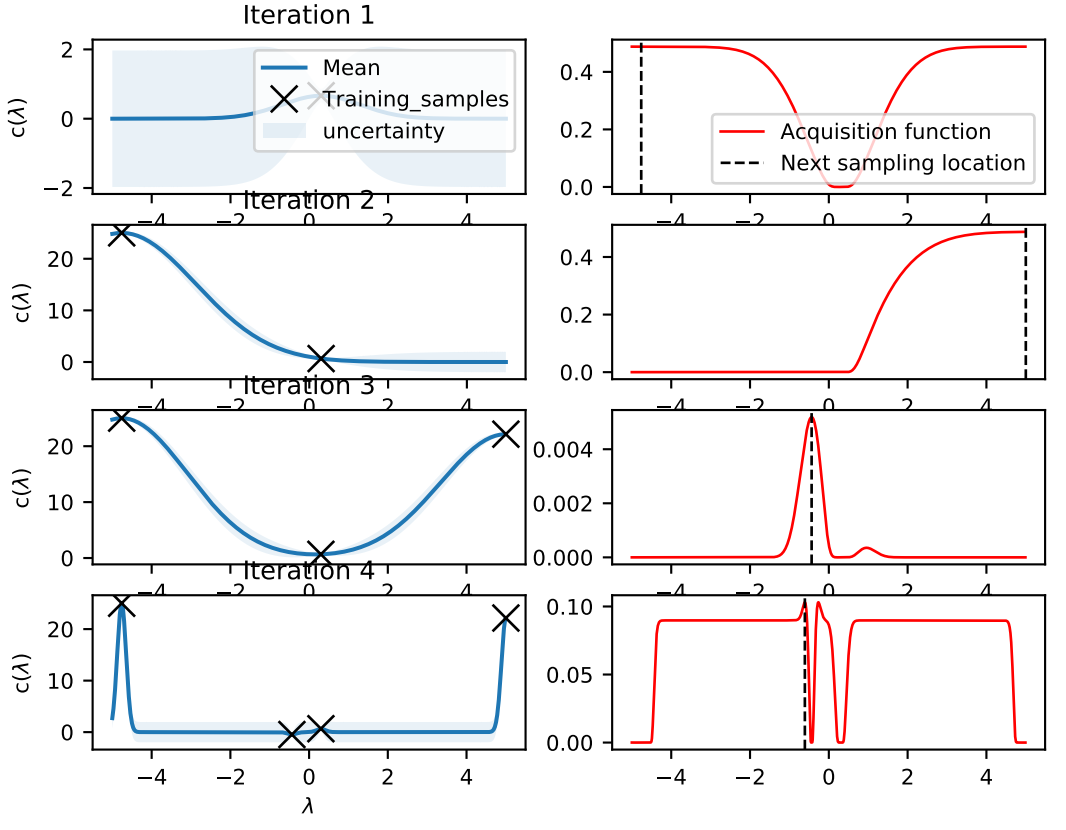
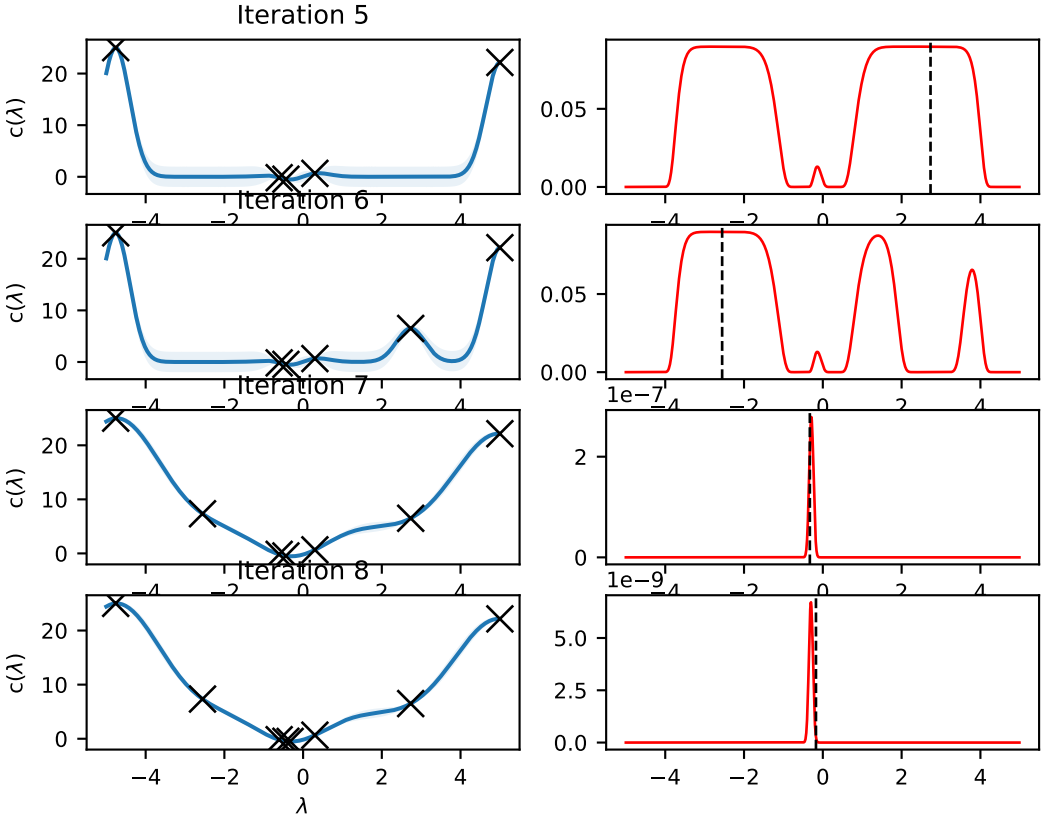
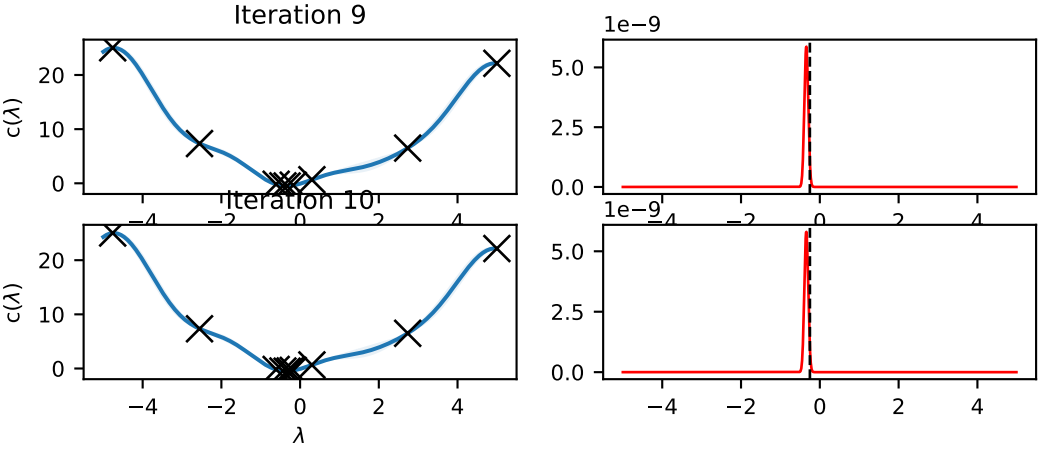
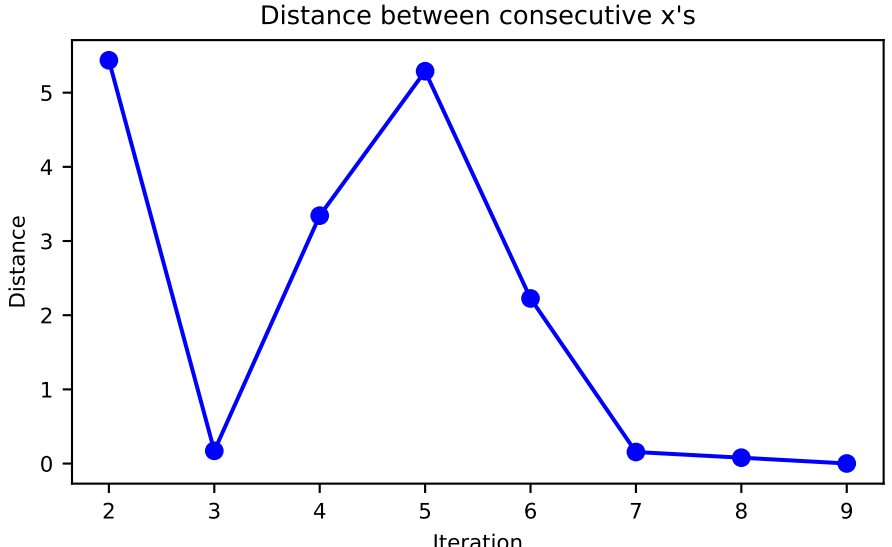
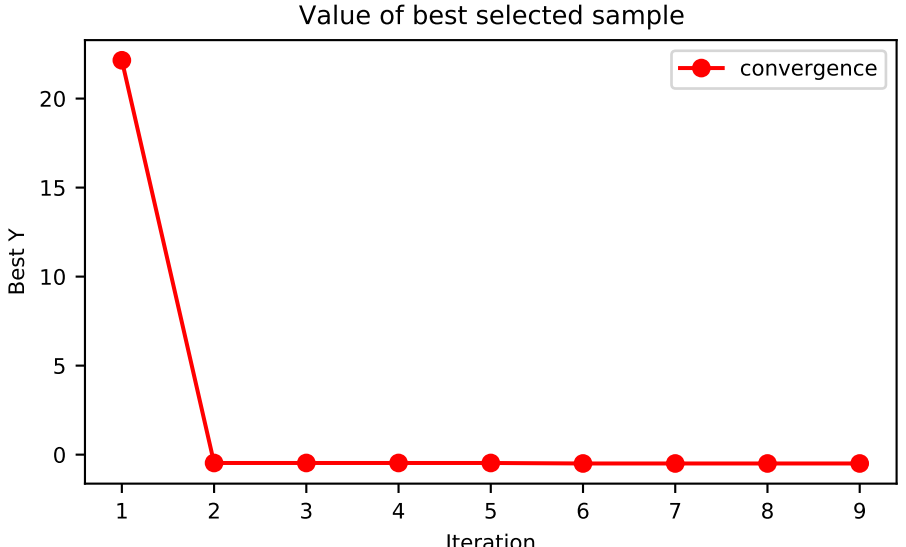

Iteration 1
Iteration 2
Iteration 3
Iteration 4
Mean
Training_samples
uncertainty
Acquisition function
Next sampling location
c(λ)
λ


Iteration 5
Iteration 6
Iteration 7
Iteration 8
c(λ)
λ
1e−7
1e−9


Iteration 9
Iteration 10
c(λ)
λ
1e−9
5.0
2.5
0.0
20
10
0
−4
−2
0
2
4


Distance between consecutive x's
Distance
Iteration
0
1
2
3
4
5
2
3
4
5
6
7
8
9


Value of best selected sample
convergence
Best Y
Iteration
0
5
10
15
20
1
2
3
4
5
6
7
8
9

	λ	c(λ)
1	0.3	0.6630020567504634
2	-4.76165808720458	25.017247294004992
3	5.0	22.15096481210009
4	-0.43659539274217735	-0.4680156488247232
5	-0.6082812865964665	-0.17301403410816252
6	2.733867564387438	6.499649607831843
7	-2.5553578200101645	7.336828074480733
8	-0.3295747165686631	-0.49601705818794367
9	-0.17398262977884027	-0.34741238786302114
10	-0.25317995327596243	-0.4464251433846798
11	-0.251975224902969	-0.4484609960573947