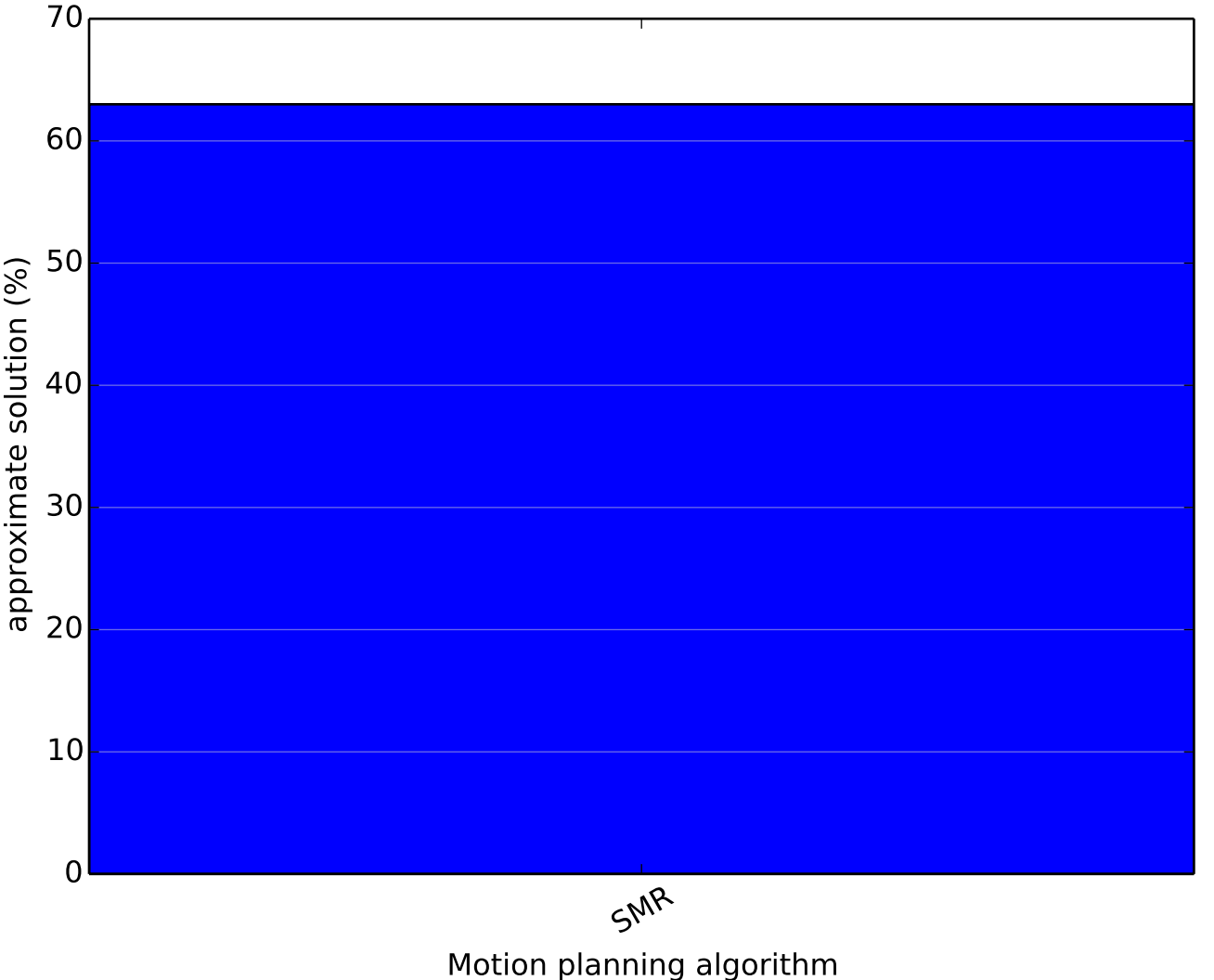
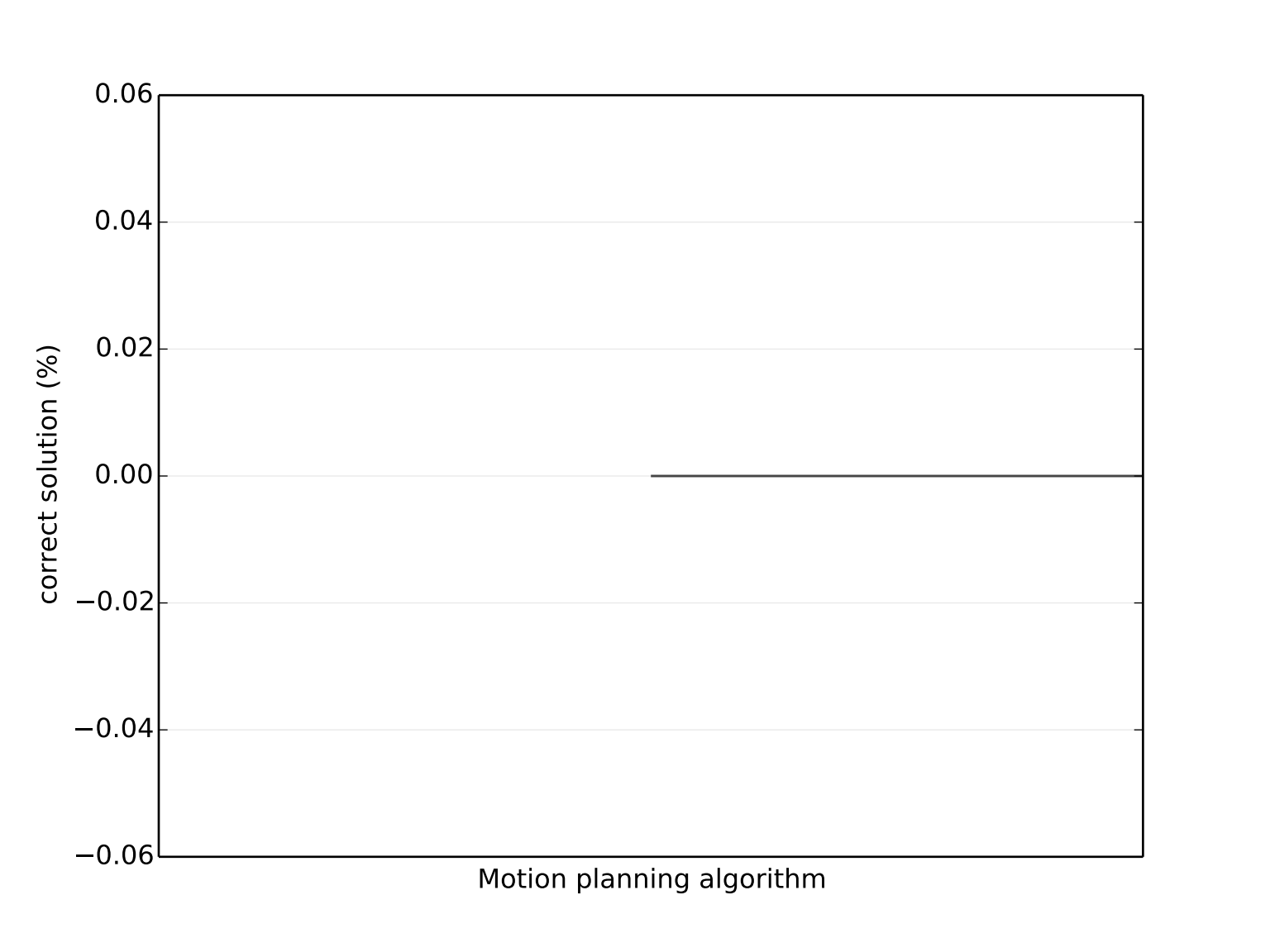
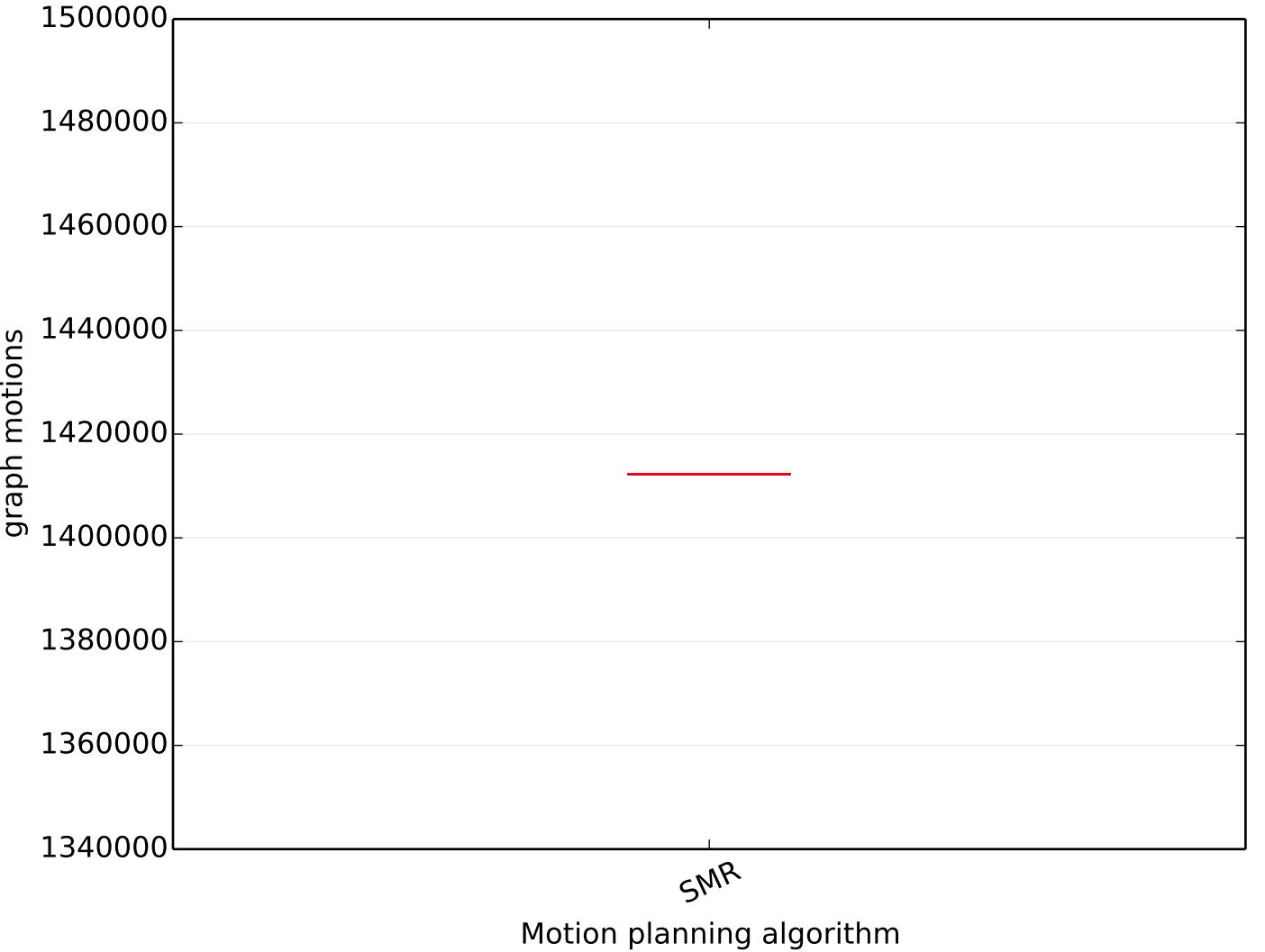
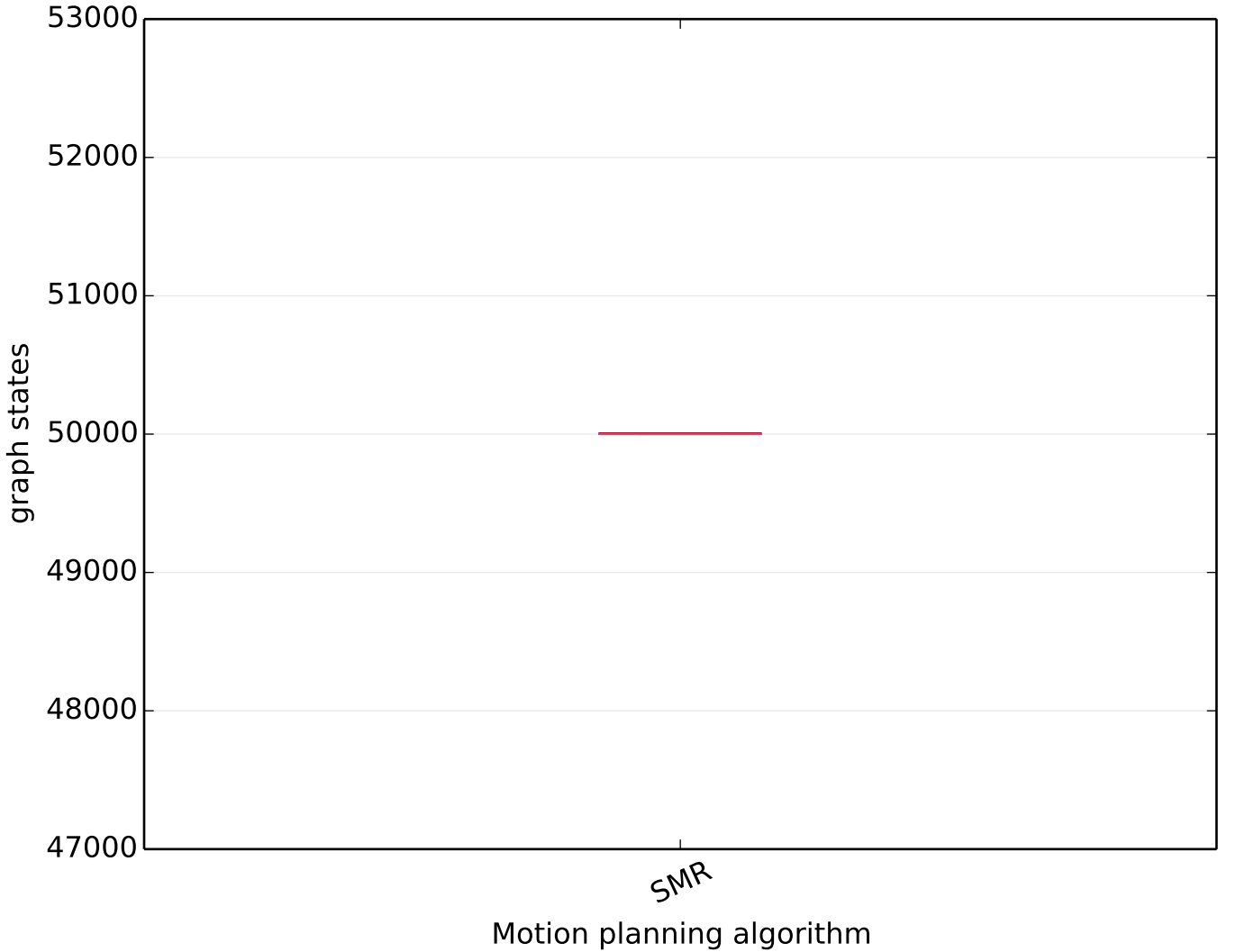
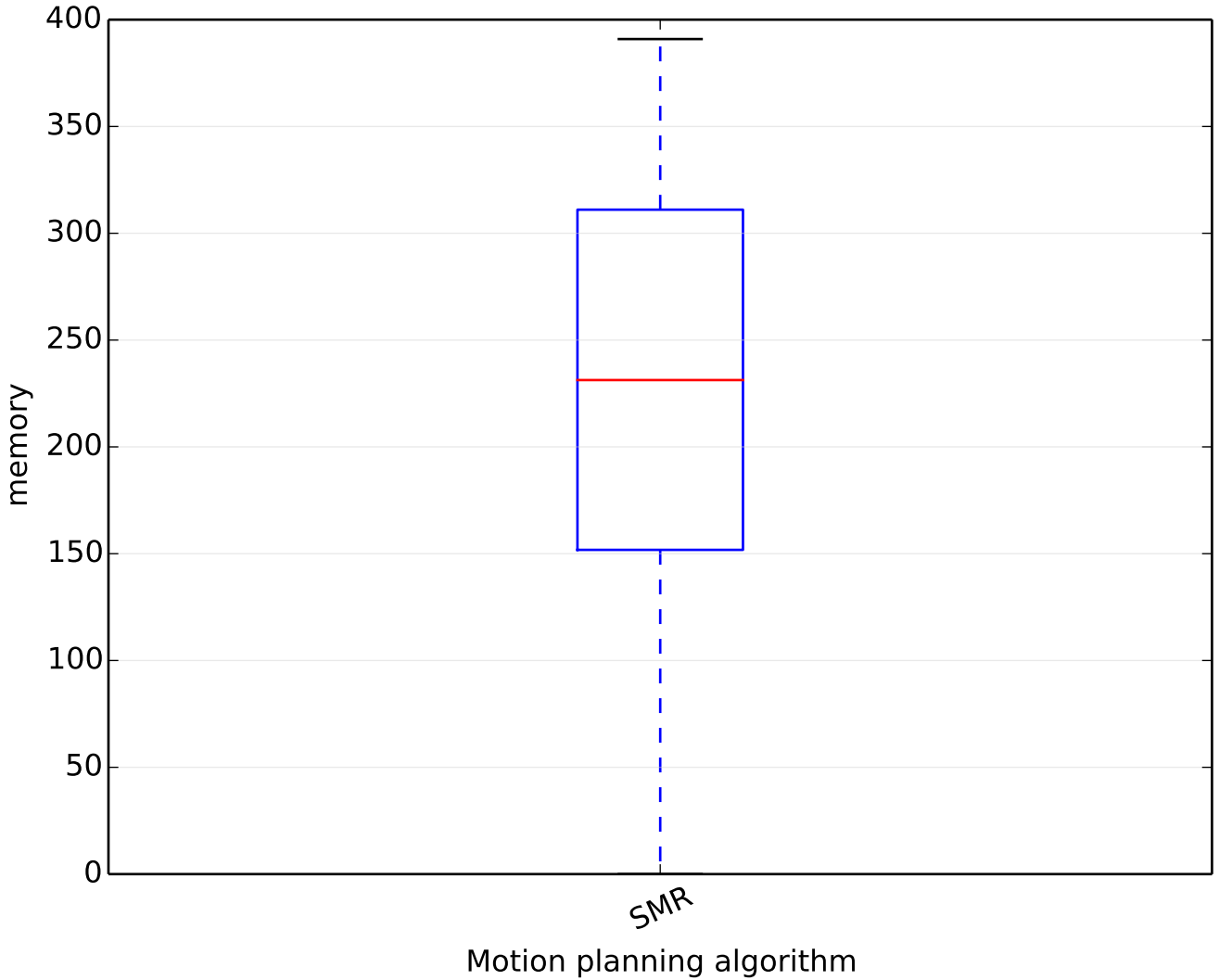
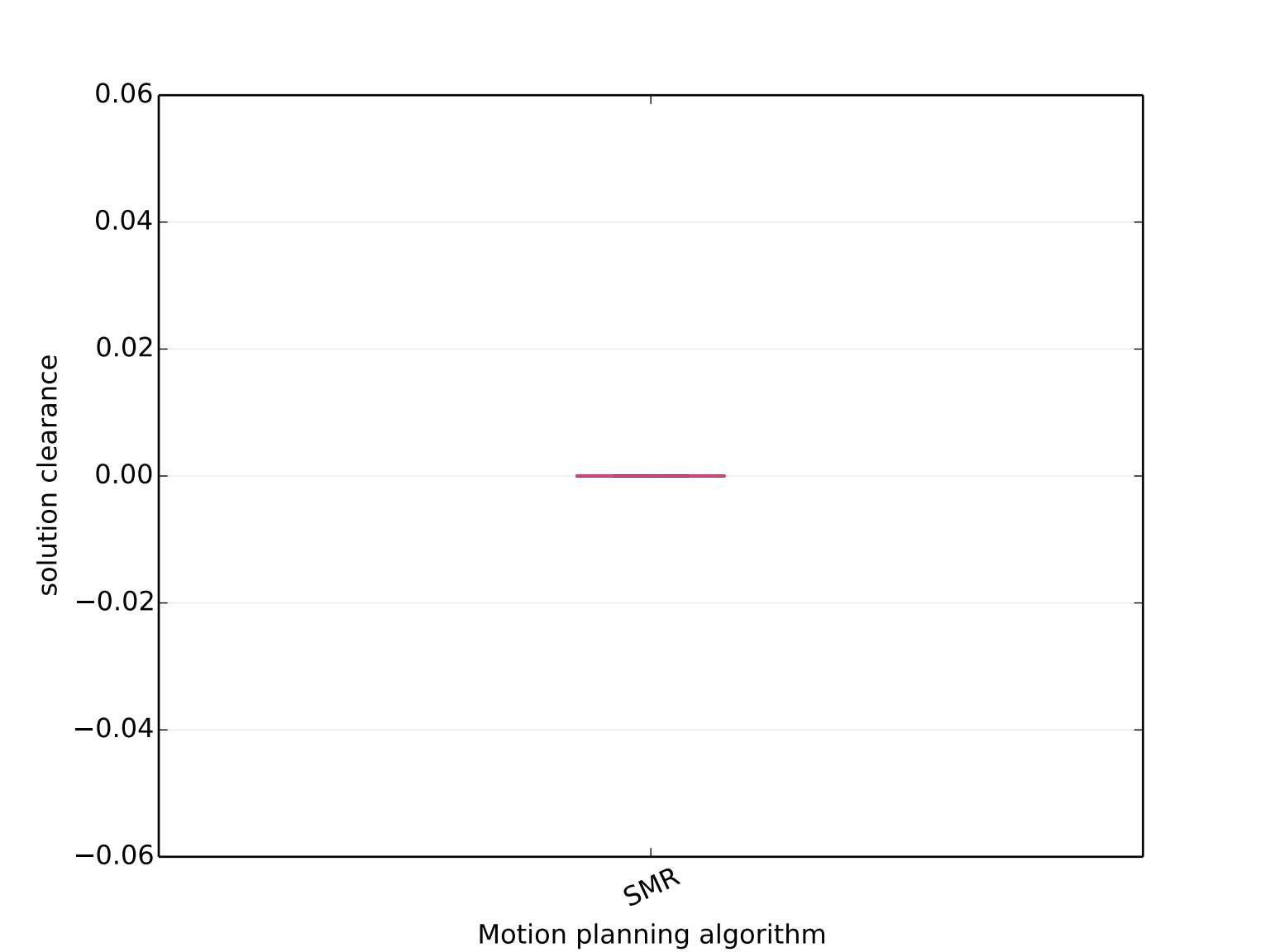

70
60
50
40
30
20
10
0
approximate solution (%)
SMR
Motion planning algorithm

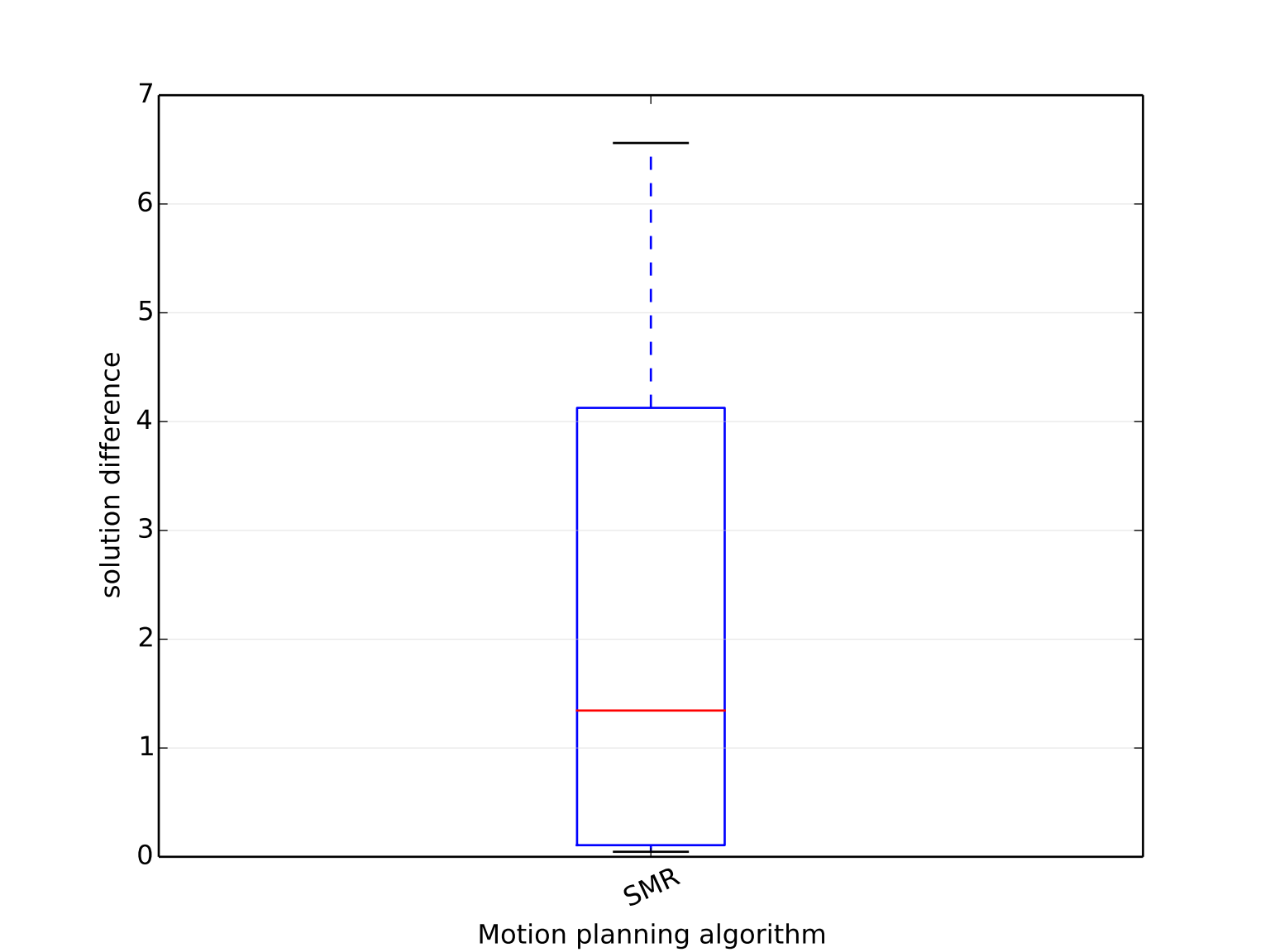

0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
correct solution (%)
Motion planning algorithm

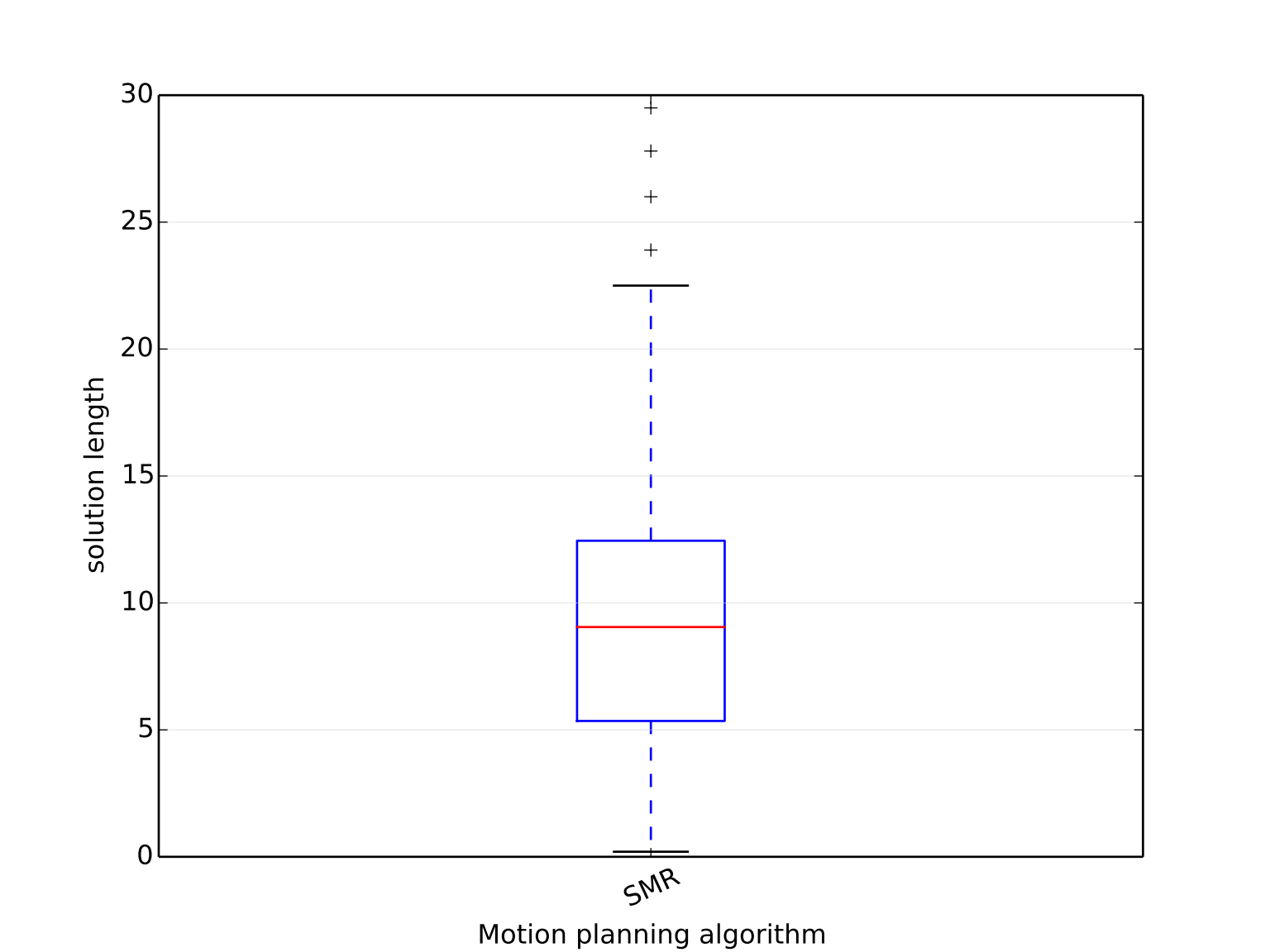

1500000
1480000
1460000
1440000
1420000
1400000
1380000
1360000
1340000
graph motions
SMR
Motion planning algorithm

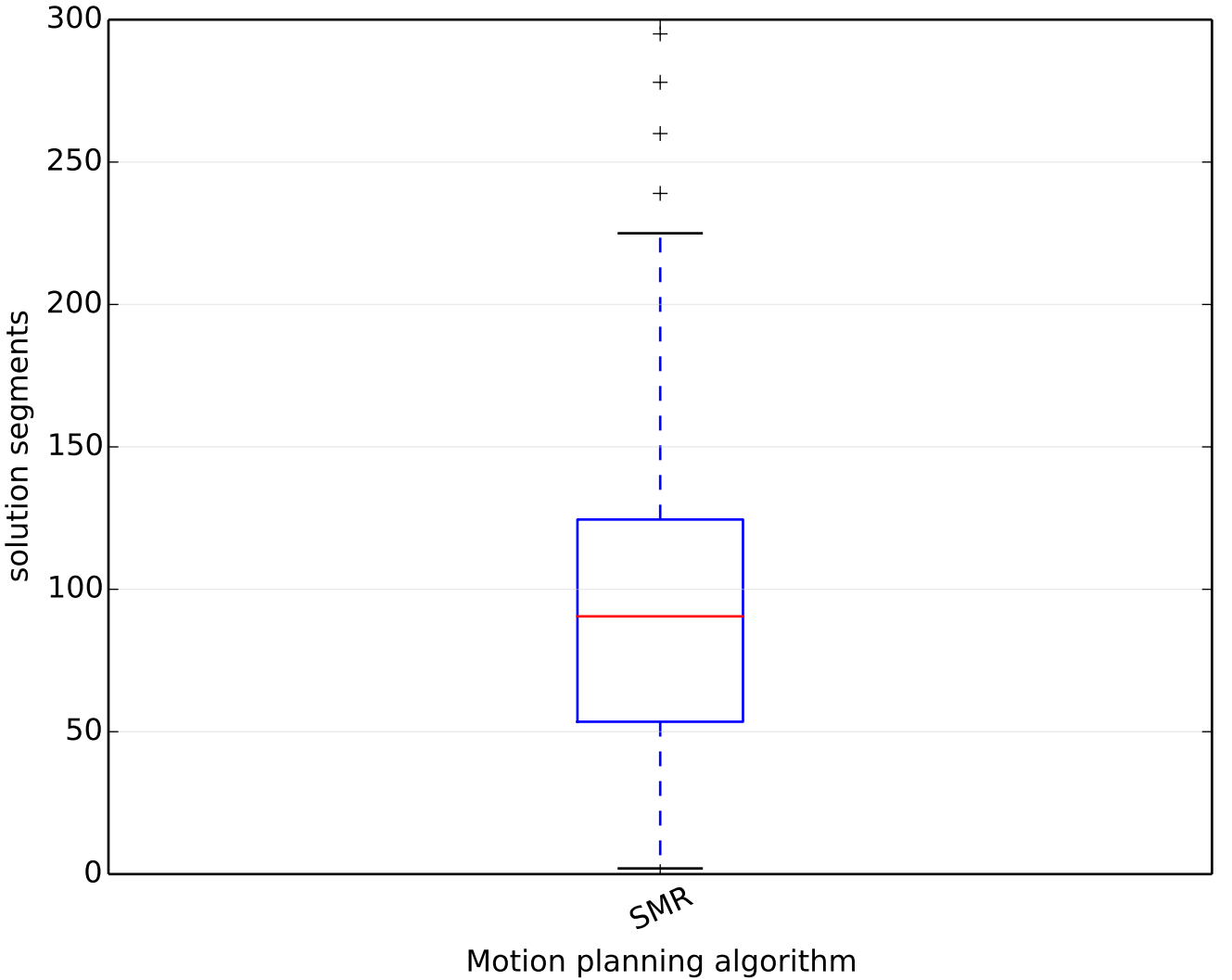

53000
52000
51000
50000
49000
48000
47000
graph states
SMR
Motion planning algorithm

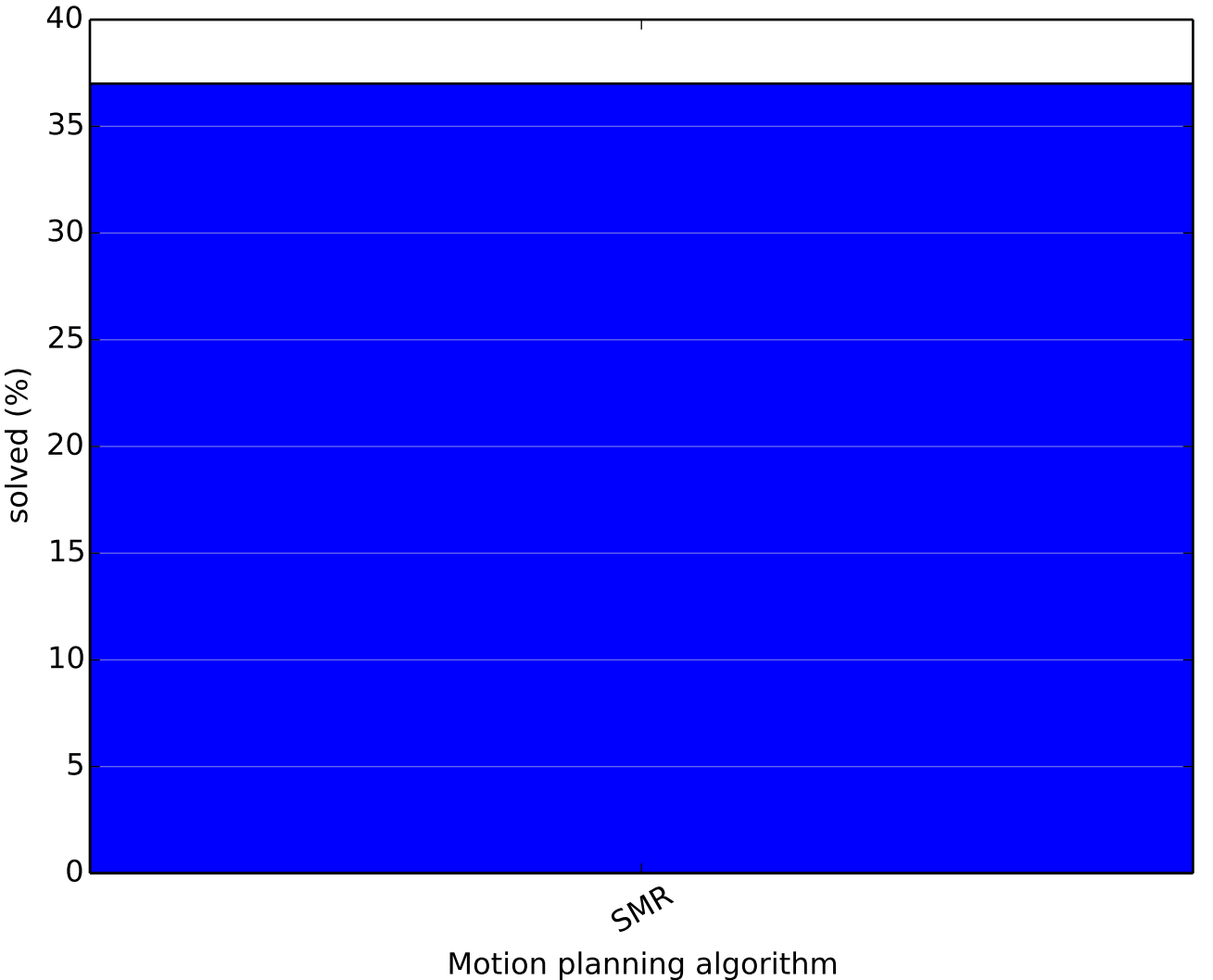

400
350
300
250
200
150
100
50
0
memory
SMR
Motion planning algorithm

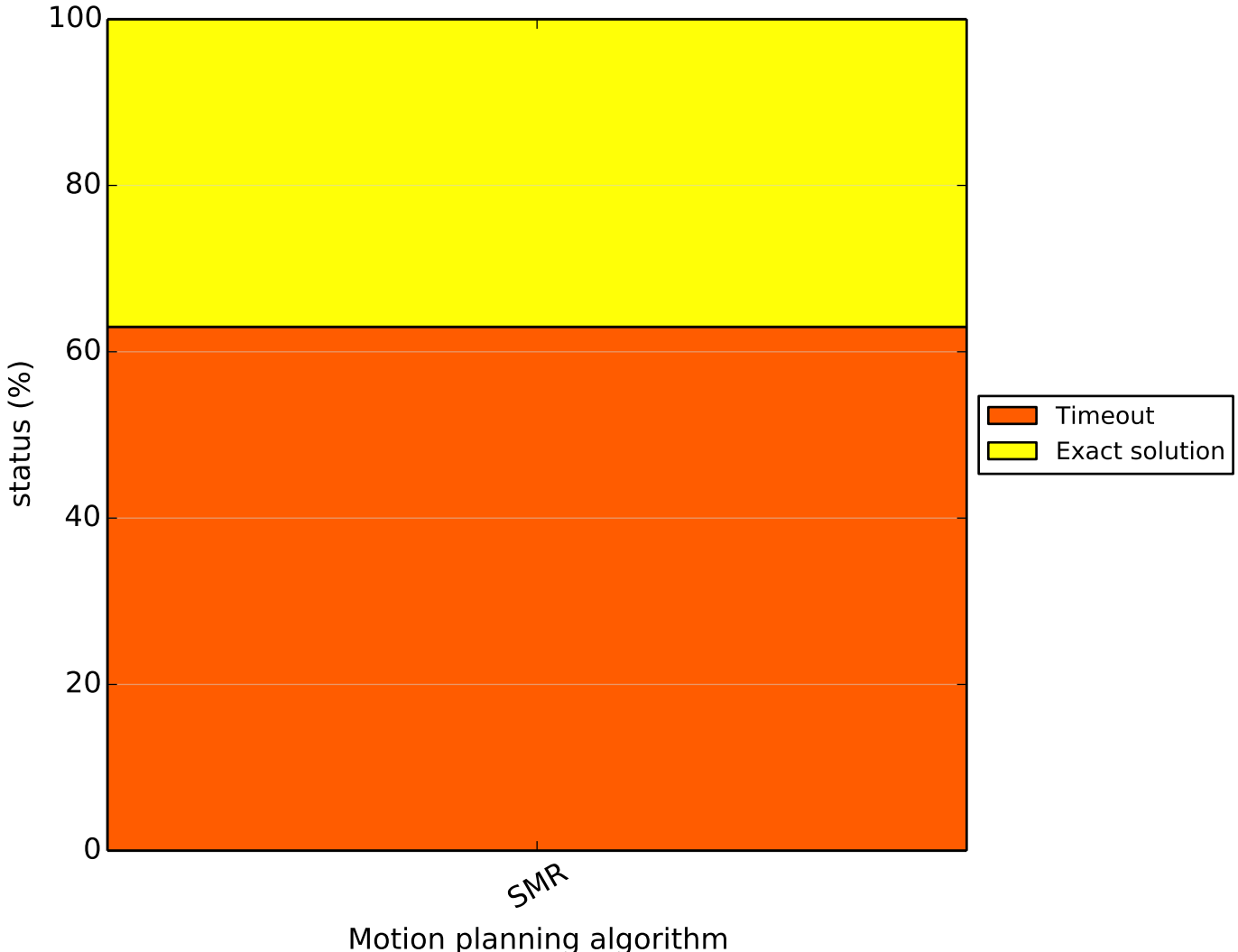

0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
solution clearance
SMR
Motion planning algorithm

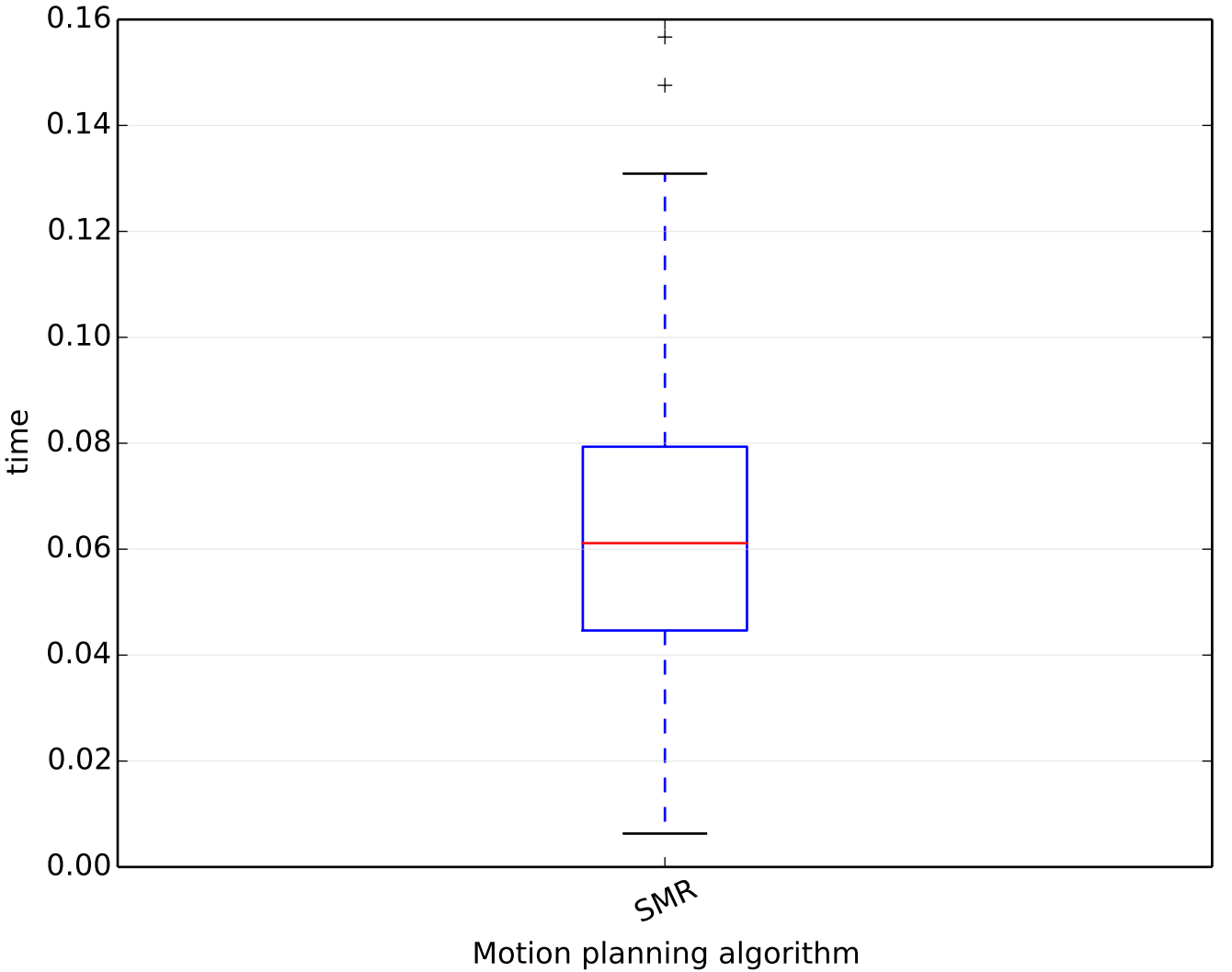

7
6
5
4
3
2
1
0
solution difference
SMR
Motion planning algorithm

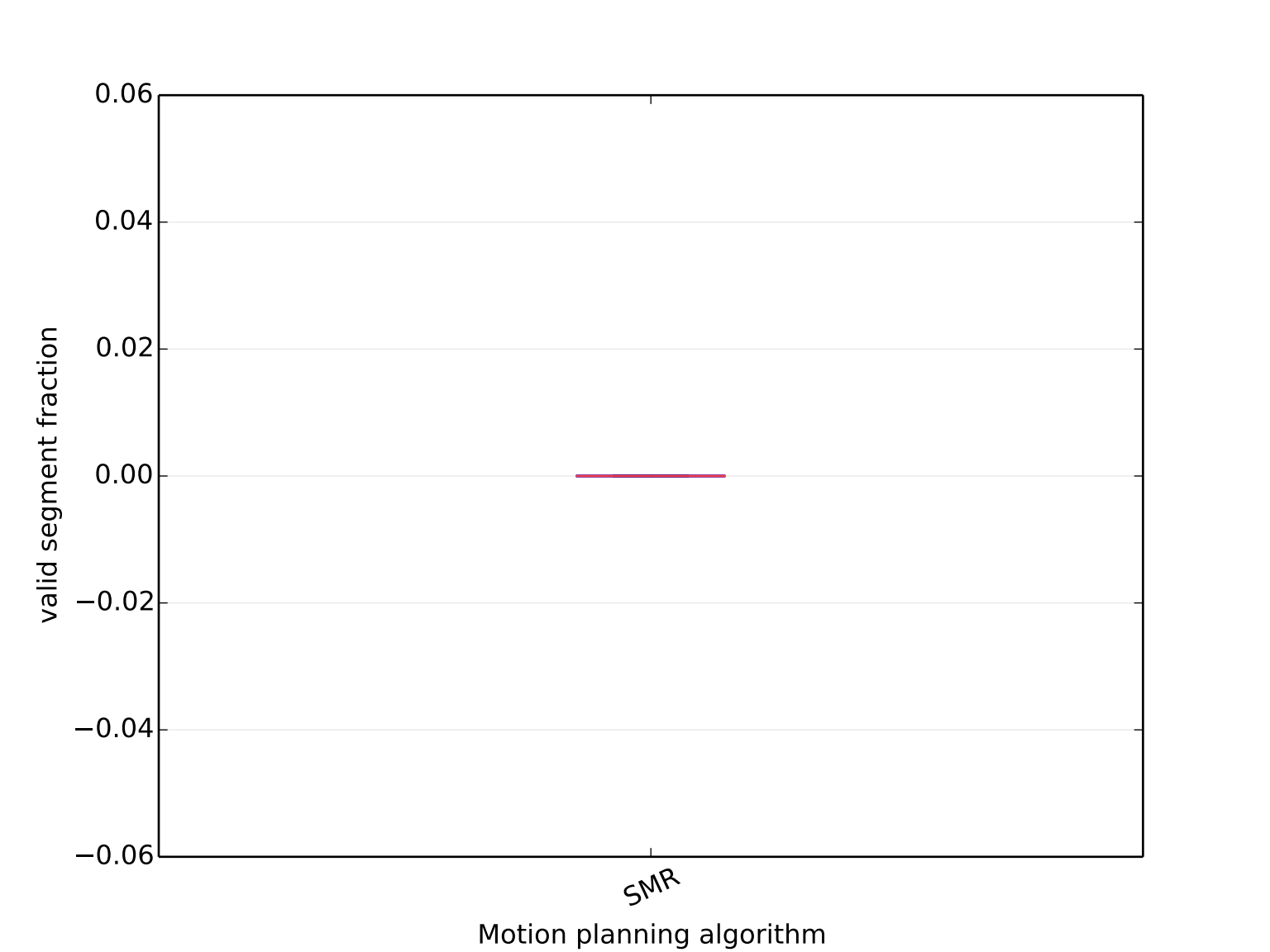

30
25
20
15
10
5
0
solution length
SMR
Motion planning algorithm


300
250
200
150
100
50
0
solution segments
SMR
Motion planning algorithm


40
35
30
25
20
15
10
5
0
solved (%)
SMR
Motion planning algorithm


100
80
60
40
20
0
status (%)
SMR
Motion planning algorithm
Timeout
Exact solution


0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
time
SMR
Motion planning algorithm


0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
valid segment fraction
SMR
Motion planning algorithm

Experiment "benchmark_sd0.020000"

Number of averaged runs: 100

Time limit per run: 20 seconds

Memory limit per run: 1000 MB