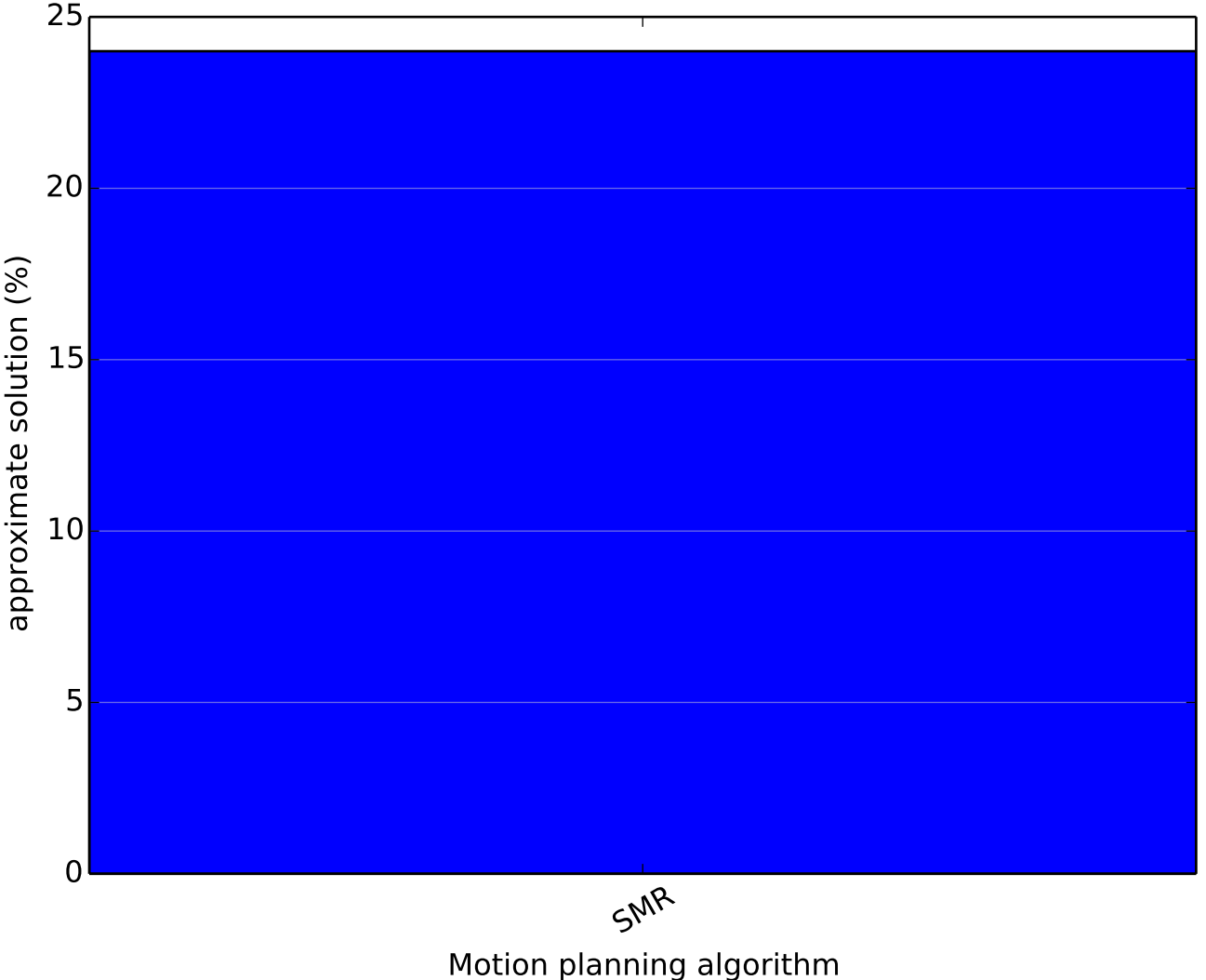
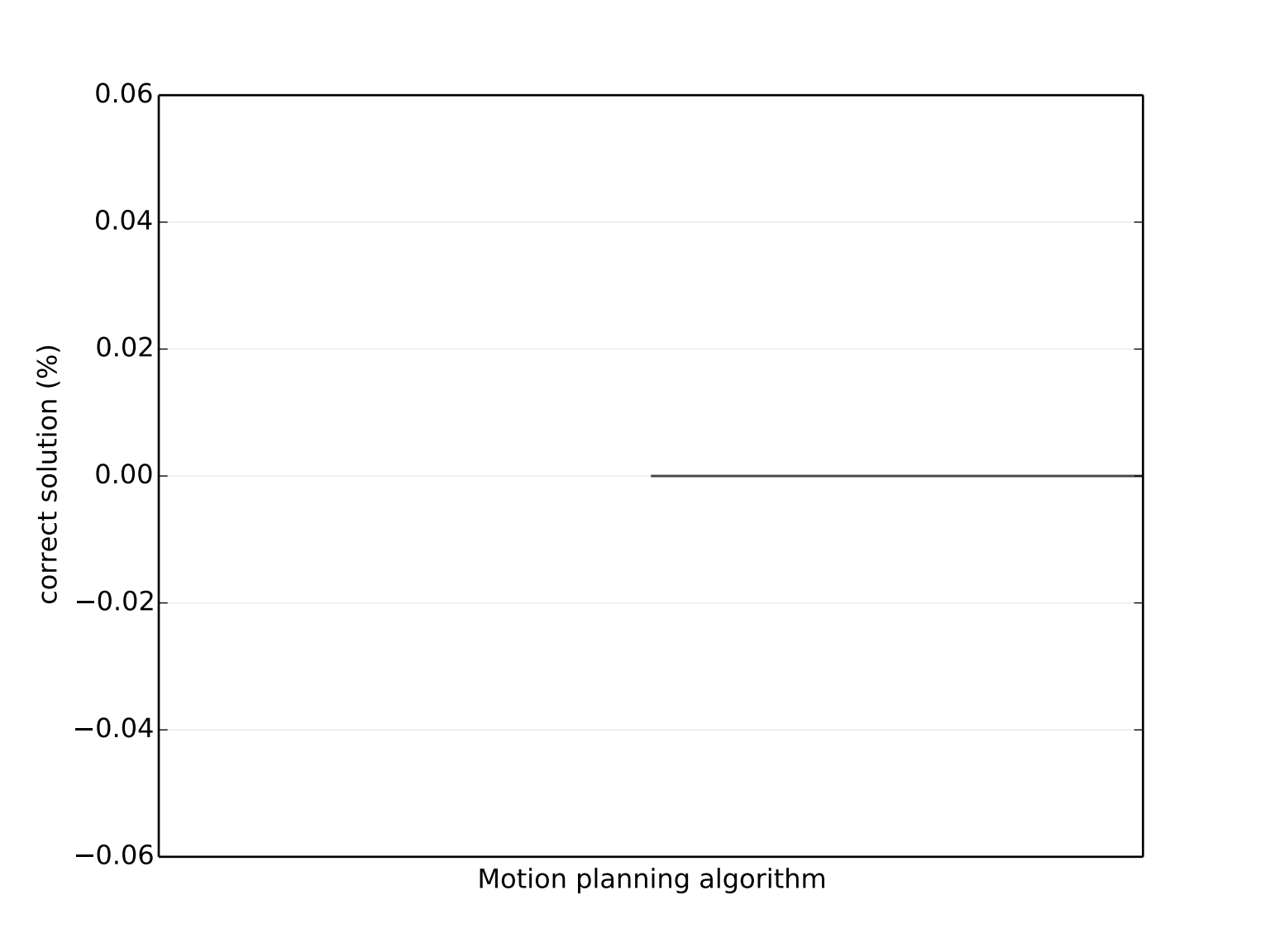
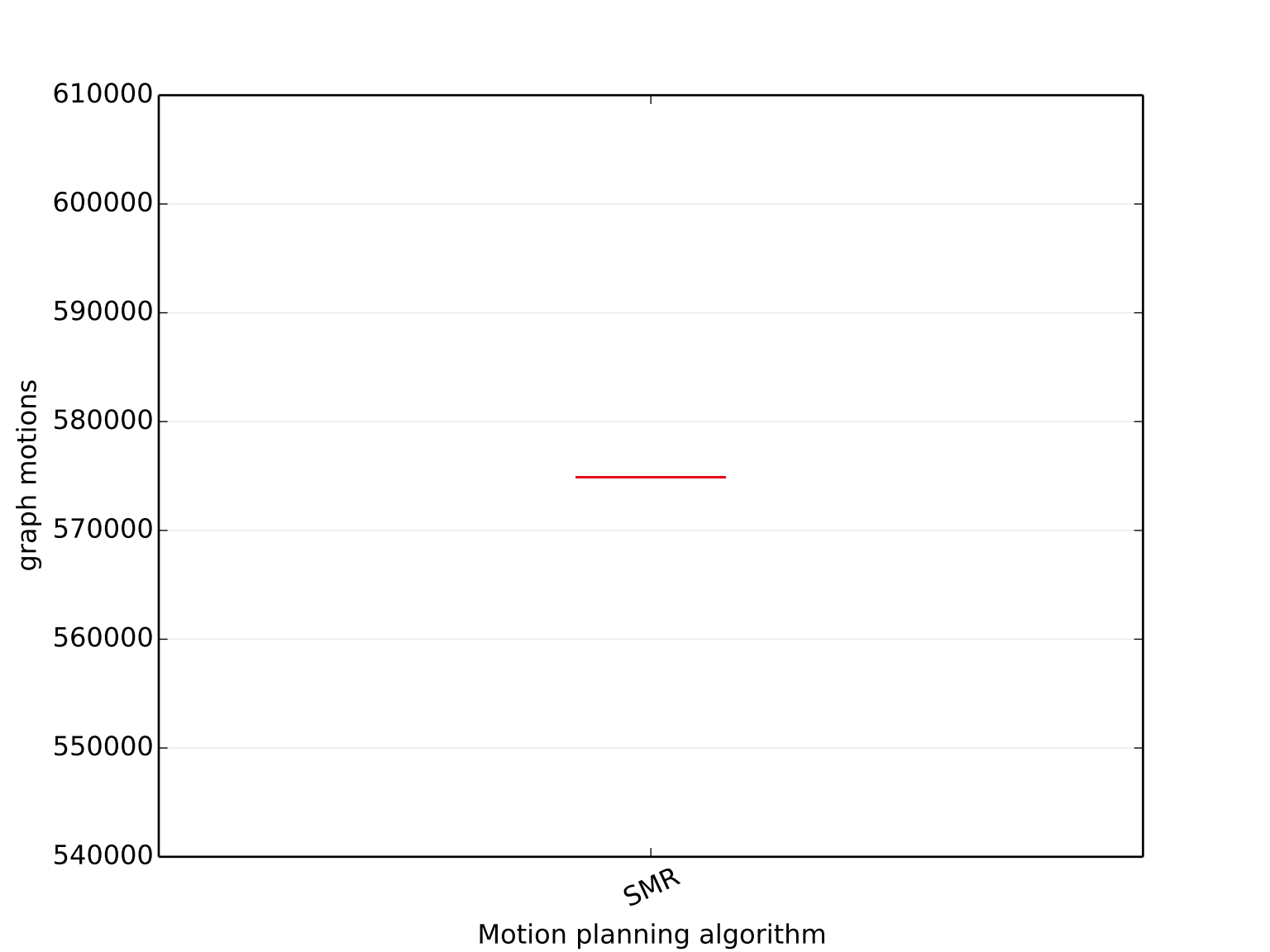
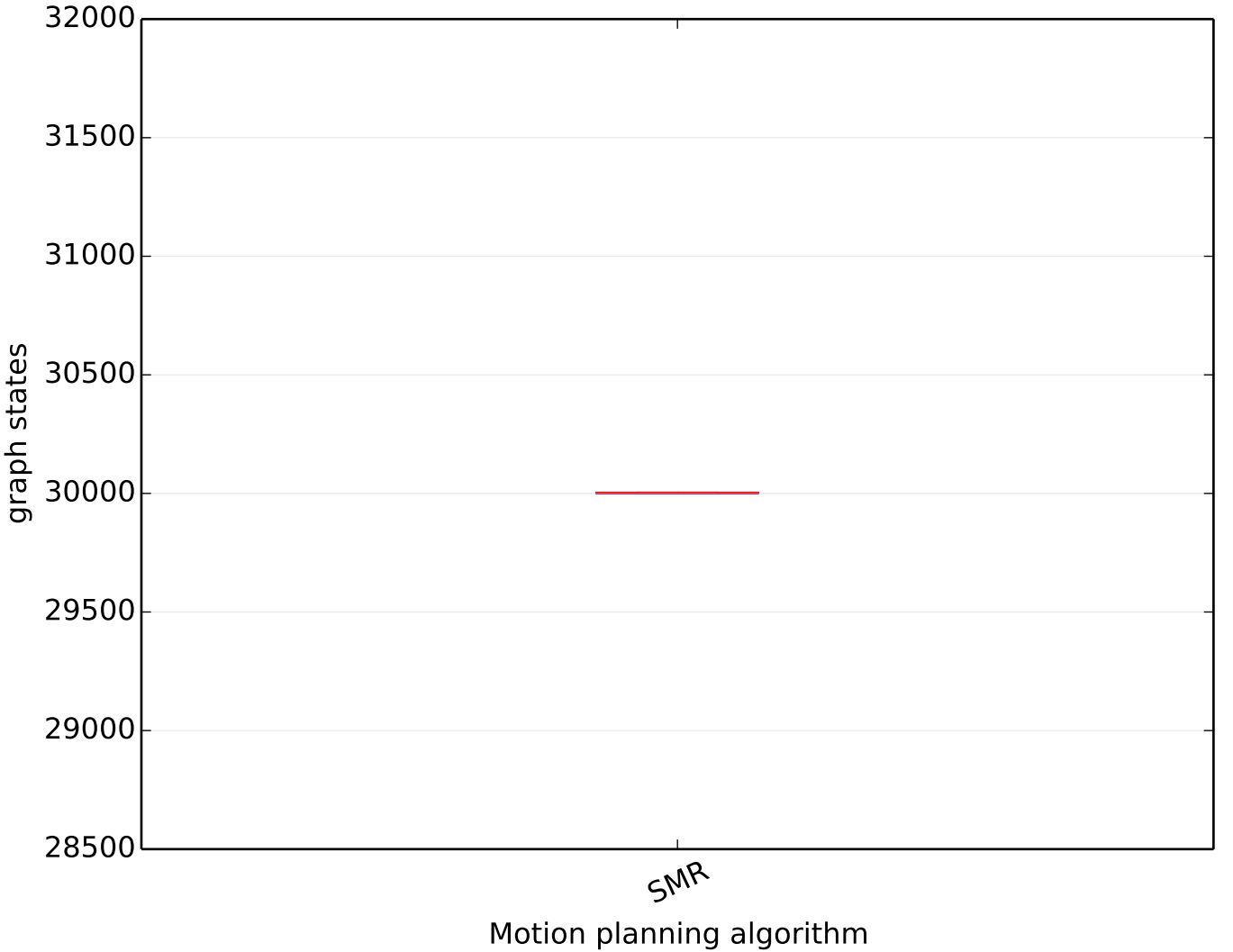
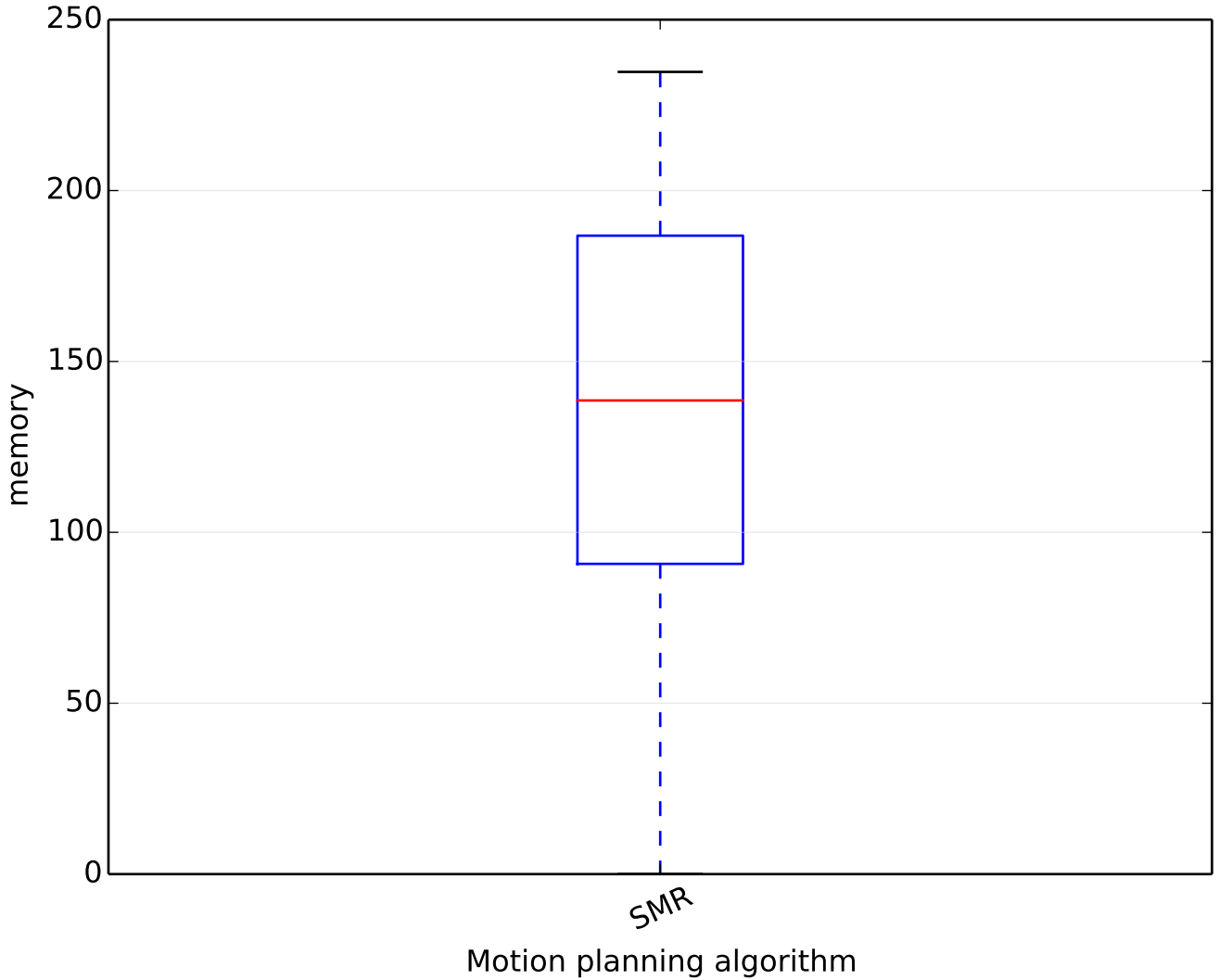
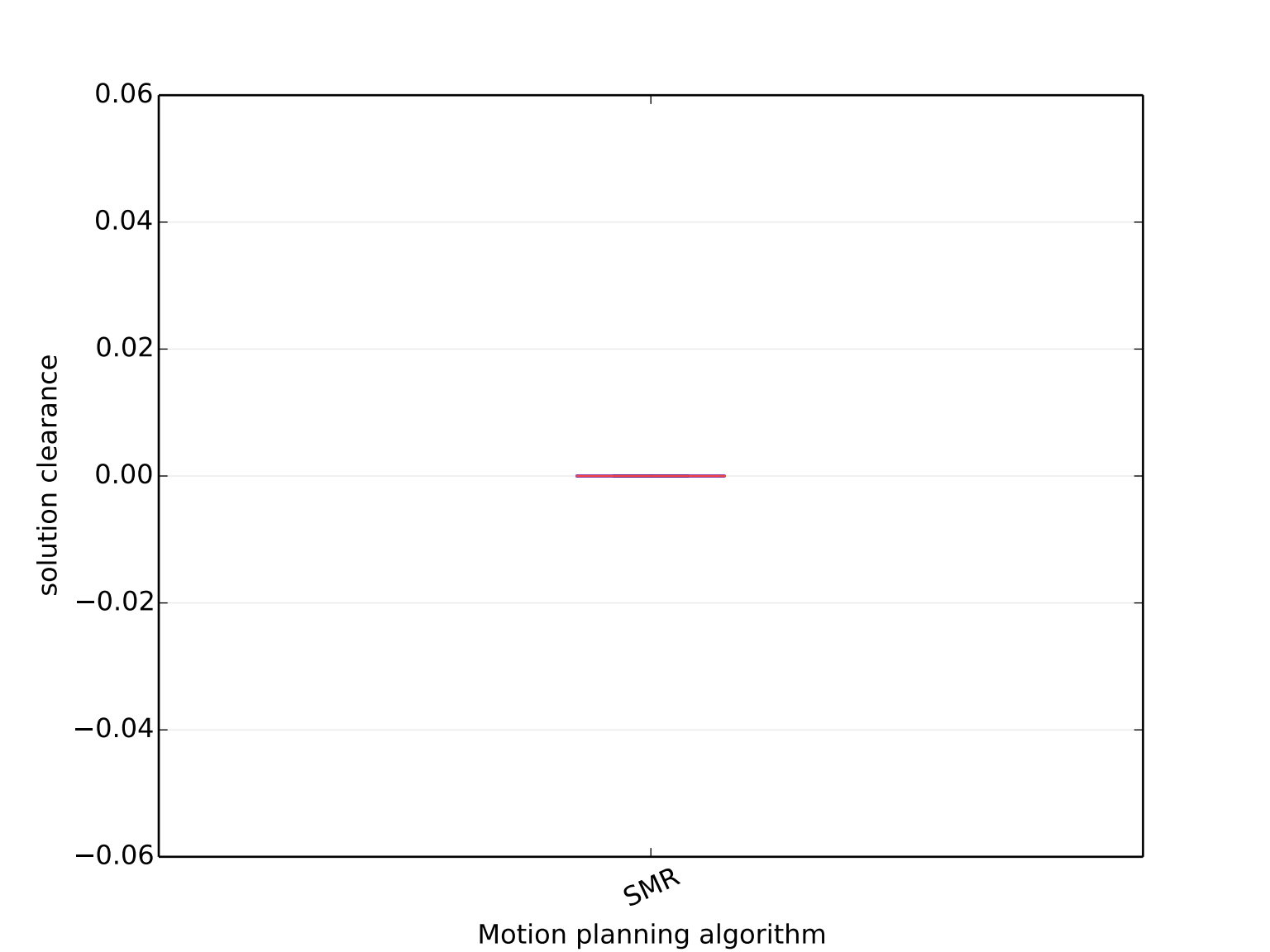

25
20
15
10
5
0
approximate solution (%)
SMR
Motion planning algorithm

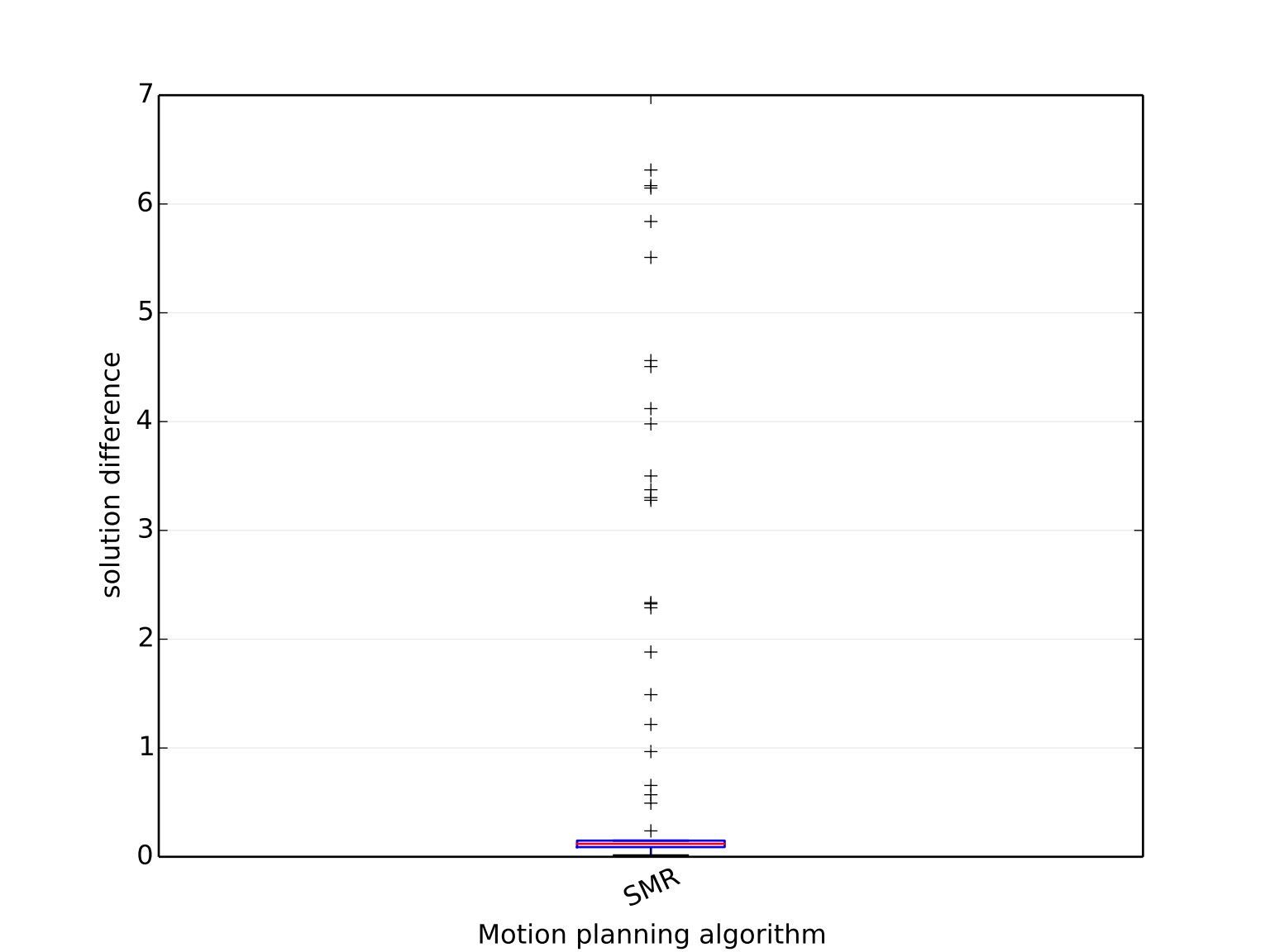

0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
correct solution (%)
Motion planning algorithm

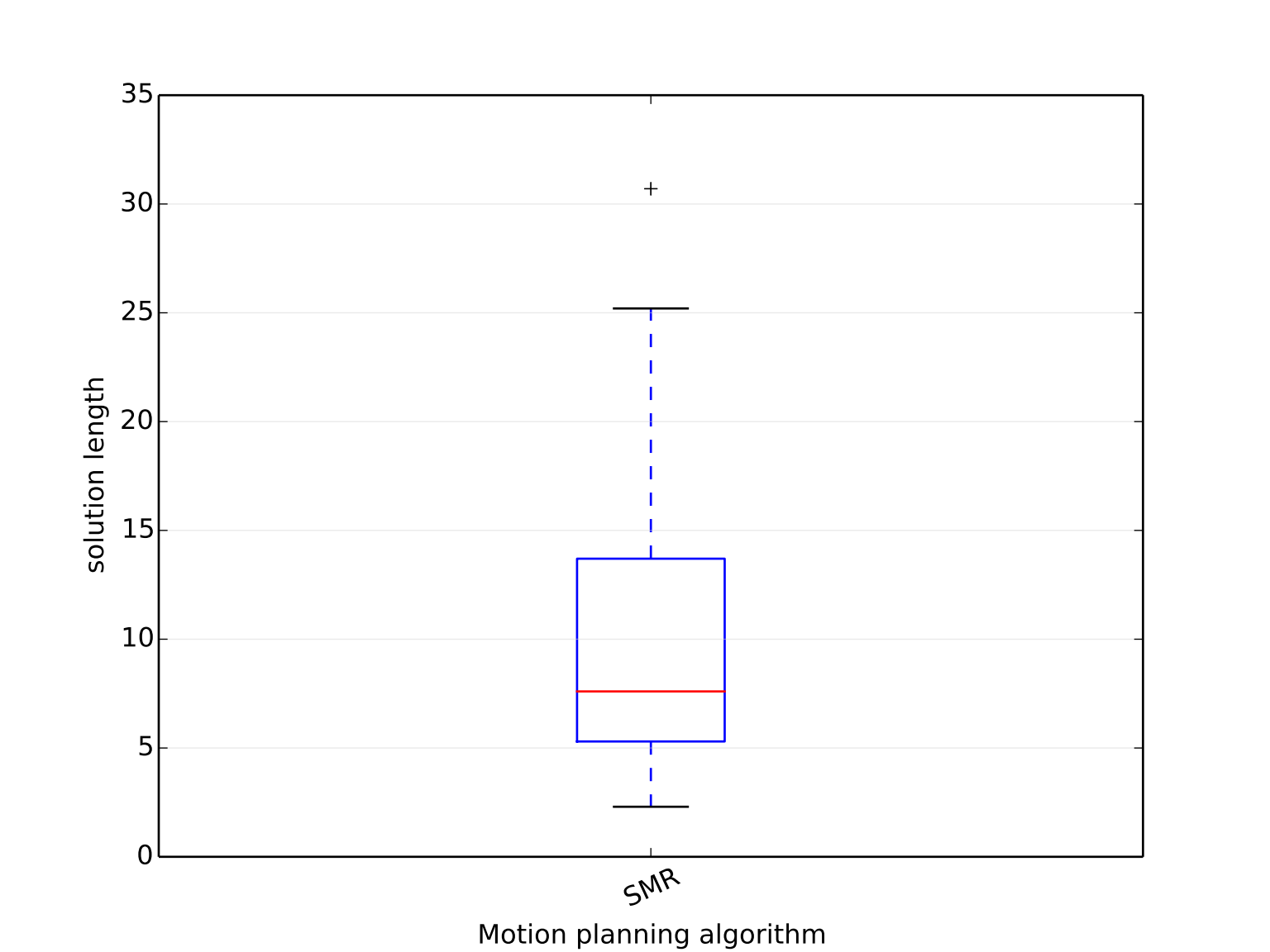

610000
600000
590000
580000
570000
560000
550000
540000
graph motions
SMR
Motion planning algorithm

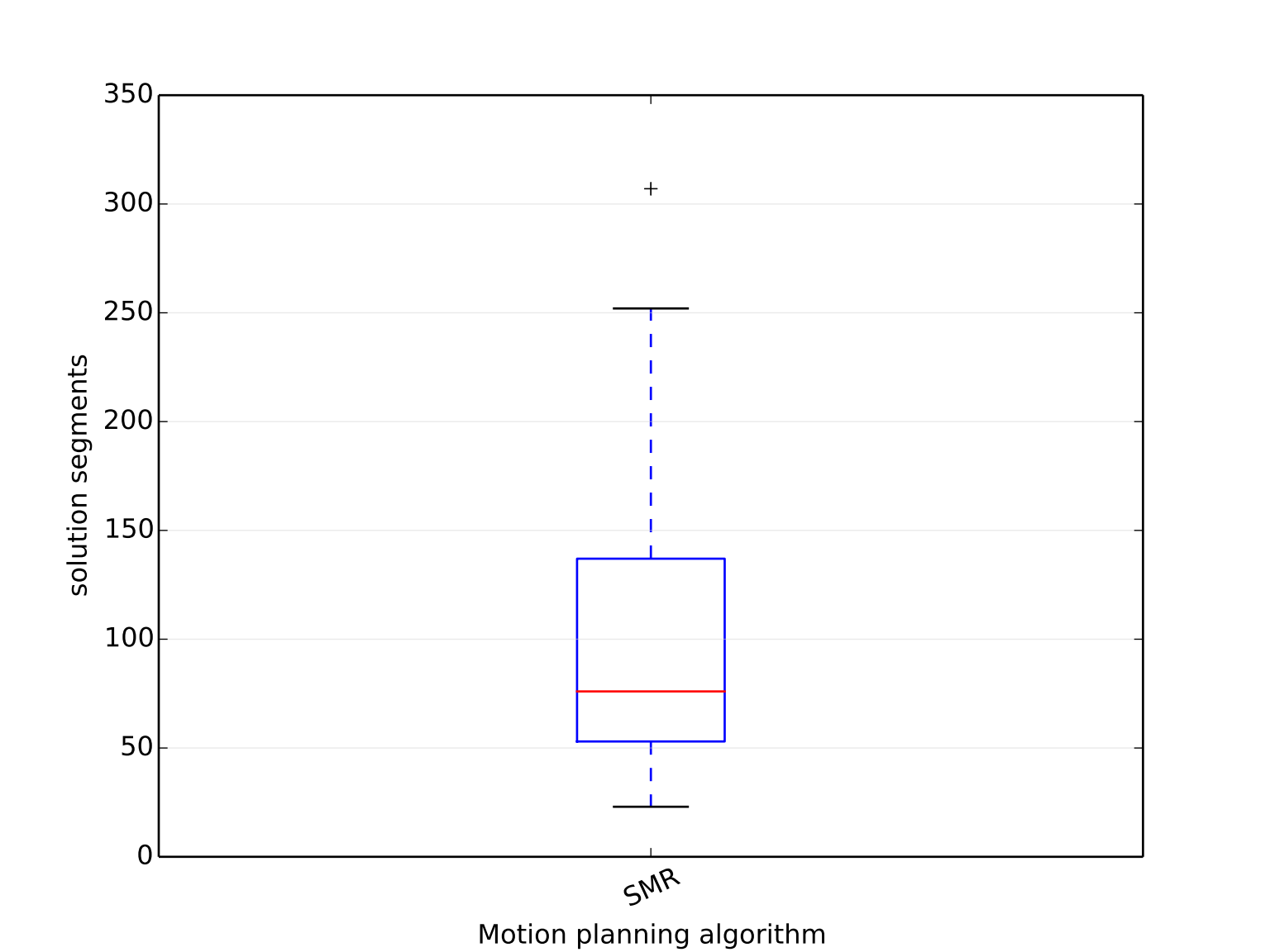

32000
31500
31000
30500
30000
29500
29000
28500
graph states
SMR
Motion planning algorithm

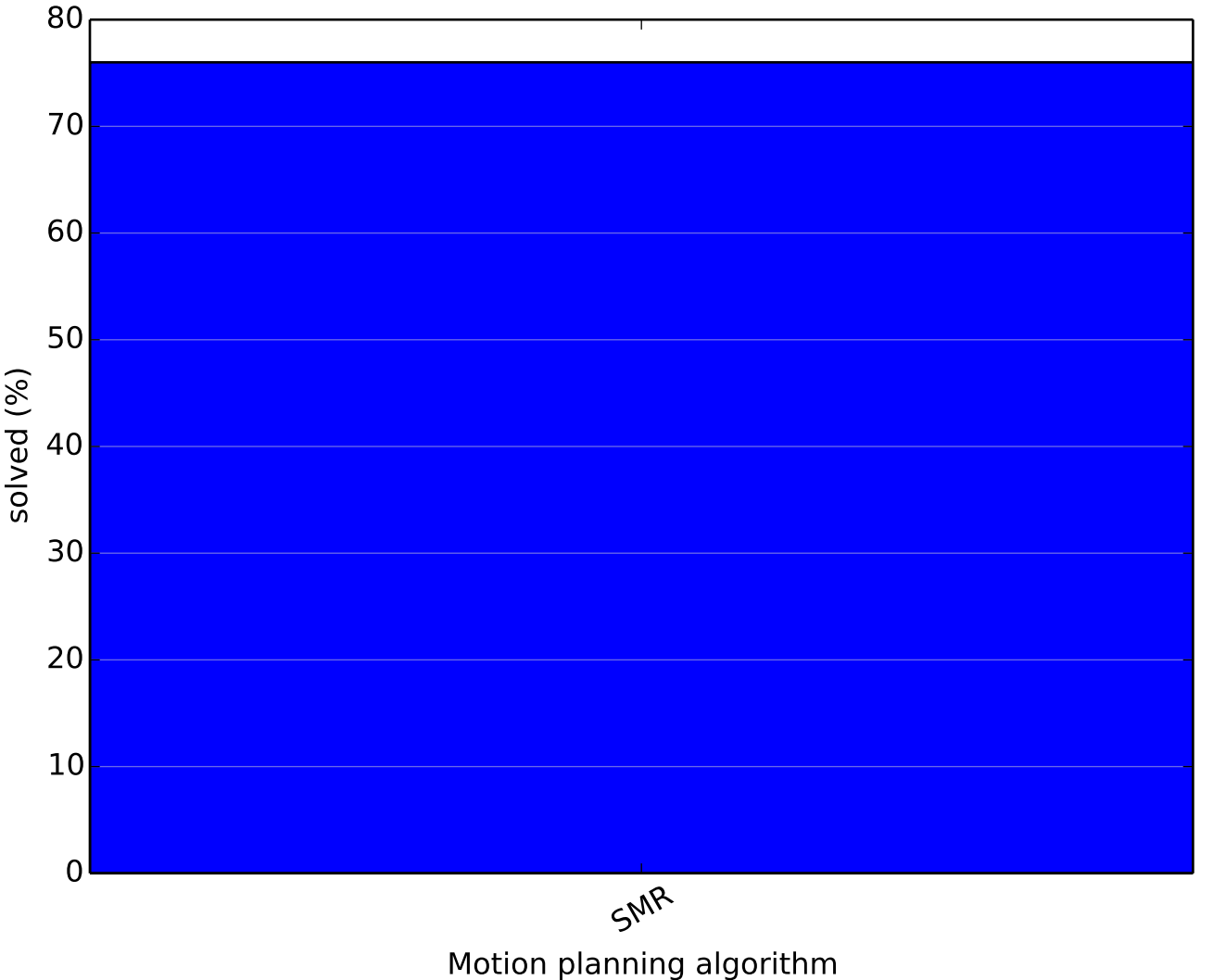

250
200
150
100
50
0
memory
SMR
Motion planning algorithm

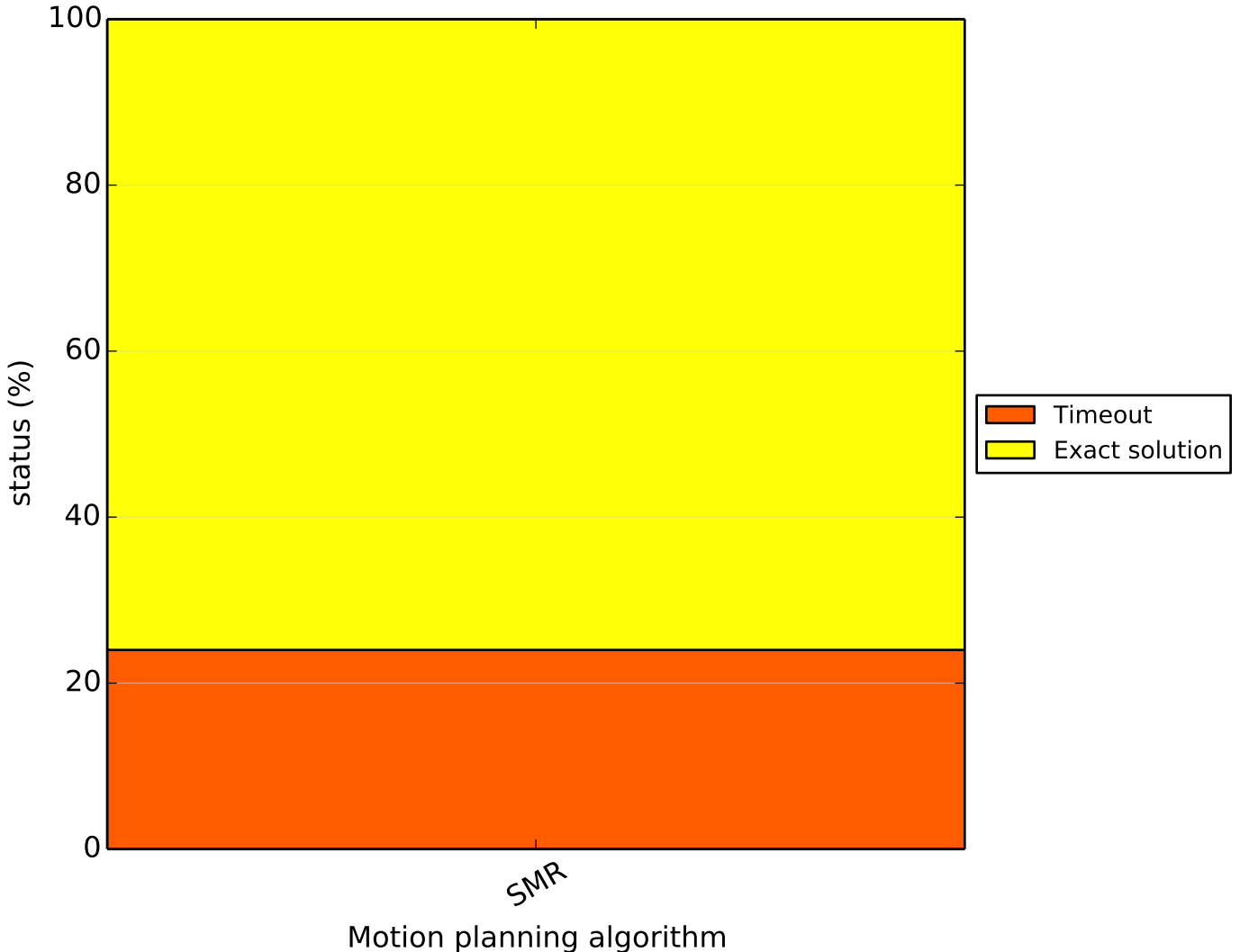

0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
solution clearance
SMR
Motion planning algorithm

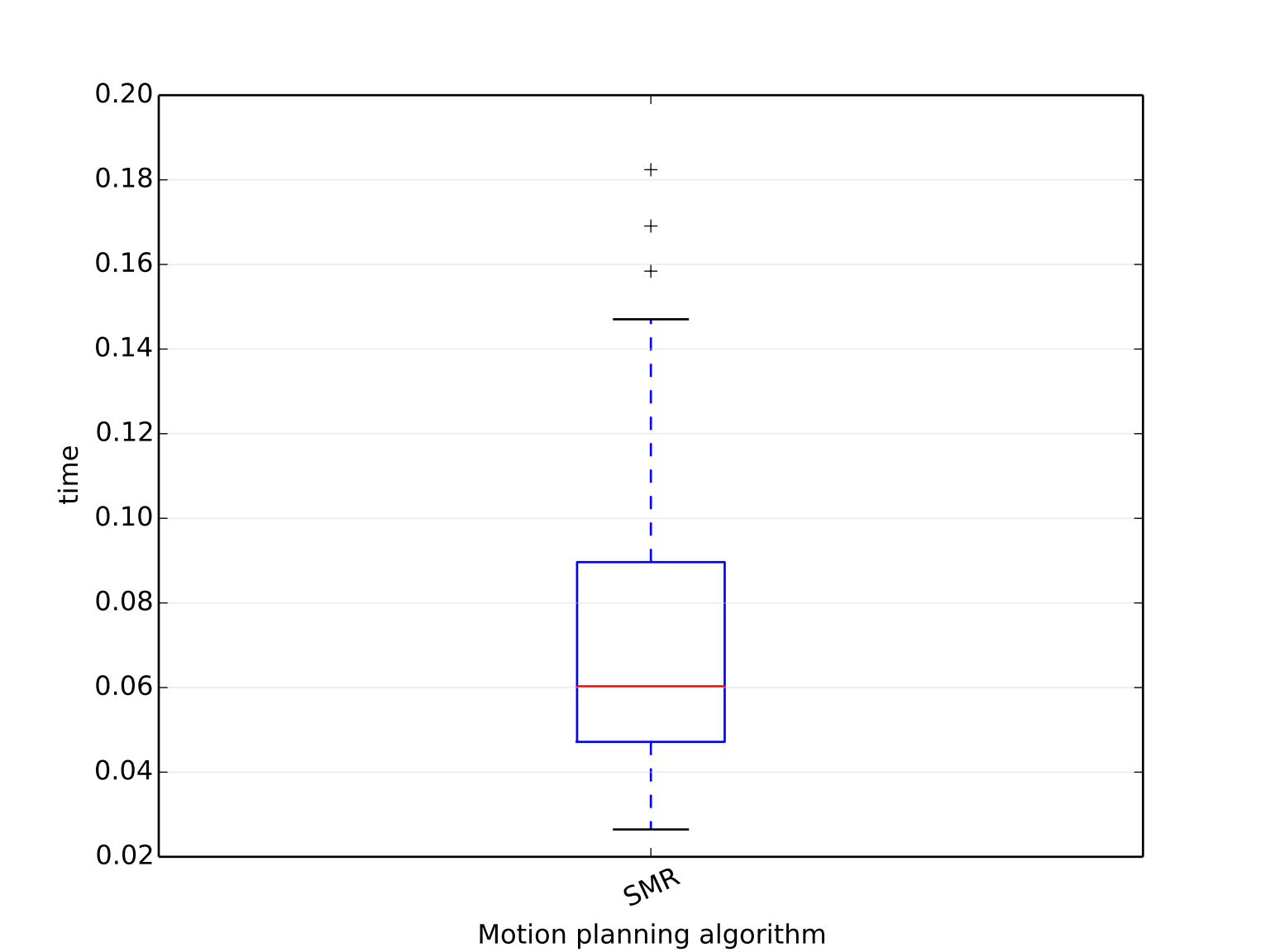

7
6
5
4
3
2
1
0
solution difference
SMR
Motion planning algorithm

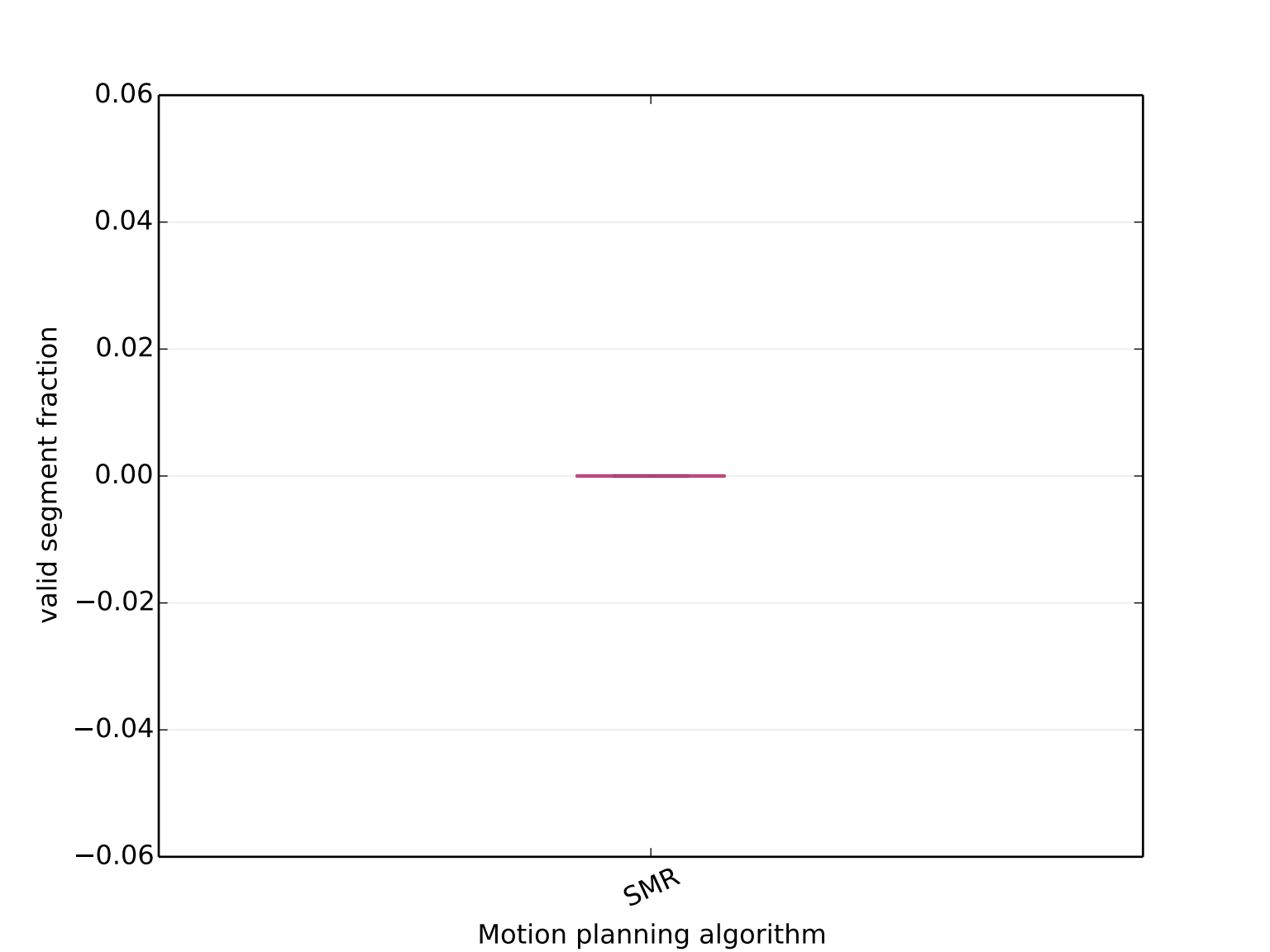

35
30
25
20
15
10
5
0
solution length
SMR
Motion planning algorithm


350
300
250
200
150
100
50
0
solution segments
SMR
Motion planning algorithm


80
70
60
50
40
30
20
10
0
solved (%)
SMR
Motion planning algorithm


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


0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
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_nodes30000"

Number of averaged runs: 100

Time limit per run: 20 seconds

Memory limit per run: 1000 MB