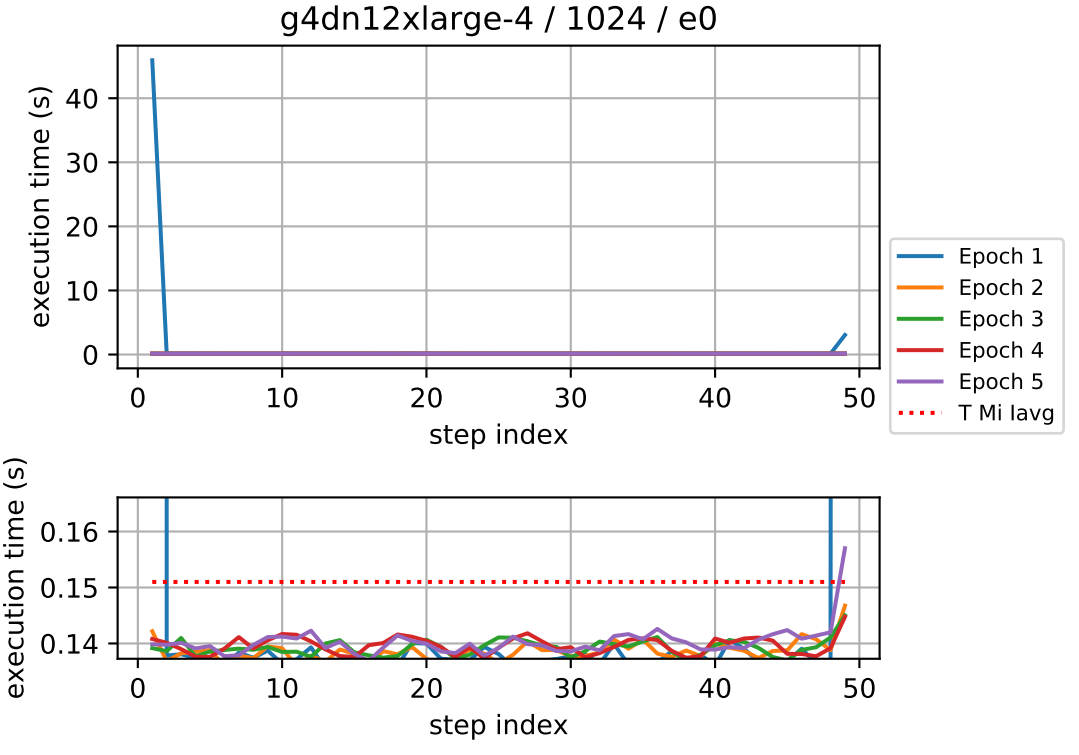
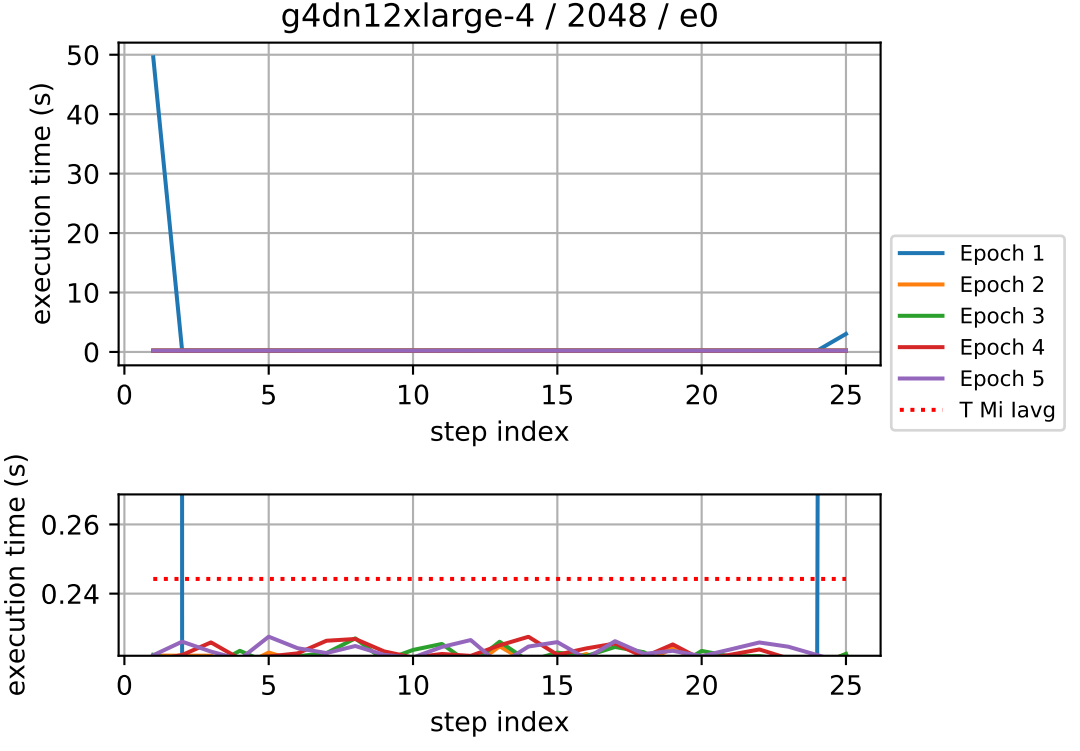
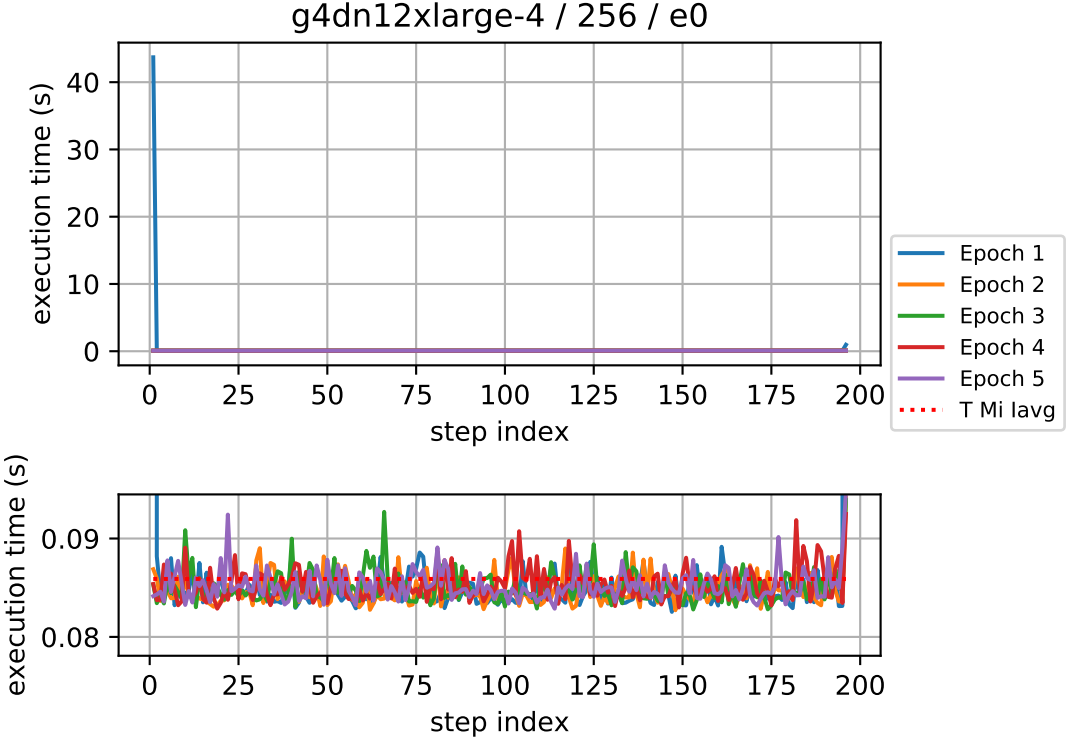
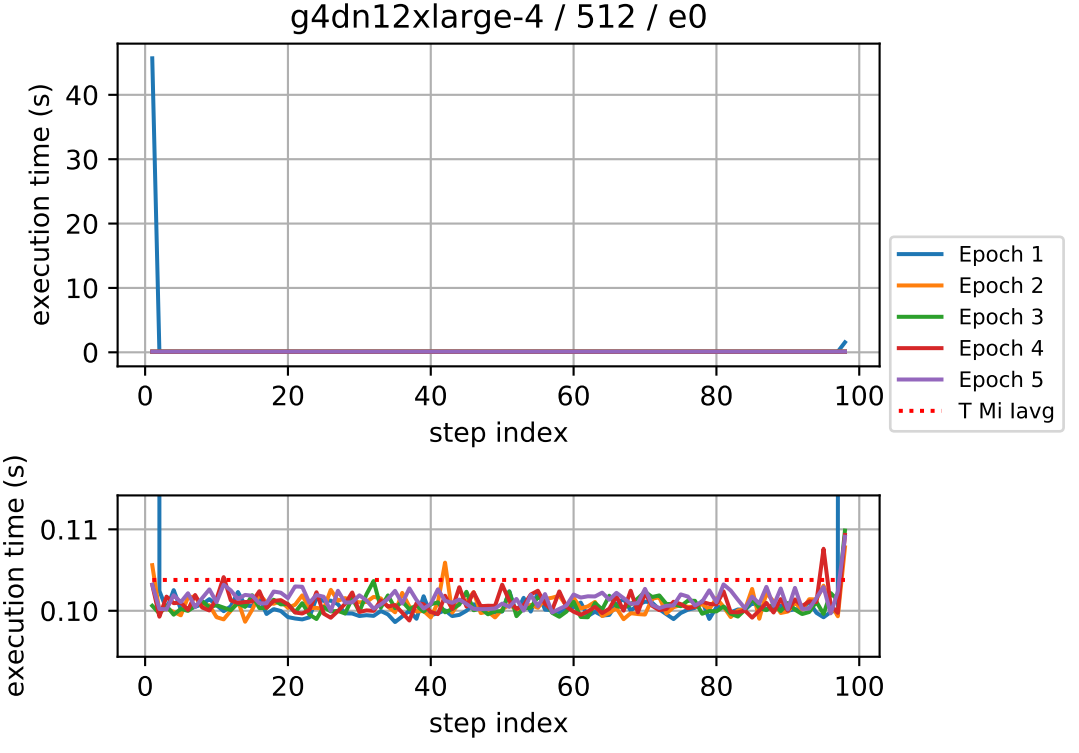
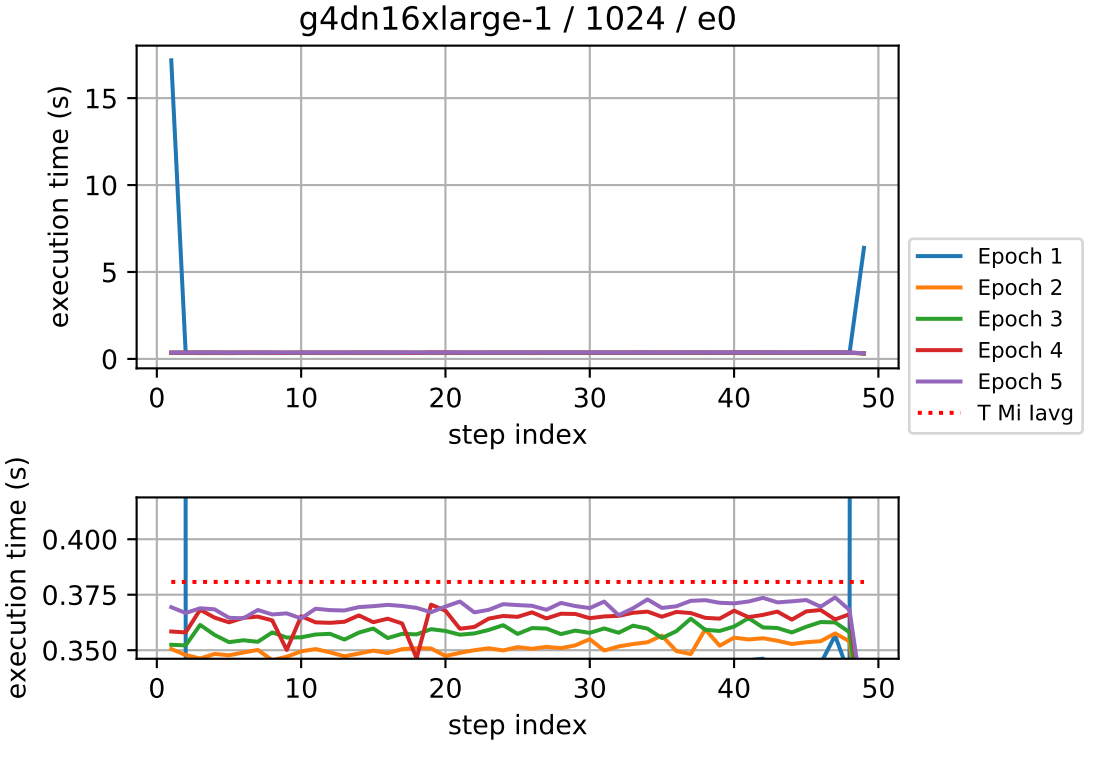
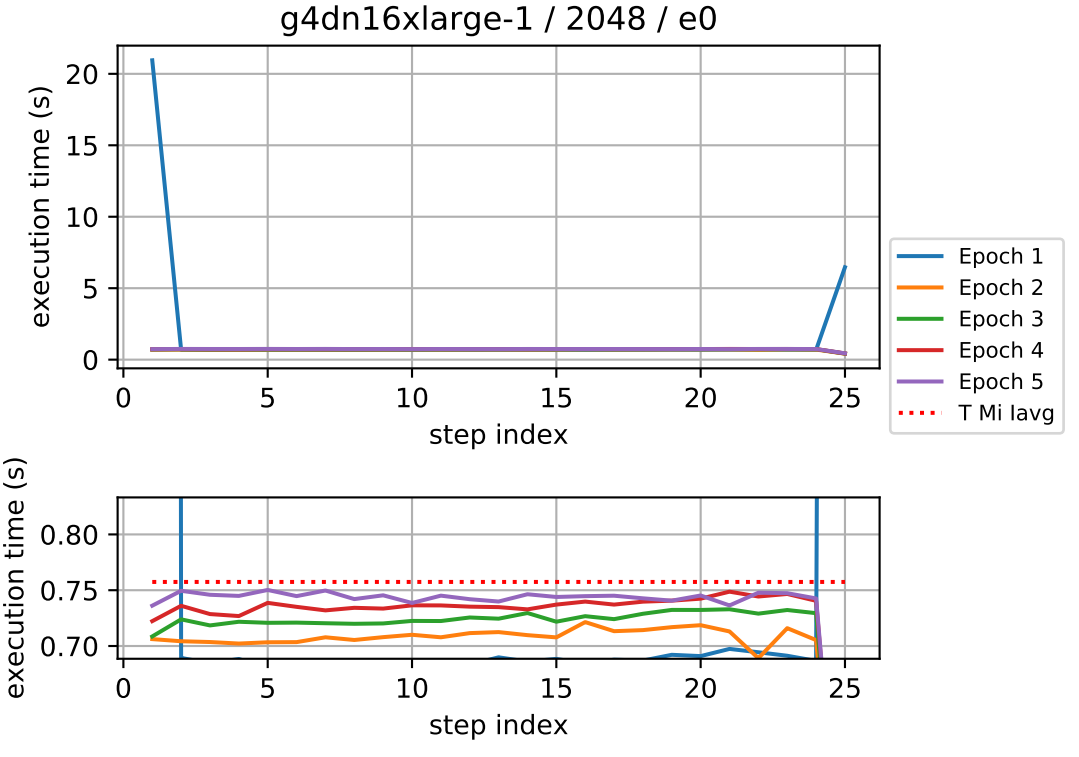

g4dn12xlarge-4 / 1024 / e0
execution time (s)
0
10
20
30
40
step index
0
10
20
30
40
50
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.14
0.15
0.16
step index
0
10
20
30
40
50

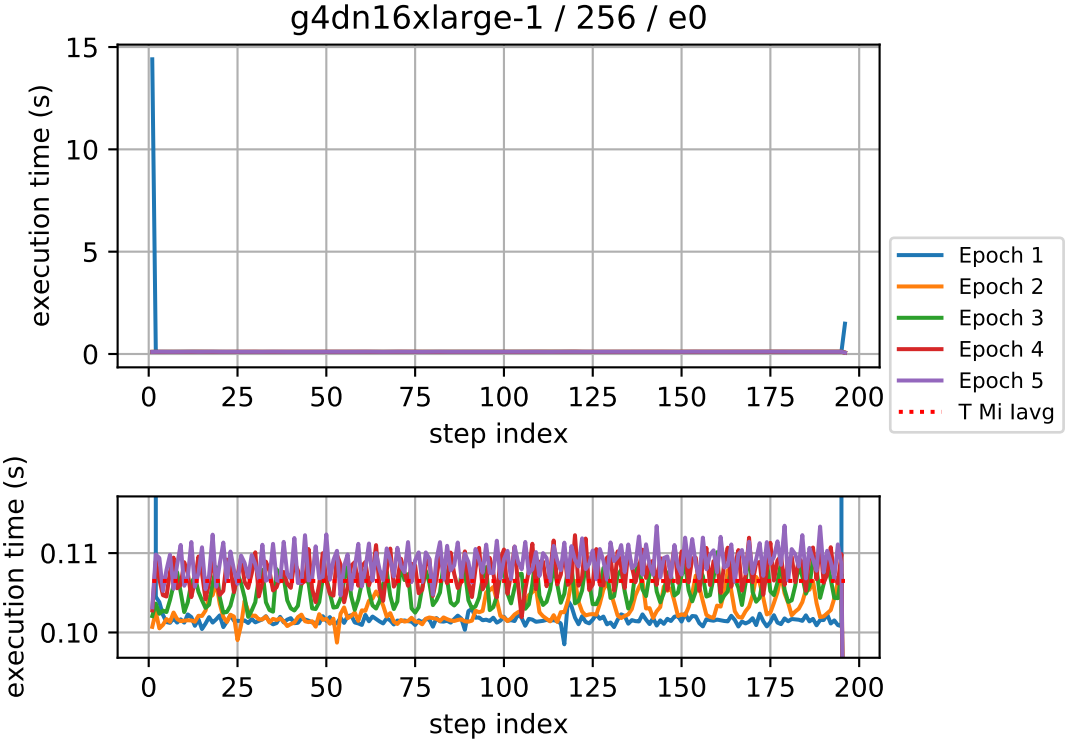

g4dn12xlarge-4 / 2048 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

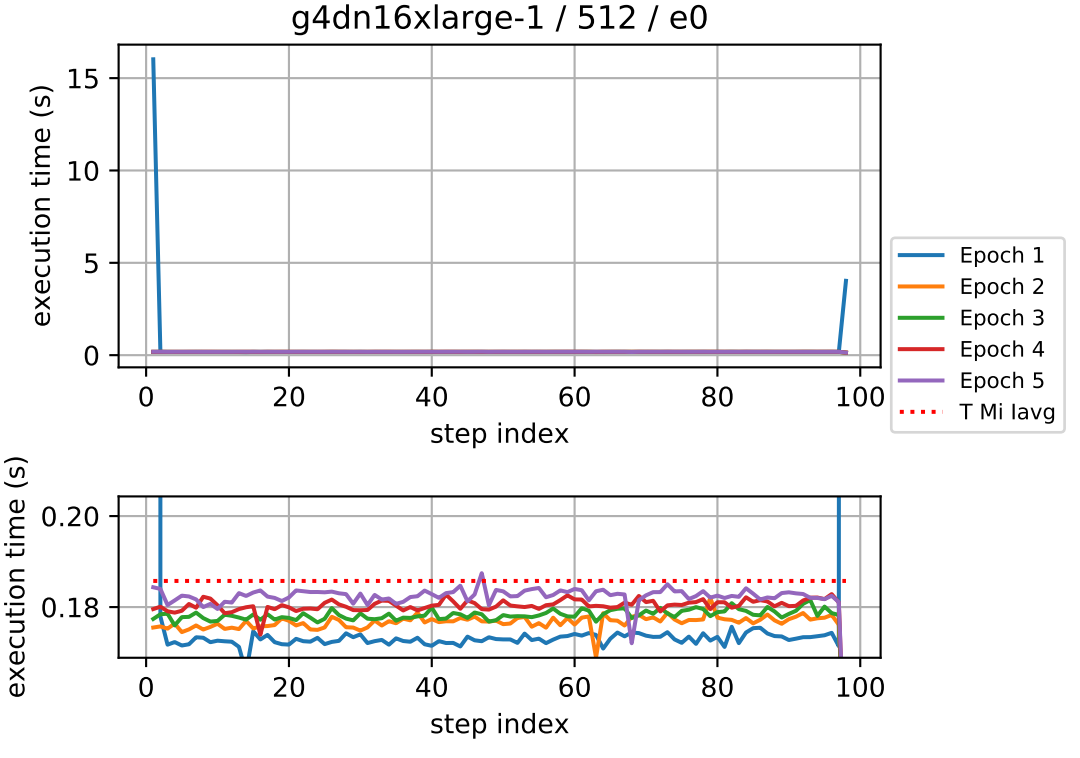

g4dn12xlarge-4 / 256 / e0
execution time (s)
0
10
20
30
40
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.08
0.09
0
25
50
75
100
125
150
175
200
step index

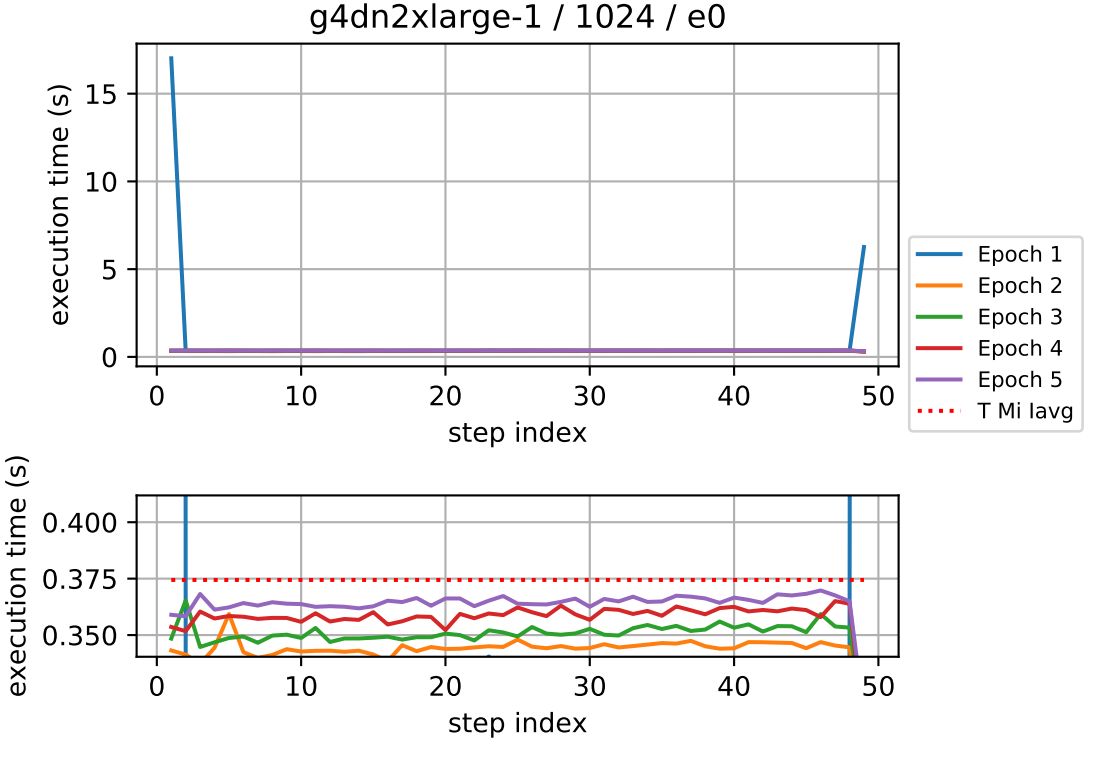

g4dn12xlarge-4 / 512 / e0
execution time (s)
0
10
20
30
40
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.10
0.11
0
20
40
60
80
100
step index

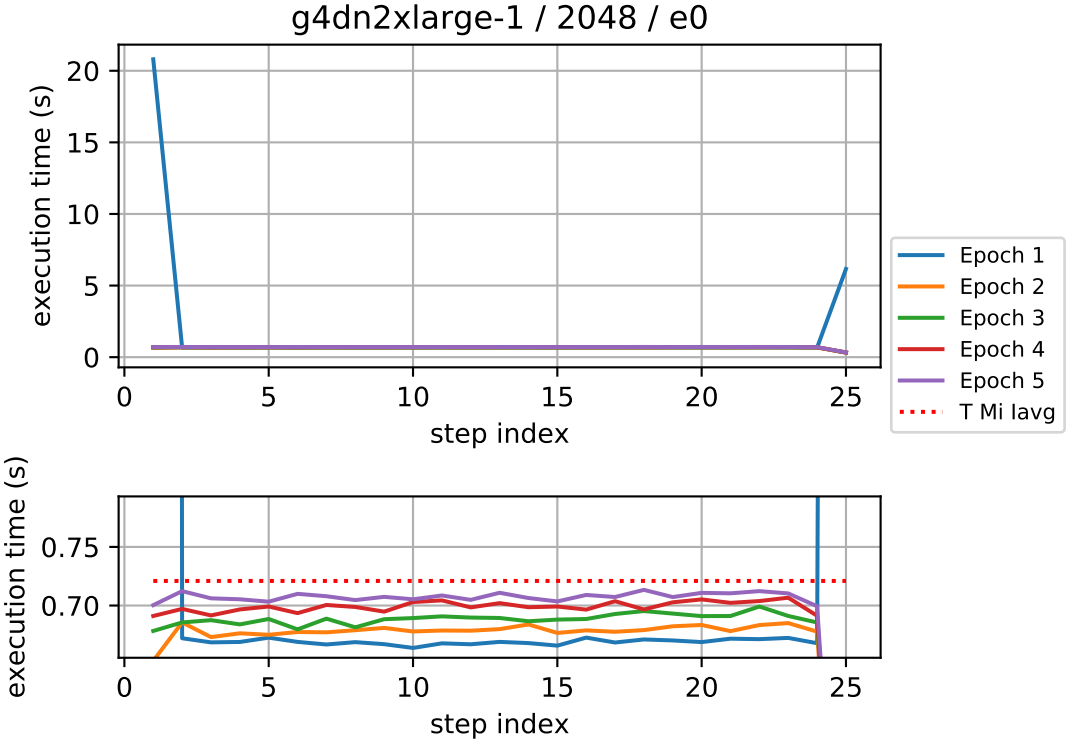

g4dn16xlarge-1 / 1024 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

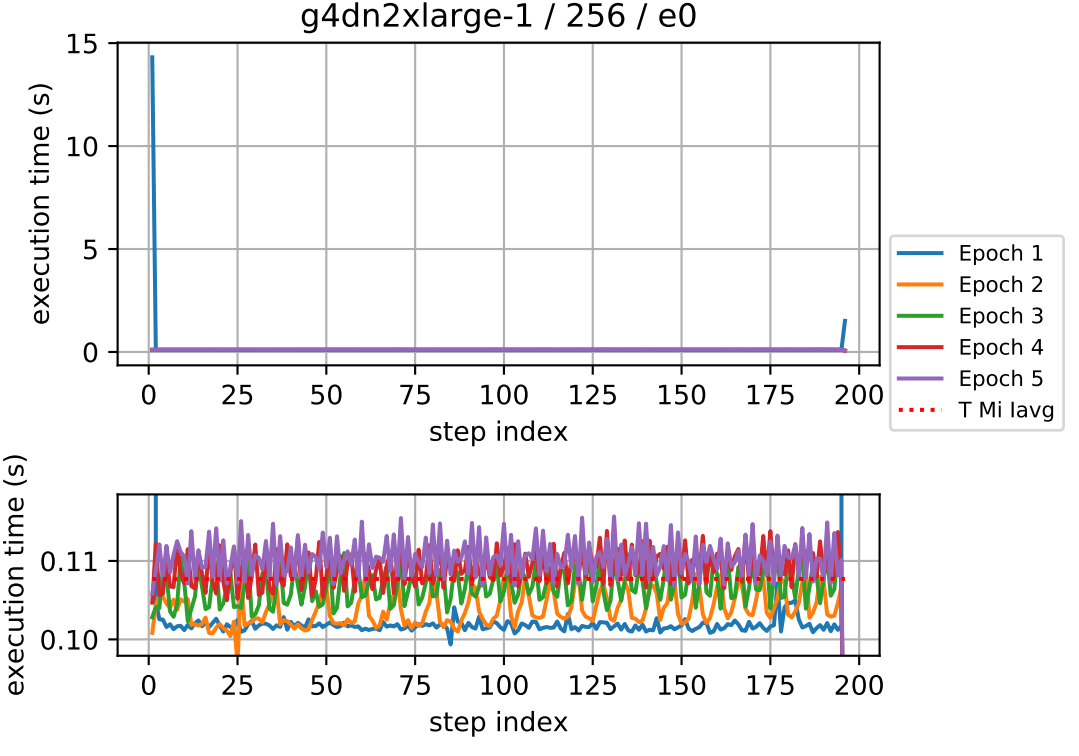

g4dn16xlarge-1 / 2048 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index


g4dn16xlarge-1 / 256 / e0
execution time (s)
15
10
5
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.11
0.10
0
25
50
75
100
125
150
175
200
step index

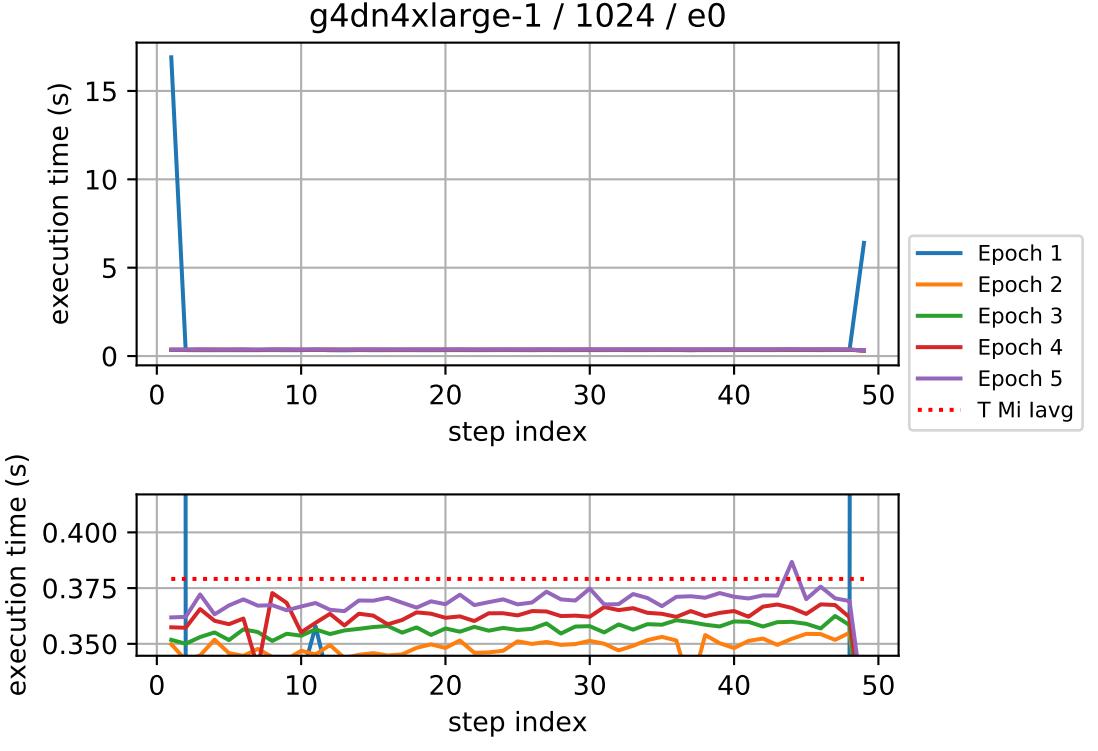

g4dn16xlarge-1 / 512 / e0
execution time (s)
15
10
5
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.20
0.18
0
20
40
60
80
100
step index

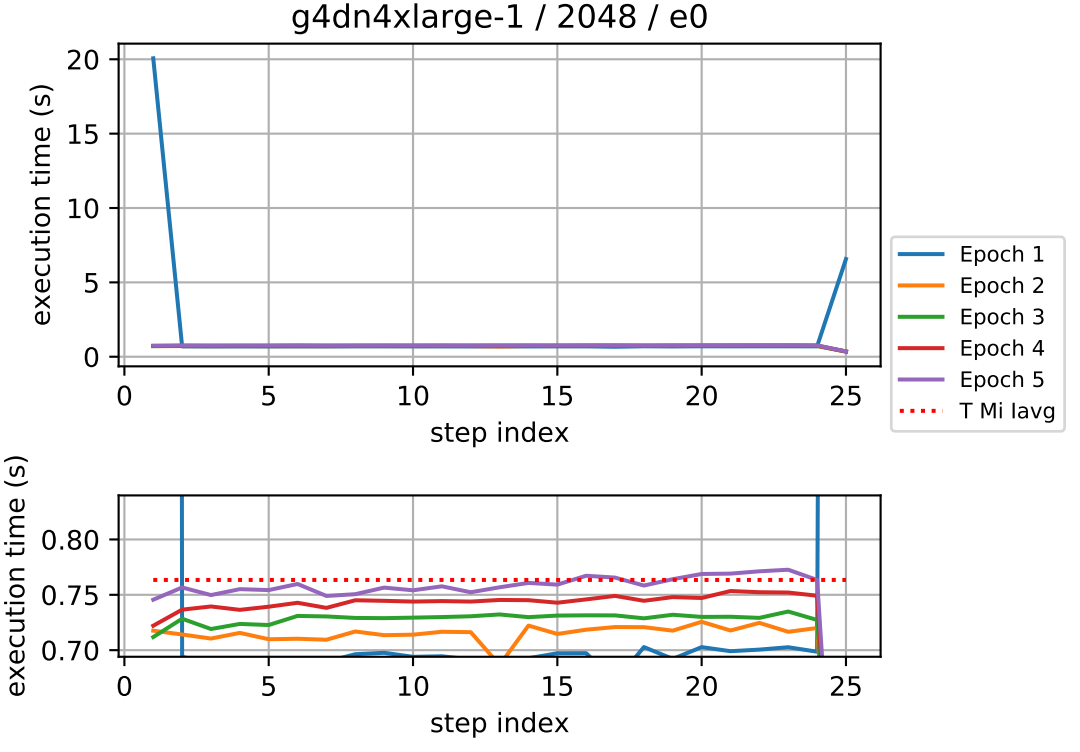

g4dn2xlarge-1 / 1024 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

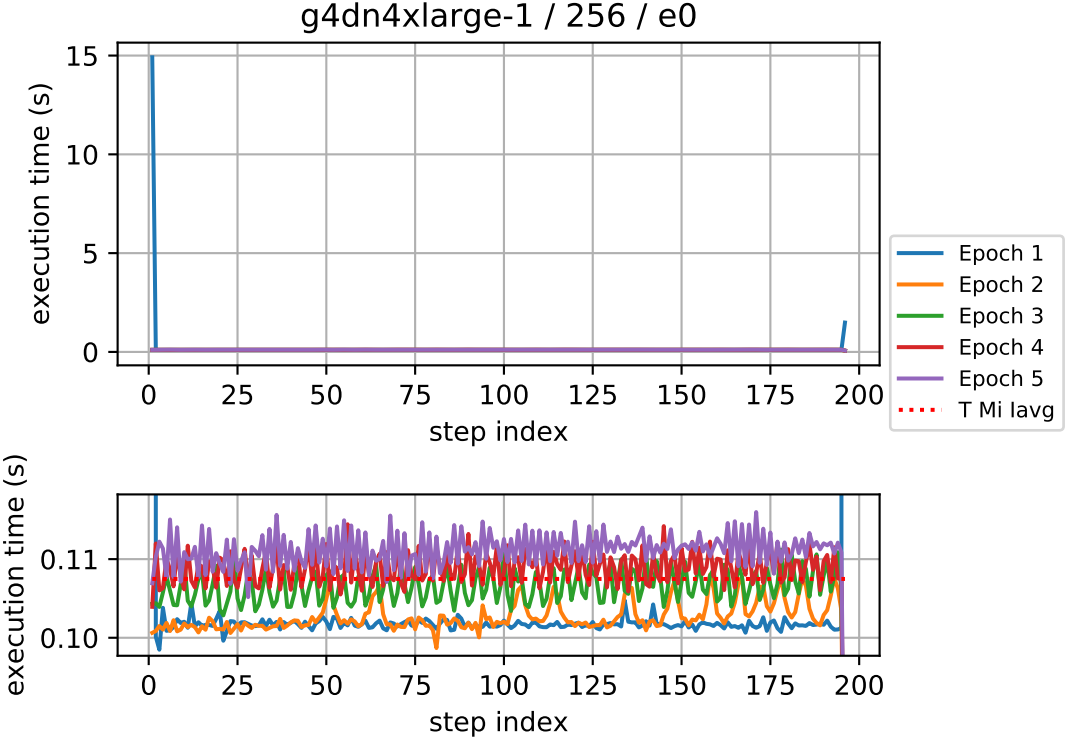

g4dn2xlarge-1 / 2048 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

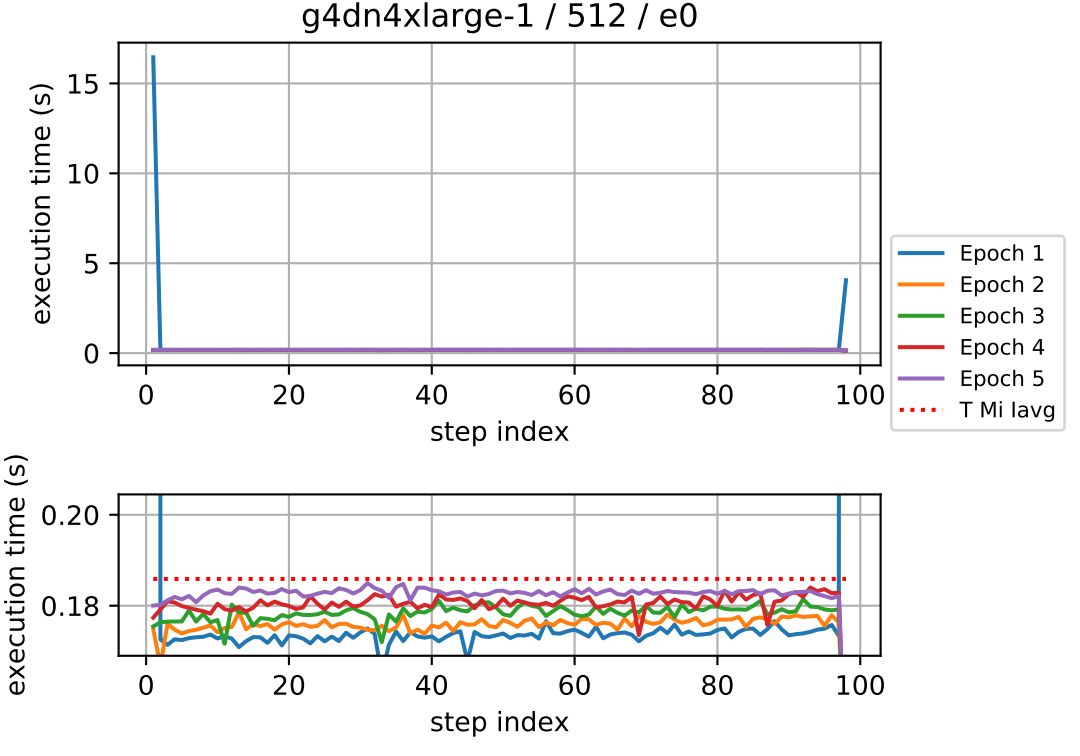

g4dn2xlarge-1 / 256 / e0
execution time (s)
15
10
5
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.11
0.10
0
25
50
75
100
125
150
175
200
step index

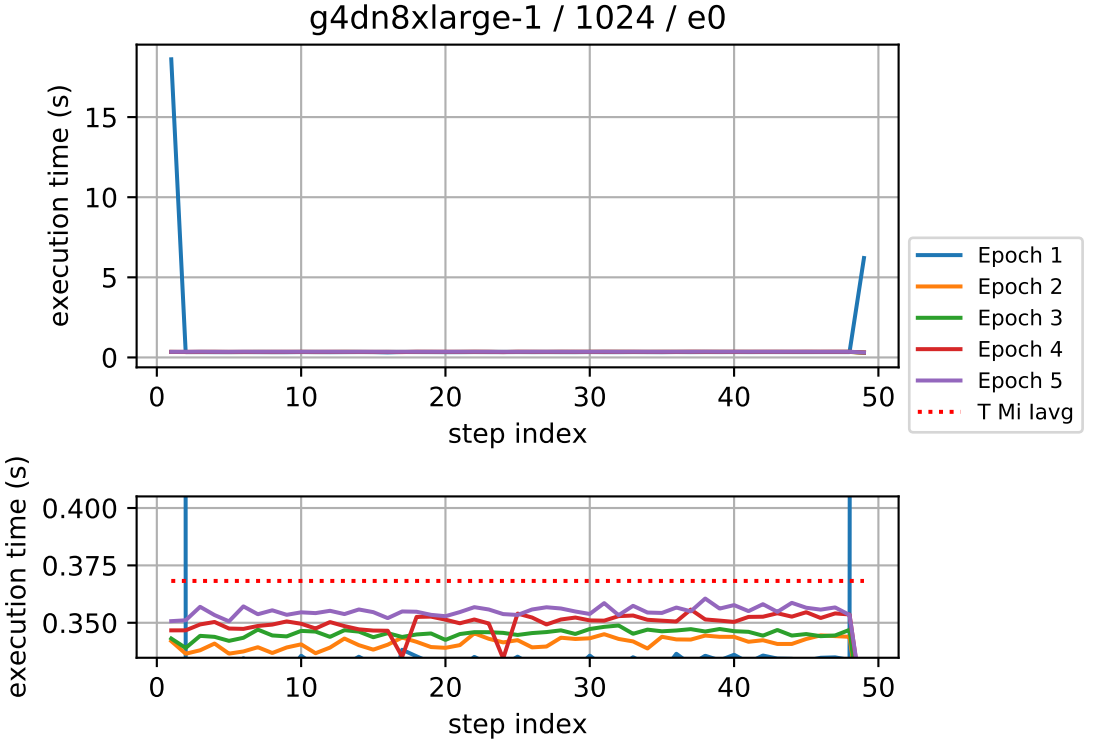
g4dn2xlarge-1 / 512 / e0
execution time (s)
15
10
5
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.19
0.18
0.17
0
20
40
60
80
100
step index

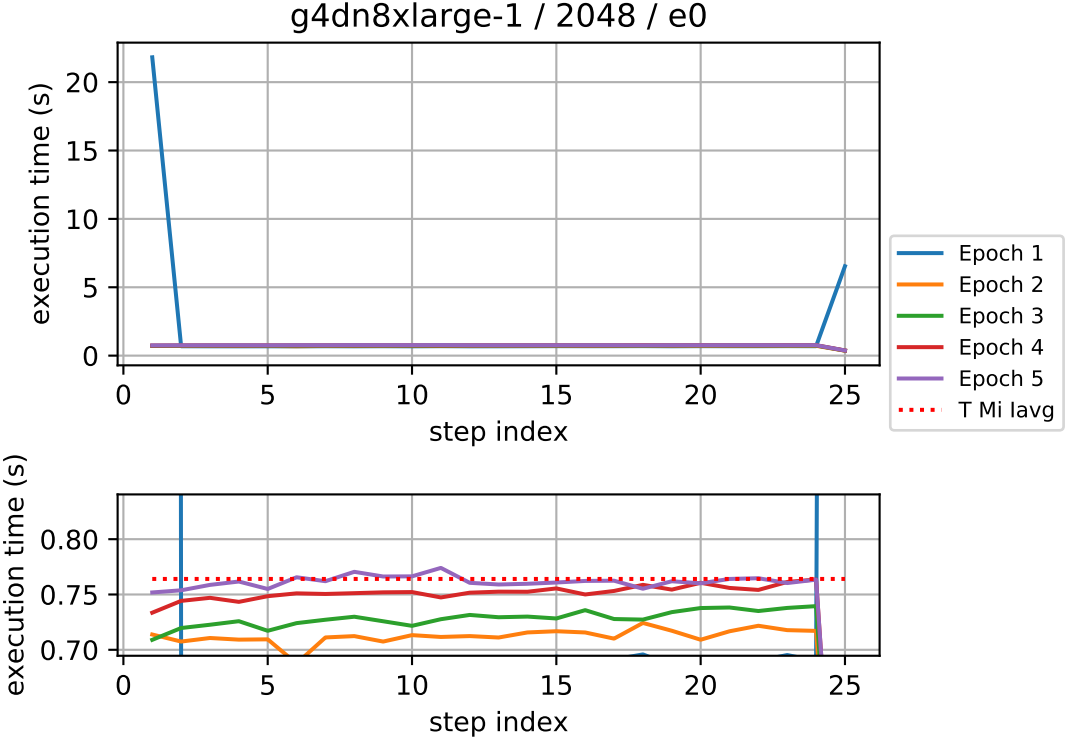

g4dn4xlarge-1 / 1024 / e0
execution time (s)
15
10
5
0
0
10
20
30
40
50
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.400
0.375
0.350
0
10
20
30
40
50
step index

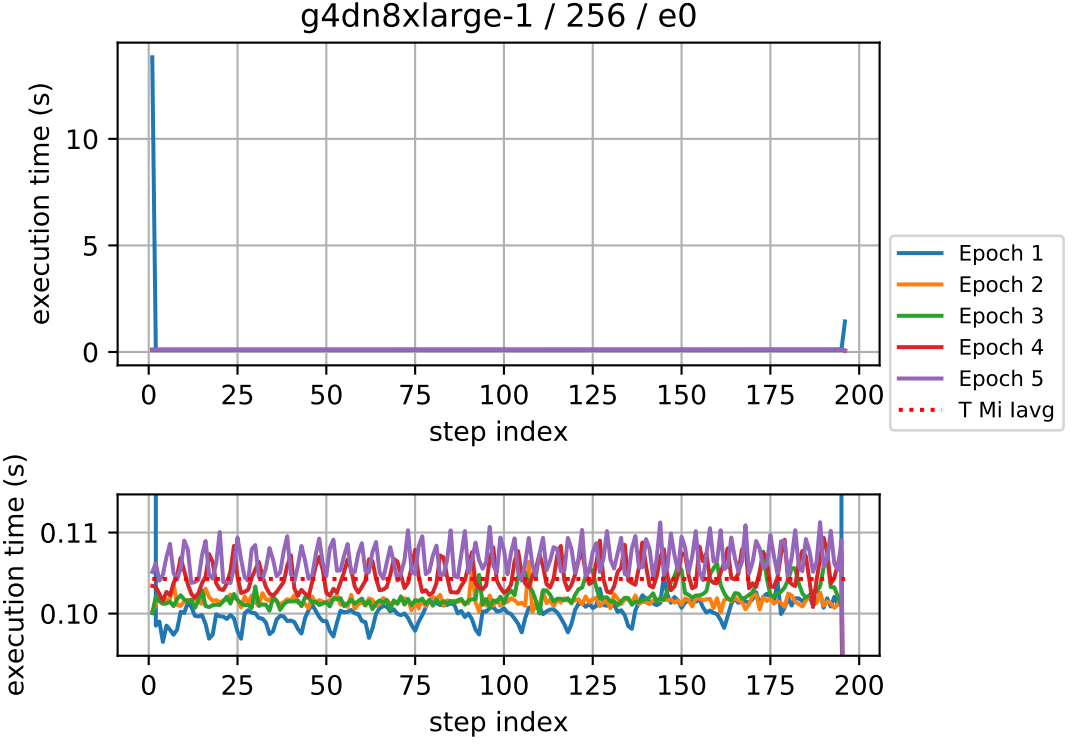

g4dn4xlarge-1 / 2048 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

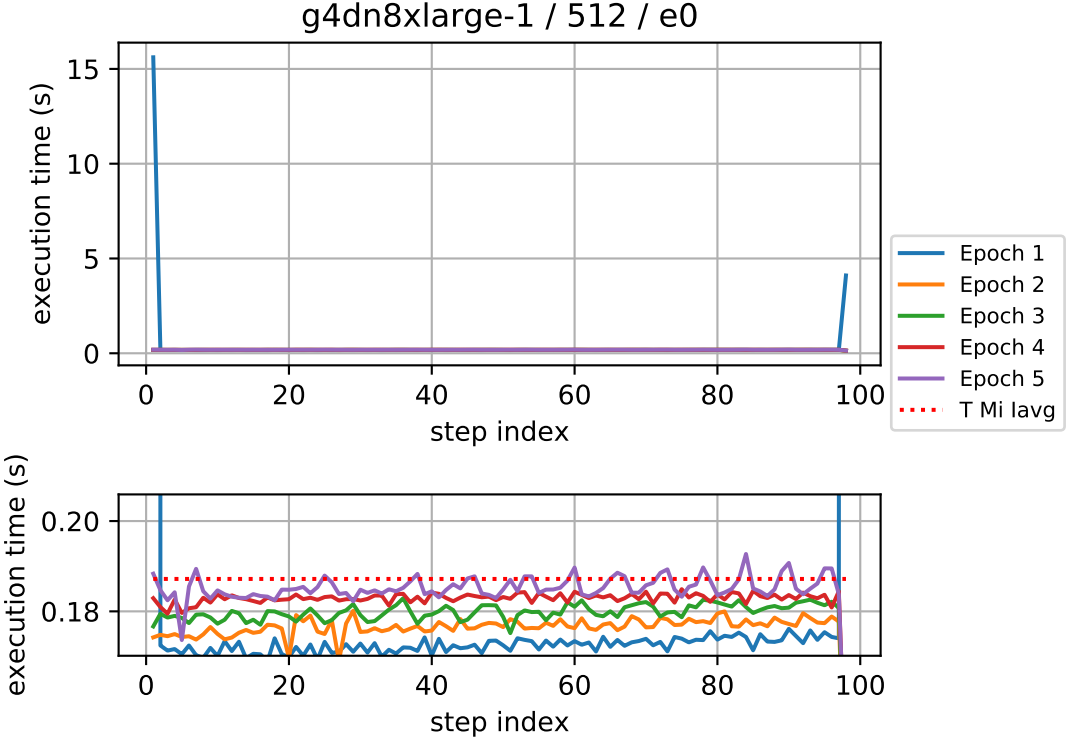

g4dn4xlarge-1 / 256 / e0
execution time (s)
15
10
5
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.11
0.10
0
25
50
75
100
125
150
175
200
step index

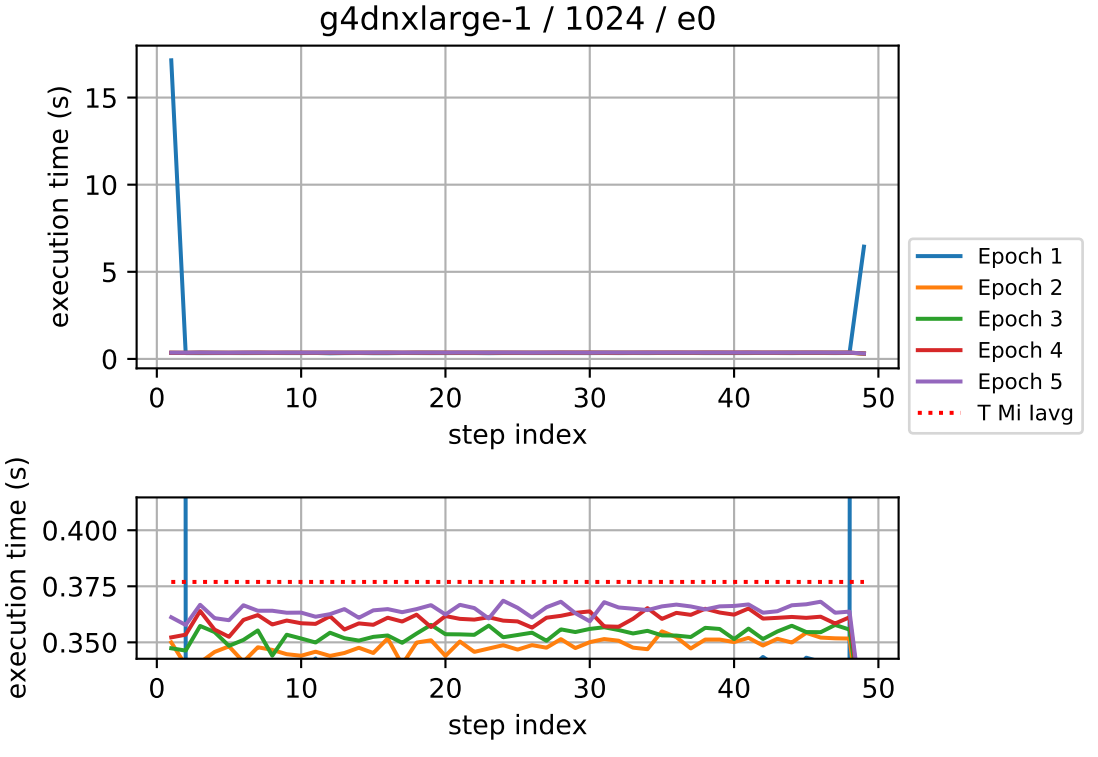

g4dn4xlarge-1 / 512 / e0
execution time (s)
15
10
5
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.20
0.18
0
20
40
60
80
100
step index

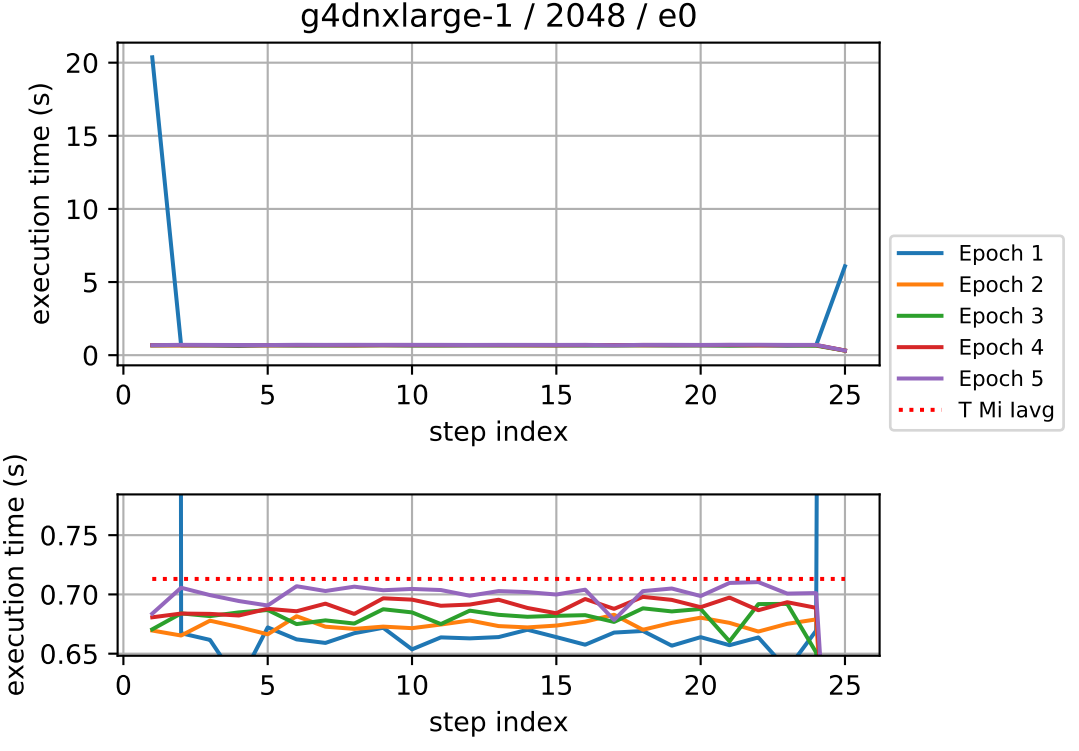

g4dn8xlarge-1 / 1024 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

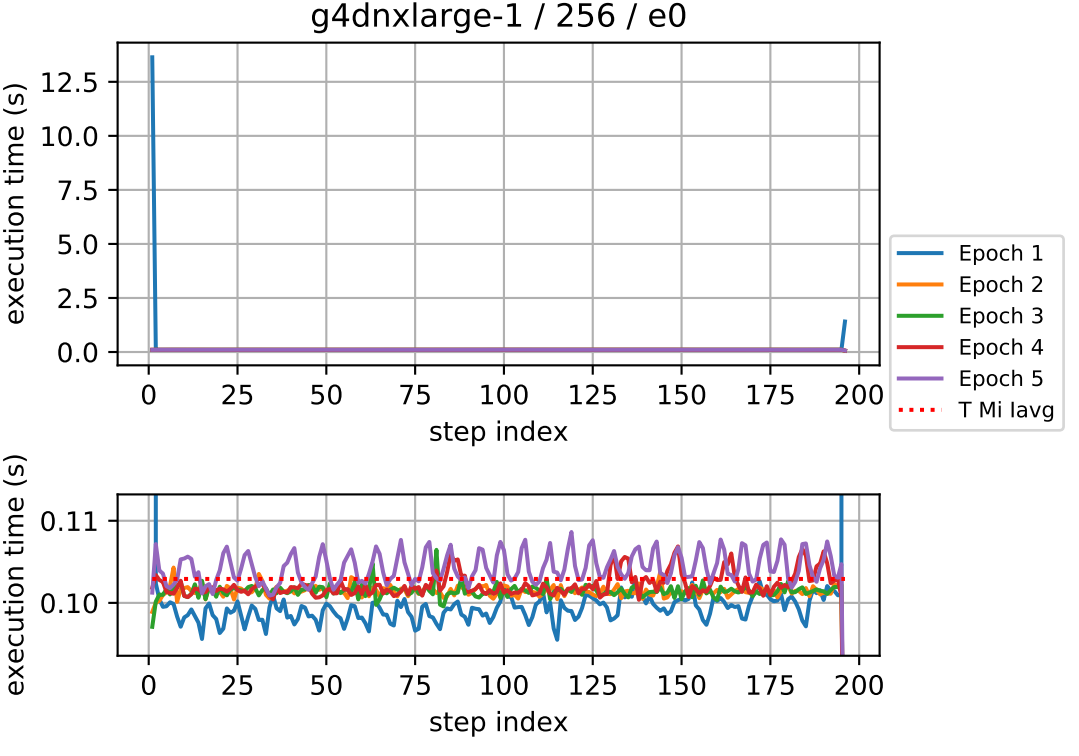

g4dn8xlarge-1 / 2048 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

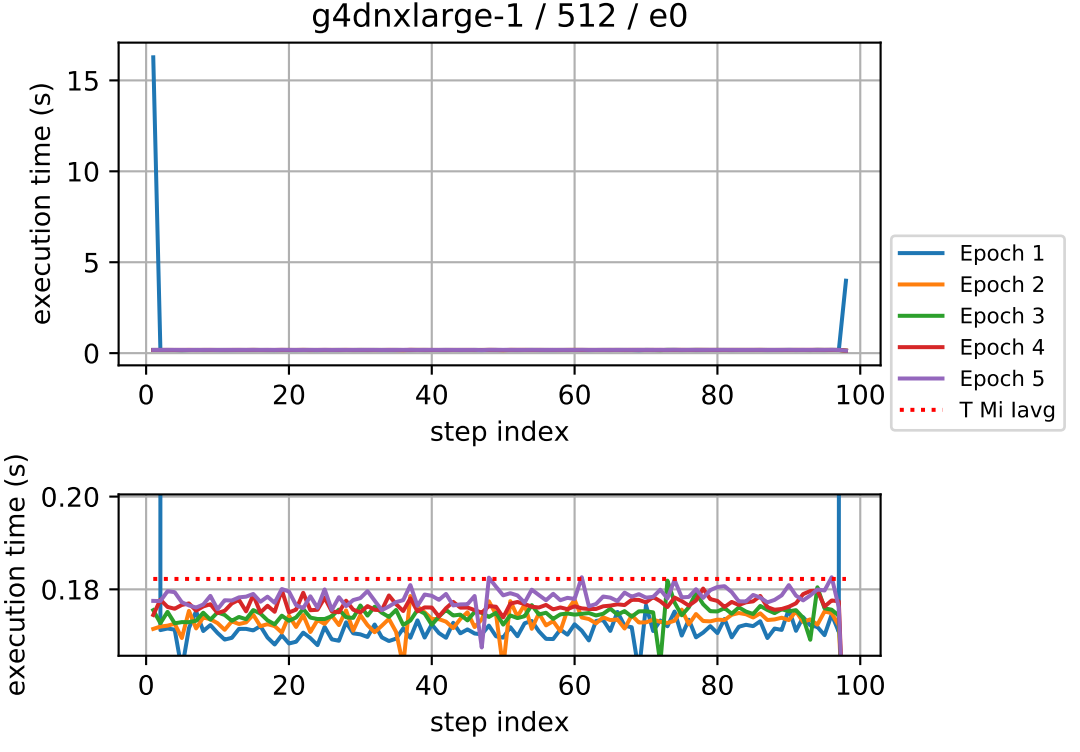

g4dn8xlarge-1 / 256 / e0
execution time (s)
10
5
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.11
0.10
0
25
50
75
100
125
150
175
200
step index

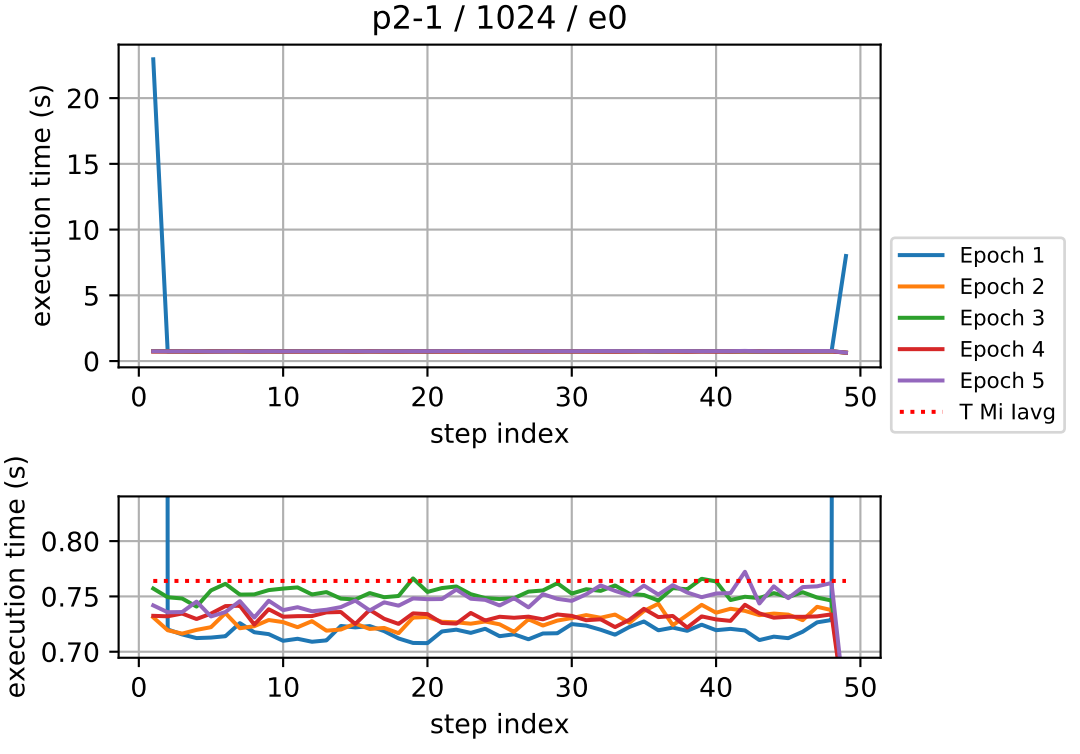

g4dn8xlarge-1 / 512 / e0
execution time (s)
15
10
5
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.20
0.18
0
20
40
60
80
100
step index

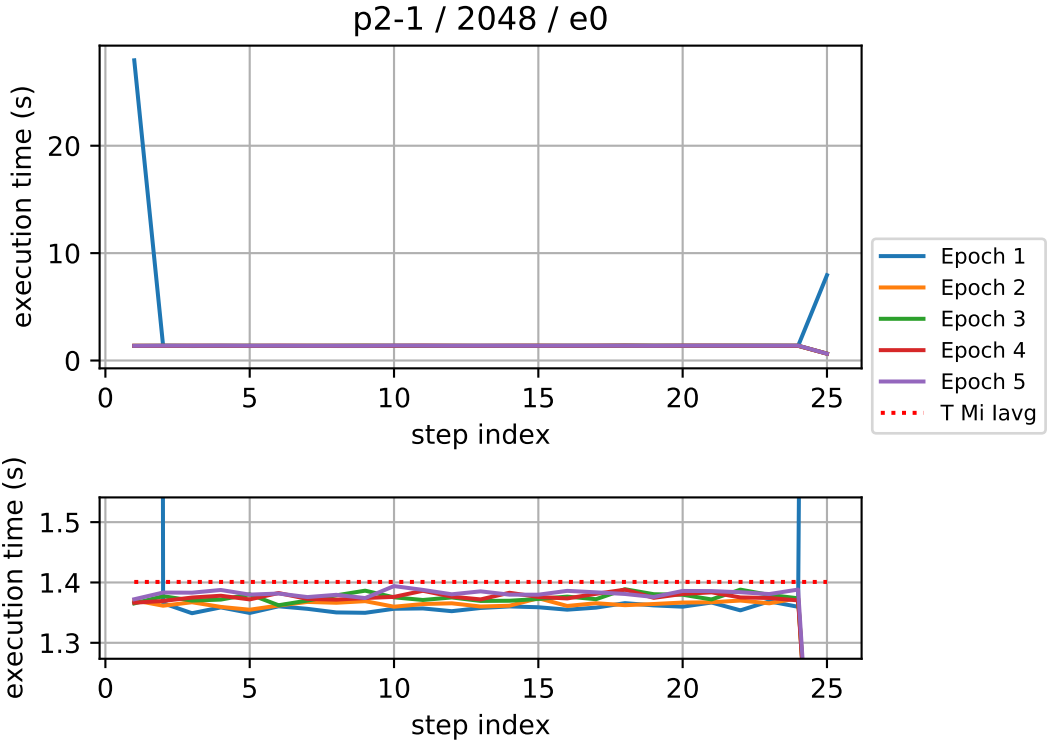

g4dnxlarge-1 / 1024 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

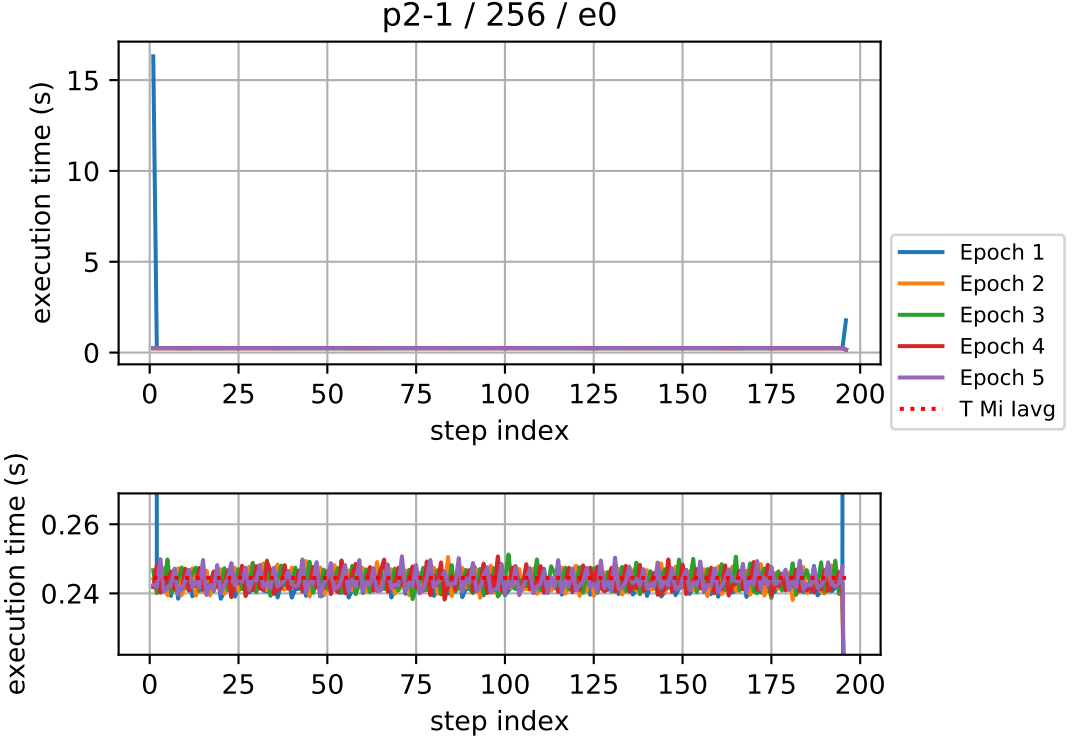

g4dnxlarge-1 / 2048 / e0
execution time (s)
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
step index

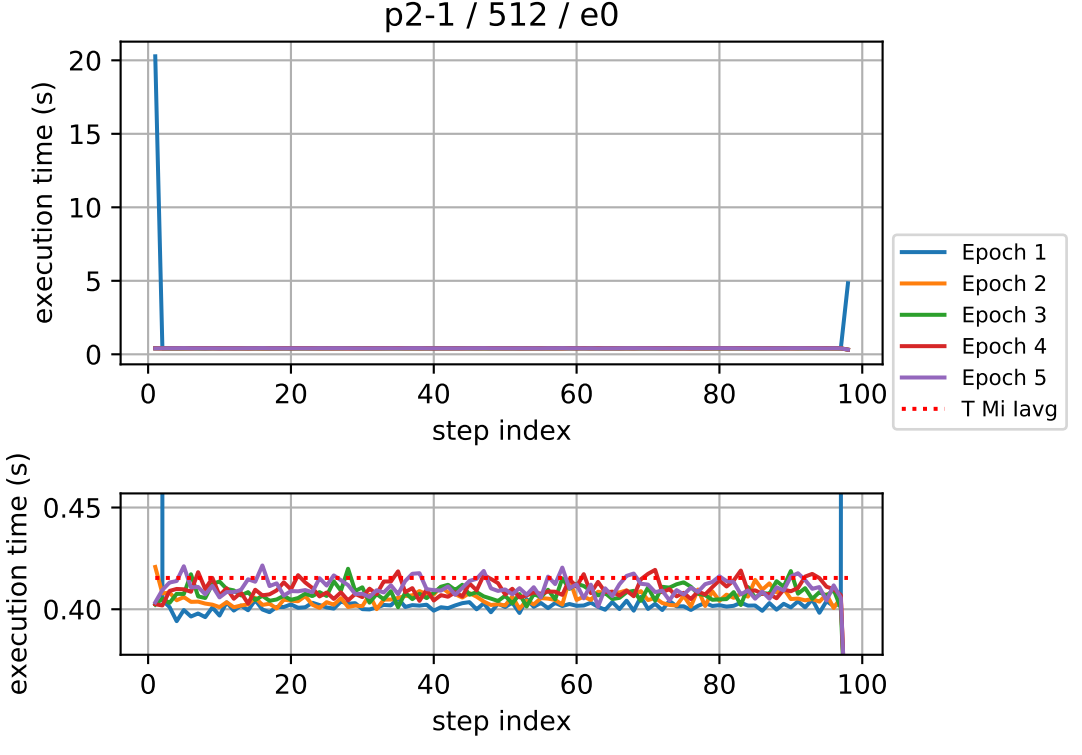

g4dnxlarge-1 / 256 / e0
execution time (s)
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.11
0.10
0
25
50
75
100
125
150
175
200
step index

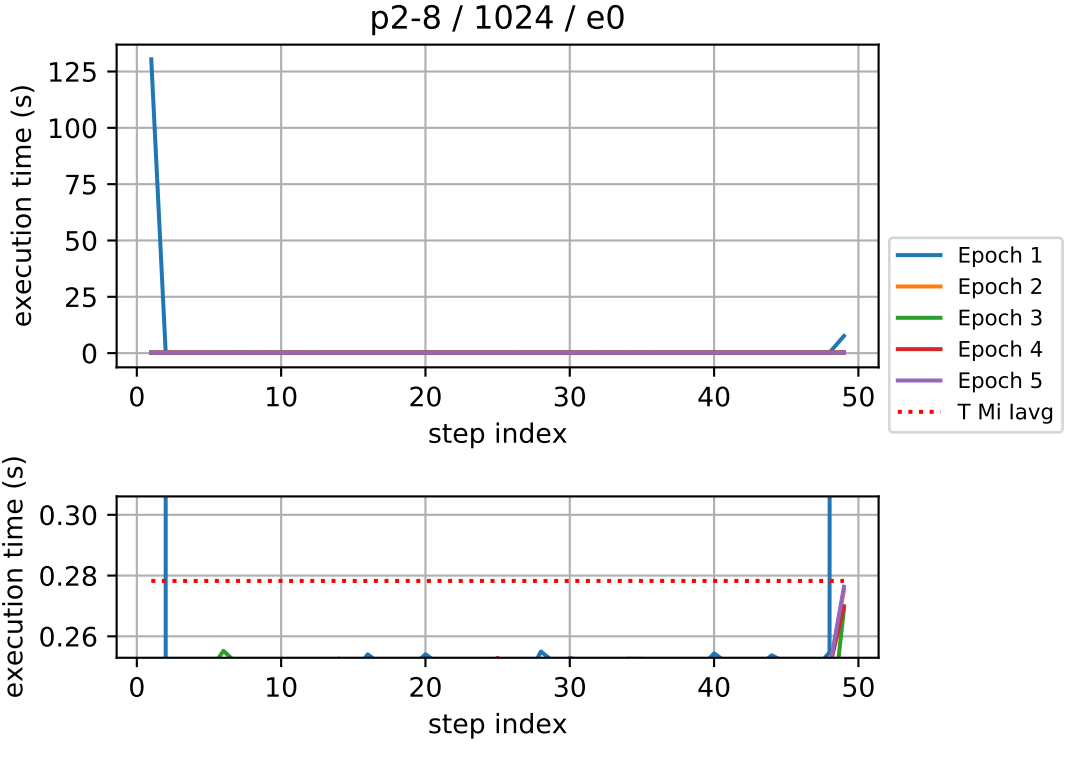

g4dnxlarge-1 / 512 / e0
execution time (s)
15
10
5
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.20
0.18
0
20
40
60
80
100
step index

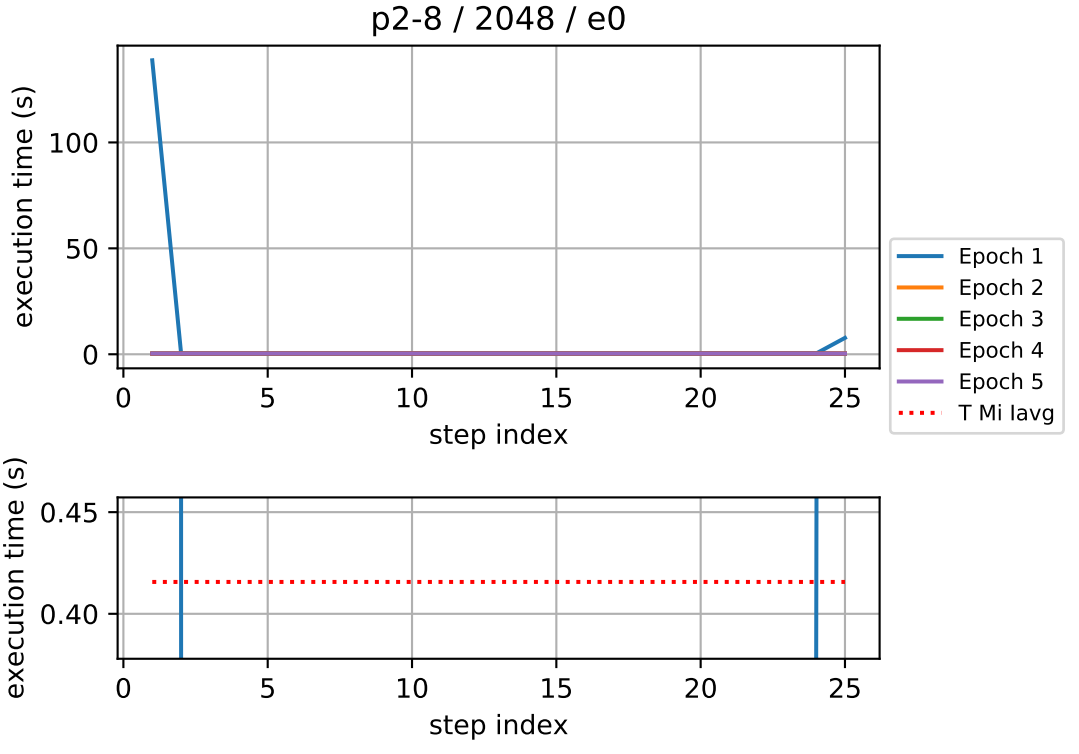

p2-1 / 1024 / e0
execution time (s)
0
5
10
15
20
step index
0
10
20
30
40
50
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.70
0.75
0.80
step index
0
10
20
30
40
50

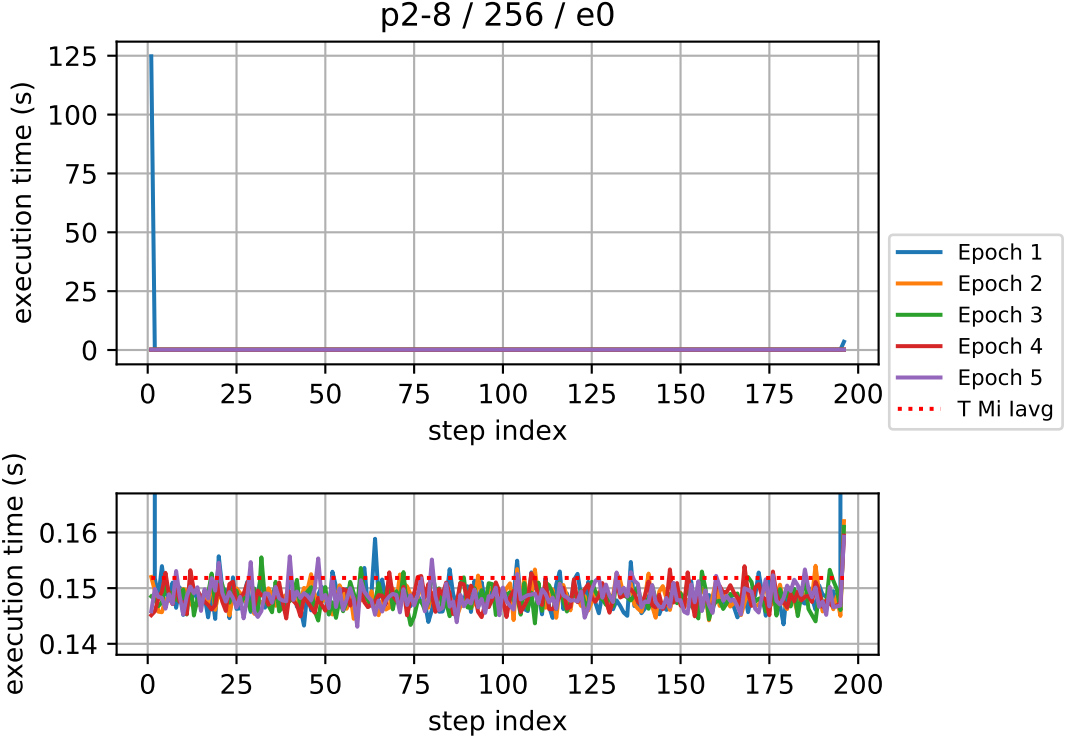

p2-1 / 2048 / e0
execution time (s)
0
10
20
step index
0
5
10
15
20
25
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
1.3
1.4
1.5
step index
0
5
10
15
20
25

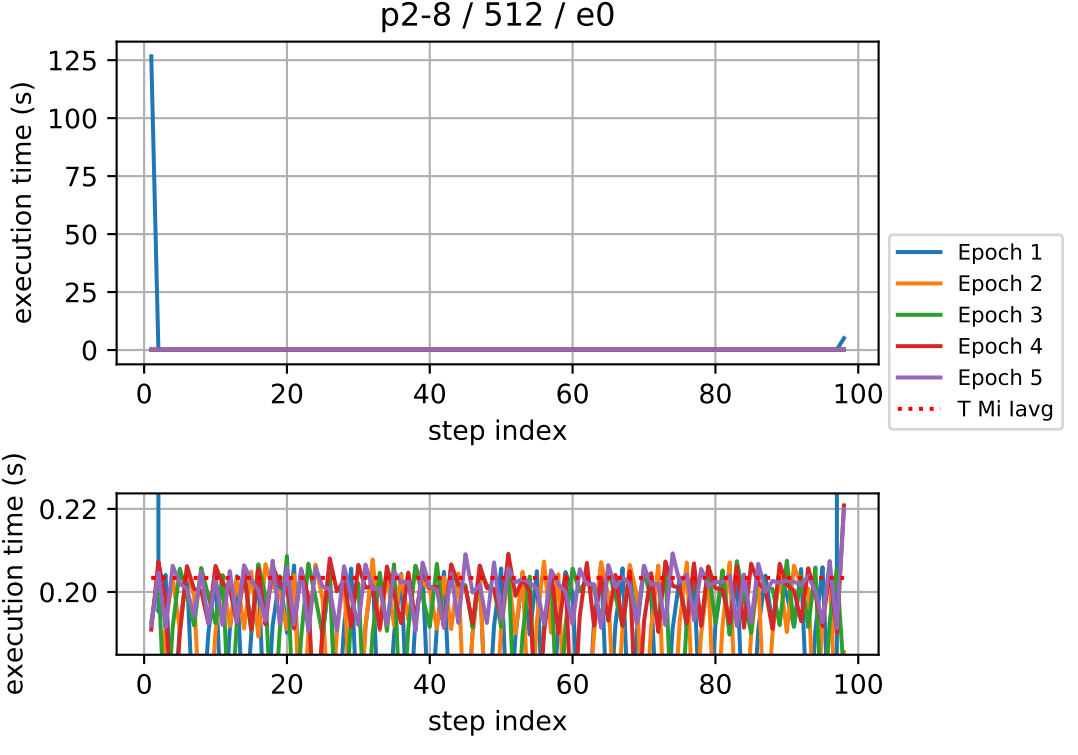

p2-1 / 256 / e0
execution time (s)
15
10
5
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.26
0.24
0
25
50
75
100
125
150
175
200
step index

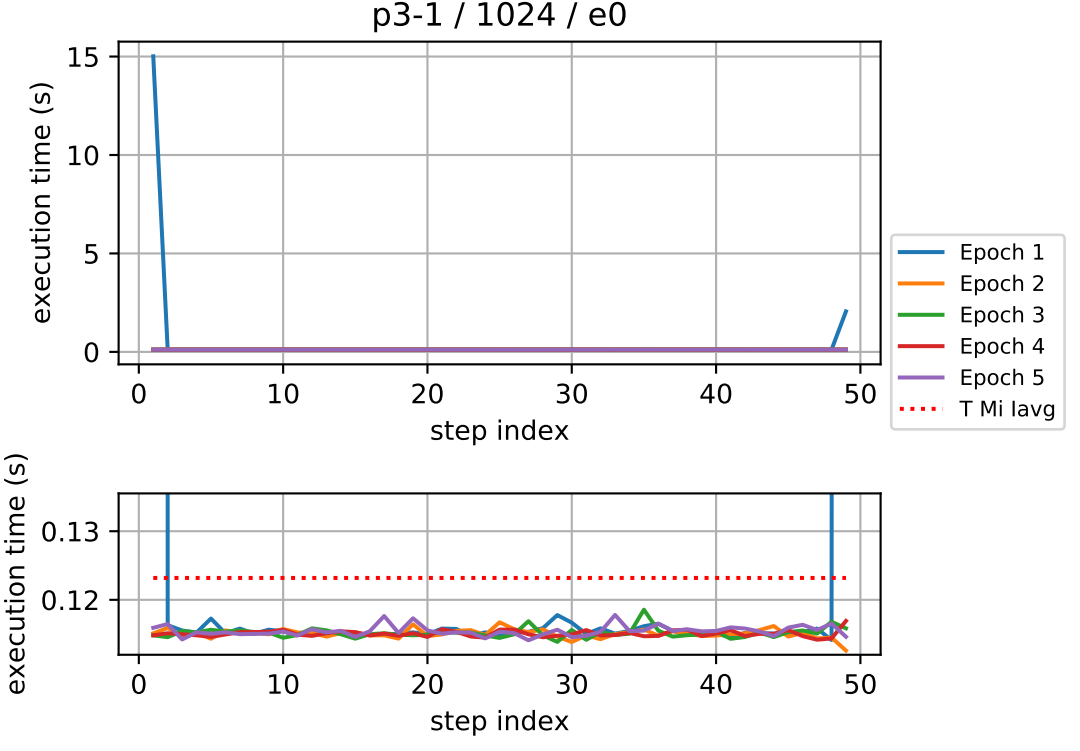

p2-1 / 512 / e0
execution time (s)
20
15
10
5
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.45
0.40
0
20
40
60
80
100
step index

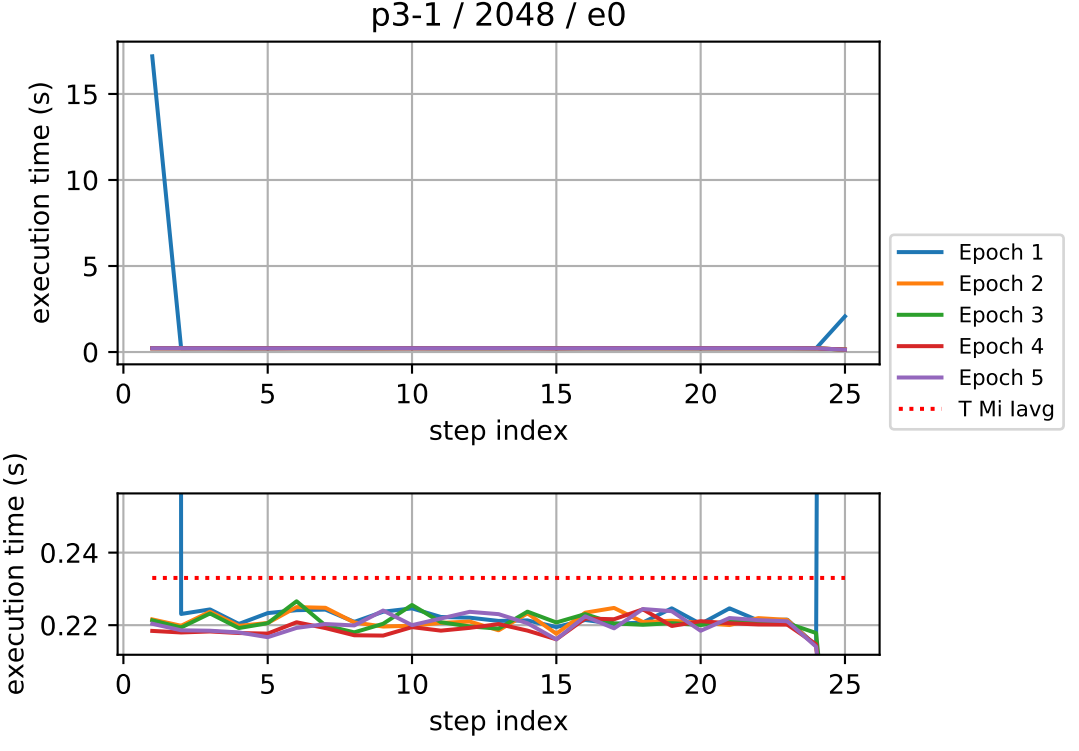

p2-8 / 1024 / e0
execution time (s)
125
100
75
50
25
0
0
10
20
30
40
50
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.30
0.28
0.26
0
10
20
30
40
50
step index

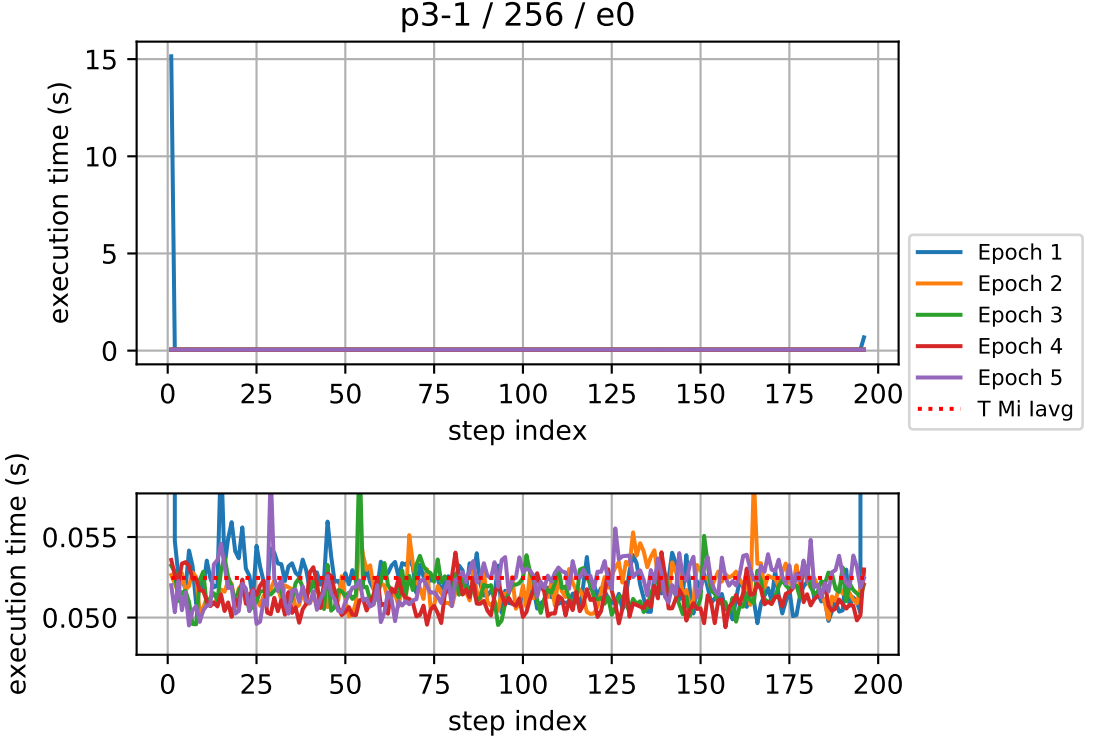

p2-8 / 2048 / e0
execution time (s)
100
50
0
0
5
10
15
20
25
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.45
0.40
0
5
10
15
20
25
step index

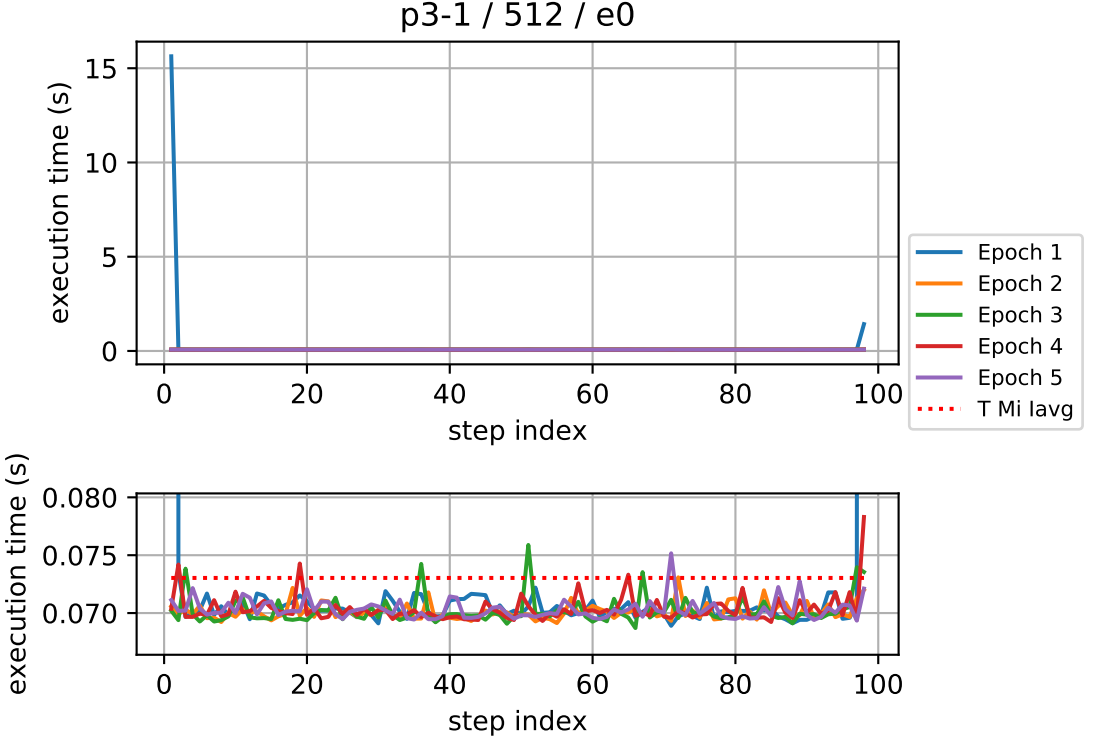

p2-8 / 256 / e0
execution time (s)
125
100
75
50
25
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.16
0.15
0.14
0
25
50
75
100
125
150
175
200
step index

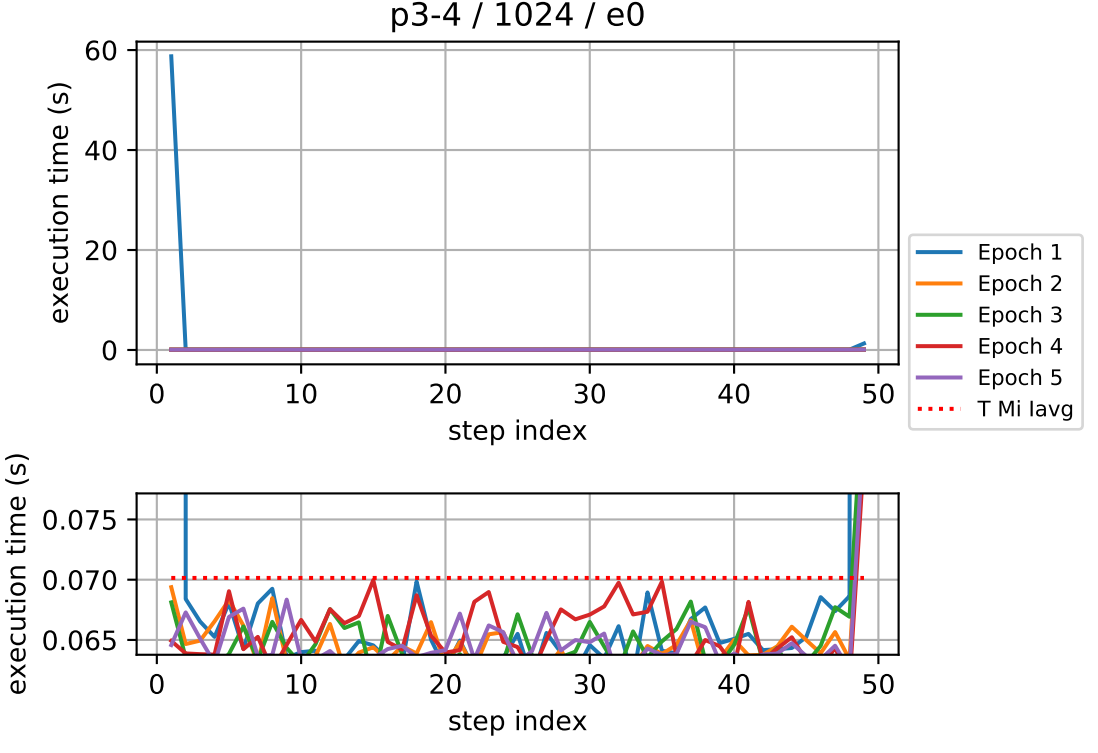

p2-8 / 512 / e0
execution time (s)
125
100
75
50
25
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.22
0.20
0
20
40
60
80
100
step index

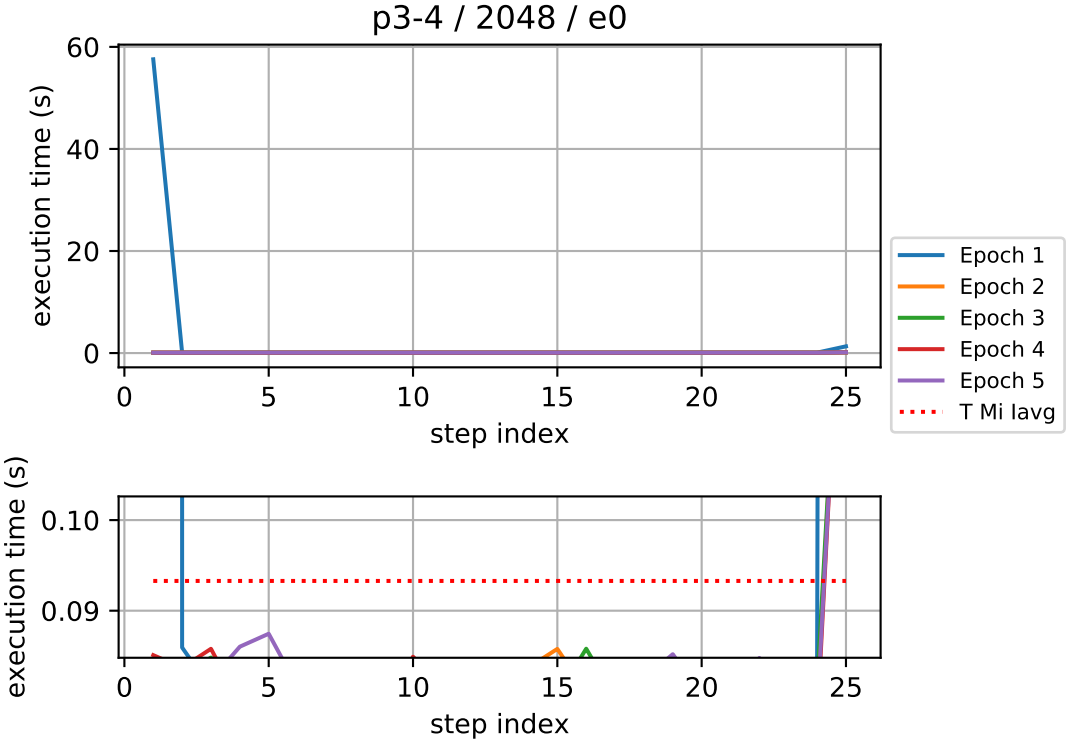

p3-1 / 1024 / e0
execution time (s)
15
10
5
0
0
10
20
30
40
50
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.13
0.12
0
10
20
30
40
50
step index

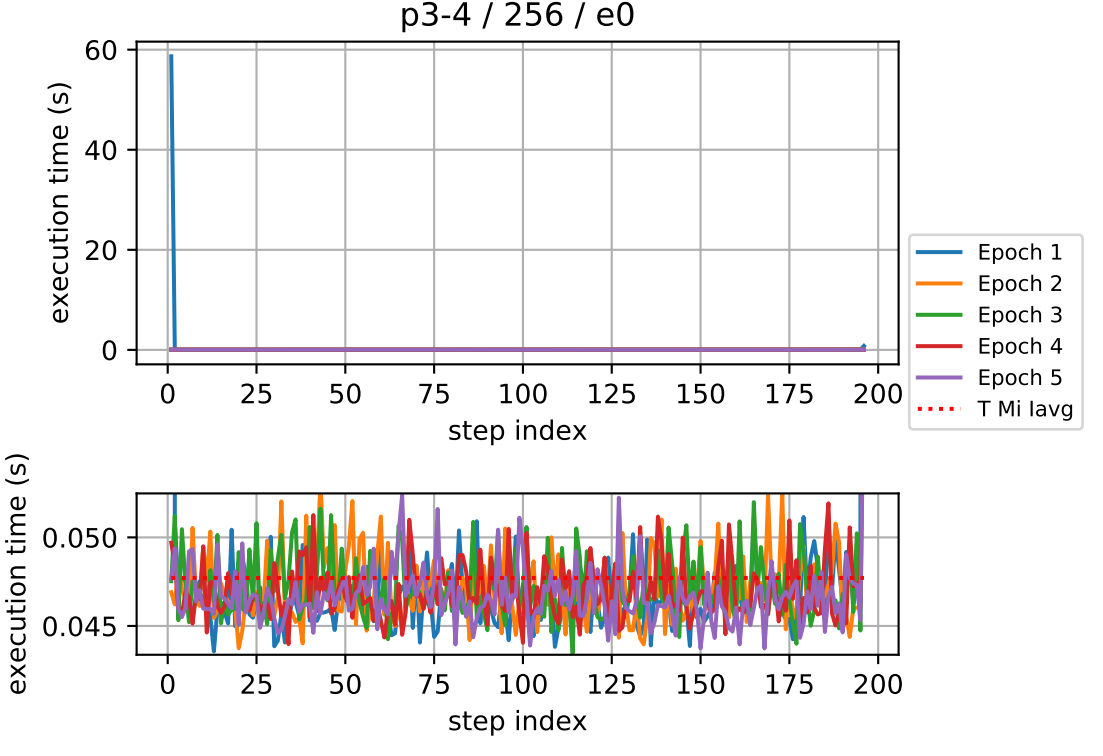

p3-1 / 2048 / e0
execution time (s)
15
10
5
0
0
5
10
15
20
25
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.24
0.22
0
5
10
15
20
25
step index

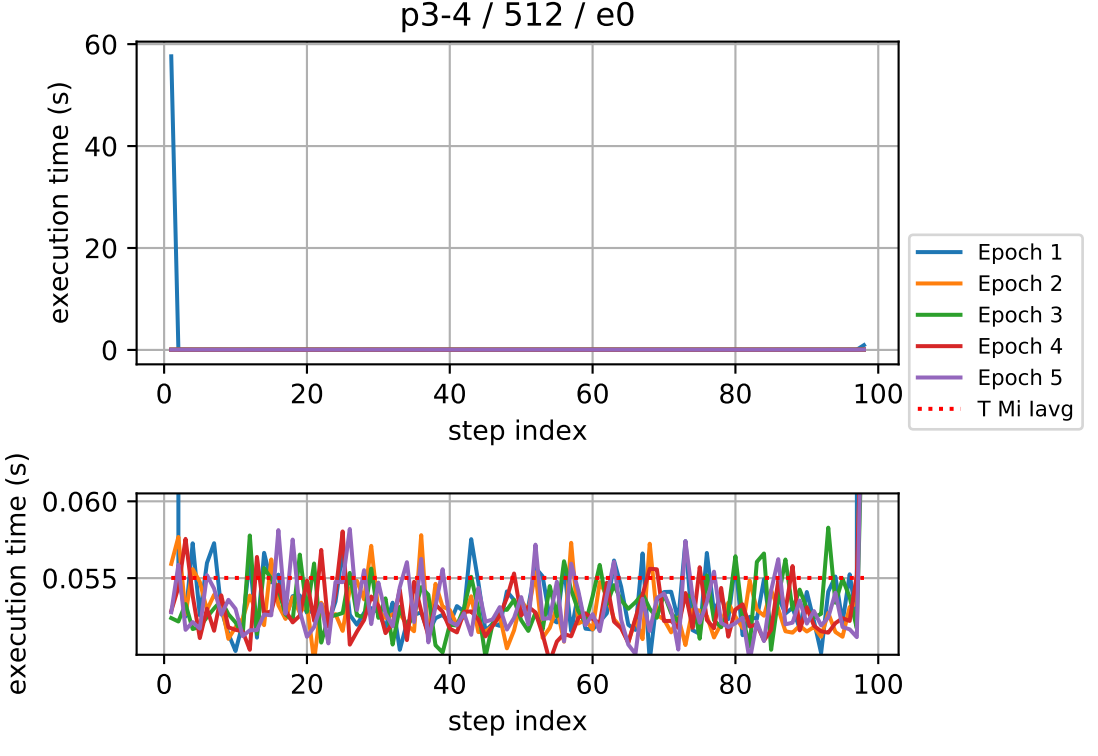

p3-1 / 256 / e0
execution time (s)
15
10
5
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.055
0.050
0
25
50
75
100
125
150
175
200
step index

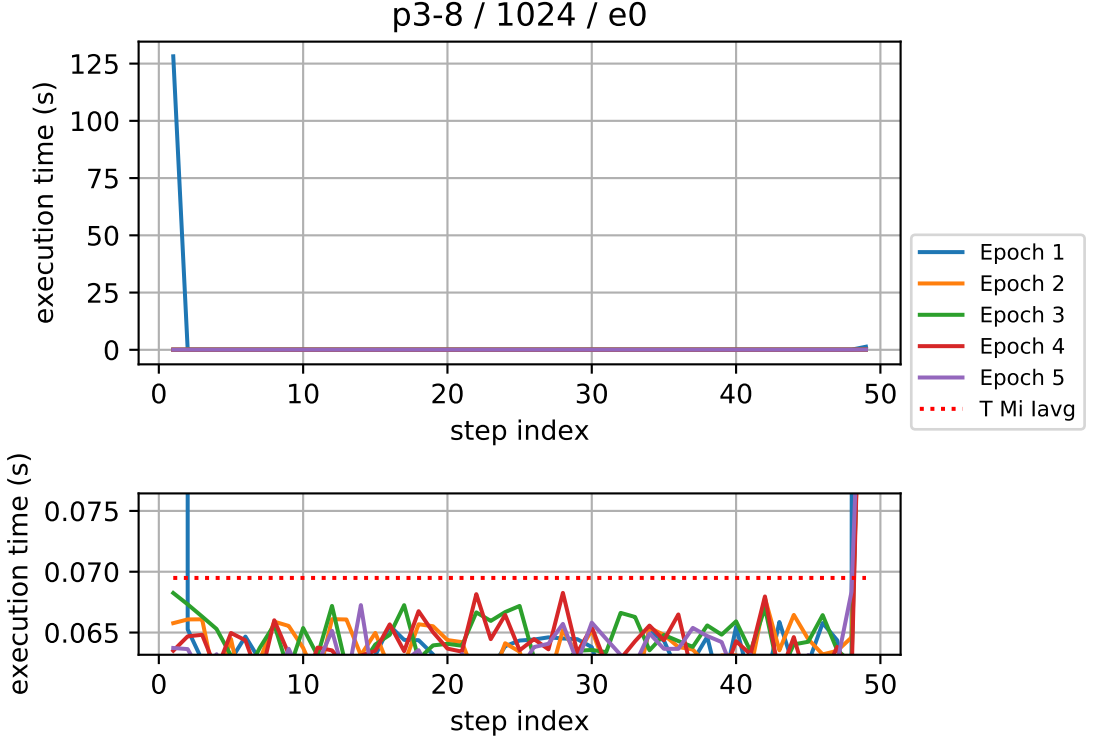

p3-1 / 512 / e0
execution time (s)
15
10
5
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.080
0.075
0.070
0
20
40
60
80
100
step index

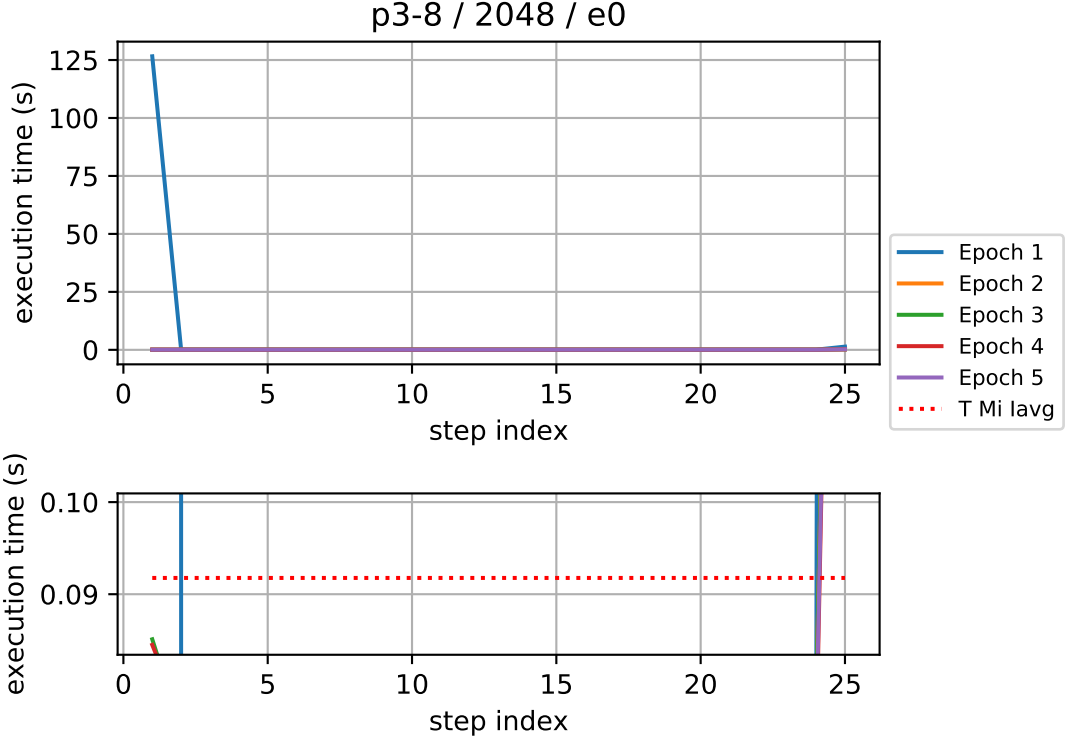

p3-4 / 1024 / e0
execution time (s)
60
40
20
0
0
10
20
30
40
50
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.075
0.070
0.065
0
10
20
30
40
50
step index

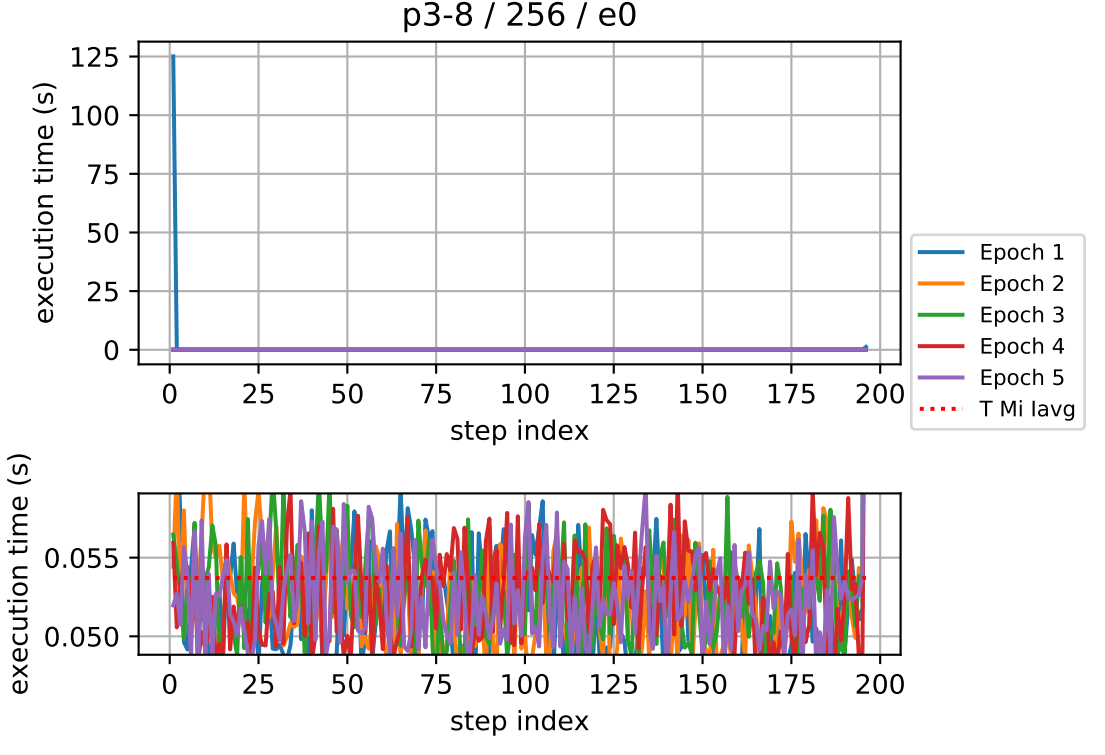

p3-4 / 2048 / e0
execution time (s)
60
40
20
0
0
5
10
15
20
25
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.10
0.09
0
5
10
15
20
25
step index

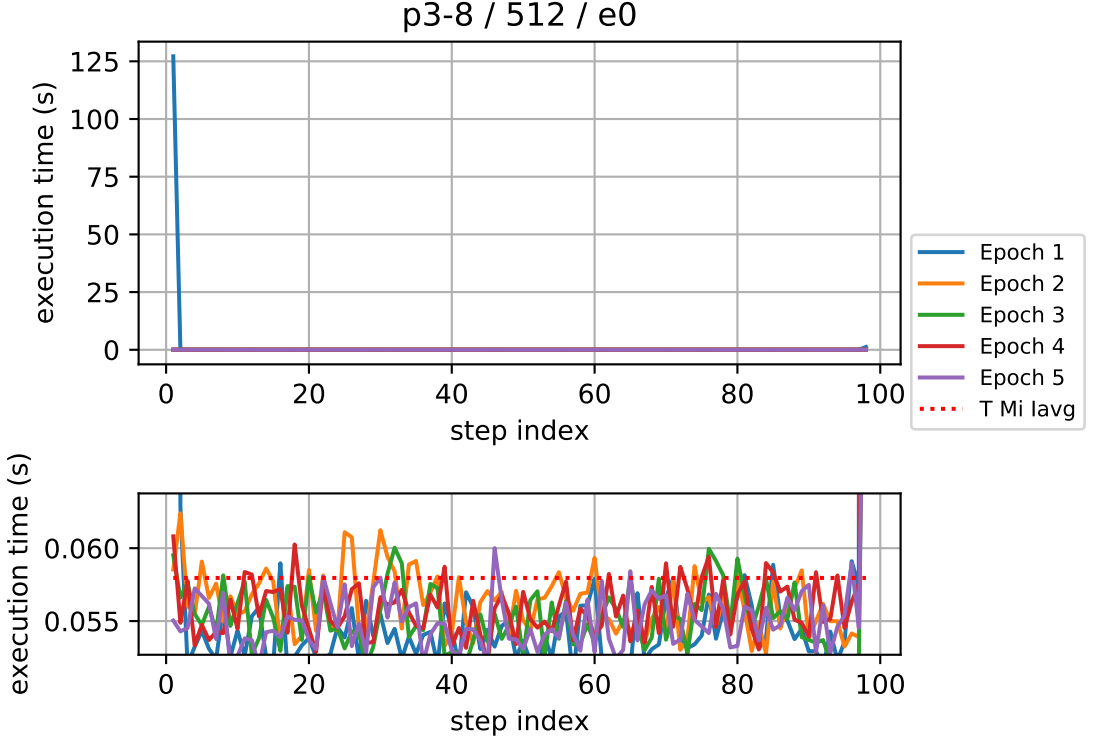

p3-4 / 256 / e0
execution time (s)
60
40
20
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.050
0.045
0
25
50
75
100
125
150
175
200
step index


p3-4 / 512 / e0
execution time (s)
60
40
20
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.060
0.055
0
20
40
60
80
100
step index


p3-8 / 1024 / e0
execution time (s)
125
100
75
50
25
0
0
10
20
30
40
50
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.075
0.070
0.065
0
10
20
30
40
50
step index


p3-8 / 2048 / e0
execution time (s)
125
100
75
50
25
0
0
5
10
15
20
25
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.10
0.09
0
5
10
15
20
25
step index


p3-8 / 256 / e0
execution time (s)
125
100
75
50
25
0
0
25
50
75
100
125
150
175
200
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.055
0.050
0
25
50
75
100
125
150
175
200
step index


p3-8 / 512 / e0
execution time (s)
125
100
75
50
25
0
0
20
40
60
80
100
step index
Epoch 1
Epoch 2
Epoch 3
Epoch 4
Epoch 5
T Mi lavg
execution time (s)
0.060
0.055
0
20
40
60
80
100
step index