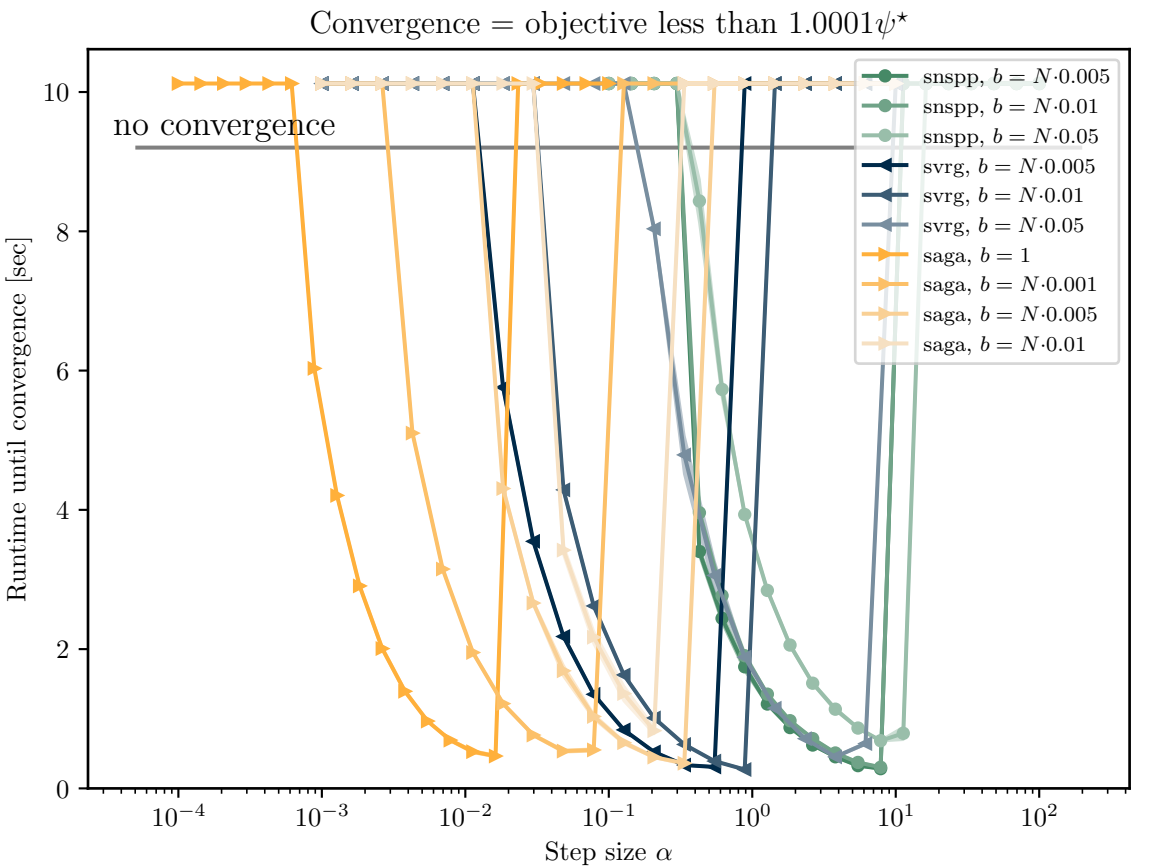
Convergence = objective less than $1.0001\psi^\star$
no convergence
Runtime until convergence [sec]
Step size α
0
2
4
6
8
10
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}
10^{1}
10^{2}
snspp, $b = N{\cdot}0.005$
snspp, $b = N{\cdot}0.01$
snspp, $b = N{\cdot}0.05$
svrg, $b = N{\cdot}0.005$
svrg, $b = N{\cdot}0.01$
svrg, $b = N{\cdot}0.05$
saga, $b = 1$
saga, $b = N{\cdot}0.001$
saga, $b = N{\cdot}0.005$
saga, $b = N{\cdot}0.01$