

Synthetic benchmark functions

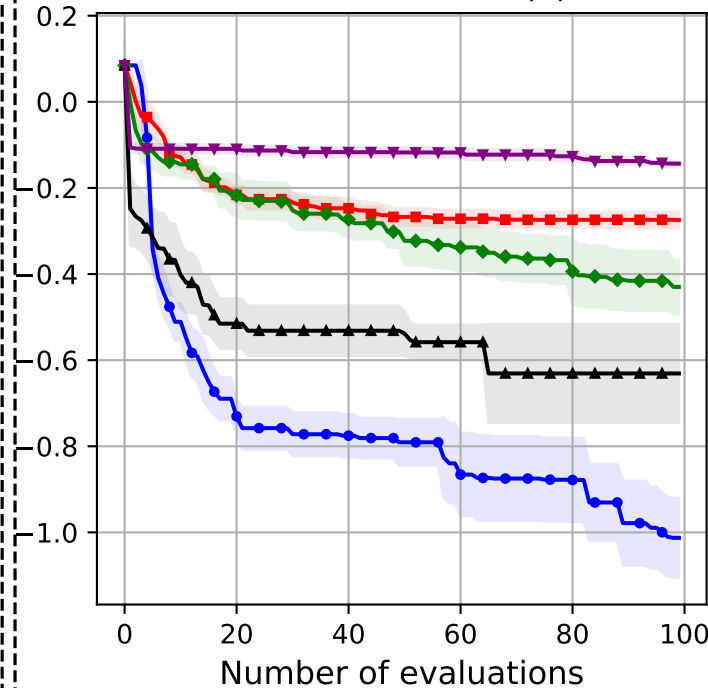
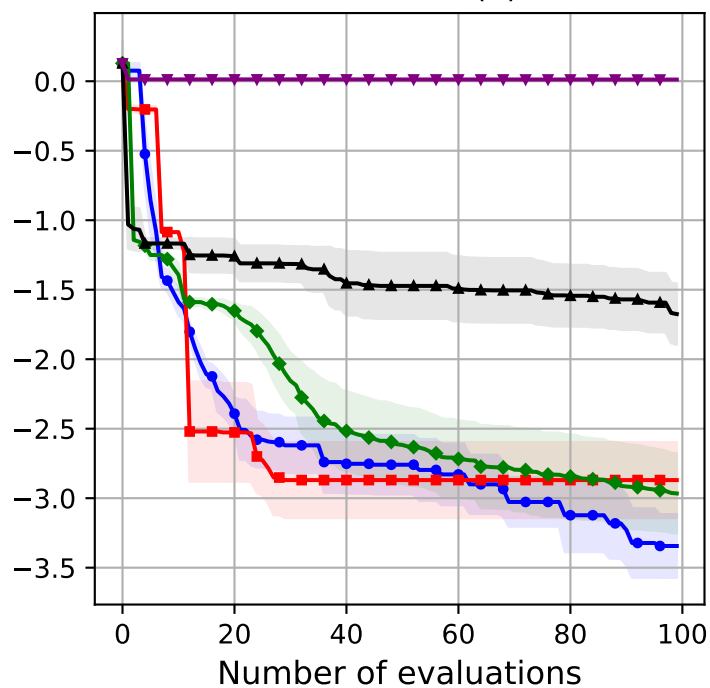
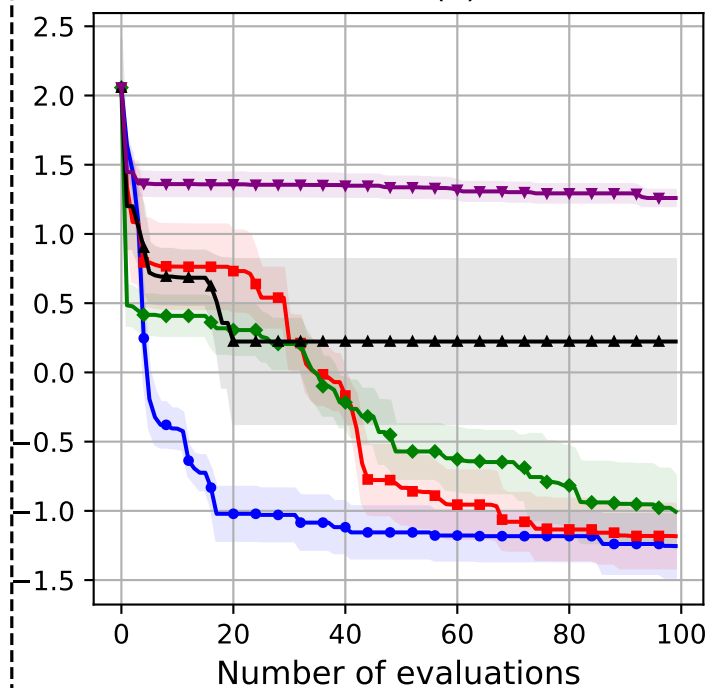
Real-world use cases

$\text{Log}_{10}(\text{Best Positive Regret plus Violation})$

Branin (2)

Simionescu (2)

Gas Transmission (4)

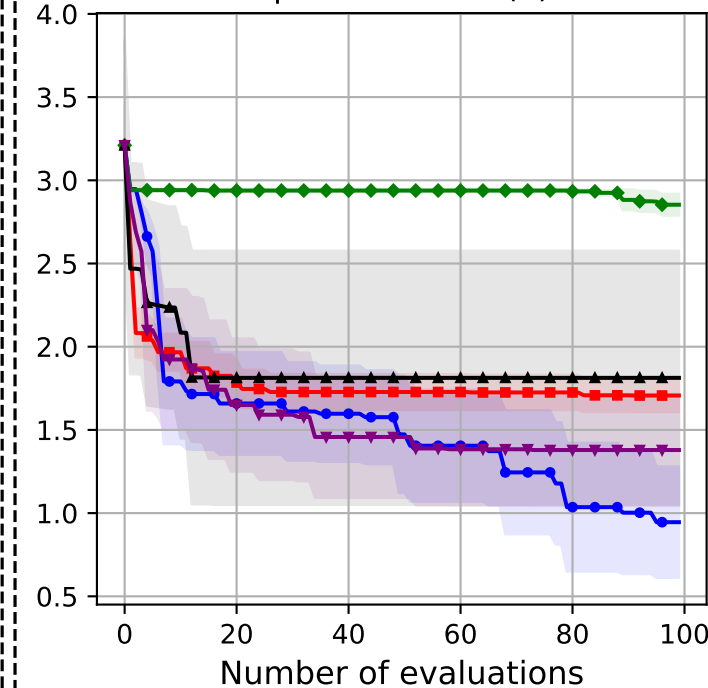
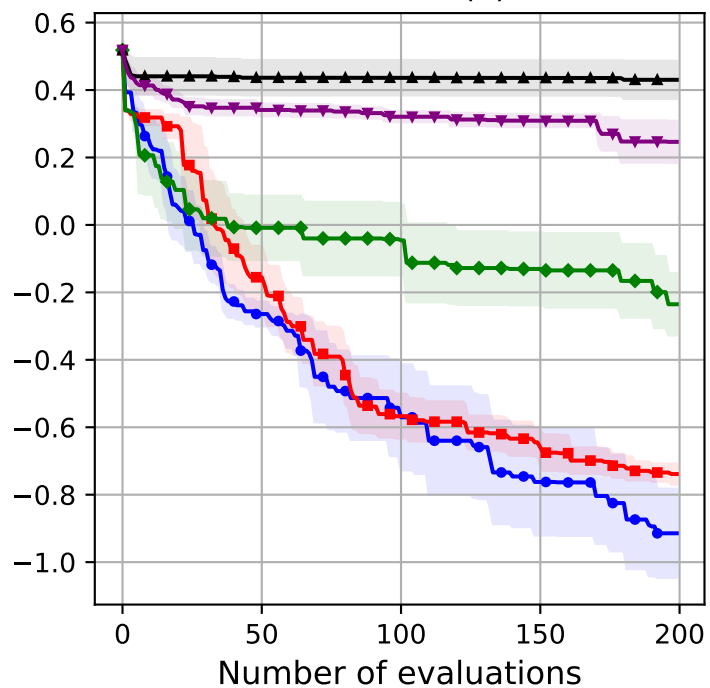
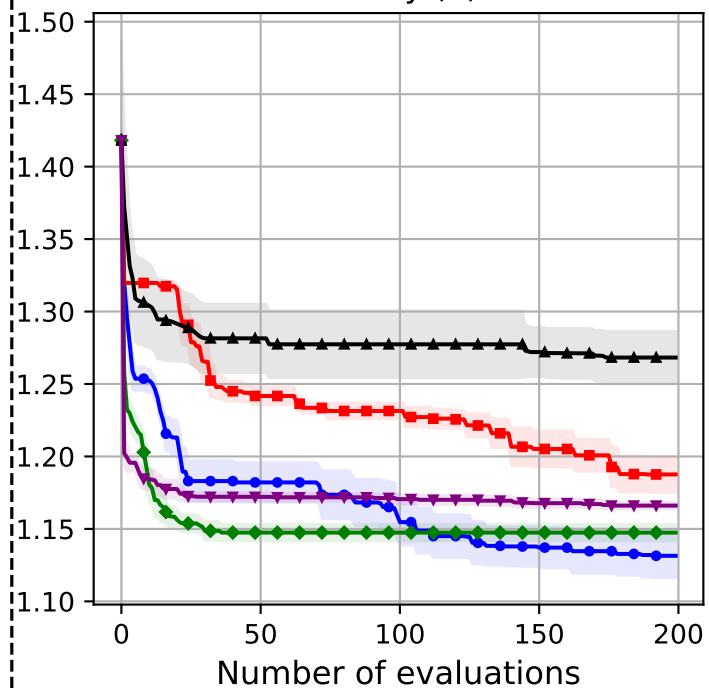


$\text{Log}_{10}(\text{Best Positive Regret plus Violation})$

Ackley (5)

Hartmann (6)

Speed Reducer (7)



Neural-CBO ConfigOpt cEI UCBC ADMMBO