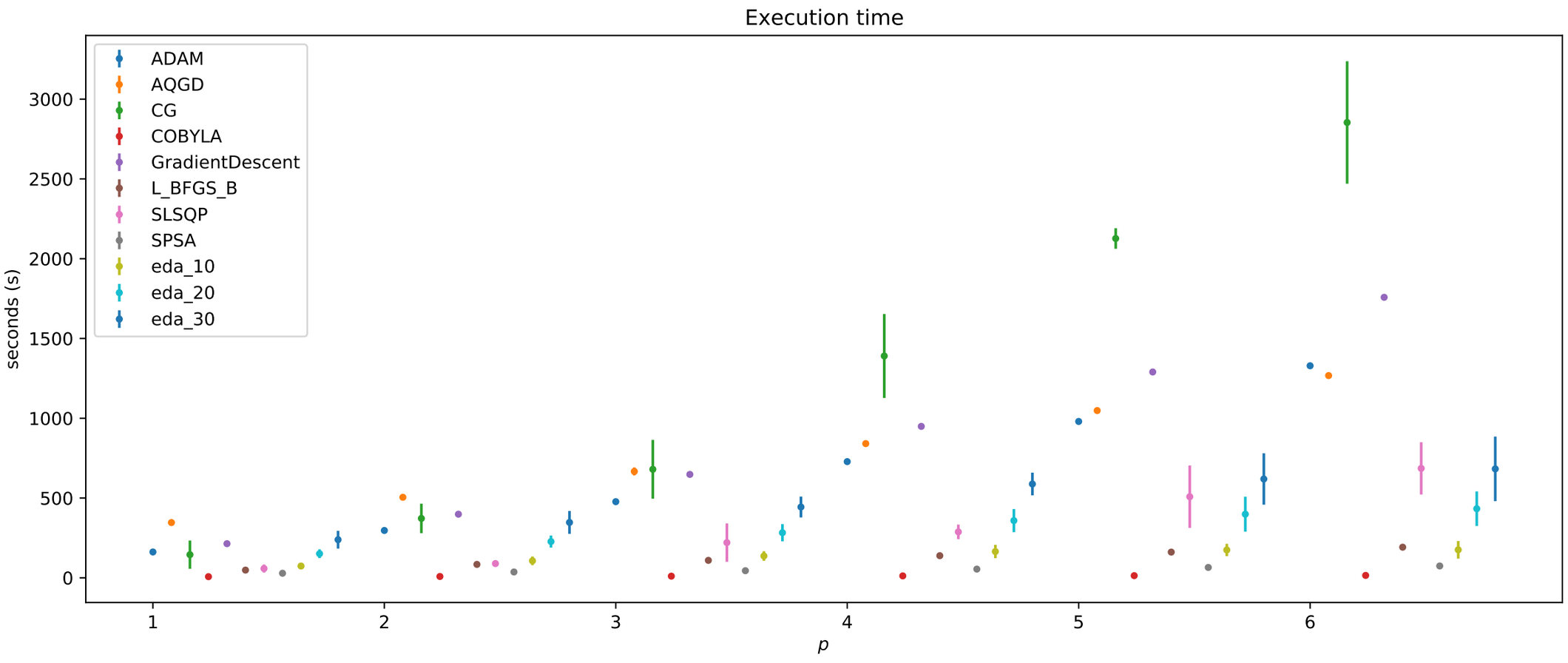
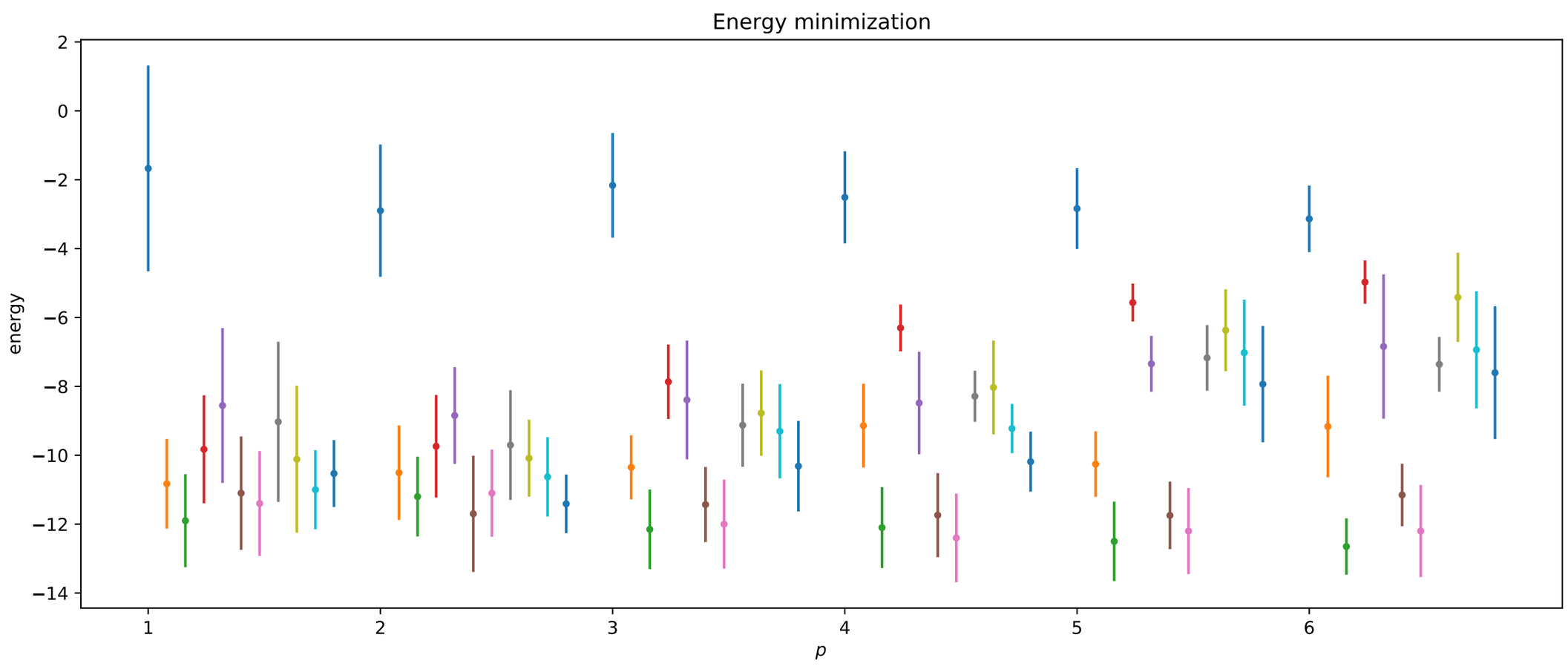

Execution time
ADAM
AQGD
CG
COBYLA
GradientDescent
L_BFGS_B
SLSQP
SPSA
eda_10
eda_20
eda_30
seconds (s)
0
500
1000
1500
2000
2500
3000
1
2
3
4
5
6
p


Energy minimization
energy
2
0
−2
−4
−6
−8
−10
−12
−14
1
2
3
4
5
6
p