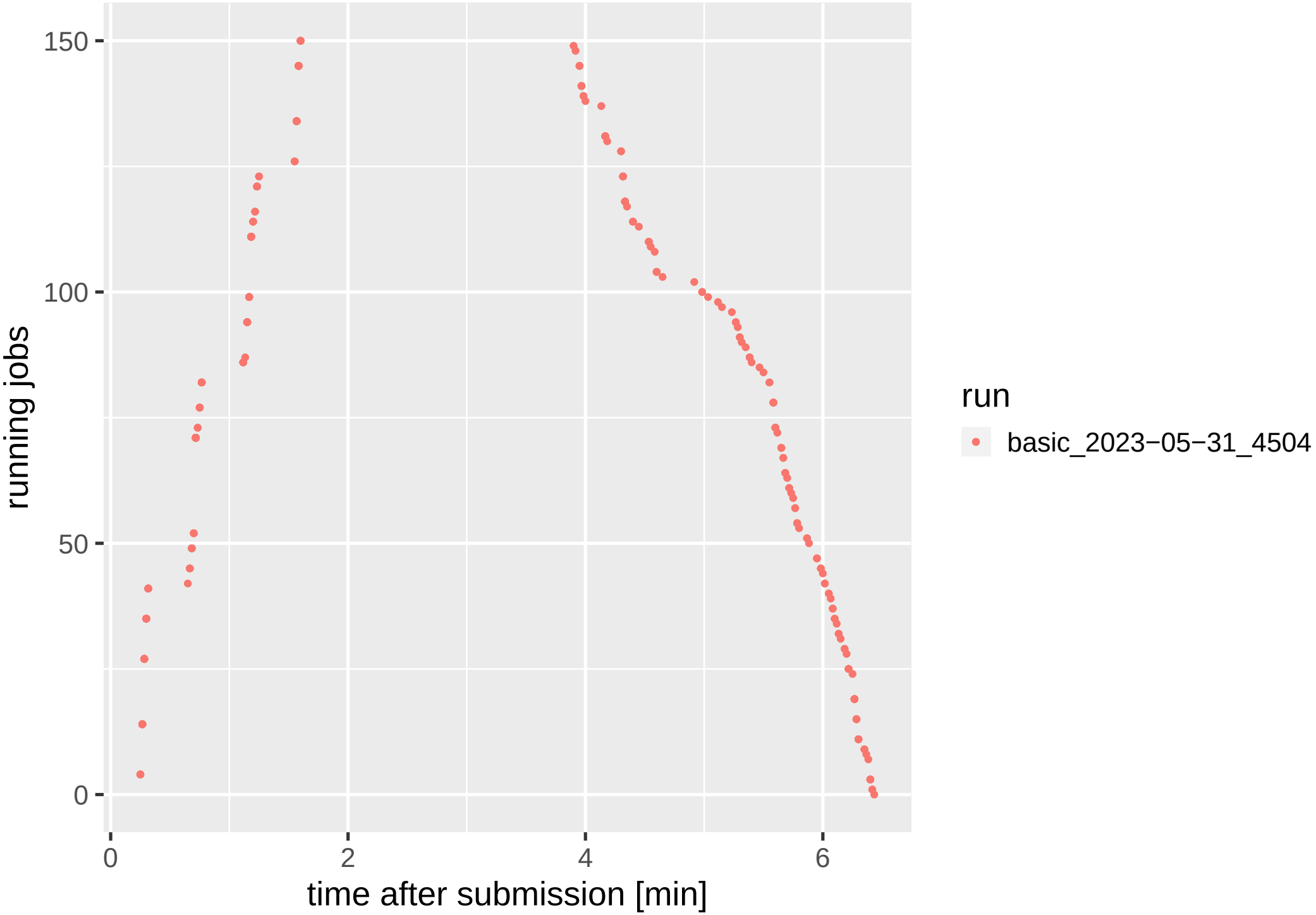
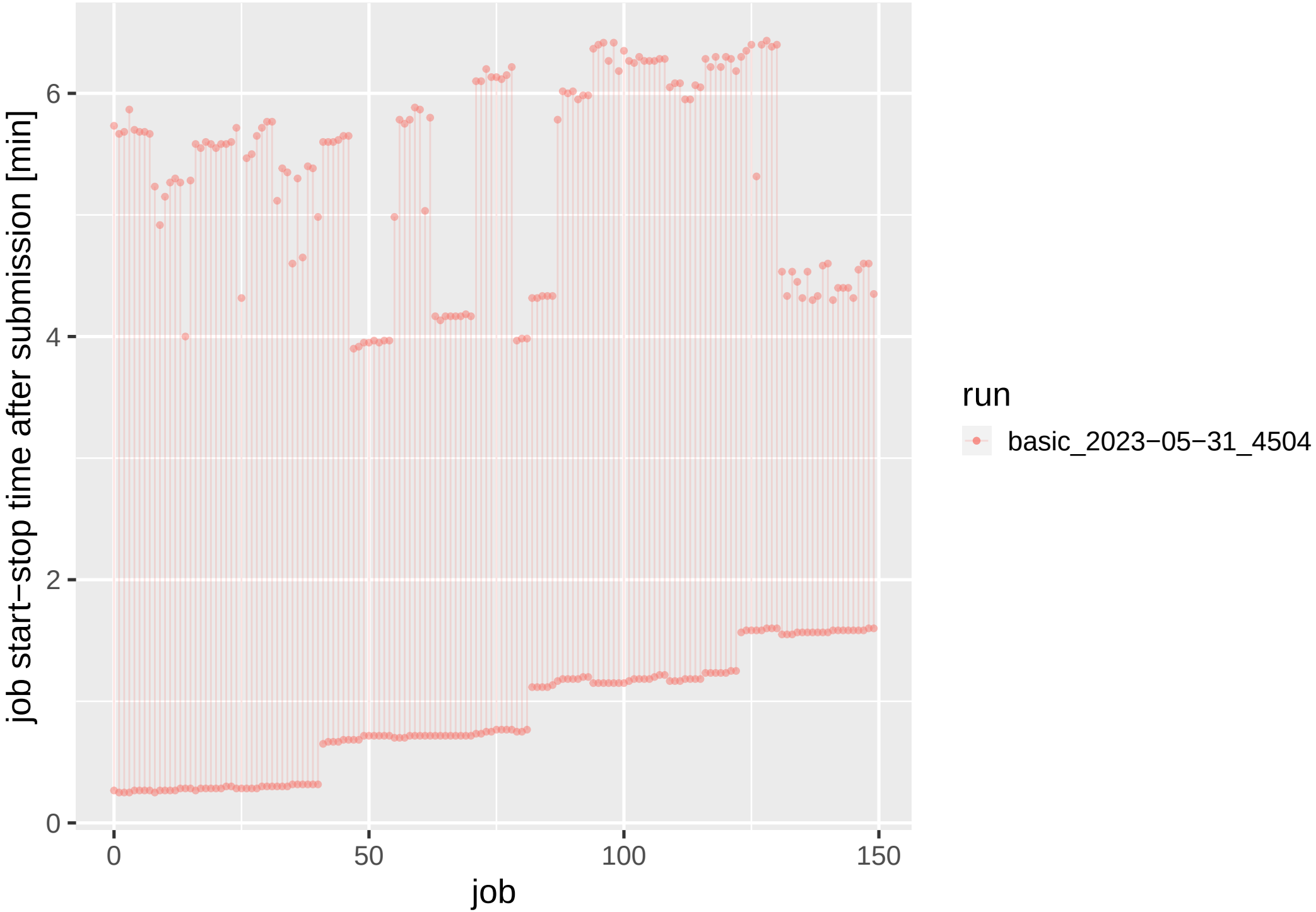
	cluster	label	submitted	jobs	max running	mean [min]	stderr [min]	stdev [min]	min [min]	max [min]	overall [min]	throughput [jobs/h]
1	4504	basic_2023−05−31	2023−05−31 12:59:28	150	150	4.478111	0.07556057	0.9254242	2.716667	5.616667	6.433333	1398.964

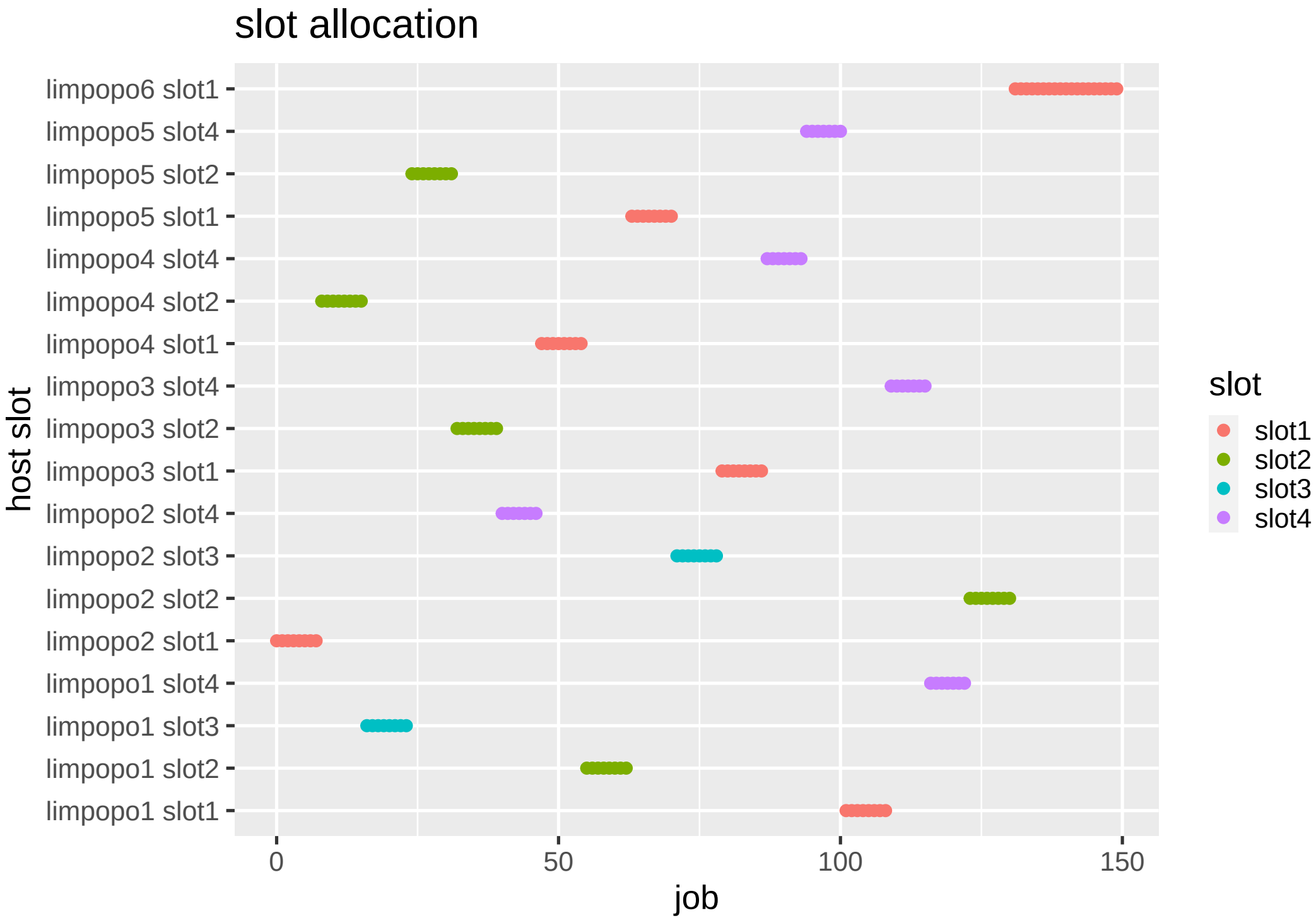
	cluster	host	label	submitted	jobs	mean [min]	stderr [min]	stdev [min]	min [min]	max [min]
1	4504	limpopo1	basic_2023−05−31	2023−05−31 12:59:29	31	5.074731	0.04204929	0.2341205	4.283333	5.316667
2	4504	limpopo2	basic_2023−05−31	2023−05−31 12:59:28	31	5.108602	0.06996701	0.3895598	3.733333	5.616667
3	4504	limpopo3	basic_2023−05−31	2023−05−31 12:59:29	23	4.278261	0.17080320	0.8191433	3.200000	5.083333
4	4504	limpopo4	basic_2023−05−31	2023−05−31 12:59:29	23	4.242754	0.16534000	0.7929428	3.216667	5.033333
5	4504	limpopo5	basic_2023−05−31	2023−05−31 12:59:29	23	4.587681	0.18658400	0.8948254	3.416667	5.466667
6	4504	limpopo6	basic_2023−05−31	2023−05−31 12:59:29	19	2.870175	0.02690376	0.1172708	2.716667	3.033333

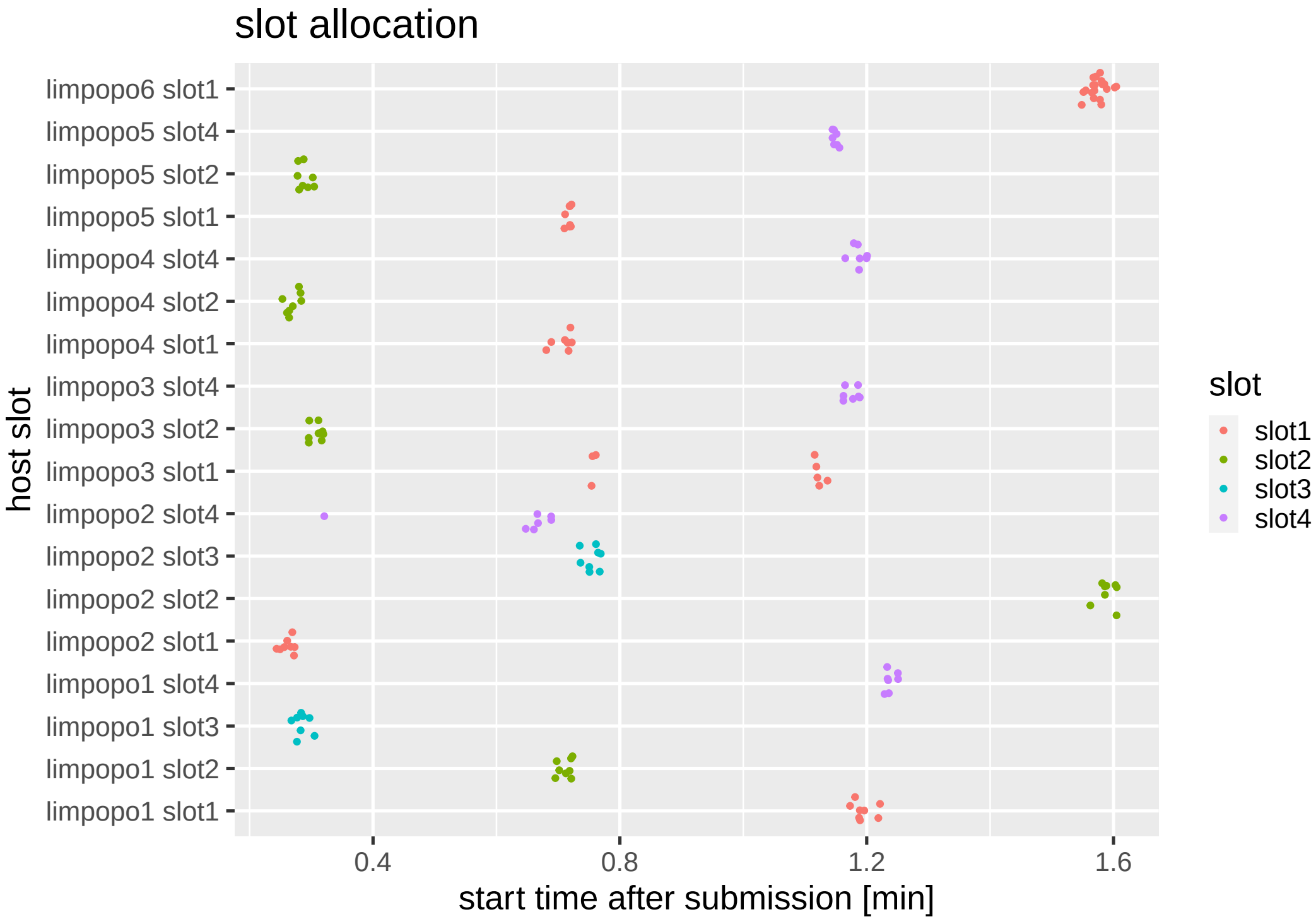
	cluster	label	mean CPUs	mean disk usage−request [KB]	min [KB]	max [KB]	mean memory usage [MB]	min [MB]	max [MB]
1	4504	basic_2023−05−31	0.5446667	−146.0467	−156	−141	375.2	1	460

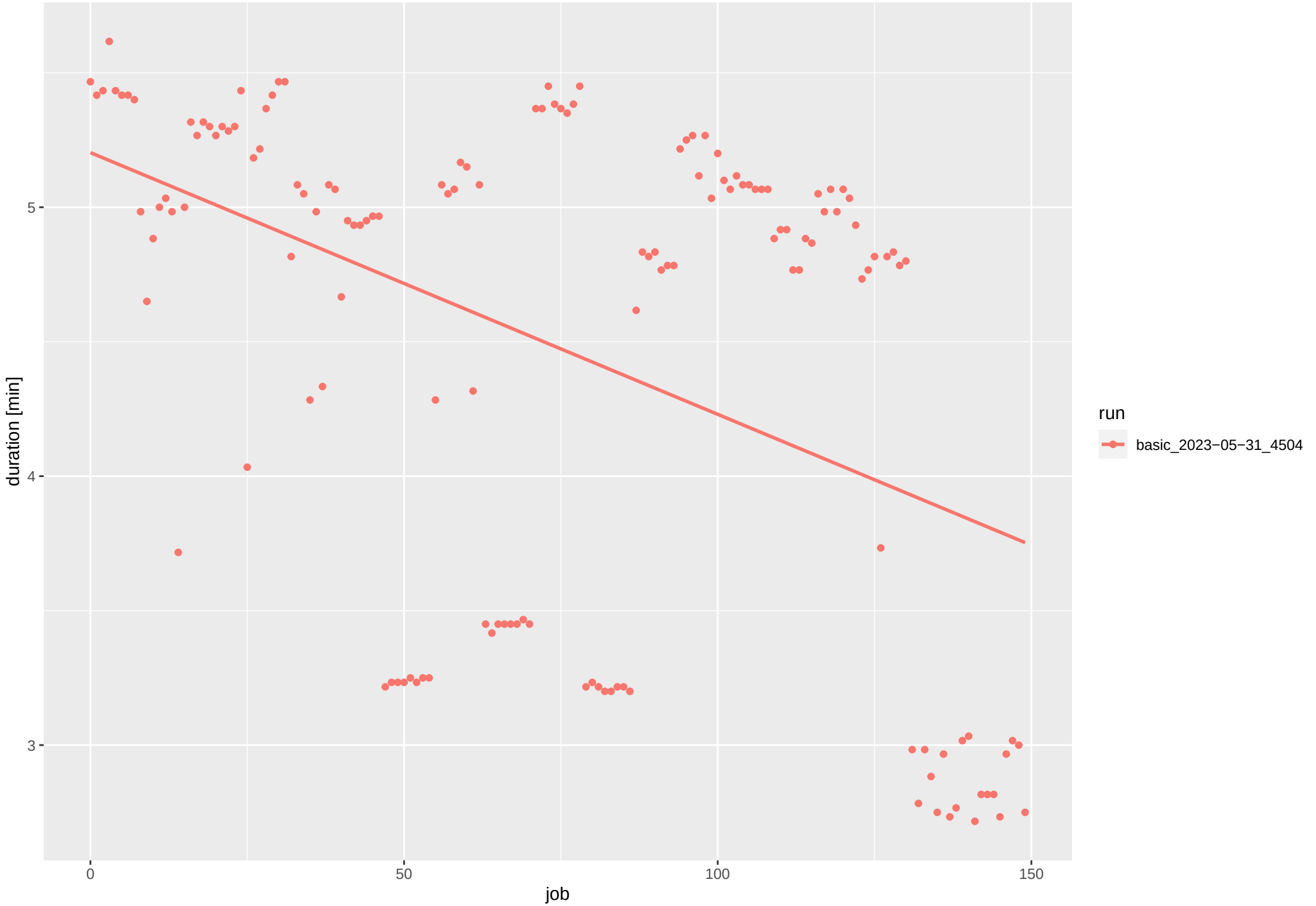

150
100
50
0
running jobs
0
2
4
6
time after submission [min]
run
basic_2023−05−31_4504

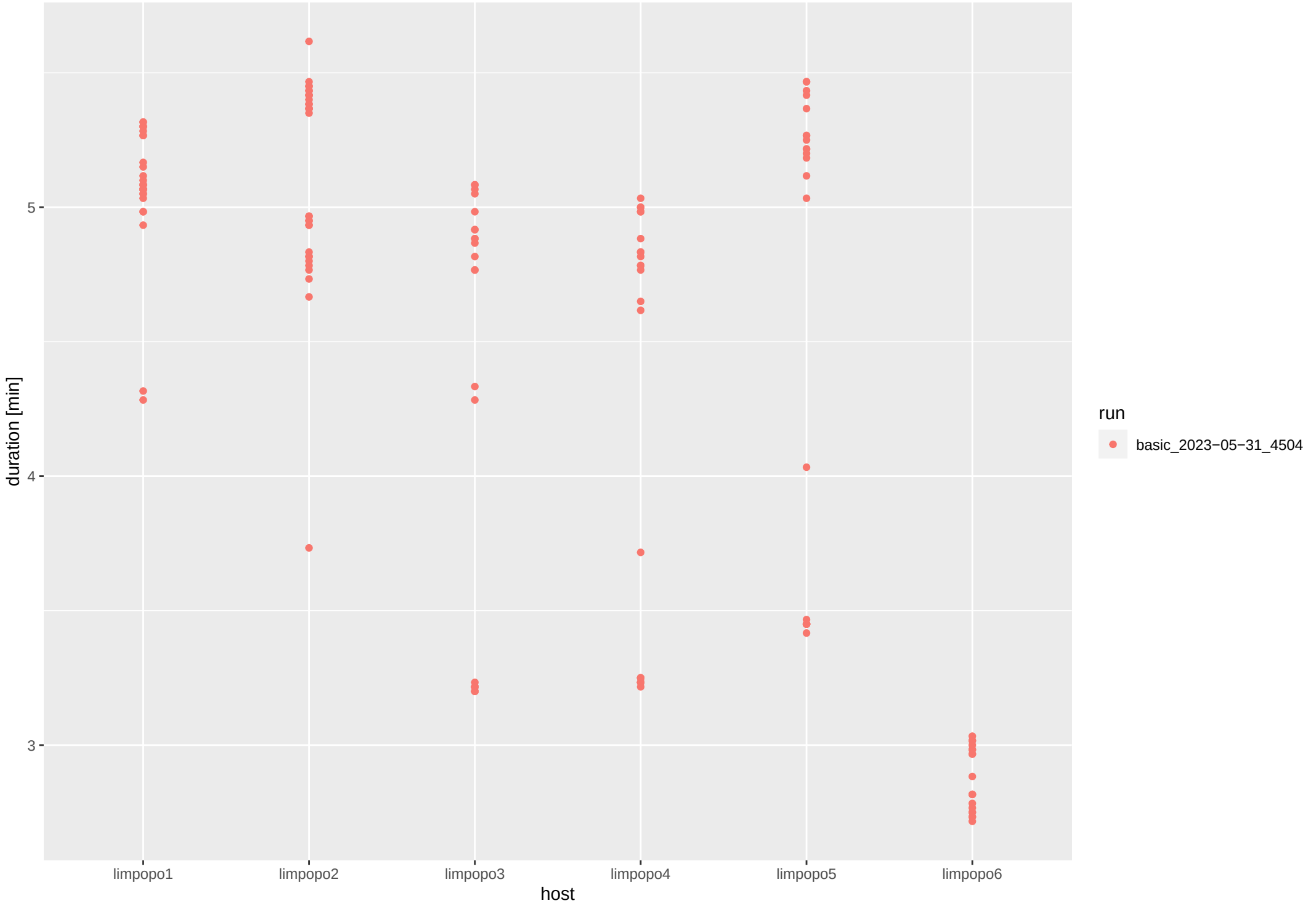

job start−stop time after submission [min]
0
2
4
6
0
50
100
150
job
run
basic_2023−05−31_4504

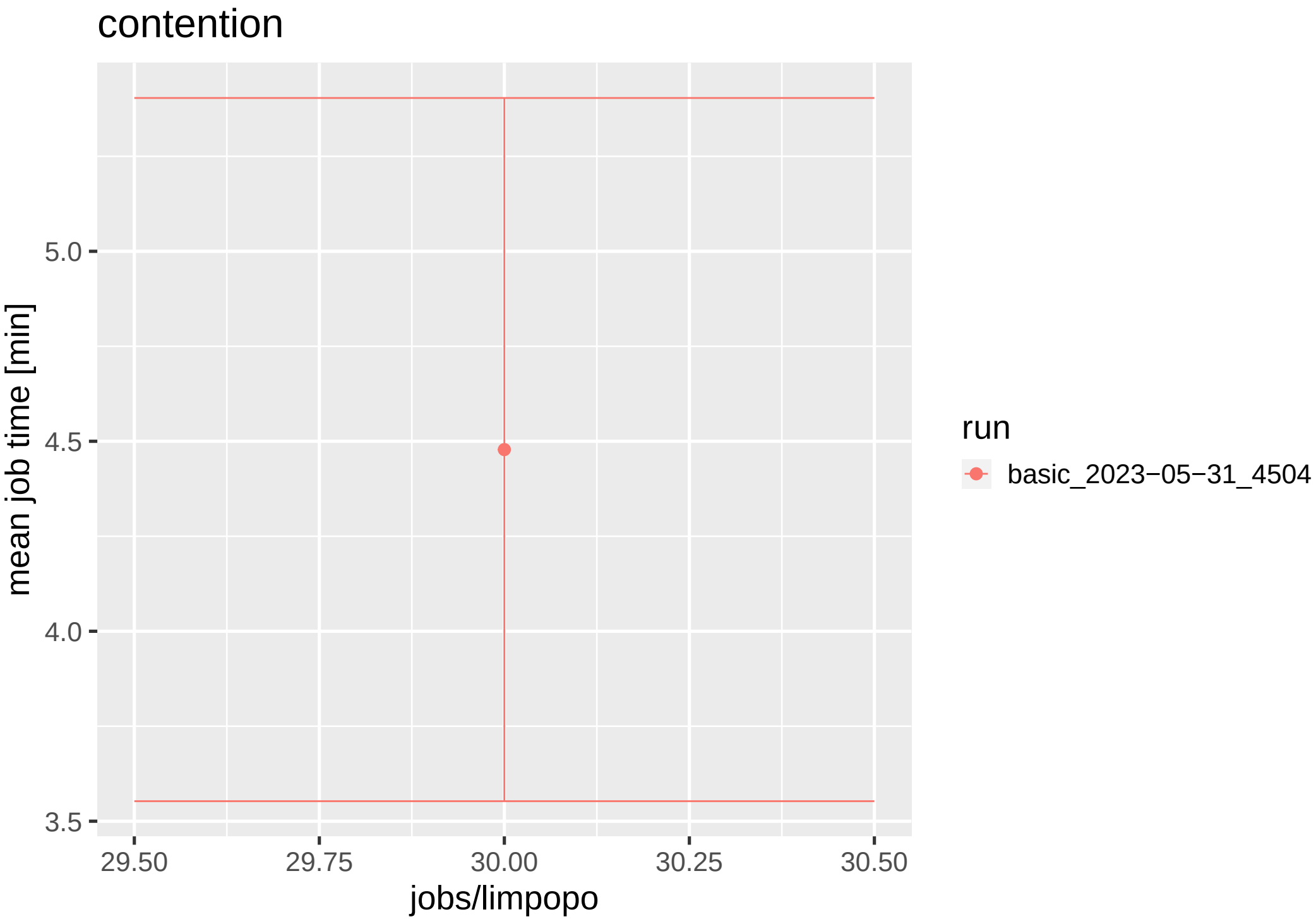
job start−stop time after submission [min]
0
2
4
6
0
50
100
150
job
slot
slot1
slot2
slot3
slot4

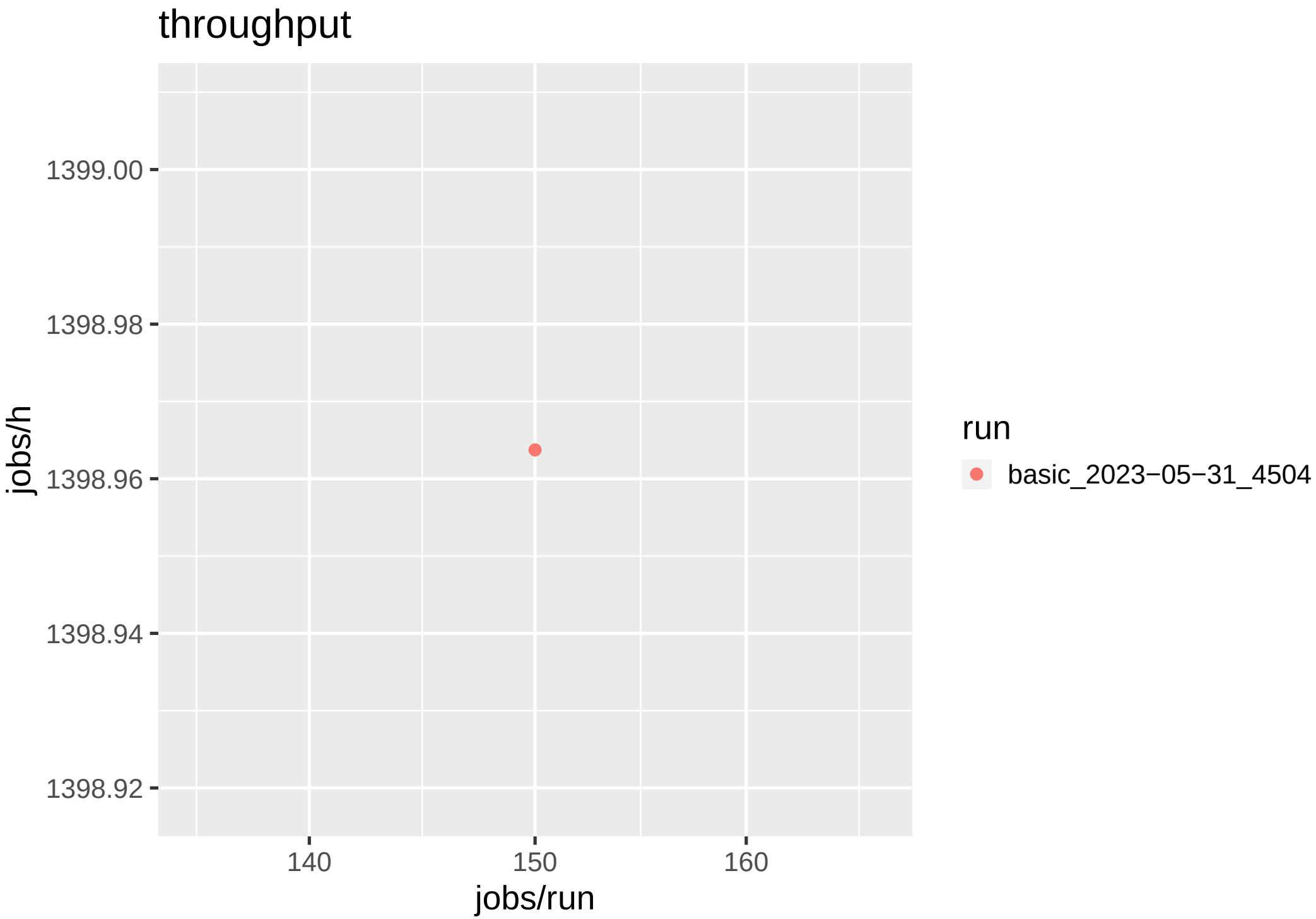

slot allocation
limpopo6 slot1
limpopo5 slot4
limpopo5 slot2
limpopo5 slot1
limpopo4 slot4
limpopo4 slot2
limpopo4 slot1
limpopo3 slot4
limpopo3 slot2
limpopo3 slot1
limpopo2 slot4
limpopo2 slot3
limpopo2 slot2
limpopo2 slot1
limpopo1 slot4
limpopo1 slot3
limpopo1 slot2
limpopo1 slot1
host slot
0
50
100
150
job
slot
slot1
slot2
slot3
slot4


slot allocation
limpopo6 slot1
limpopo5 slot4
limpopo5 slot2
limpopo5 slot1
limpopo4 slot4
limpopo4 slot2
limpopo4 slot1
limpopo3 slot4
limpopo3 slot2
limpopo3 slot1
limpopo2 slot4
limpopo2 slot3
limpopo2 slot2
limpopo2 slot1
limpopo1 slot4
limpopo1 slot3
limpopo1 slot2
limpopo1 slot1
host slot
0.4
0.8
1.2
1.6
start time after submission [min]
slot
slot1
slot2
slot3
slot4


duration [min]
5
4
3
0
50
100
150
job
run
basic_2023−05−31_4504


duration [min]
5
4
3
limpopo1
limpopo2
limpopo3
limpopo4
limpopo5
limpopo6
host
run
basic_2023−05−31_4504


contention
mean job time [min]
5.0
4.5
4.0
3.5
29.50
29.75
30.00
30.25
30.50
jobs/limpopo
run
basic_2023−05−31_4504


throughput
1399.00
1398.98
1398.96
1398.94
1398.92
jobs/h
140
150
160
jobs/run
run
basic_2023−05−31_4504