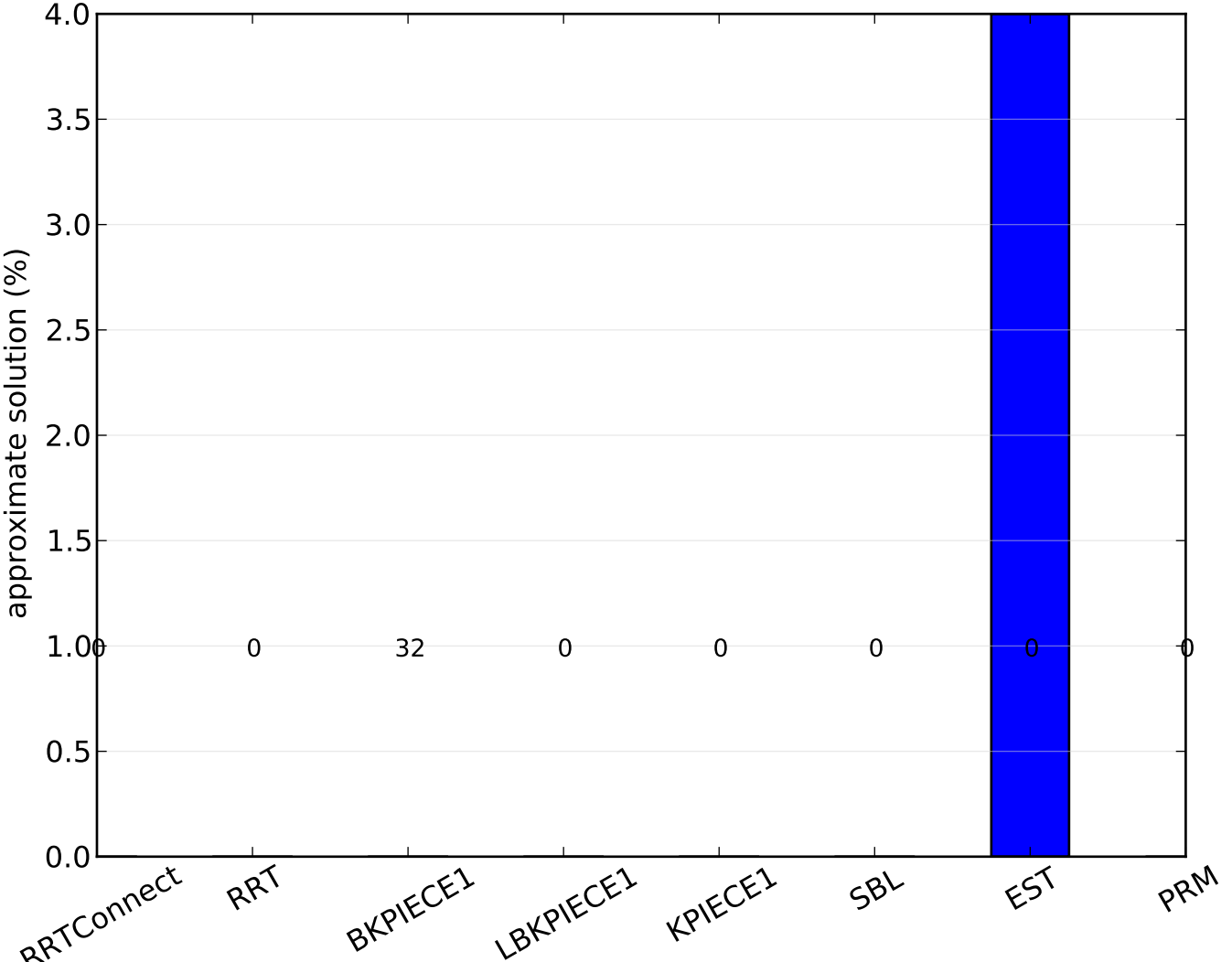
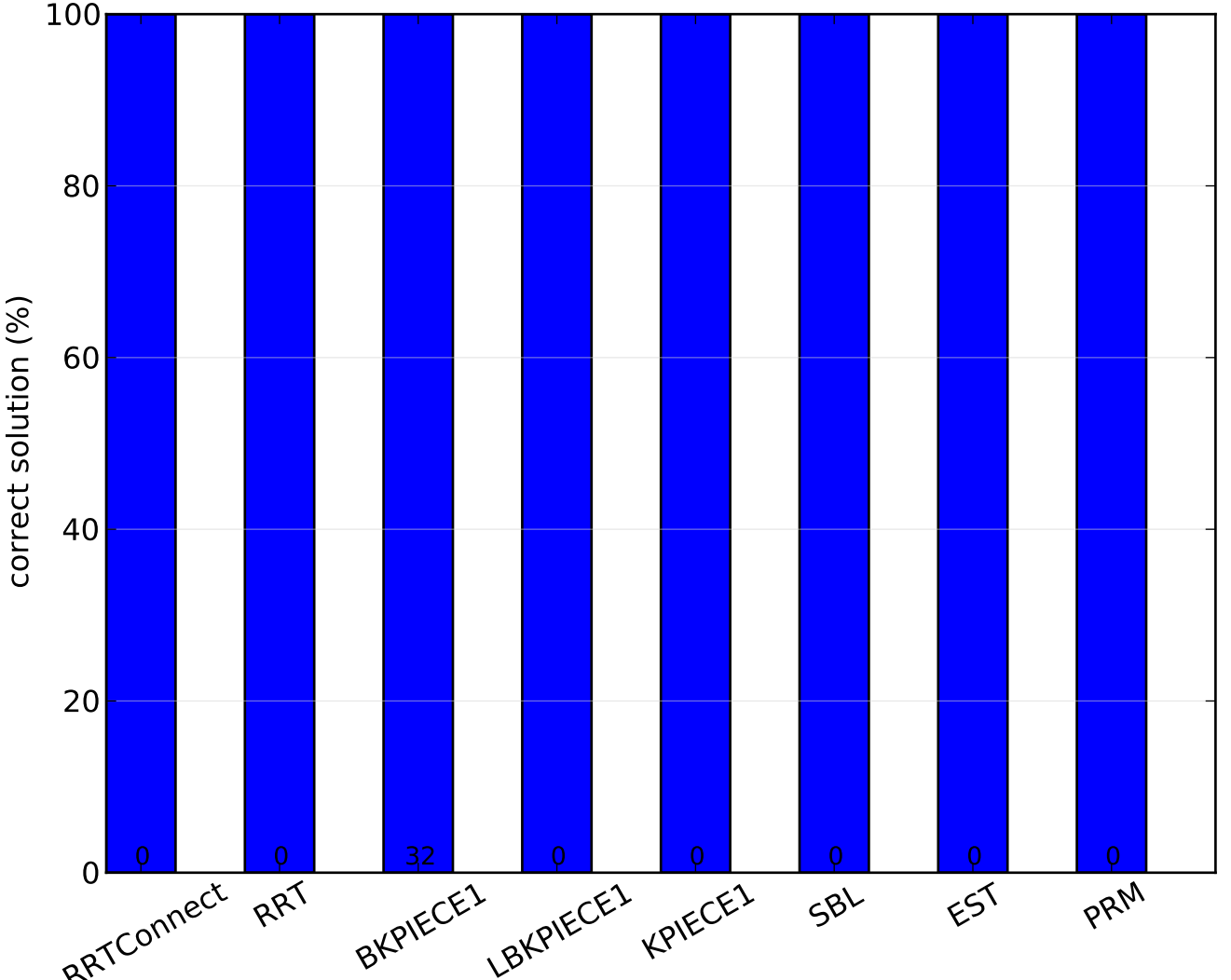
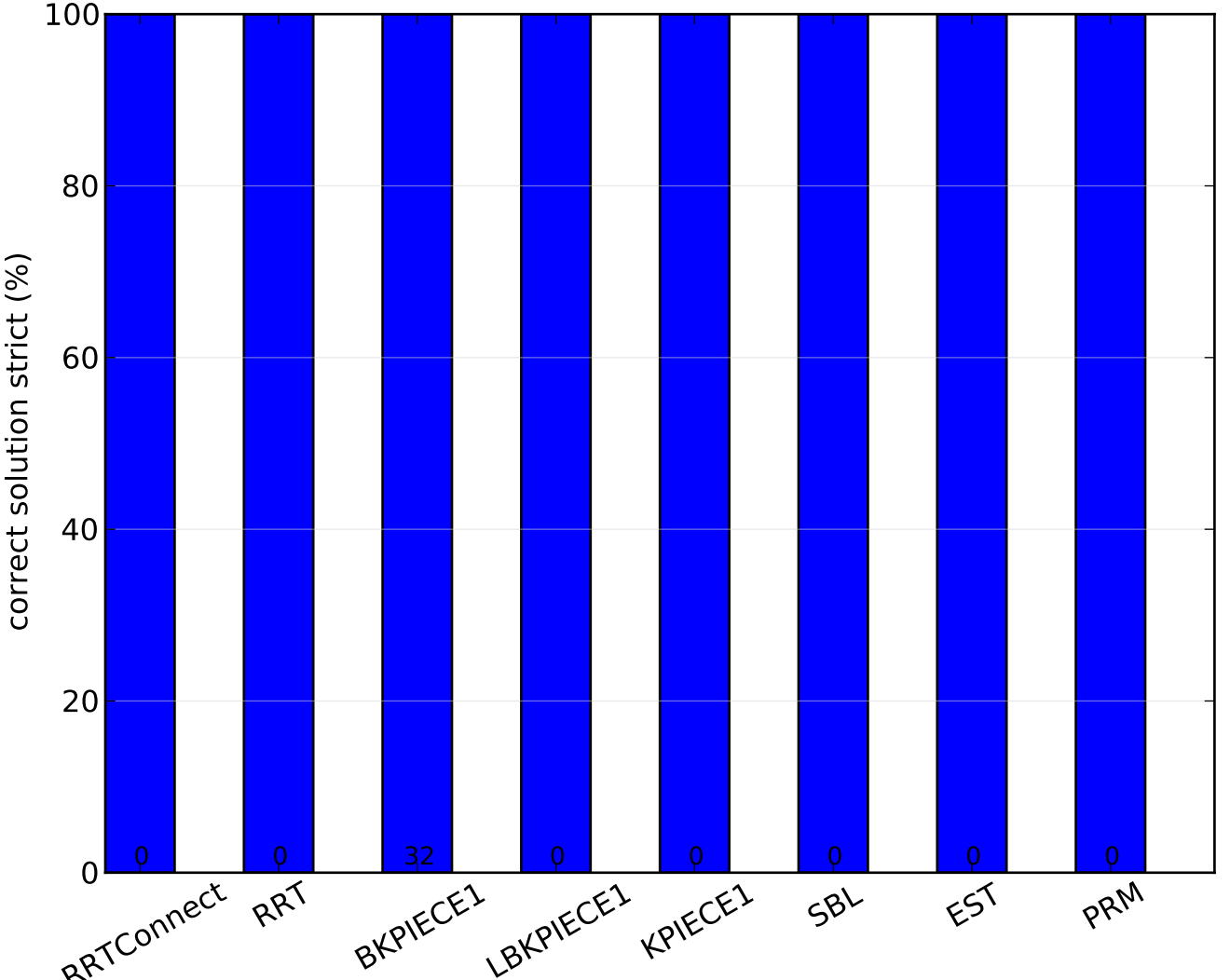
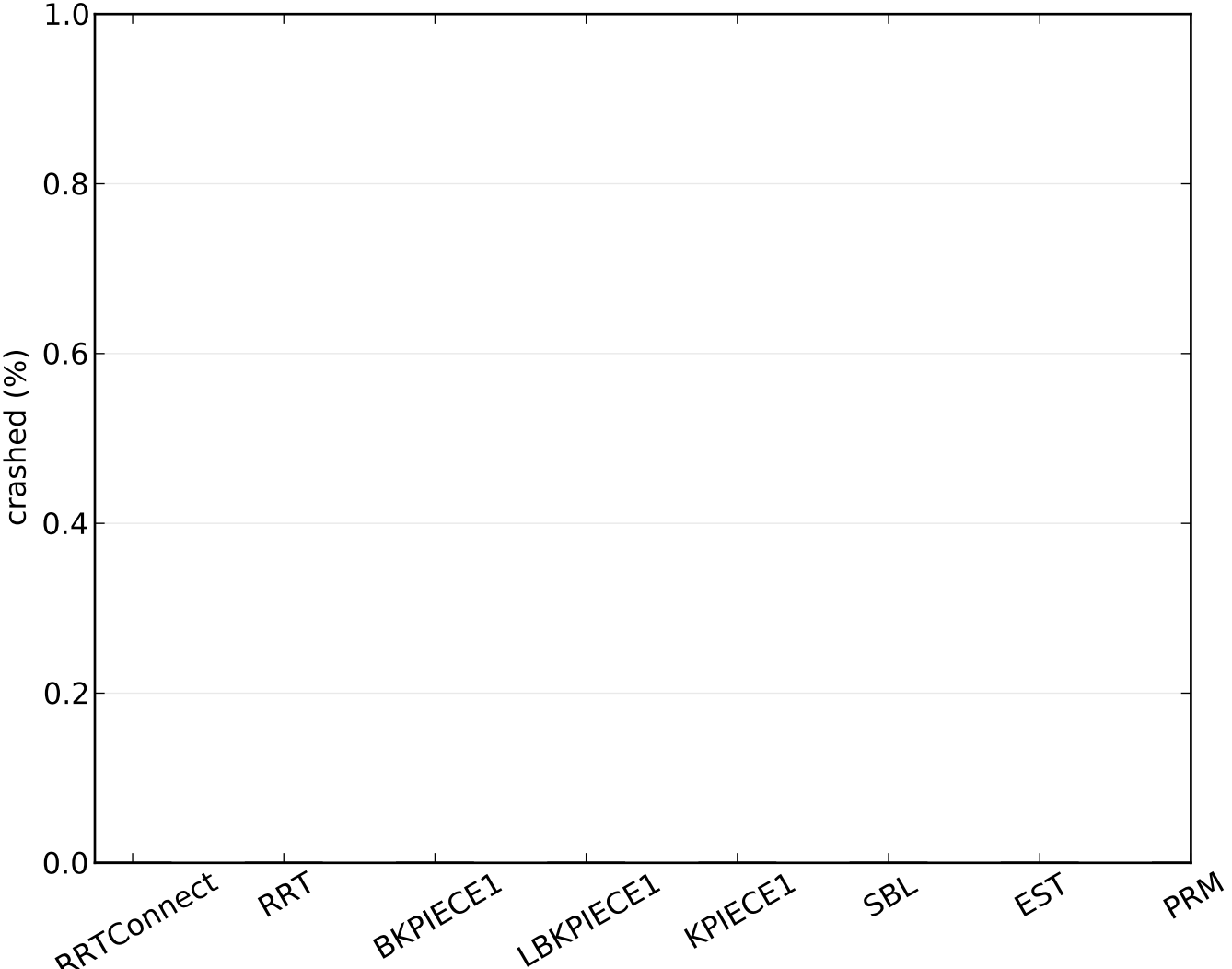
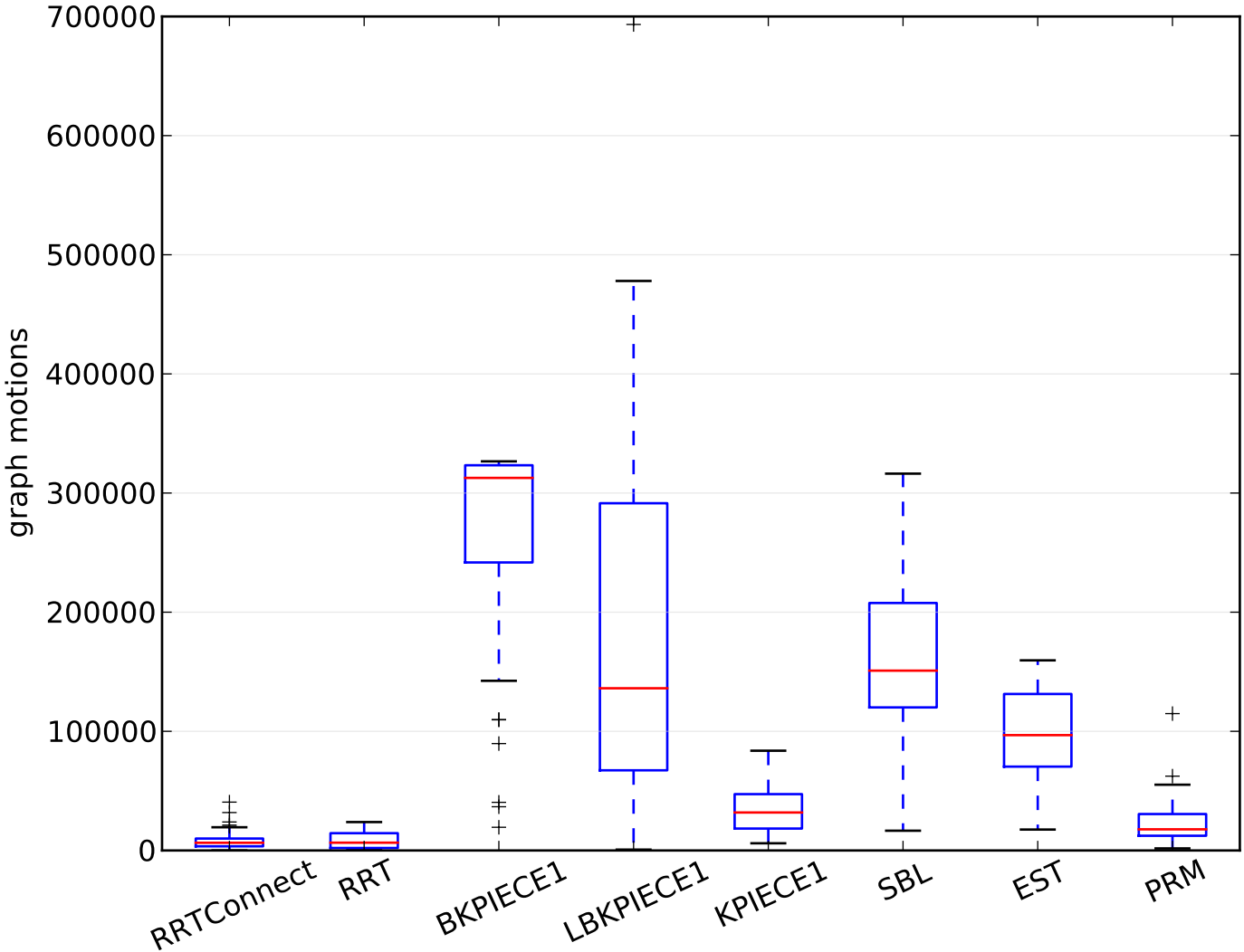
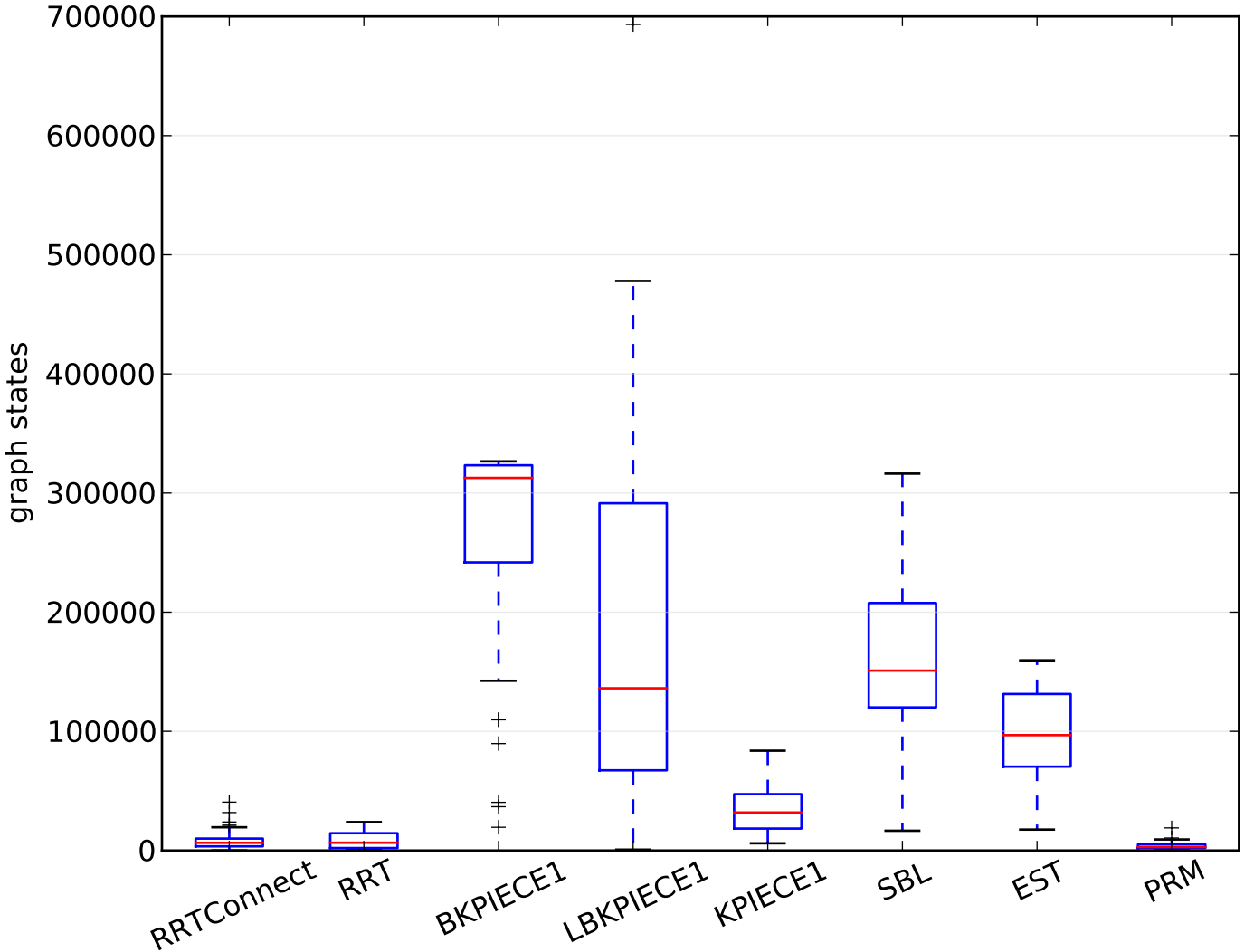

approximate solution (%)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

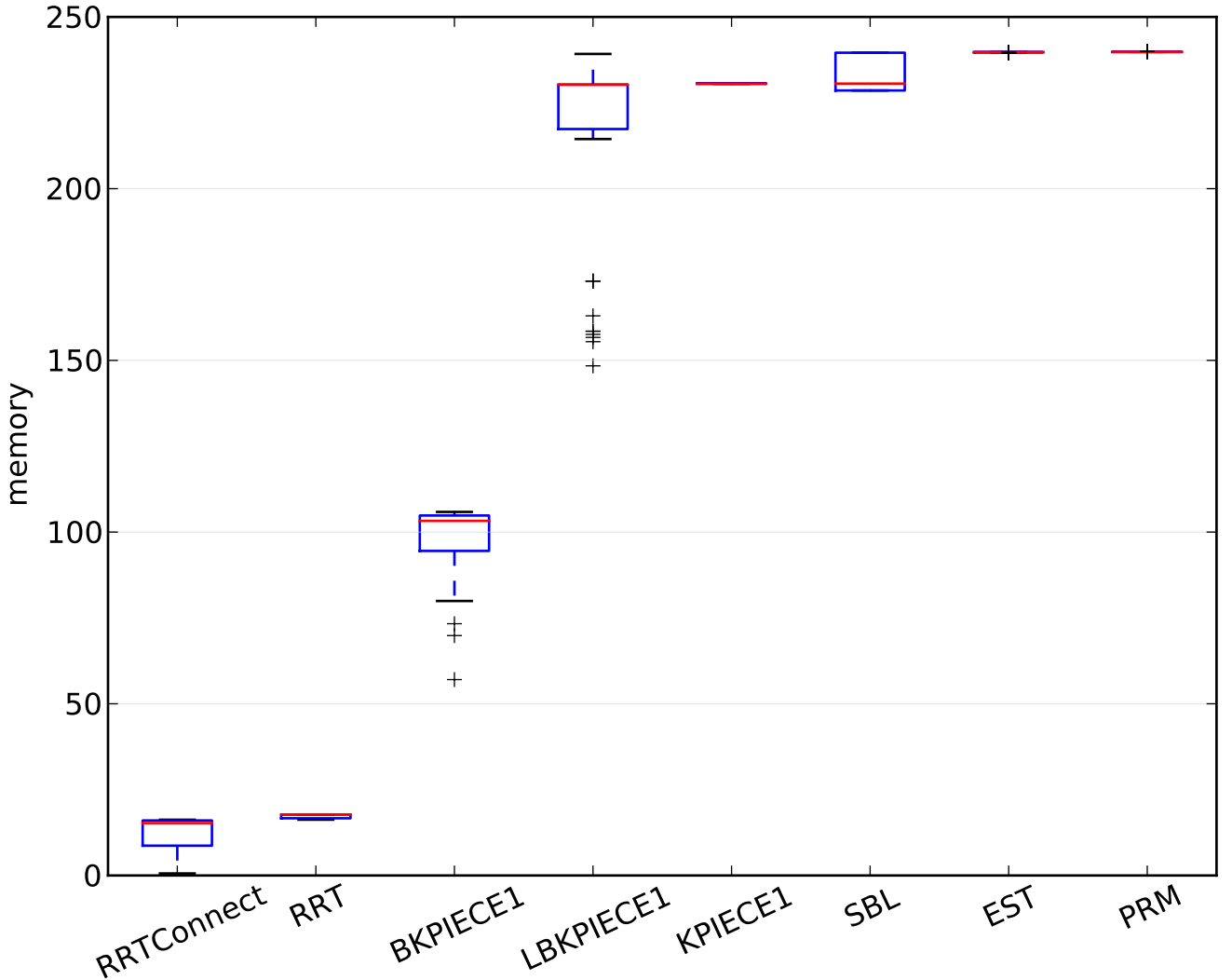

correct solution (%)
100
80
60
40
20
0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

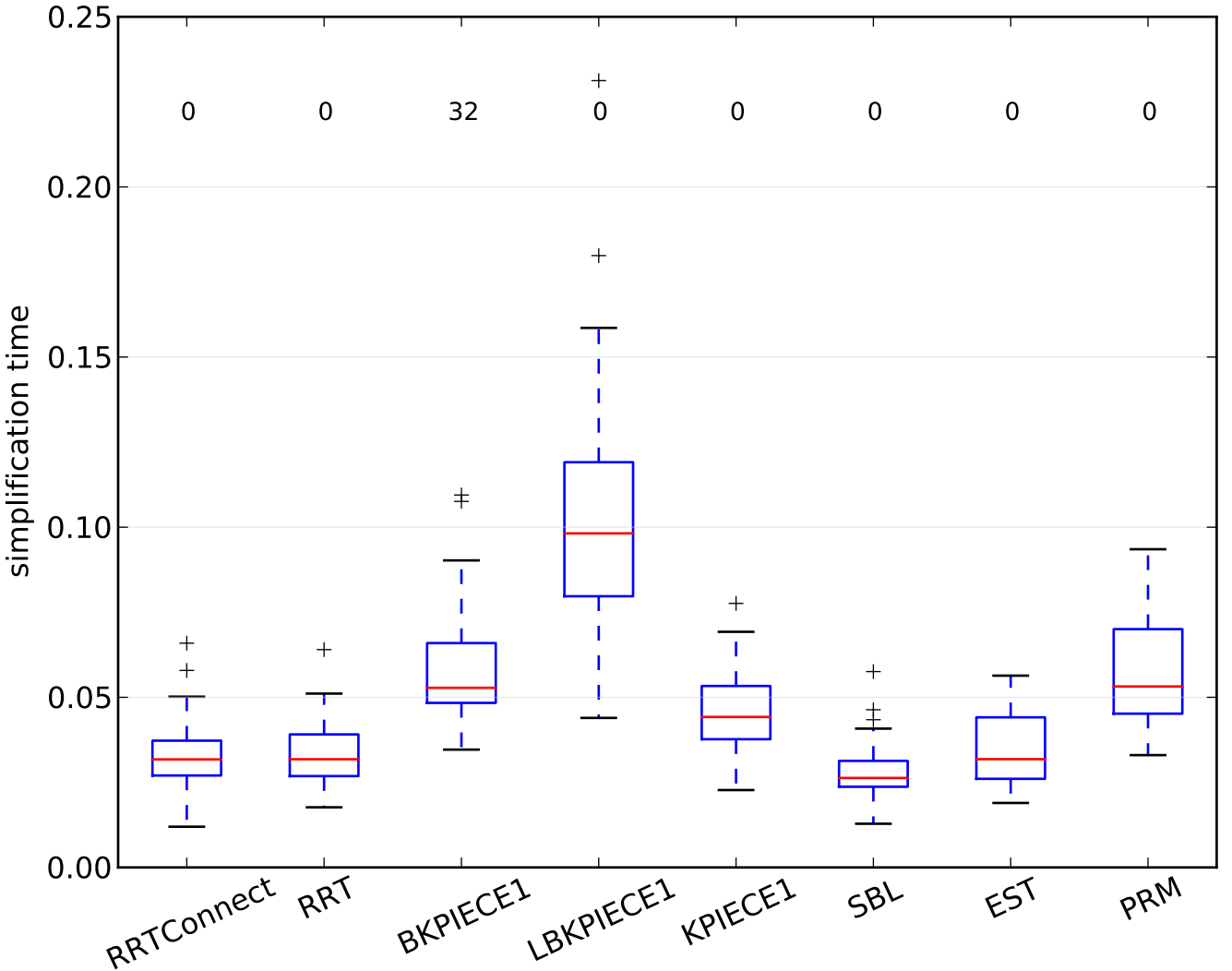

correct solution strict (%)
100
80
60
40
20
0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

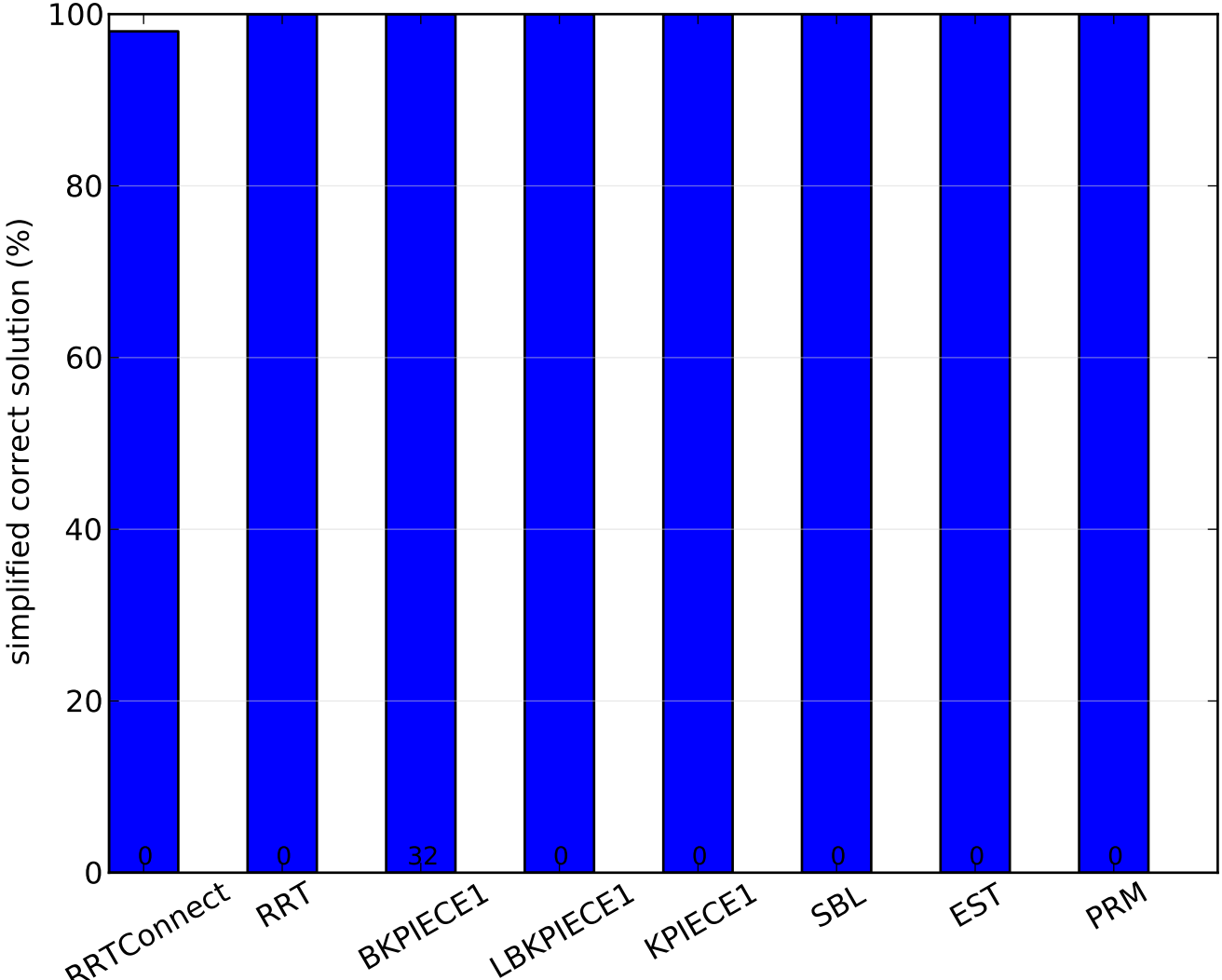

1.0
0.8
0.6
0.4
0.2
0.0
crashed (%)
BRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

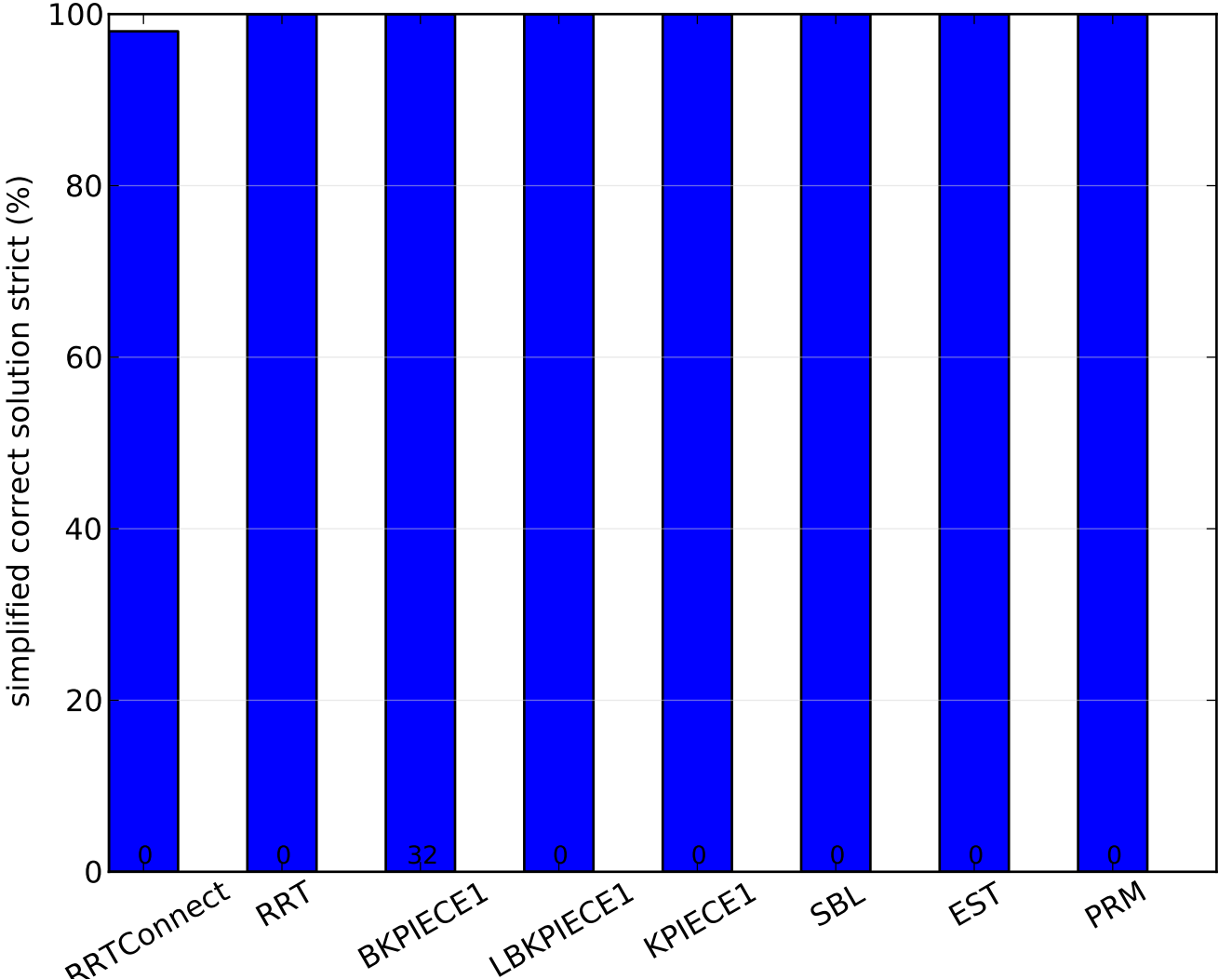

700000
600000
500000
400000
300000
200000
100000
0
graph motions
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

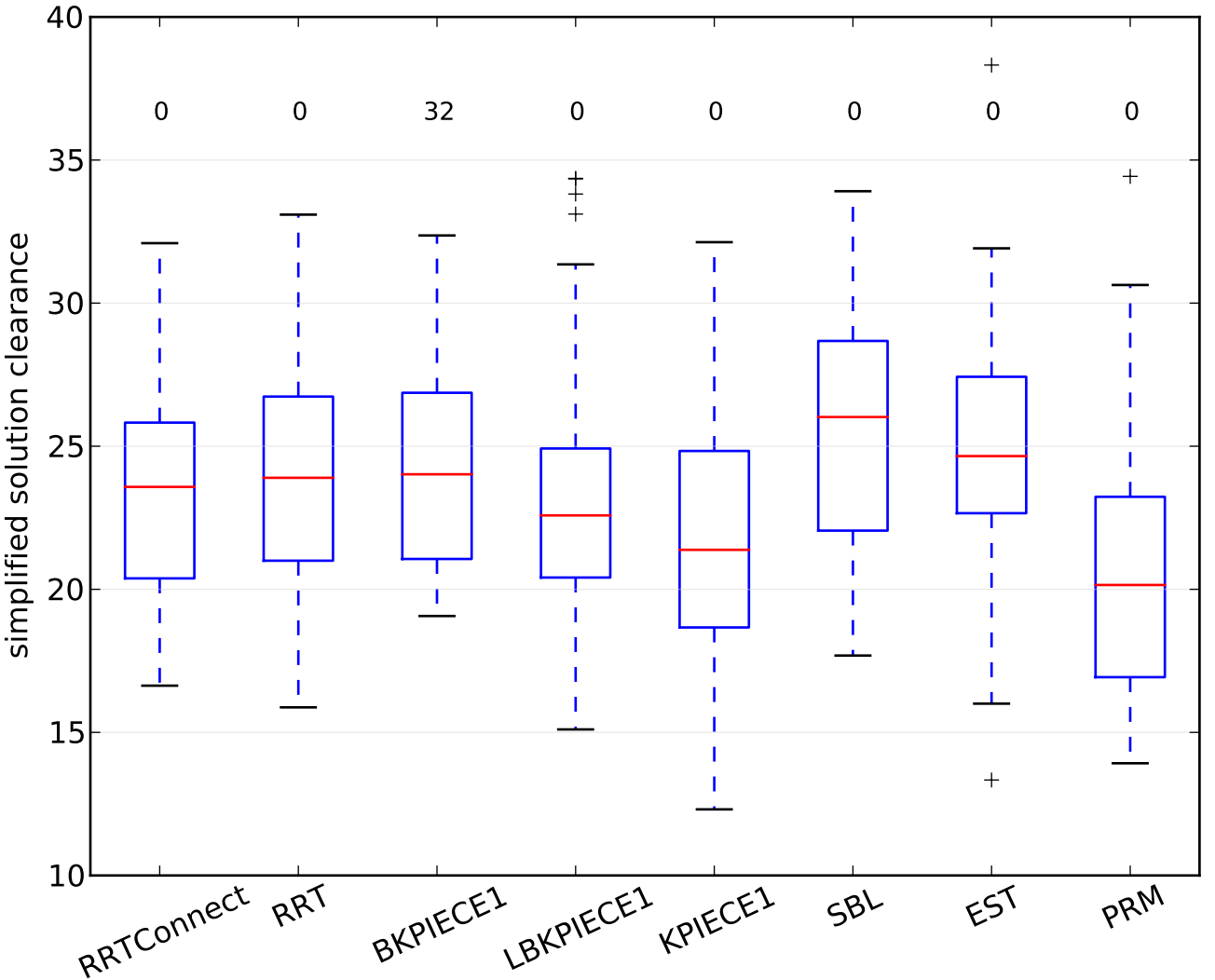

700000
600000
500000
400000
300000
200000
100000
0
graph states
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

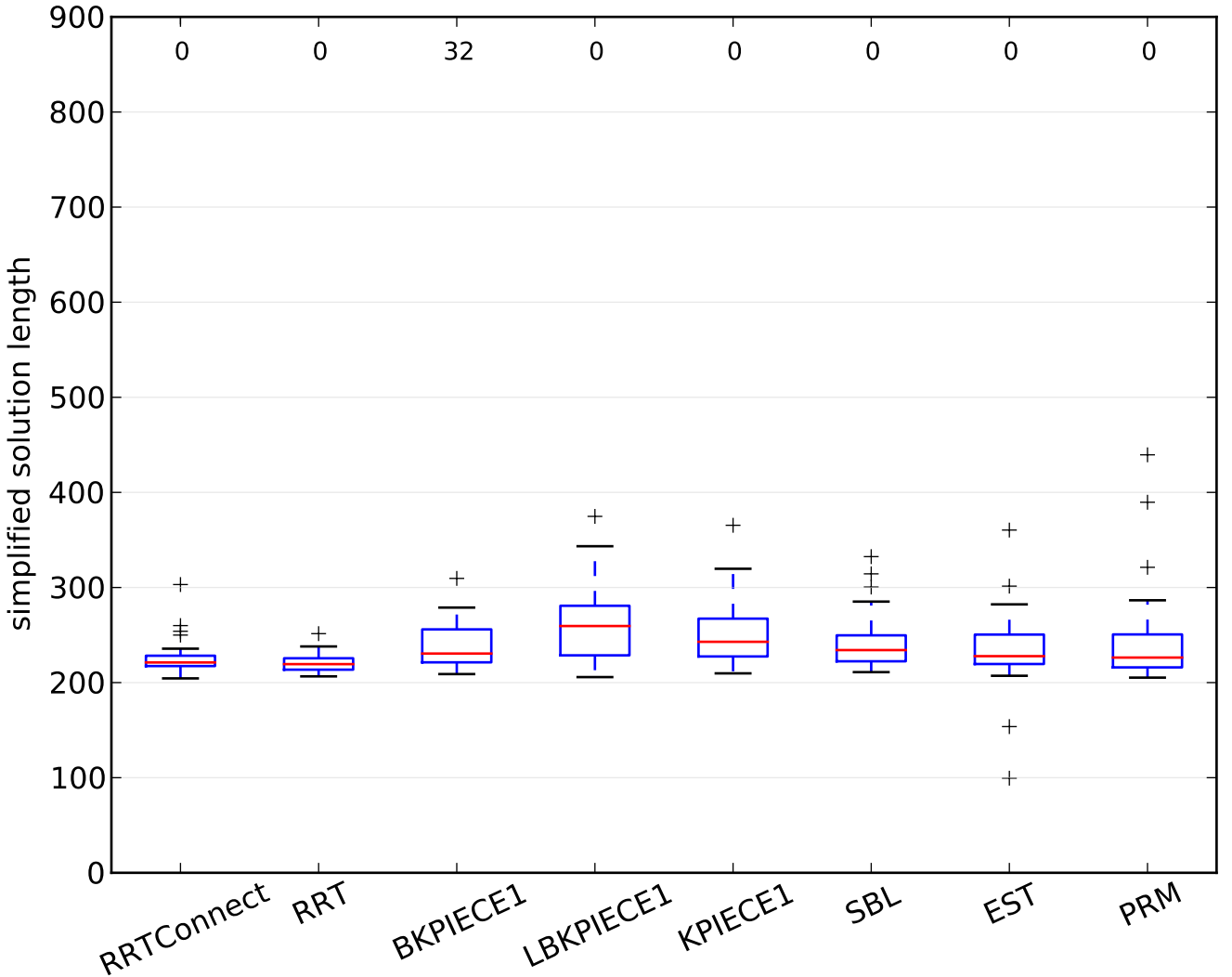

250
200
150
100
50
0
memory
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

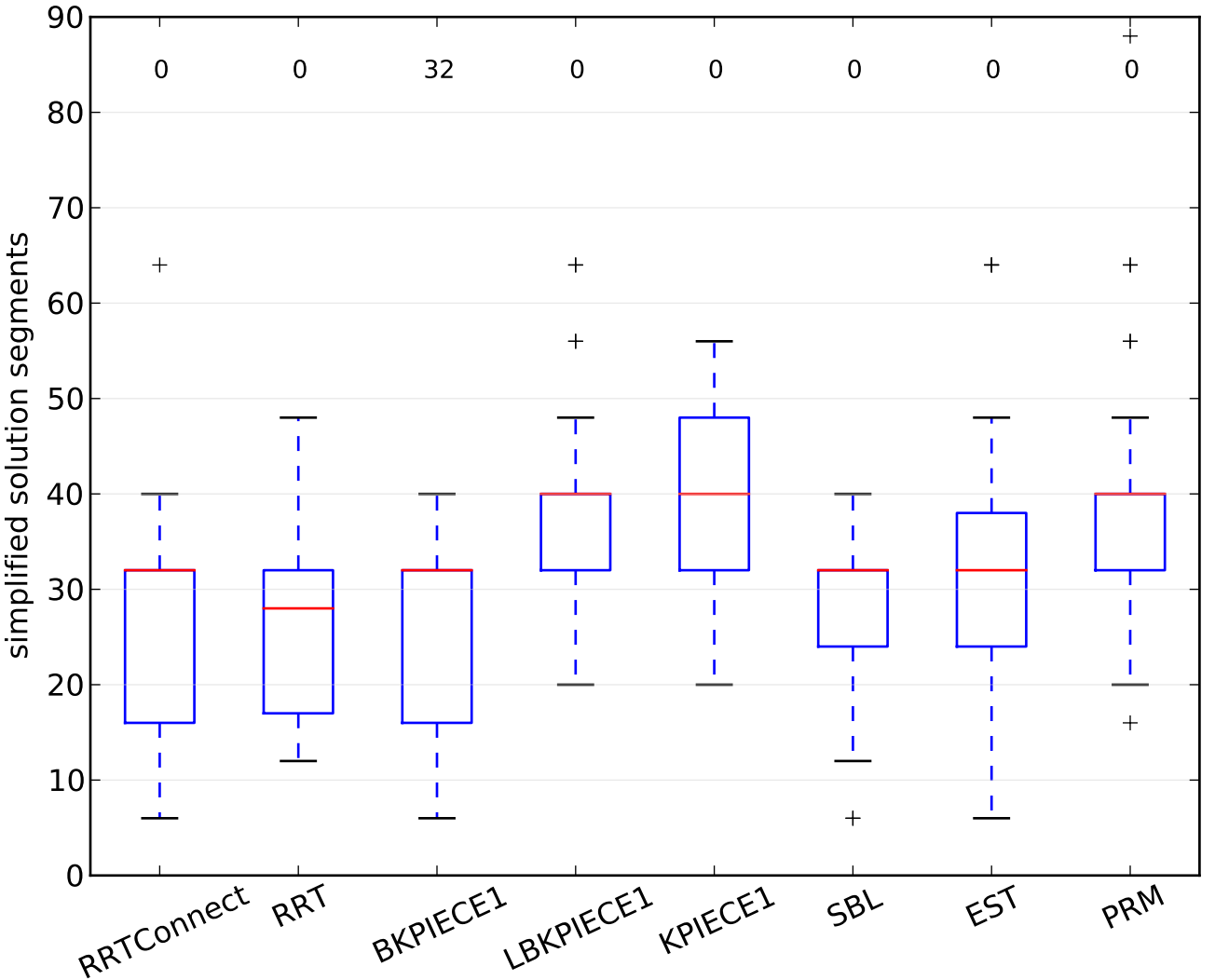

0.25
0.20
0.15
0.10
0.05
0.00
simplification time
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

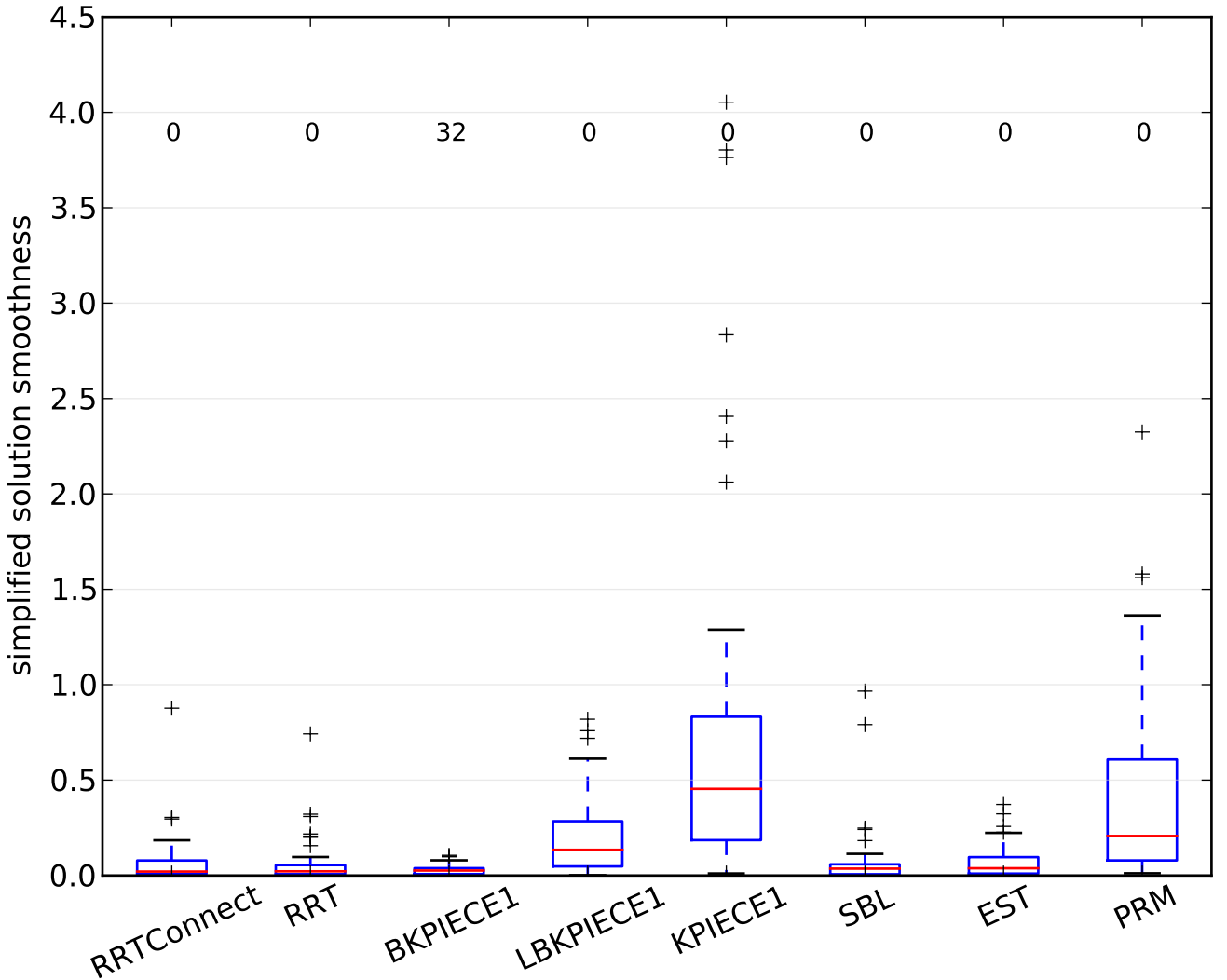

simplified correct solution (%)
100
80
60
40
20
0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

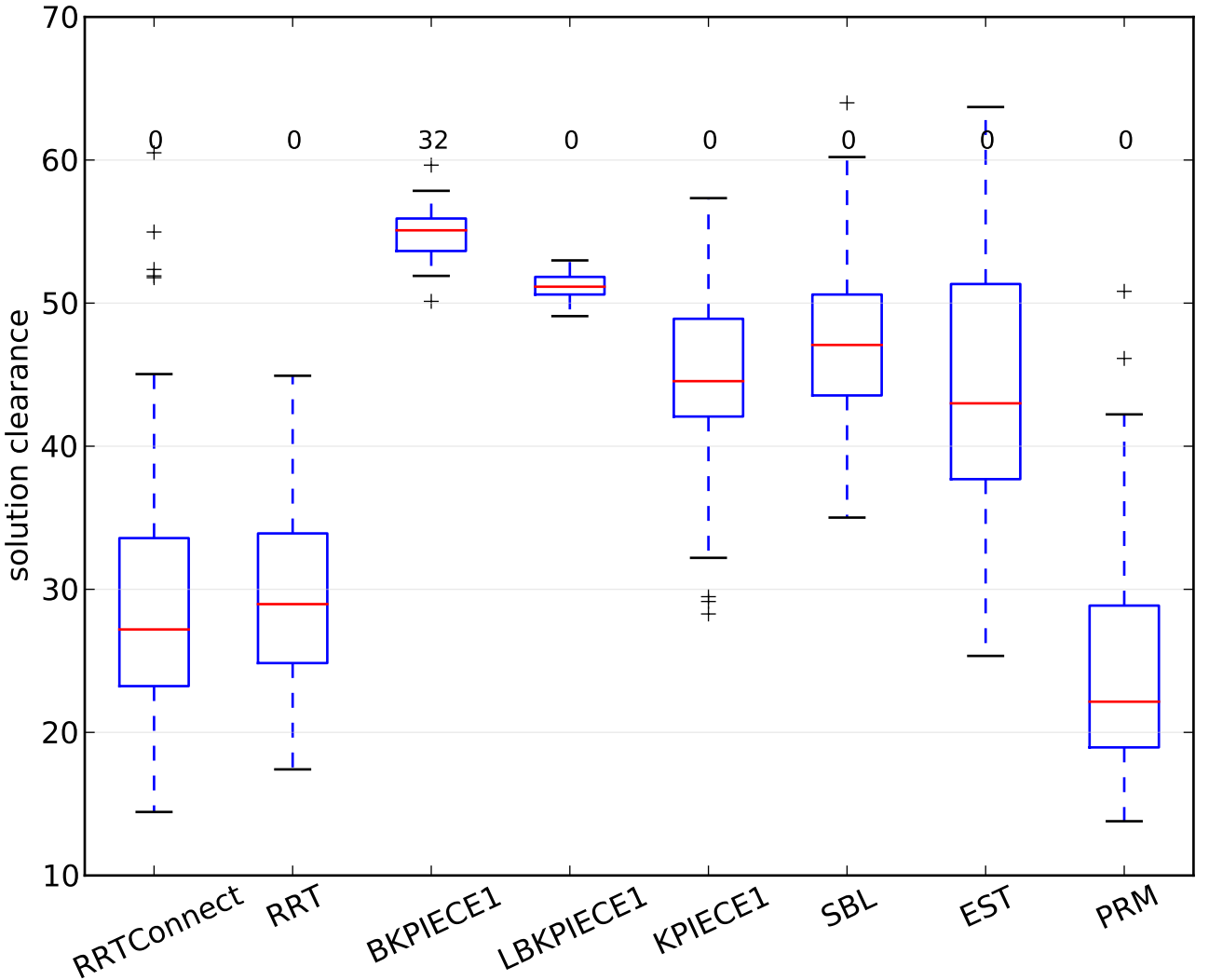

simplified correct solution strict (%)
100
80
60
40
20
0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

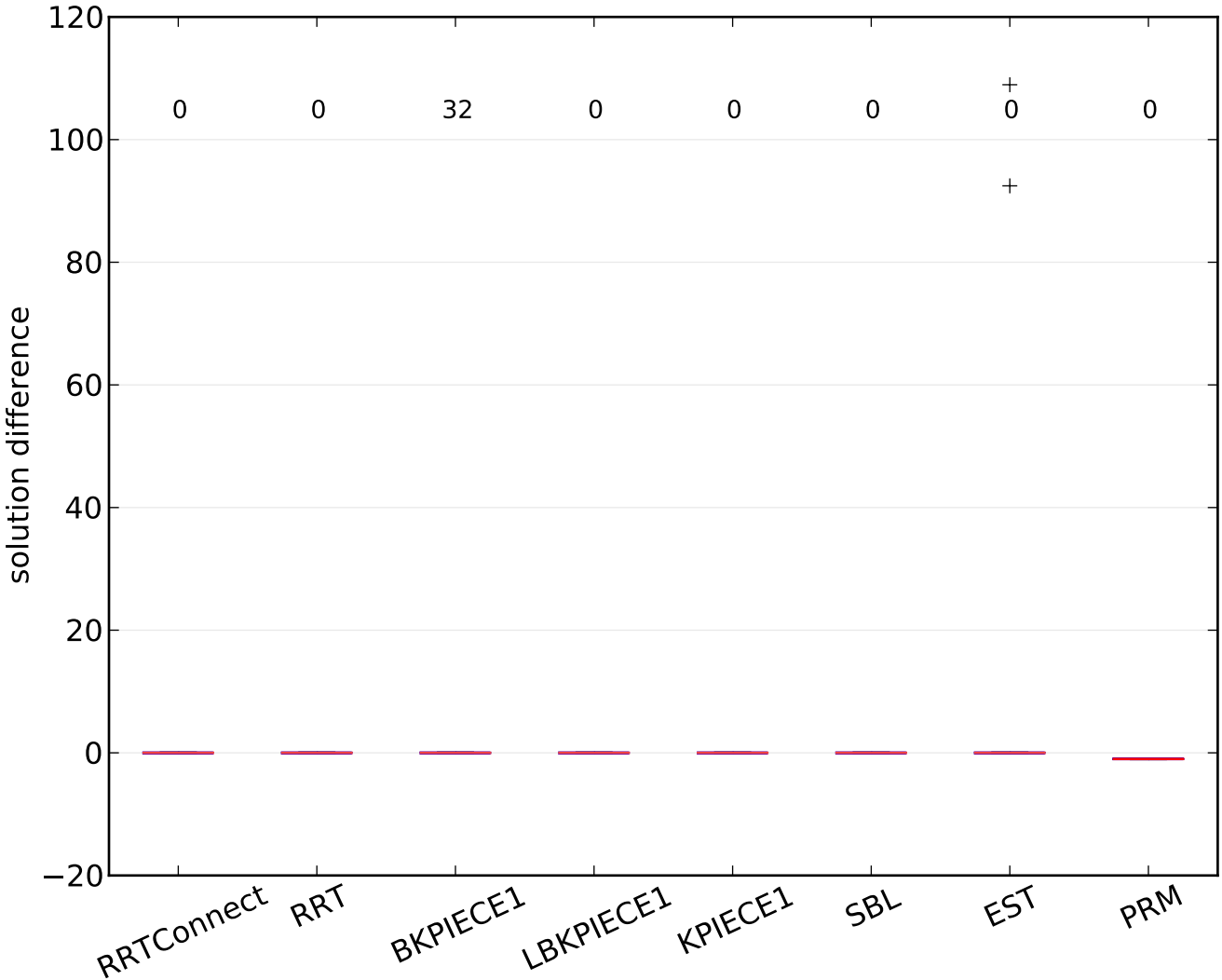

simplified solution clearance
40
35
30
25
20
15
10
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

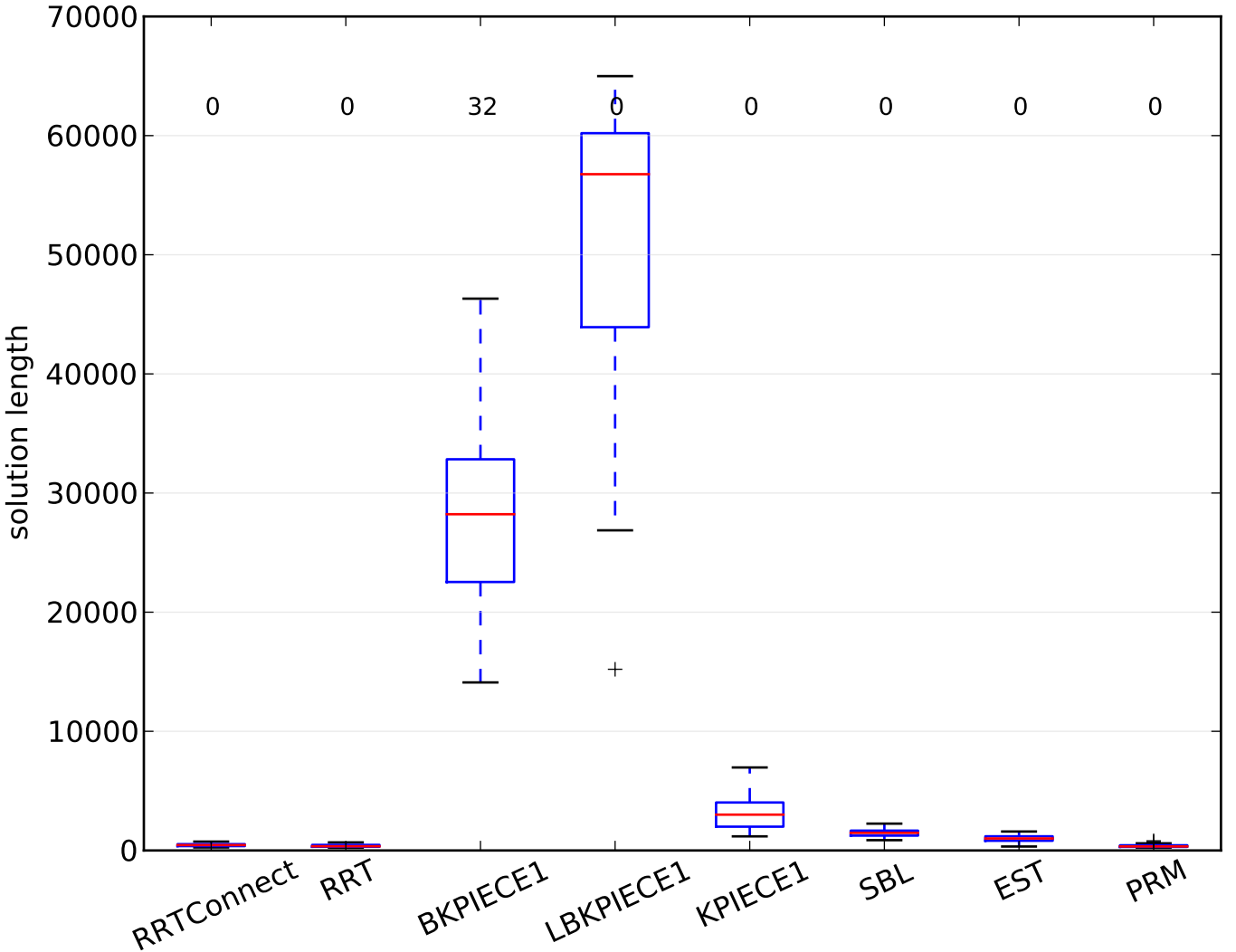

simplified solution length
900
800
700
600
500
400
300
200
100
0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

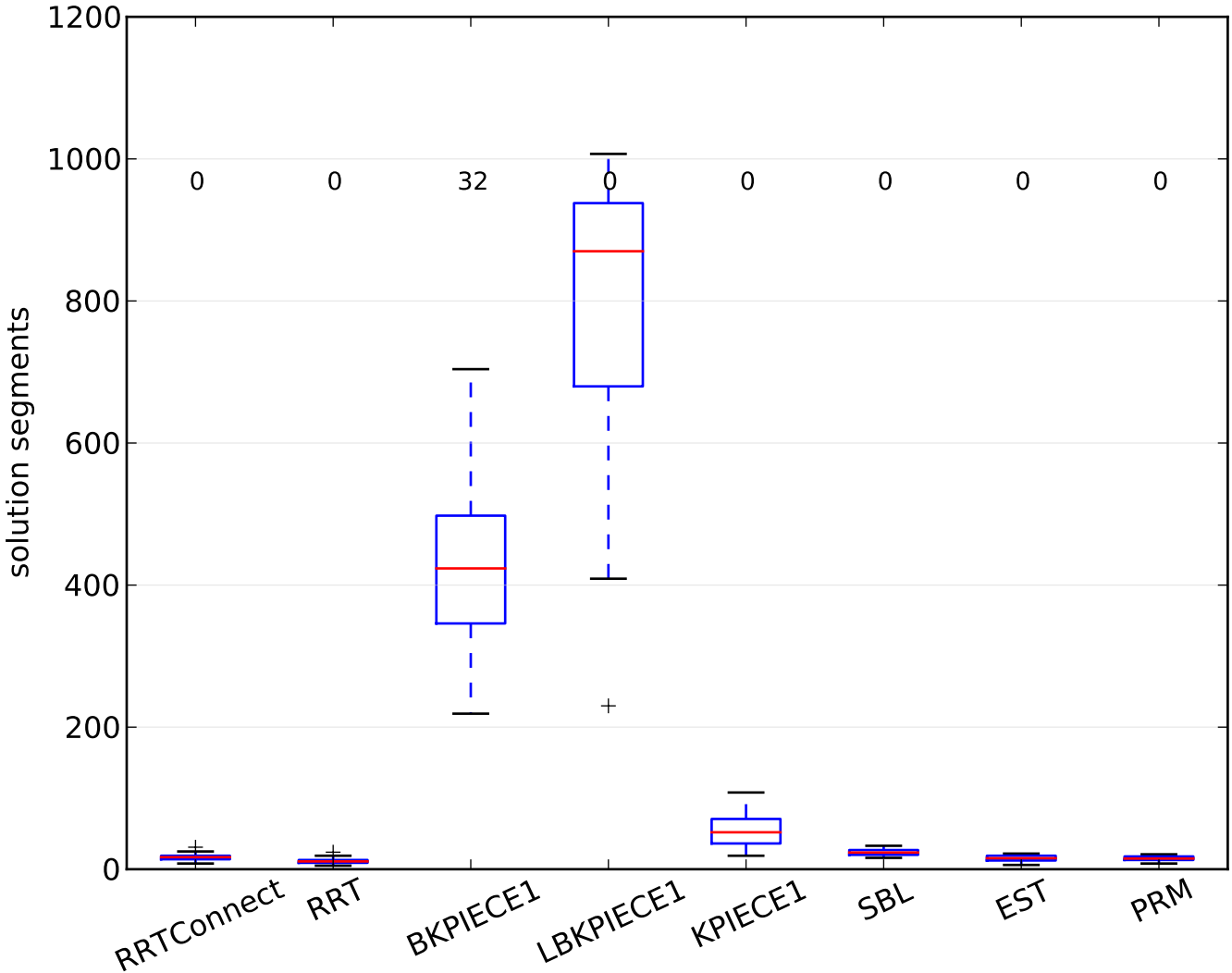

simplified solution segments
0
10
20
30
40
50
60
70
80
90
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

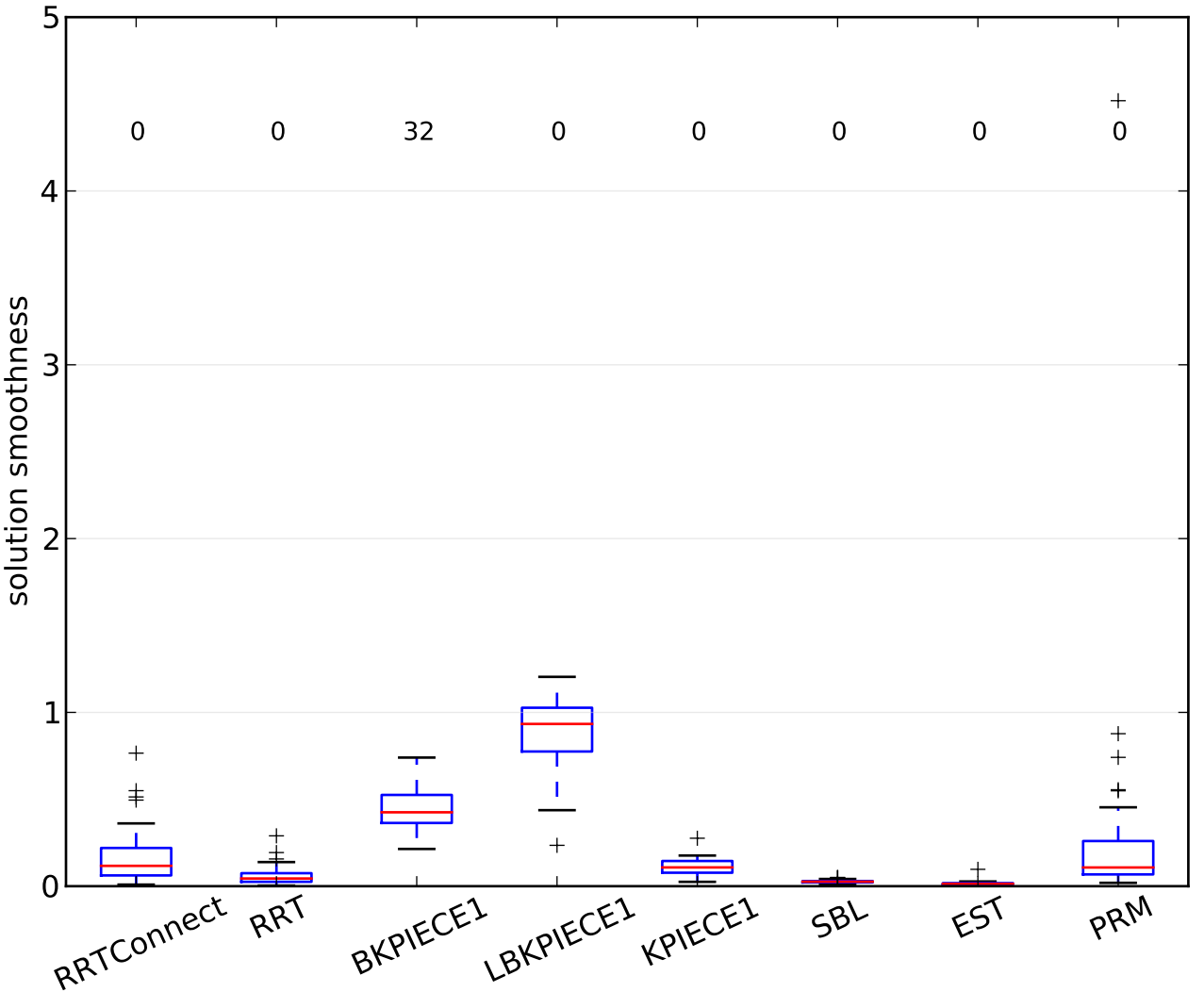

simplified solution smoothness
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

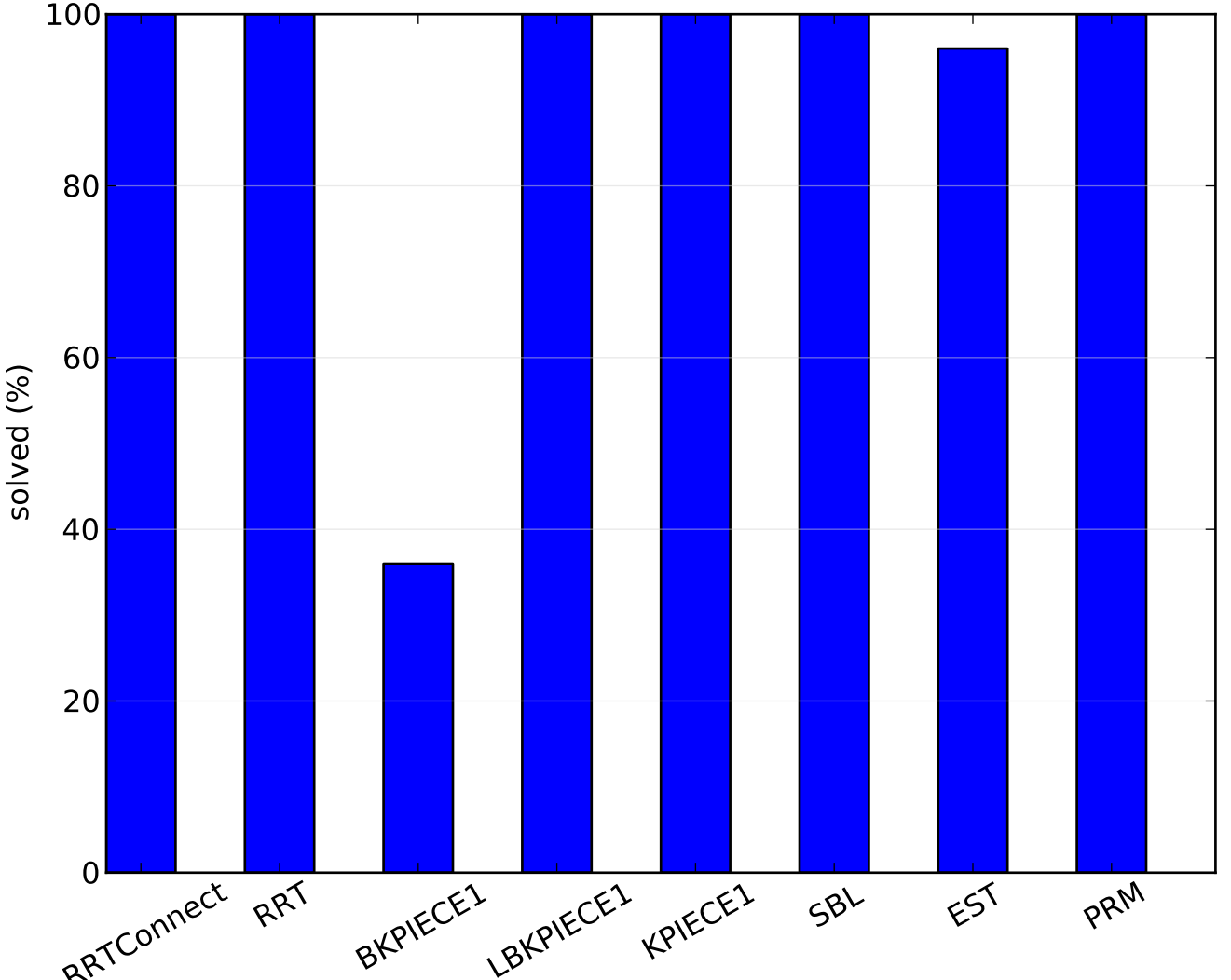

solution clearance
70
60
50
40
30
20
10
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

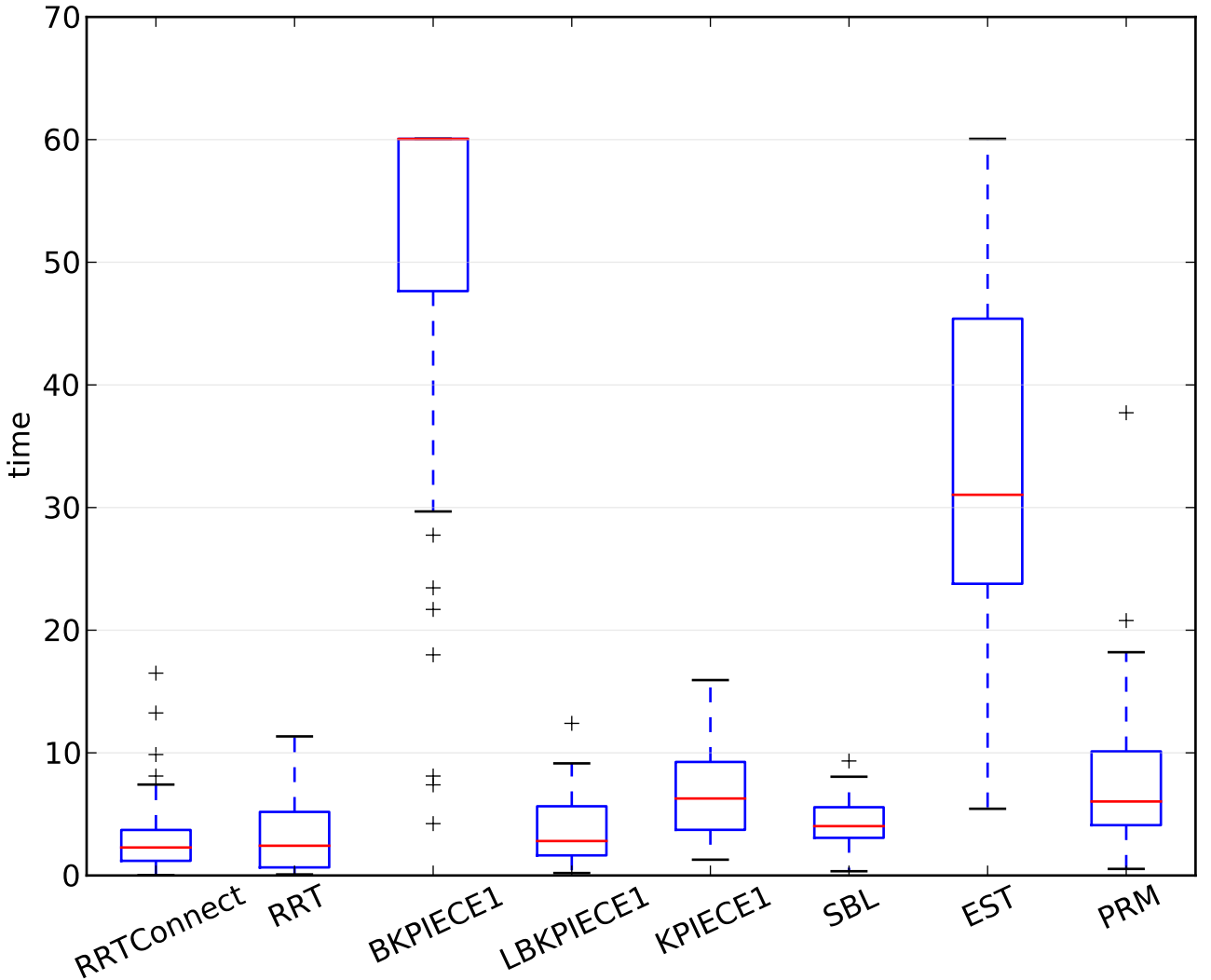

solution difference
120
100
80
60
40
20
0
−20
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

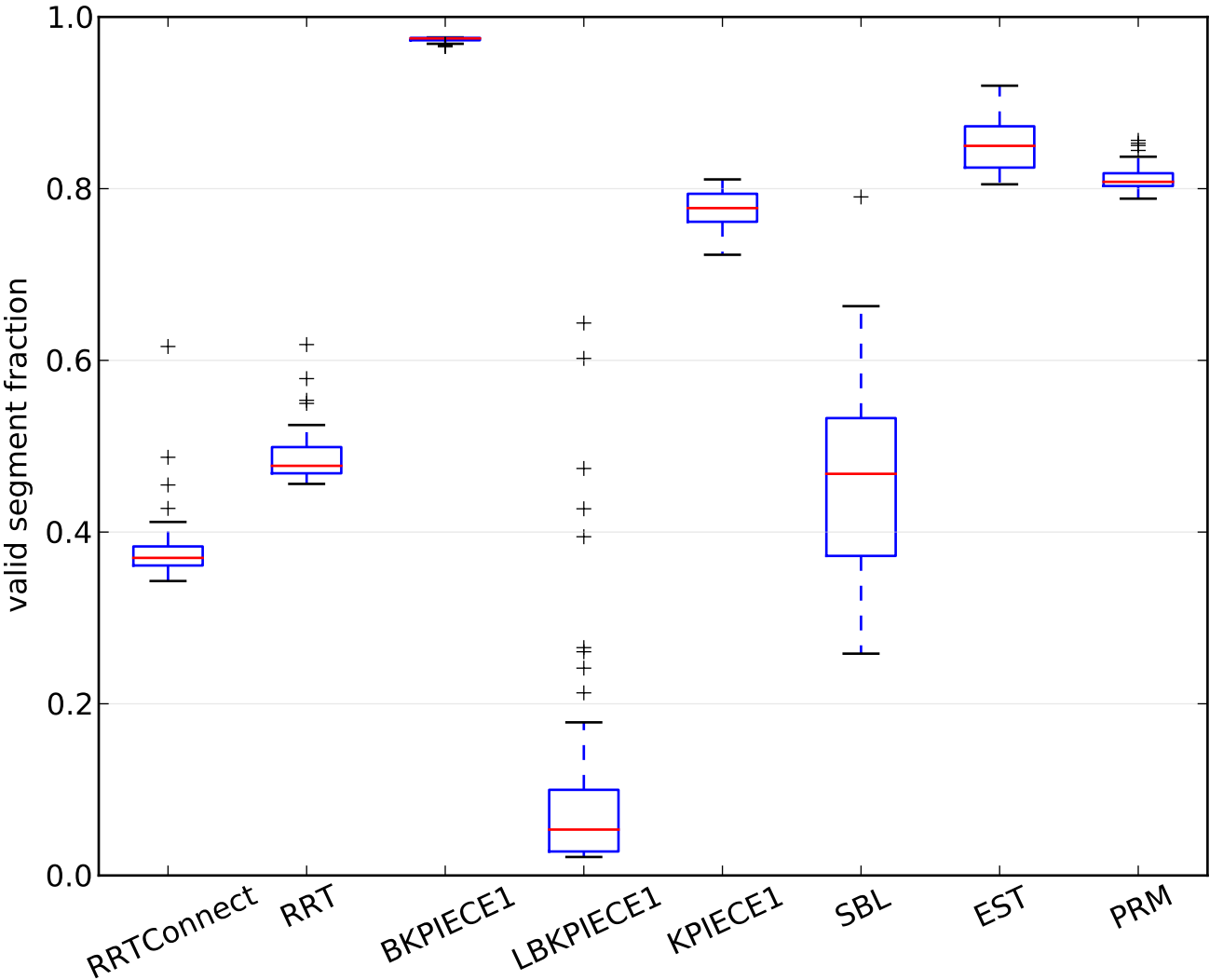

solution length
70000
60000
50000
40000
30000
20000
10000
0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM


solution segments
1200
1000
800
600
400
200
0
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM


solution smoothness
0
1
2
3
4
5
0
0
32
0
0
0
0
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM


solved (%)
100
80
60
40
20
0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM


70
60
50
40
30
20
10
0
time
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM


valid segment fraction
1.0
0.8
0.6
0.4
0.2
0.0
RRTConnect
RRT
BKPIECE1
LBKPIECE1
KPIECE1
SBL
EST
PRM

Experiment 'Twistycool_uniform_sampler'

Number of averaged runs: 50

Time limit per run: 60.0 seconds

Memory limit per run: 10000.0 MB