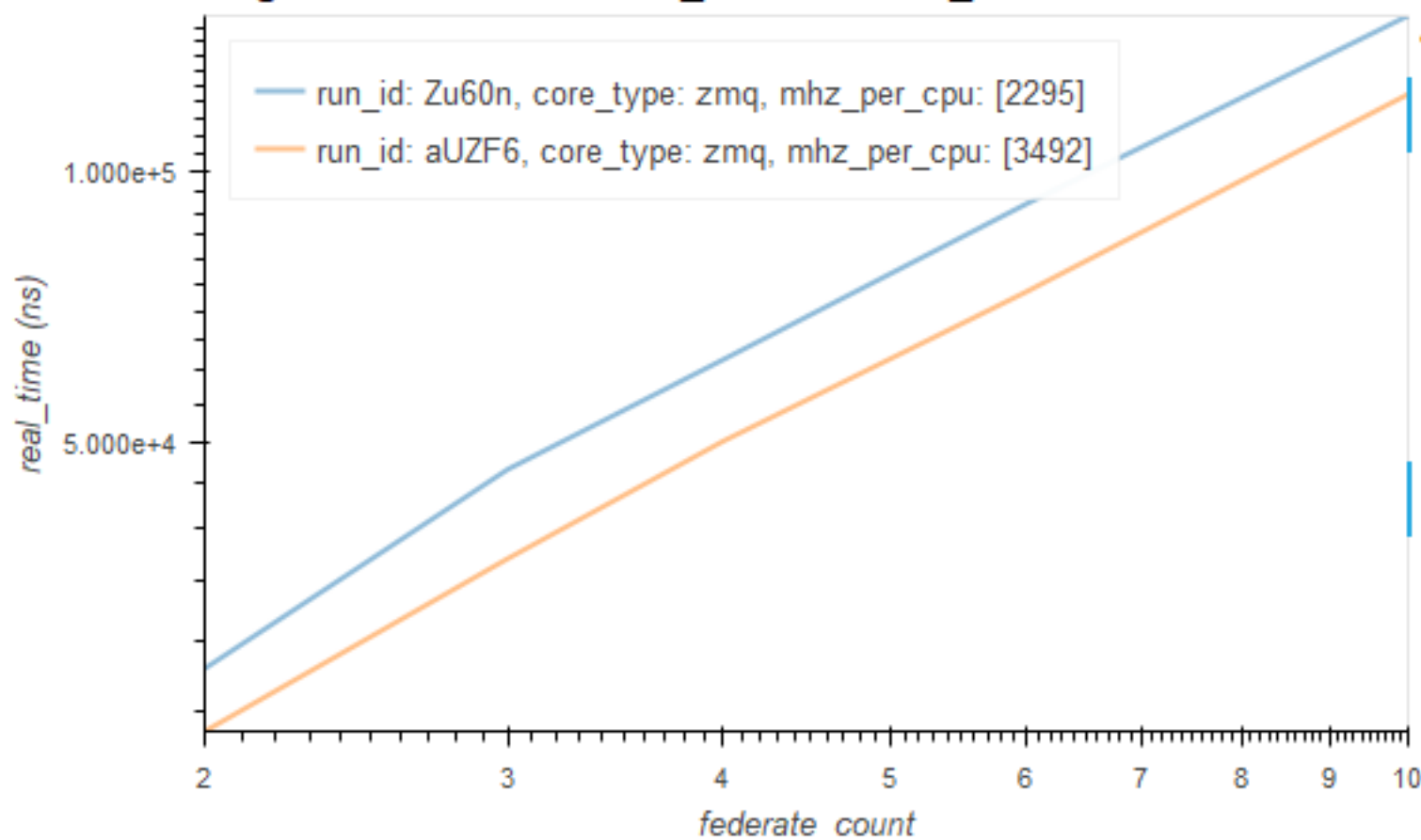
ringBenchmark: federate_count vs real_time



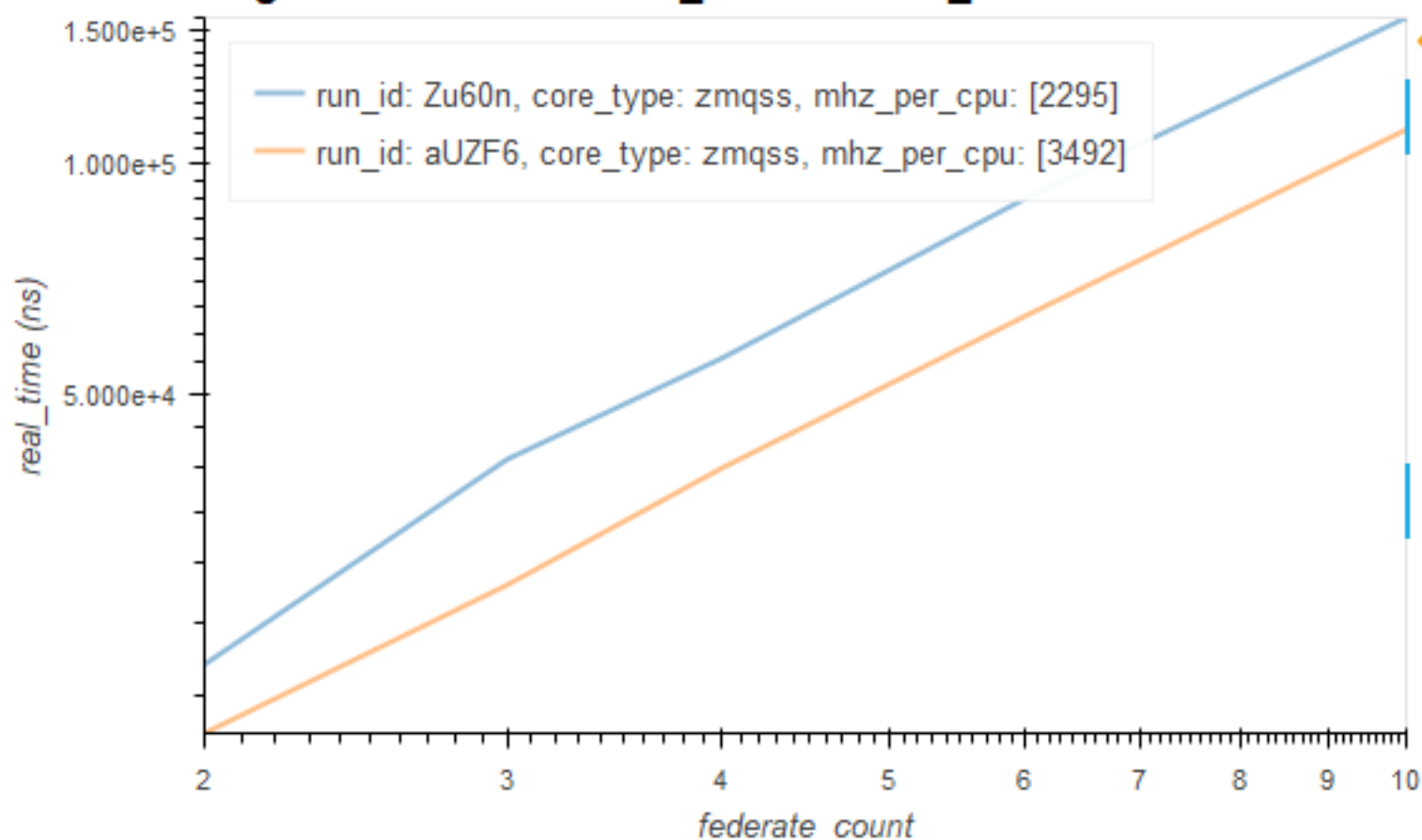
ringBenchmark: federate_count vs real_time



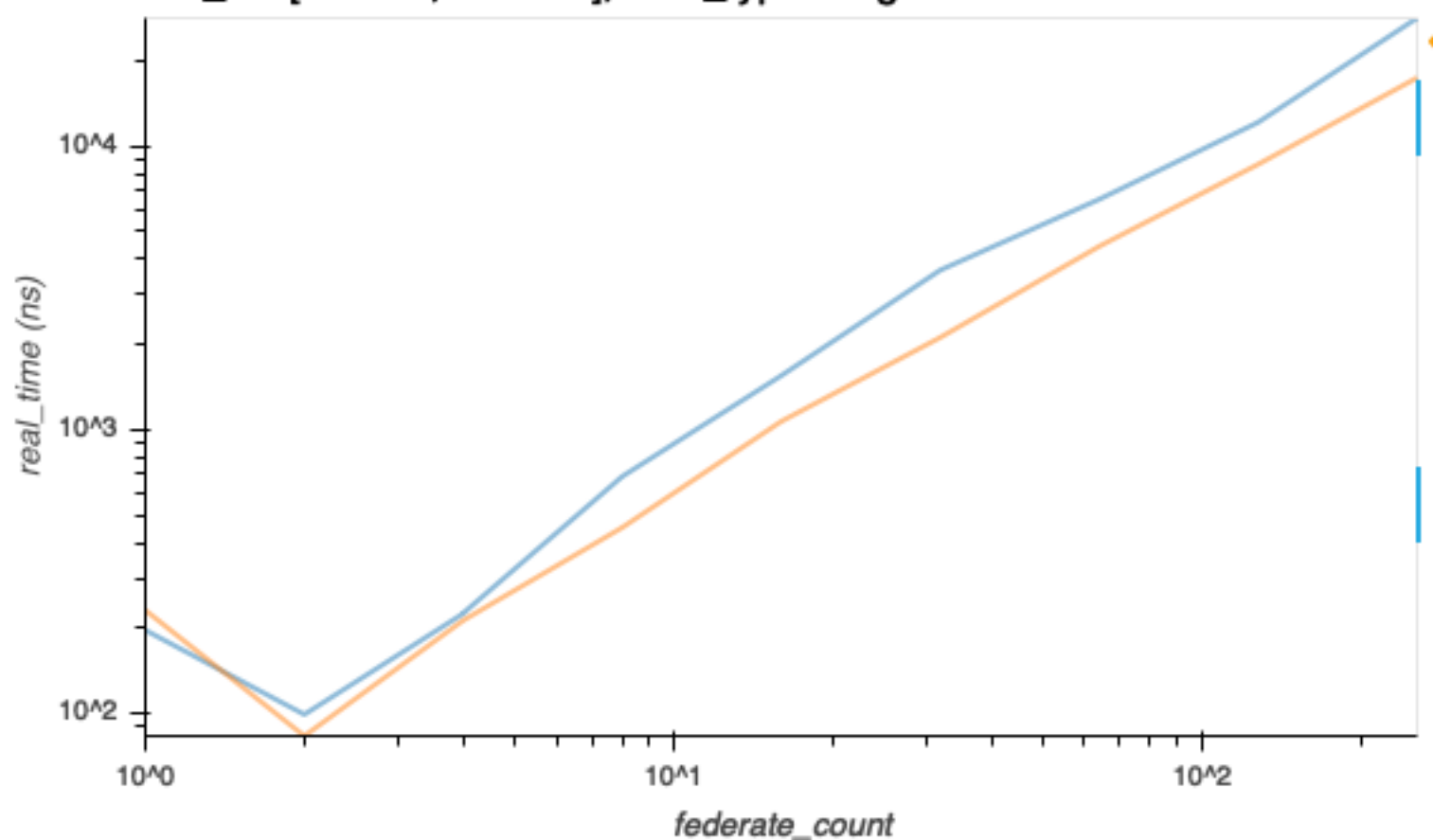
ringBenchmark: federate_count vs real_time



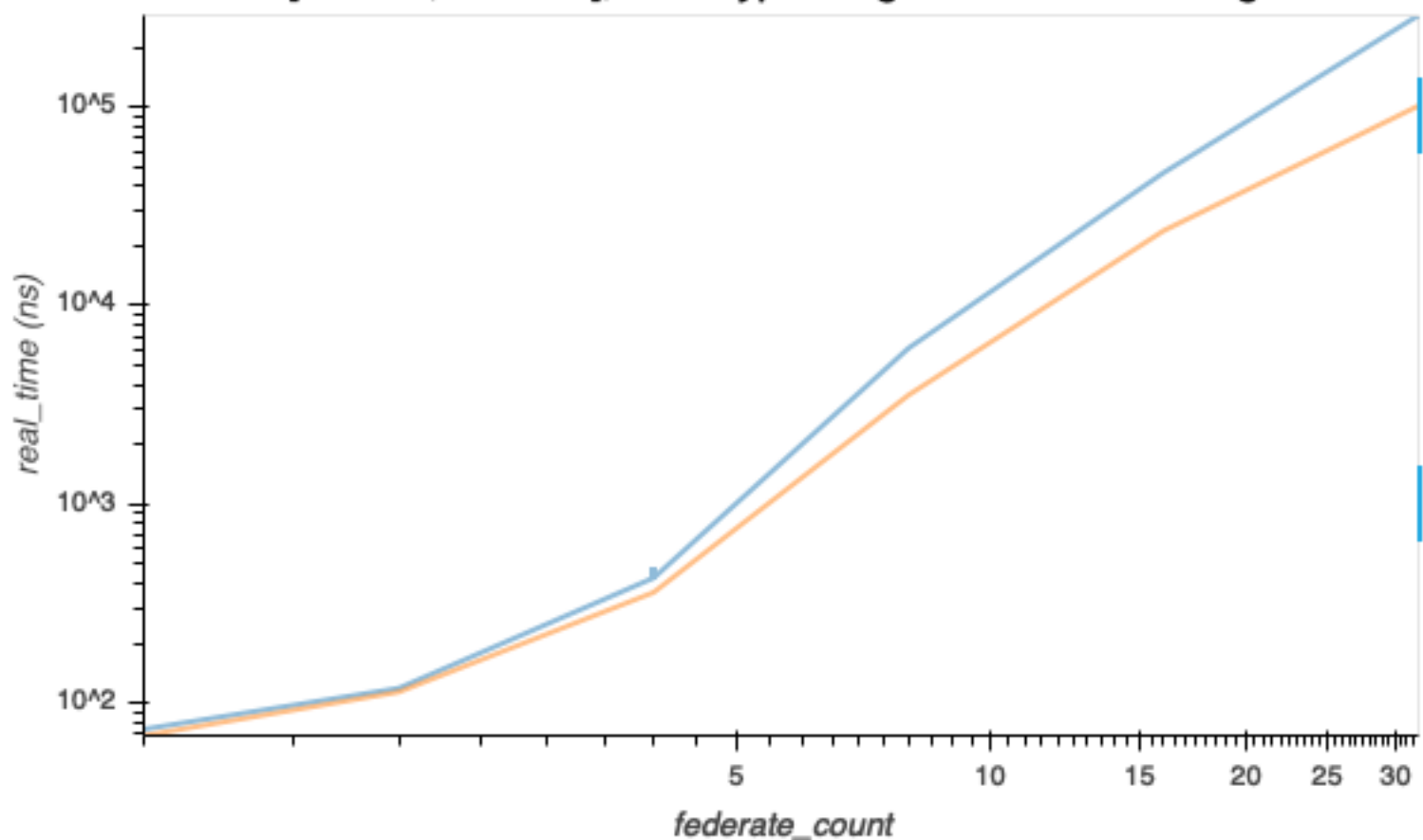
ringBenchmark: federate_count vs real_time



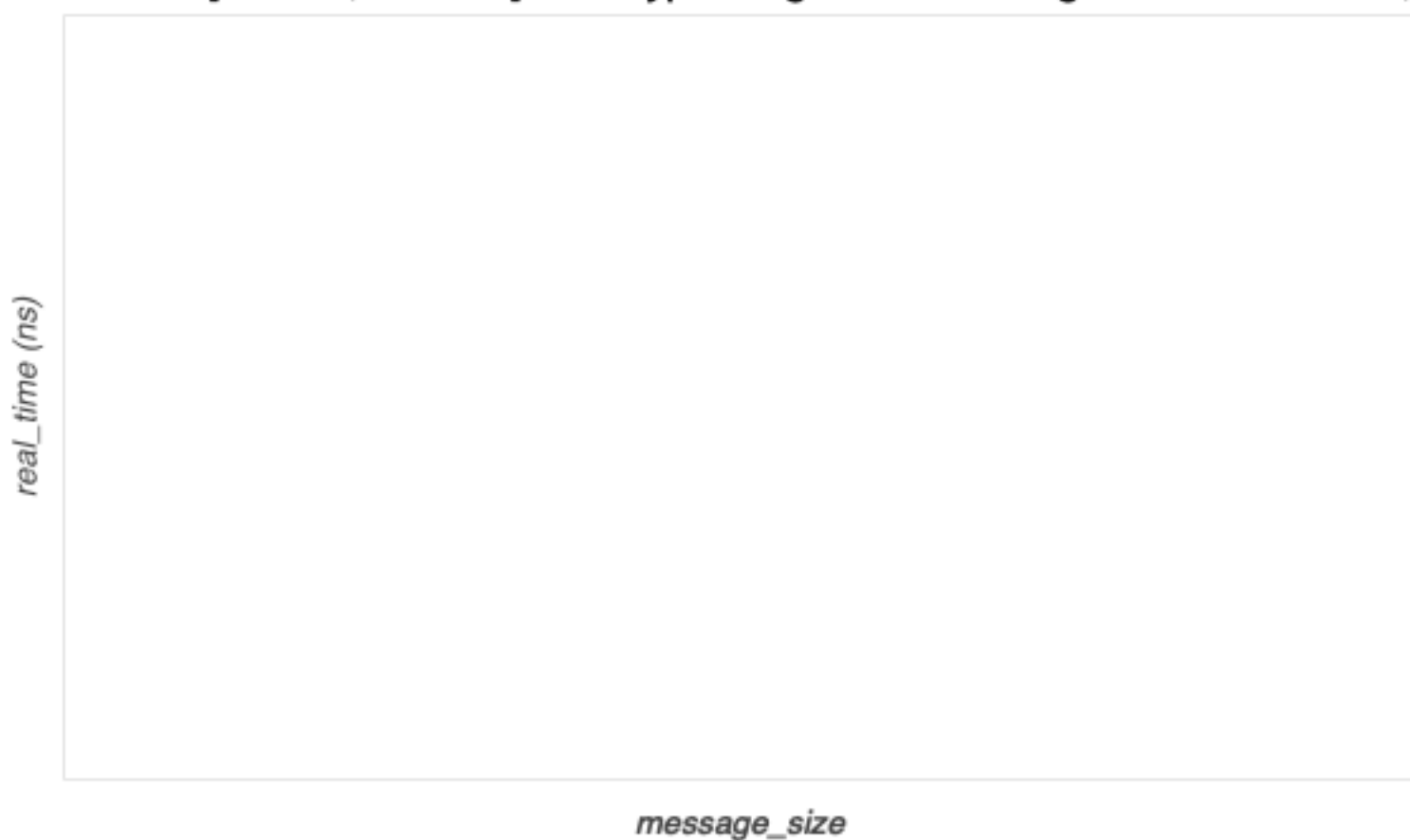
run_ids ['Zu60n', 'aUZF6'], core_type: singleCore echoBenchmark: federate_count vs real_time



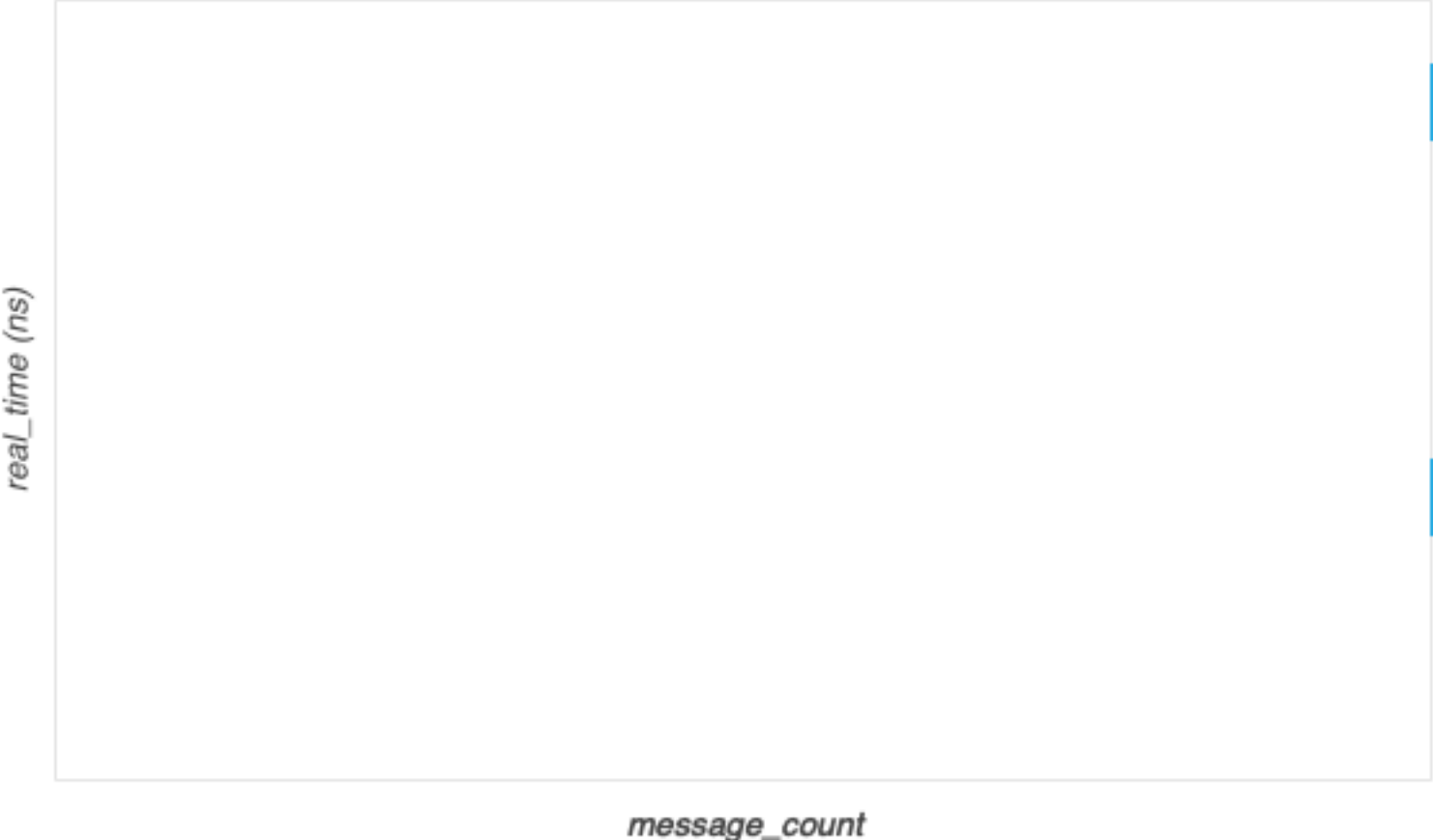
run_ids ['Zu60n', 'aUZF6'], core_type: singleCore echoMessageBenchmark



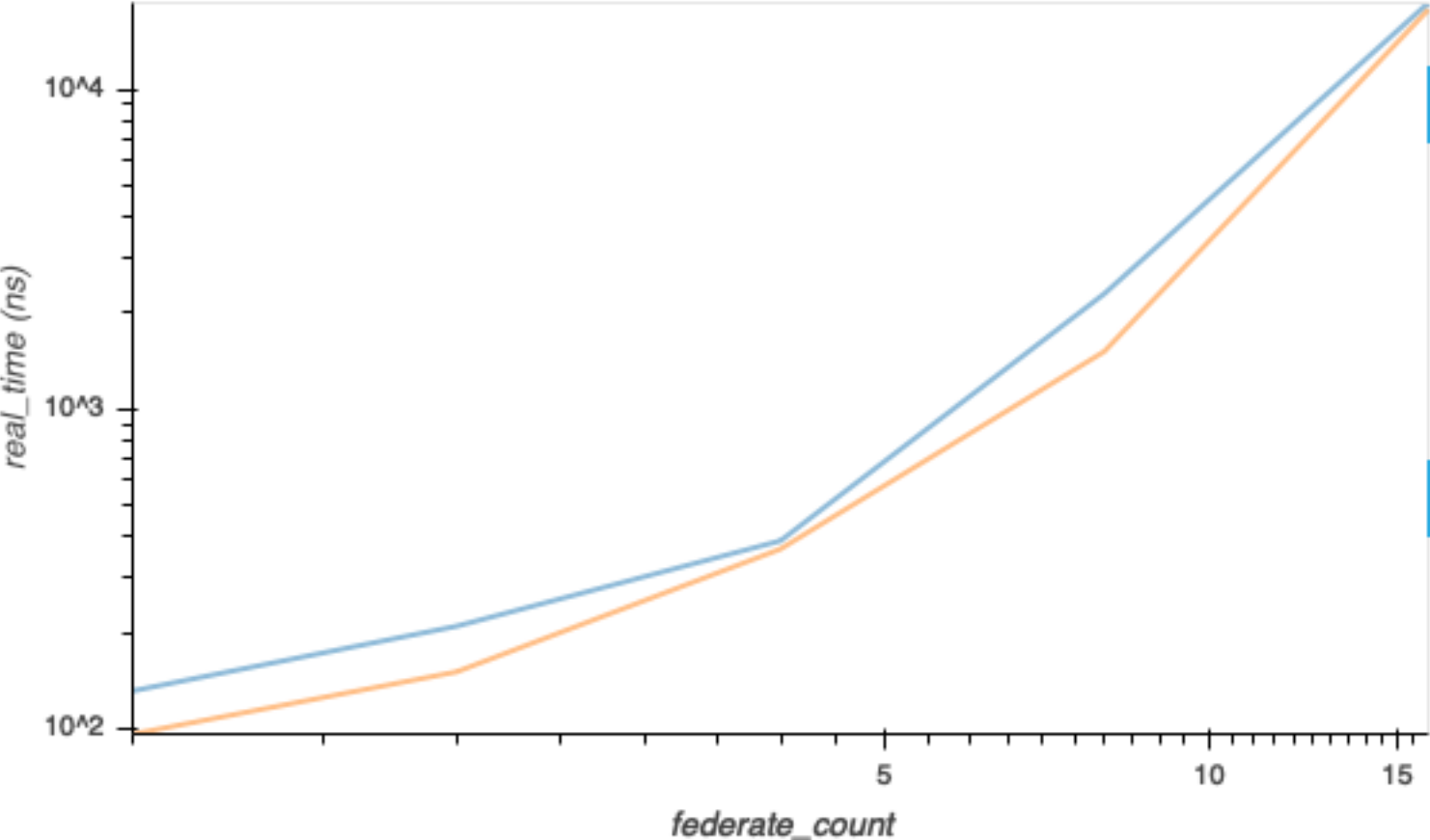
run_ids ['Zu60n', 'aUZF6'] core_type: singleCore messageSendBenchmark, n



run_ids ['Zu60n', 'aUZF6'] core_type: singleCore messageSendBenchmark, m



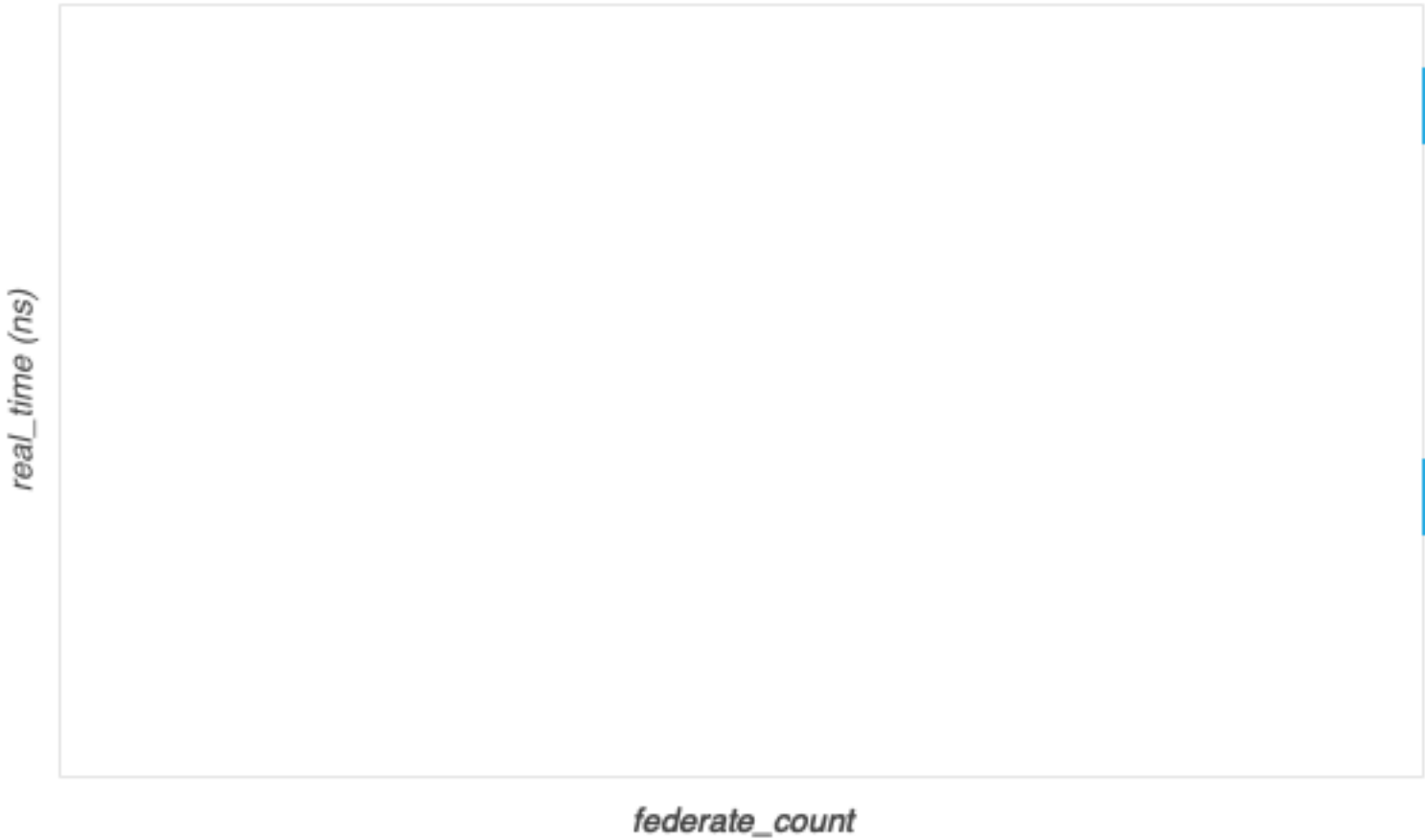
run_ids ['Zu60n', 'aUZF6'] core_type: singleCore pholdBenchmark: feder



run_ids ['Zu60n', 'aUZF6'] core_type: singleCore ringBenchmark: federate



run_ids ['Zu60n', 'aUZF6'], core_type: unspecified echoBenchmark: federate



run_ids ['Zu60n', 'aUZF6'], core_type: unspecified echoMessageBenchmark:

real_time (ns)

federate_count

run_ids ['Zu60n', 'aUZF6'] core_type: unspecified messageSendBenchmark:

real_time (ns)

message_size

run_ids ['Zu60n', 'aUZF6'] core_type: unspecified messageSendBenchmark,

real_time (ns)

message_count

run_ids ['Zu60n', 'aUZF6'] core_type: unspecified pholdBenchmark: federate,

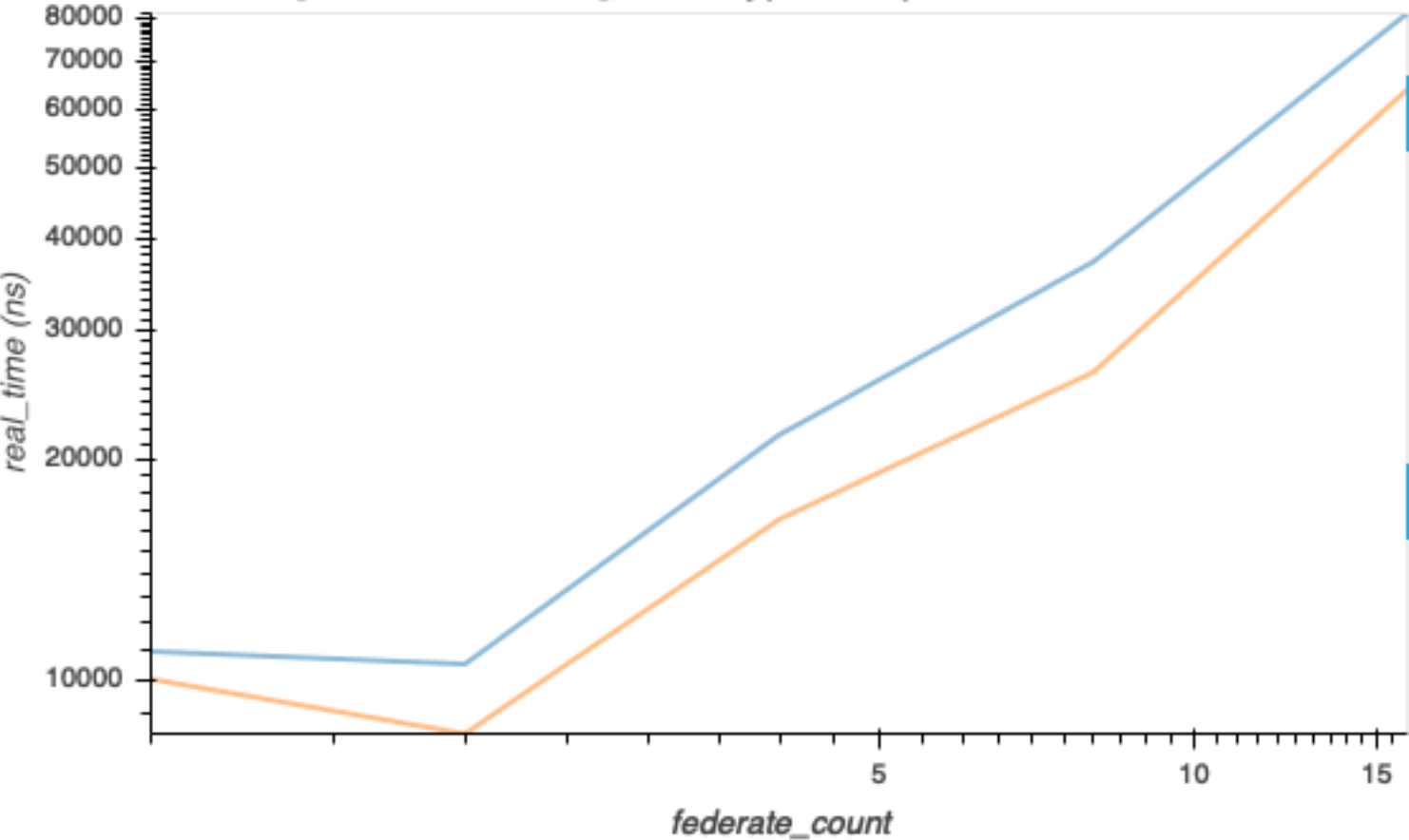
real_time (ns)

federate_count

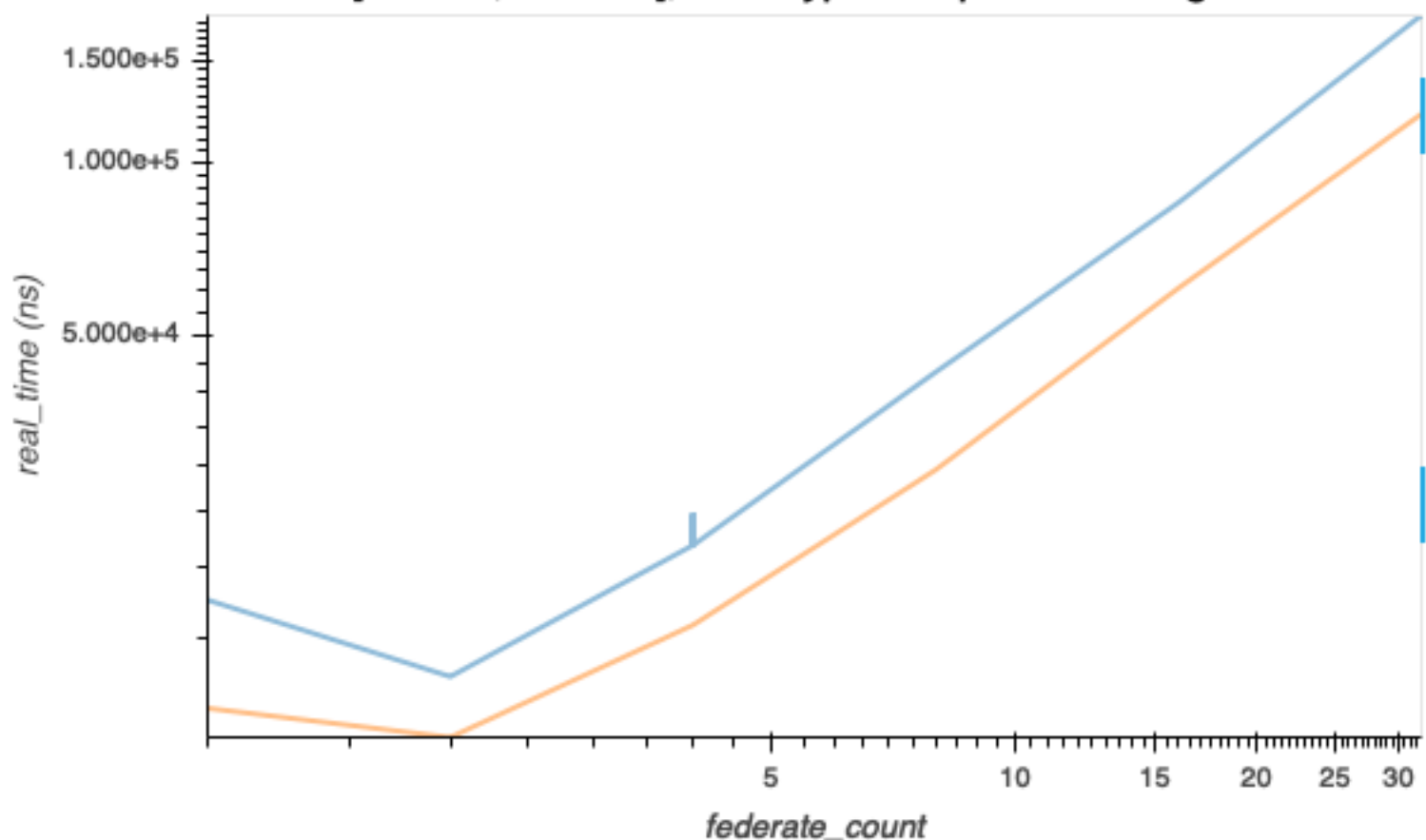
run_ids ['Zu60n', 'aUZF6'] core_type: unspecified ringBenchmark: federate_count



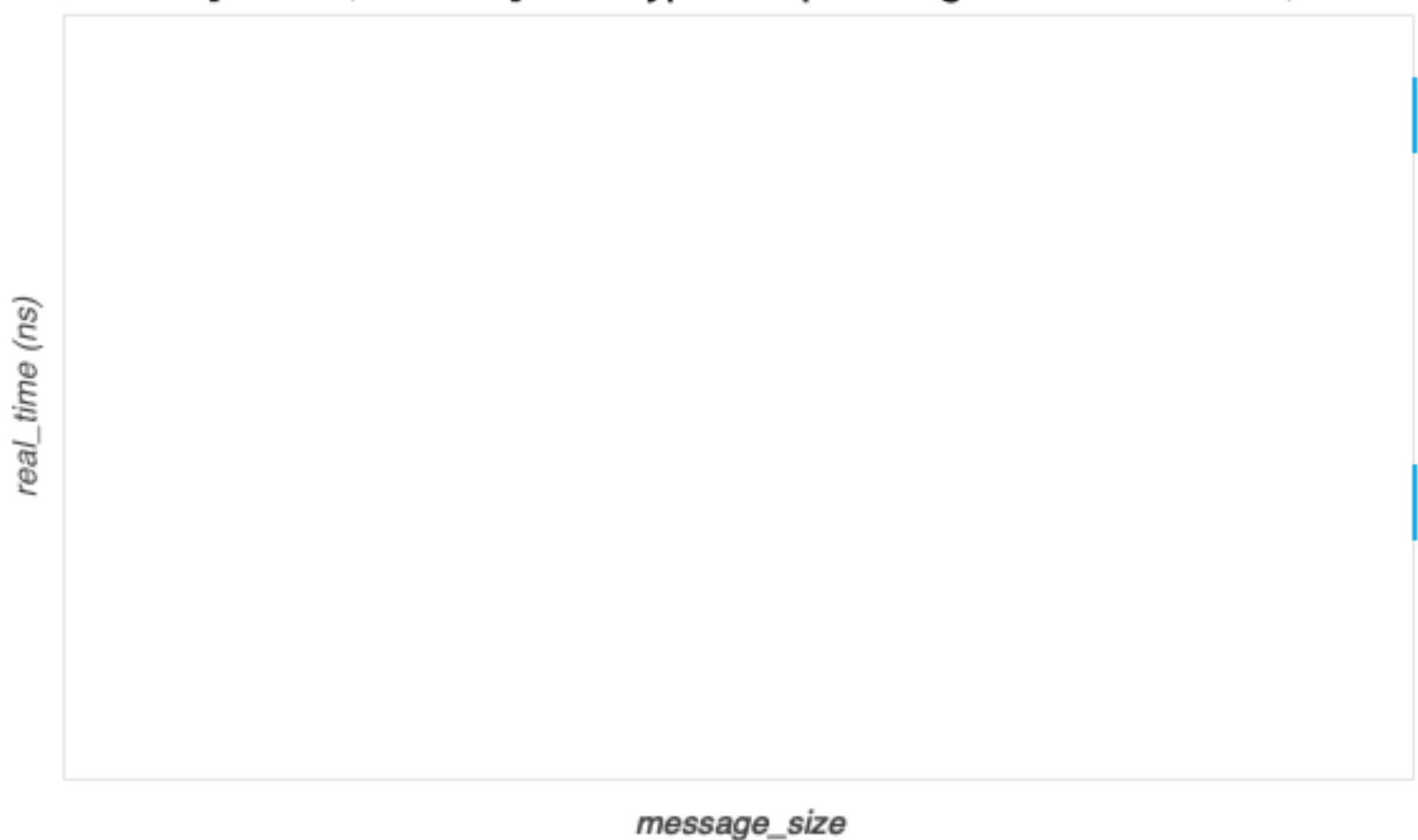
run_ids ['Zu60n', 'aUZF6'], core_type: zmq echoBenchmark: federate_count



run_ids ['Zu60n', 'aUZF6'], core_type: zmq echoMessageBenchmark



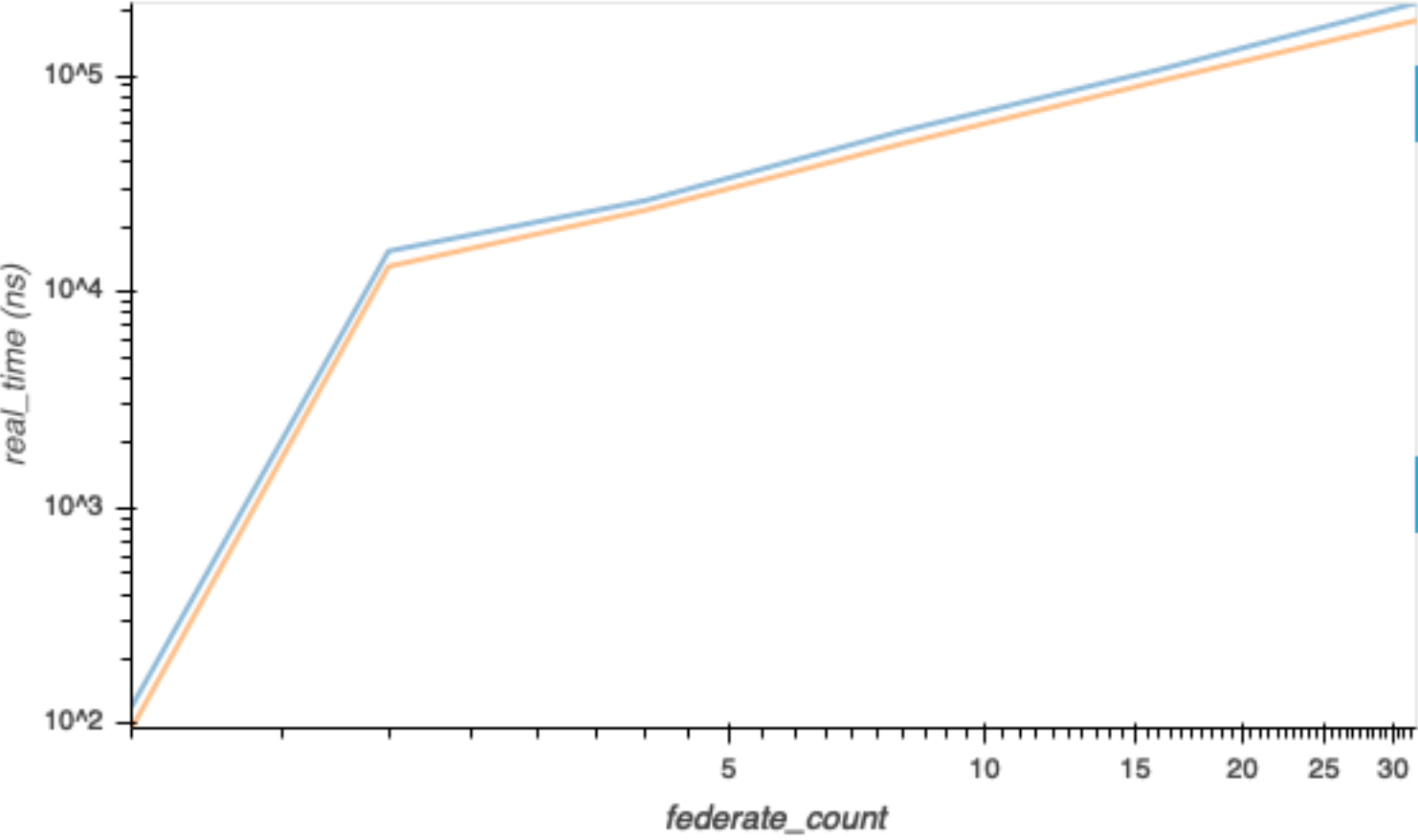
run_ids ['Zu60n', 'aUZF6'] core_type: zmq messageSendBenchmark, messa



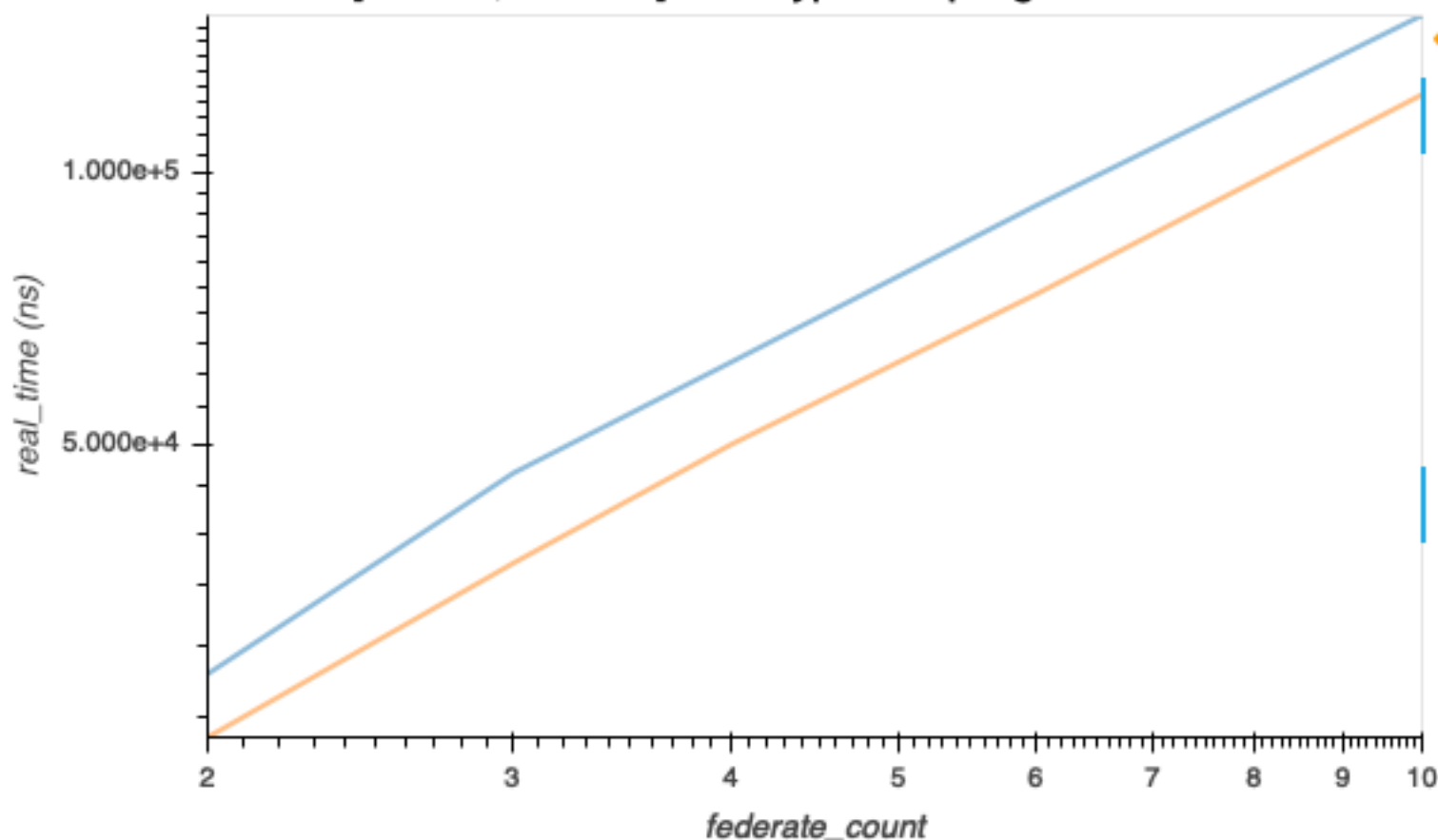
run_ids ['Zu60n', 'aUZF6'] core_type: zmq messageSendBenchmark, messa



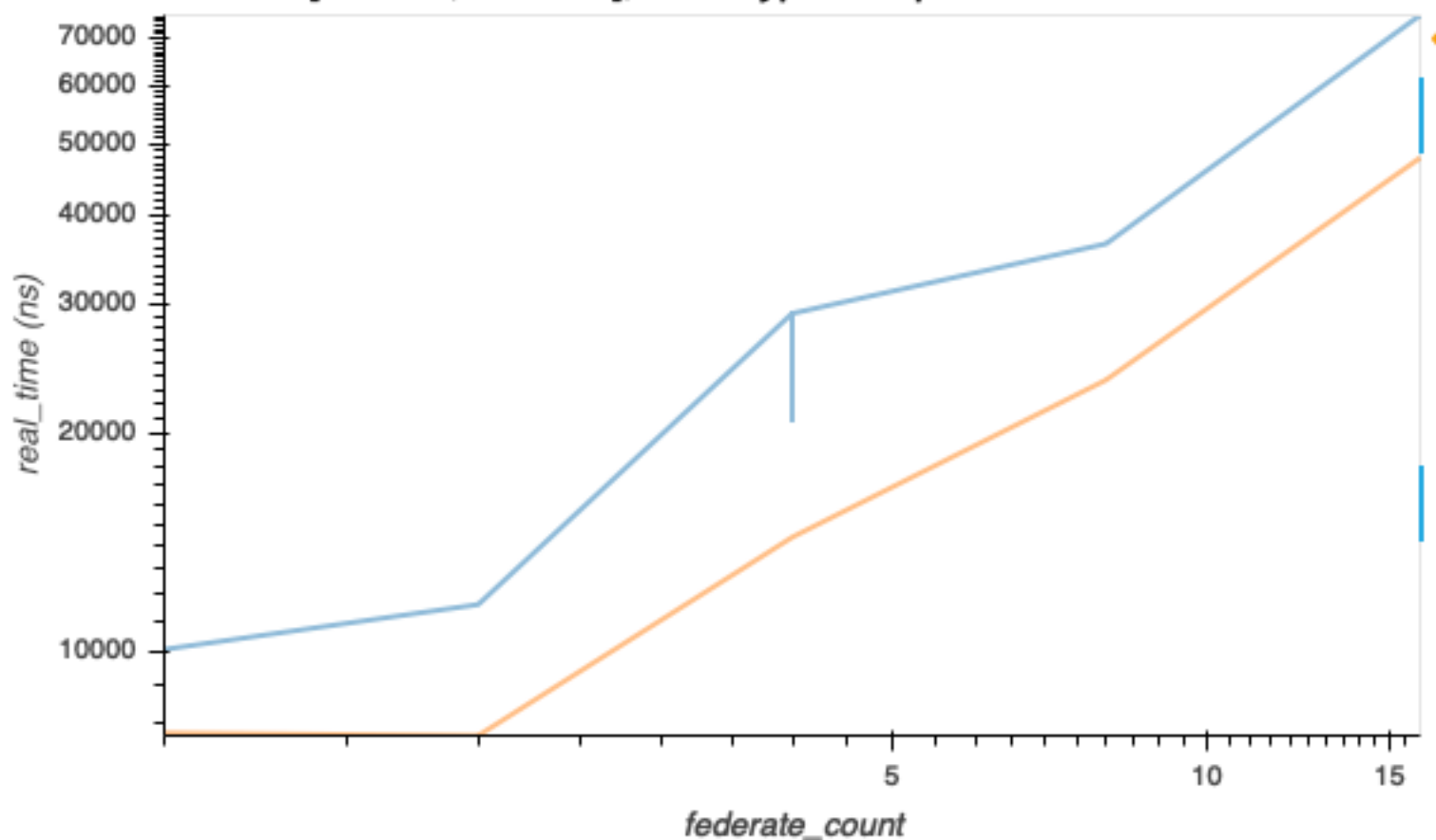
run_ids ['Zu60n', 'aUZF6'] core_type: zmq pholdBenchmark: federate_co



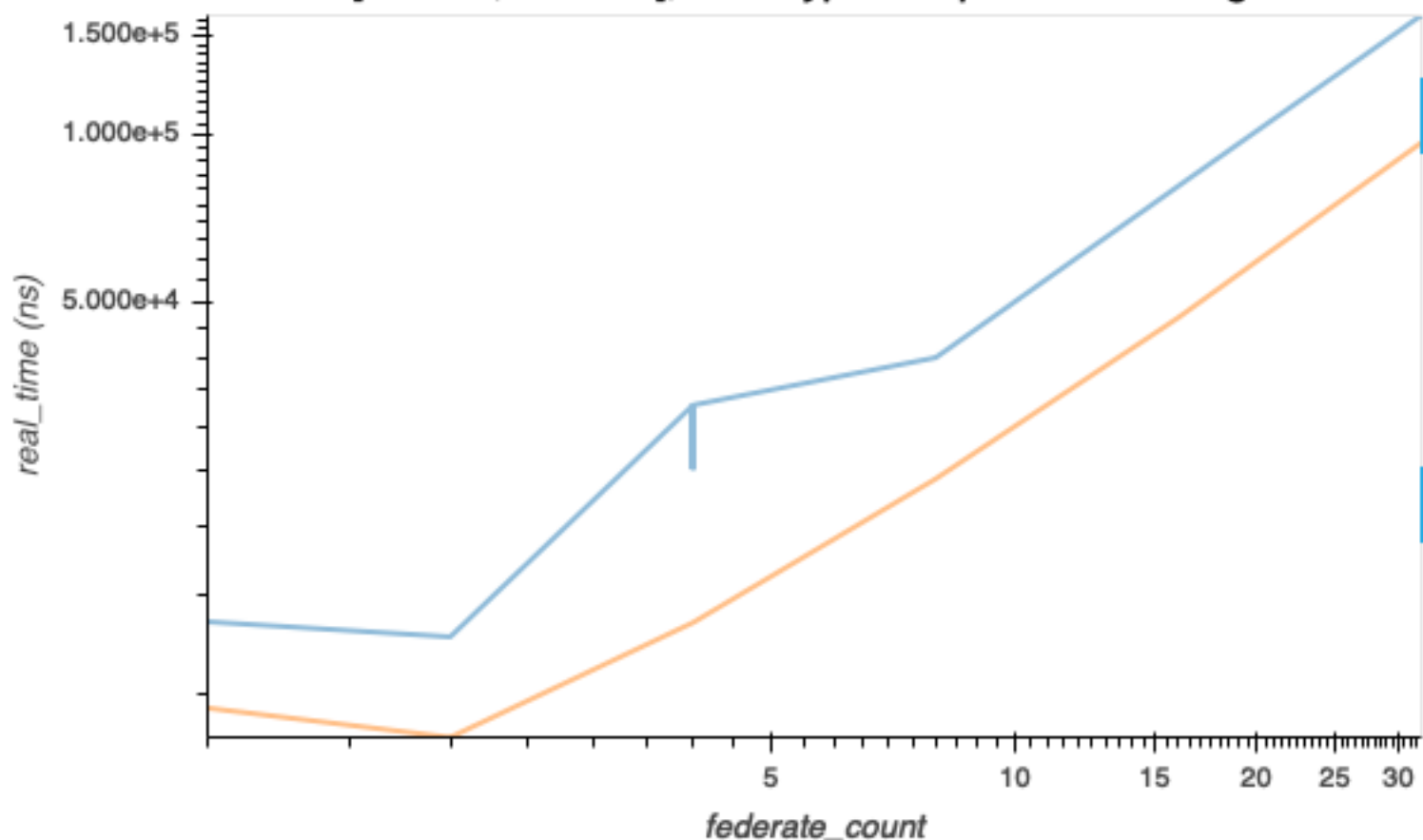
run_ids ['Zu60n', 'aUZF6'] core_type: zmq ringBenchmark: federate_count



run_ids ['Zu60n', 'aUZF6'], core_type: zmqss echoBenchmark: federate_count



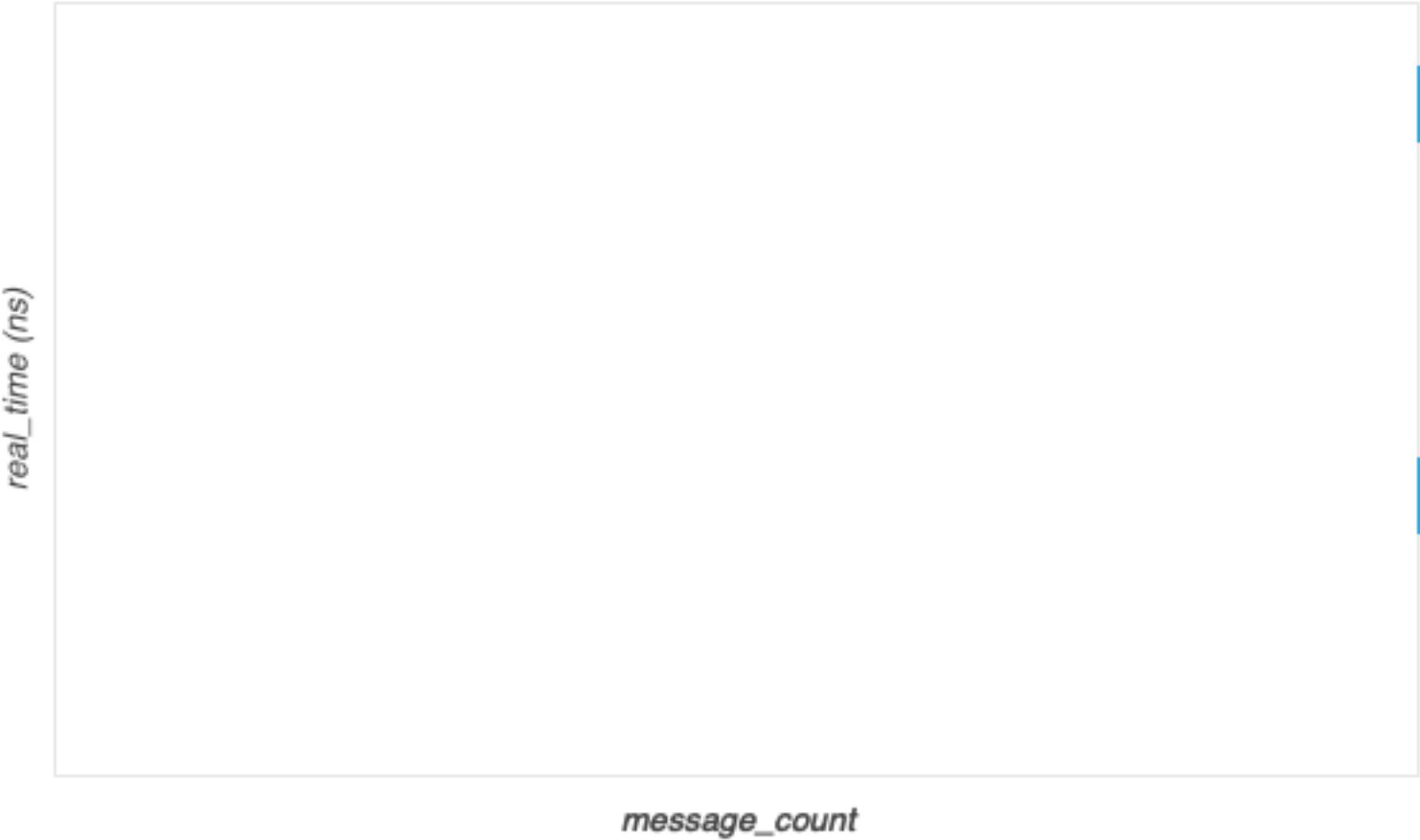
run_ids ['Zu60n', 'aUZF6'], core_type: zmqss echoMessageBenchmark



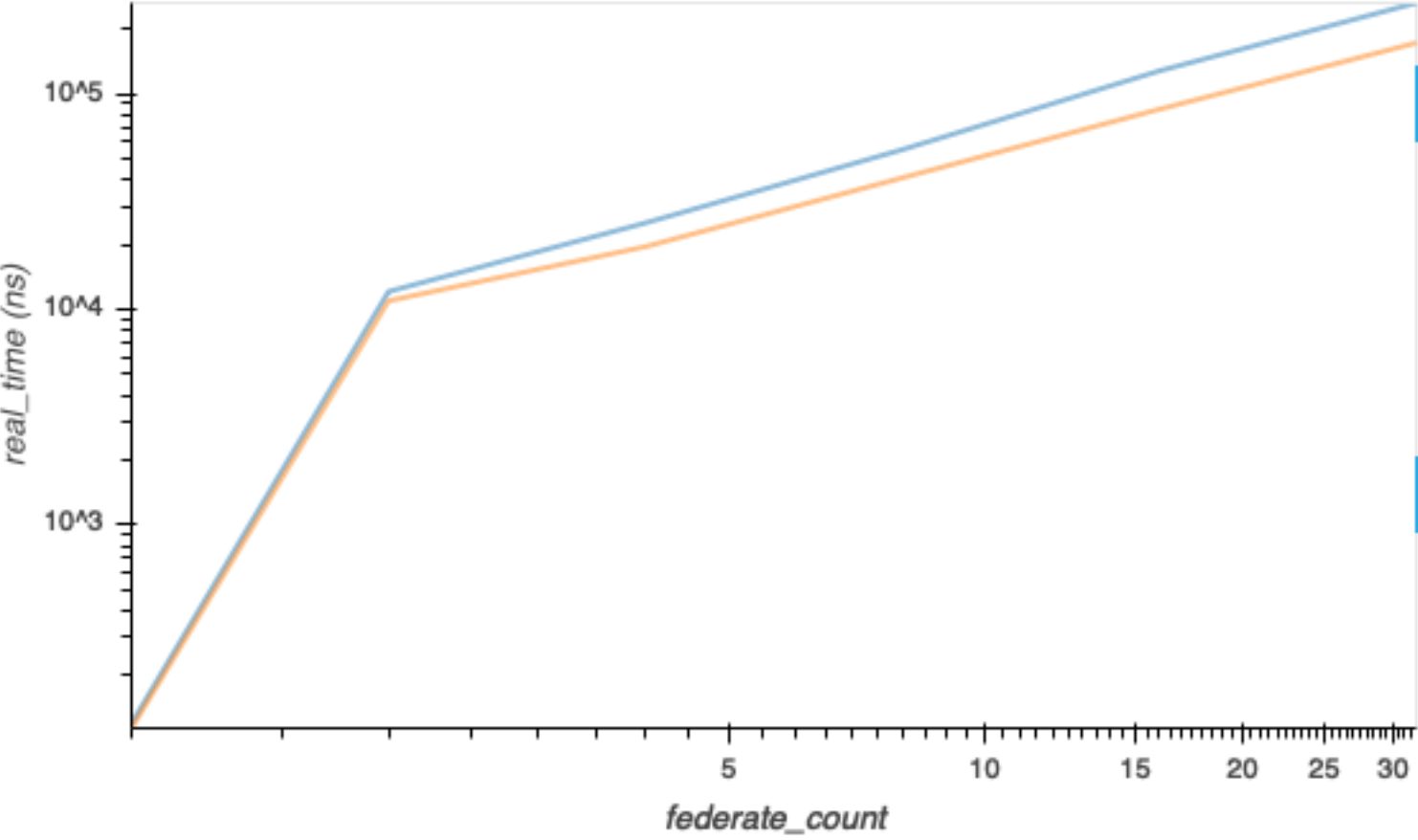
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run_ids ['Zu60n', 'aUZF6'] core_type: zmqss pholdBenchmark: federate



run_ids ['Zu60n', 'aUZF6'] core_type: zmqss ringBenchmark: federate

