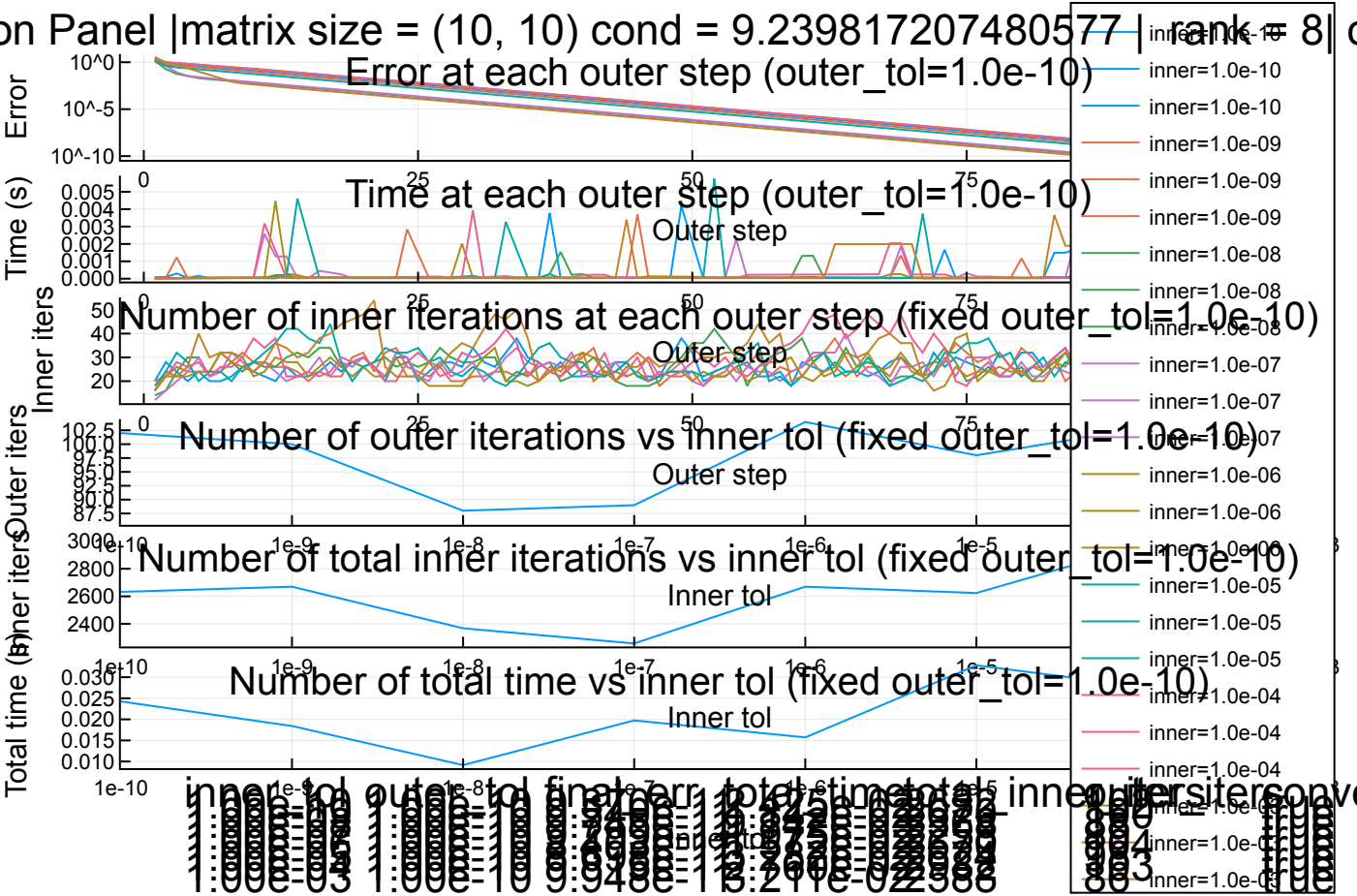
on Panel |matrix size = (10, 10) cond = 9.239817207480577 | rank = 8| c
Error at each outer step (outer_tol=1.0e-10)
Error
10^0
10^-5
10^-10
Time at each outer step (outer_tol=1.0e-10)
Time (s)
0.005
0.004
0.003
0.002
0.001
0.000
Outer step
Number of inner iterations at each outer step (fixed outer_tol=1.0e-10)
Inner iters
50
40
30
20
Outer step
Number of outer iterations vs inner tol (fixed outer_tol=1.0e-10)
Outer iters
102.5
100.0
97.5
95.0
92.5
90.0
87.5
Outer step
Number of total inner iterations vs inner tol (fixed outer_tol=1.0e-10)
Total inner iters
3000
2800
2600
2400
Inner tol
Number of total time vs inner tol (fixed outer_tol=1.0e-10)
Total time (s)
0.030
0.025
0.020
0.015
0.010
Inner tol
1e-10
1e-9
1e-8
1e-7
1e-6
1e-5
0
25
50
75
inner=1.0e-10
inner=1.0e-10
inner=1.0e-10
inner=1.0e-09
inner=1.0e-09
inner=1.0e-09
inner=1.0e-08
inner=1.0e-08
inner=1.0e-08
inner=1.0e-07
inner=1.0e-07
inner=1.0e-07
inner=1.0e-06
inner=1.0e-06
inner=1.0e-06
inner=1.0e-05
inner=1.0e-05
inner=1.0e-05
inner=1.0e-04
inner=1.0e-04
inner=1.0e-04
inner=1.0e-03
inner tol outer tol final err total time total inner iters outer iters conv
1.00e-03 1.00e-10 9.94e-11 2.21e-02 2386 80
1.00e-04 1.00e-10 9.94e-11 2.26e-02 2386 80
1.00e-05 1.00e-10 9.94e-11 2.26e-02 2386 80