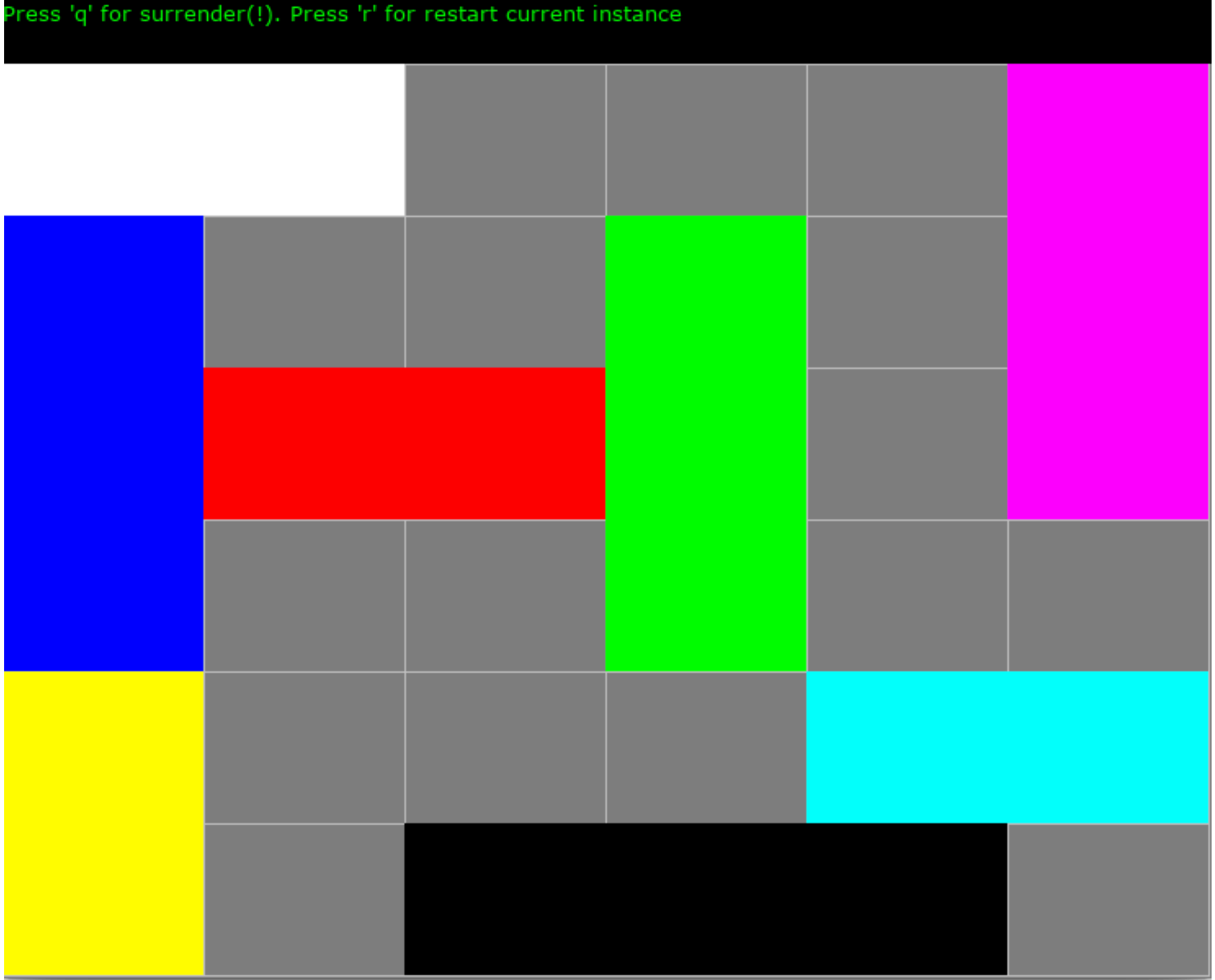
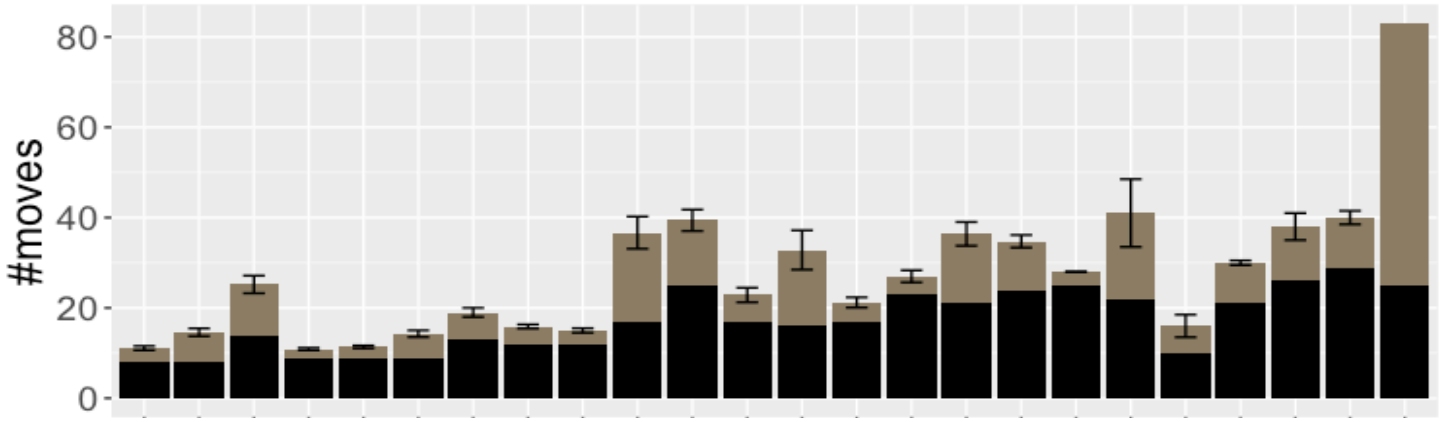
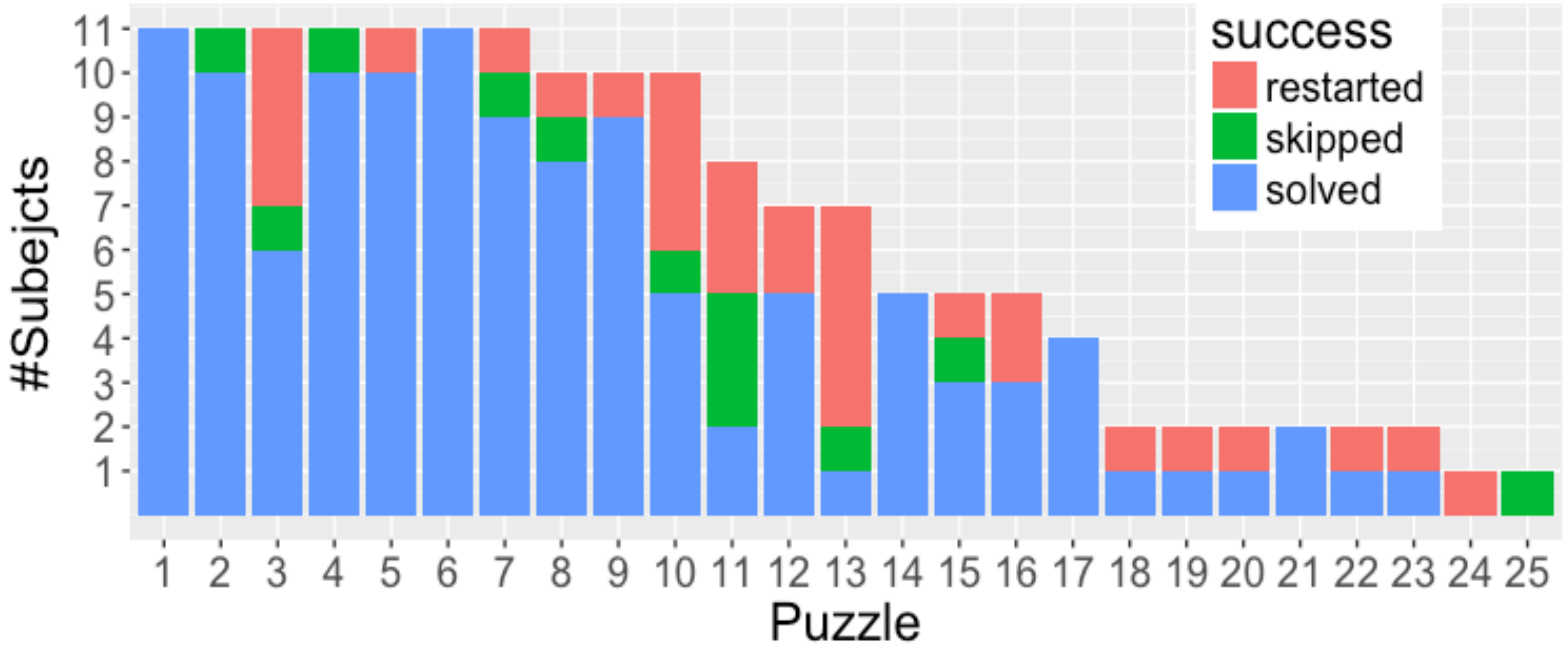
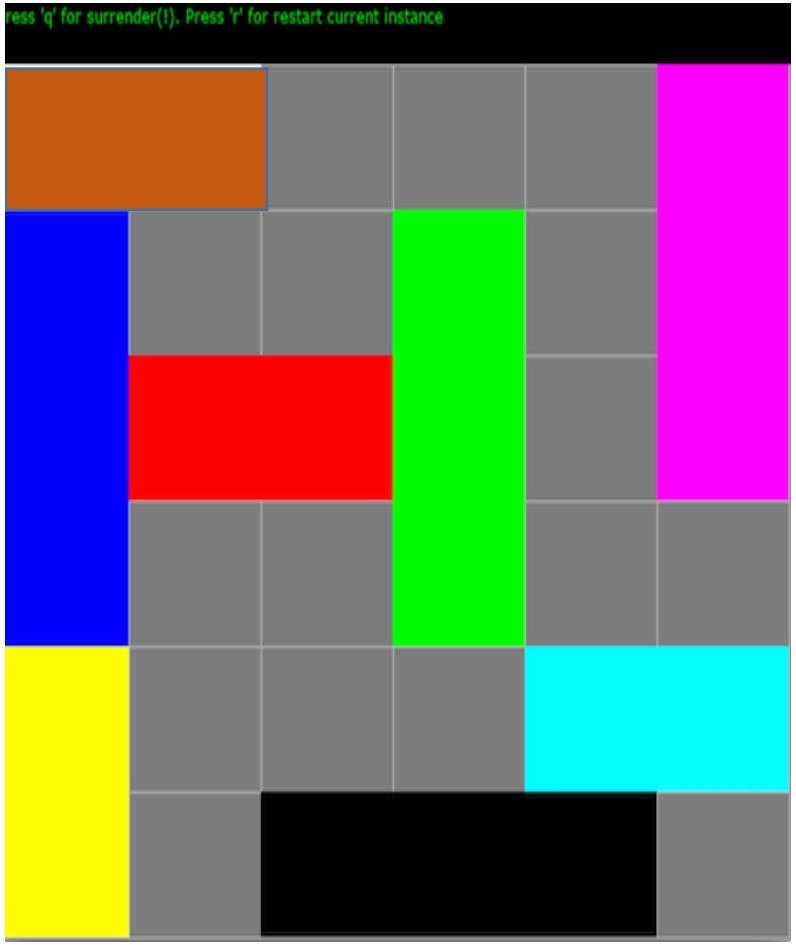
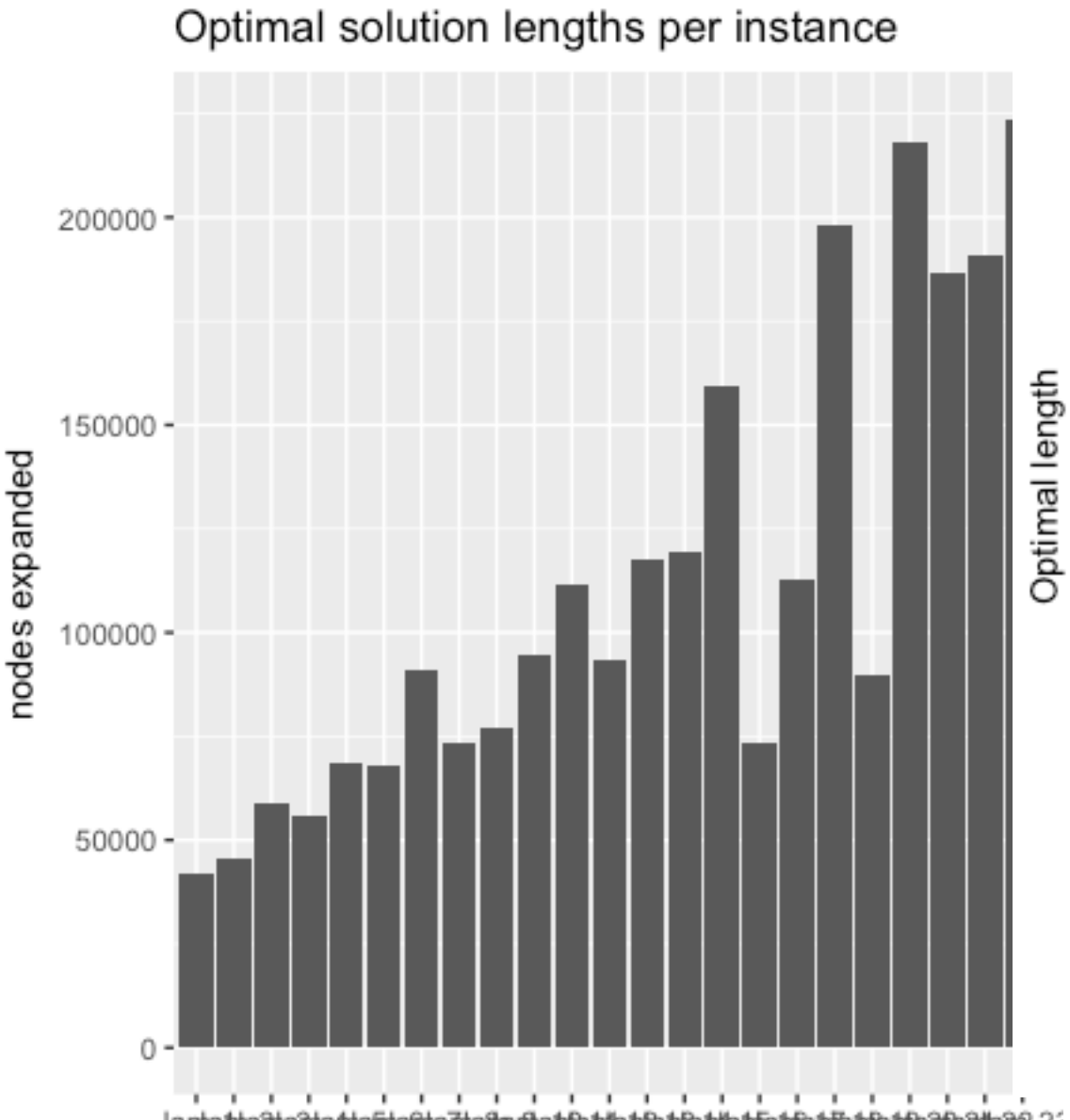
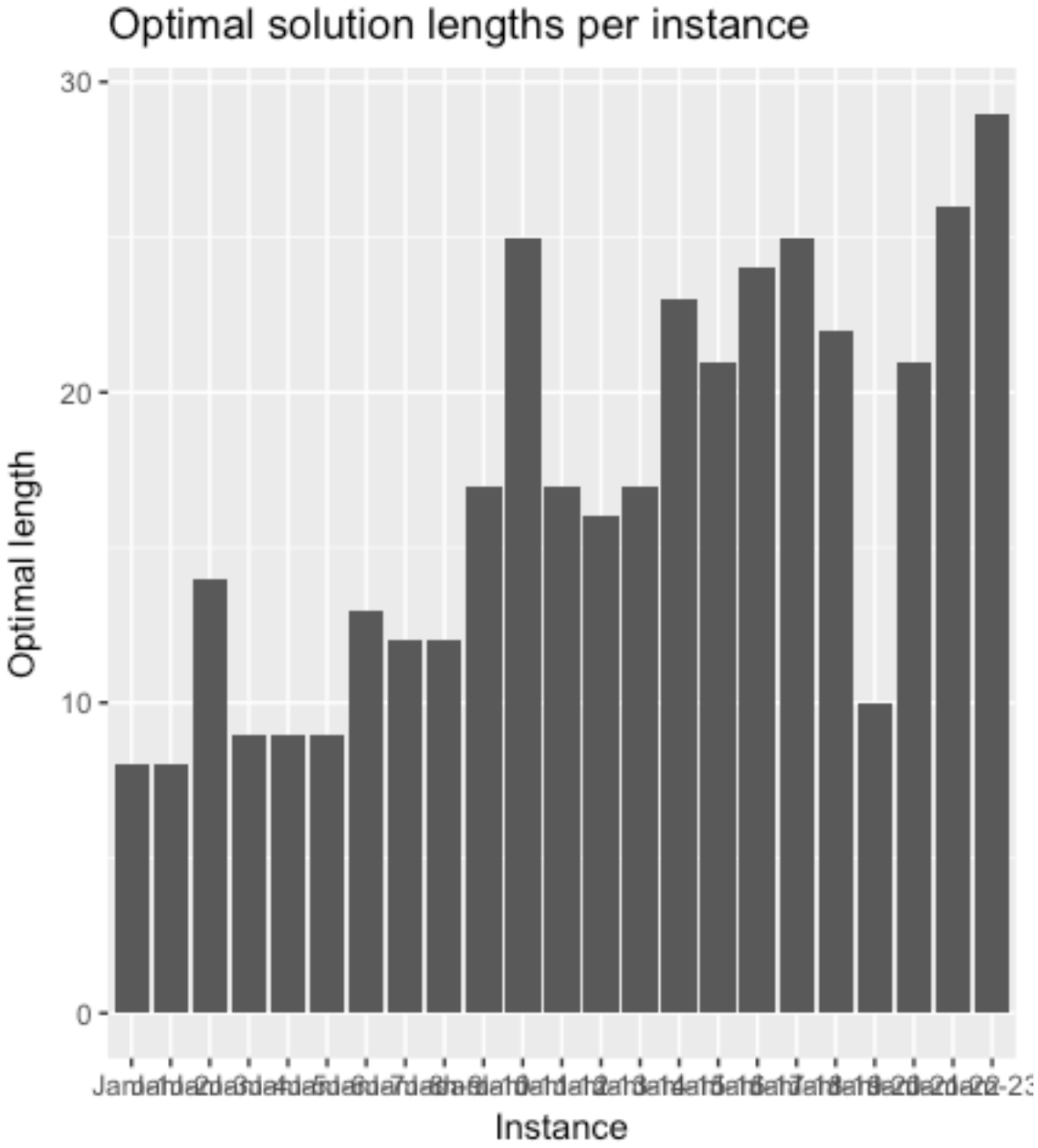

Press 'q' for surrender(!). Press 'r' for restart current instance

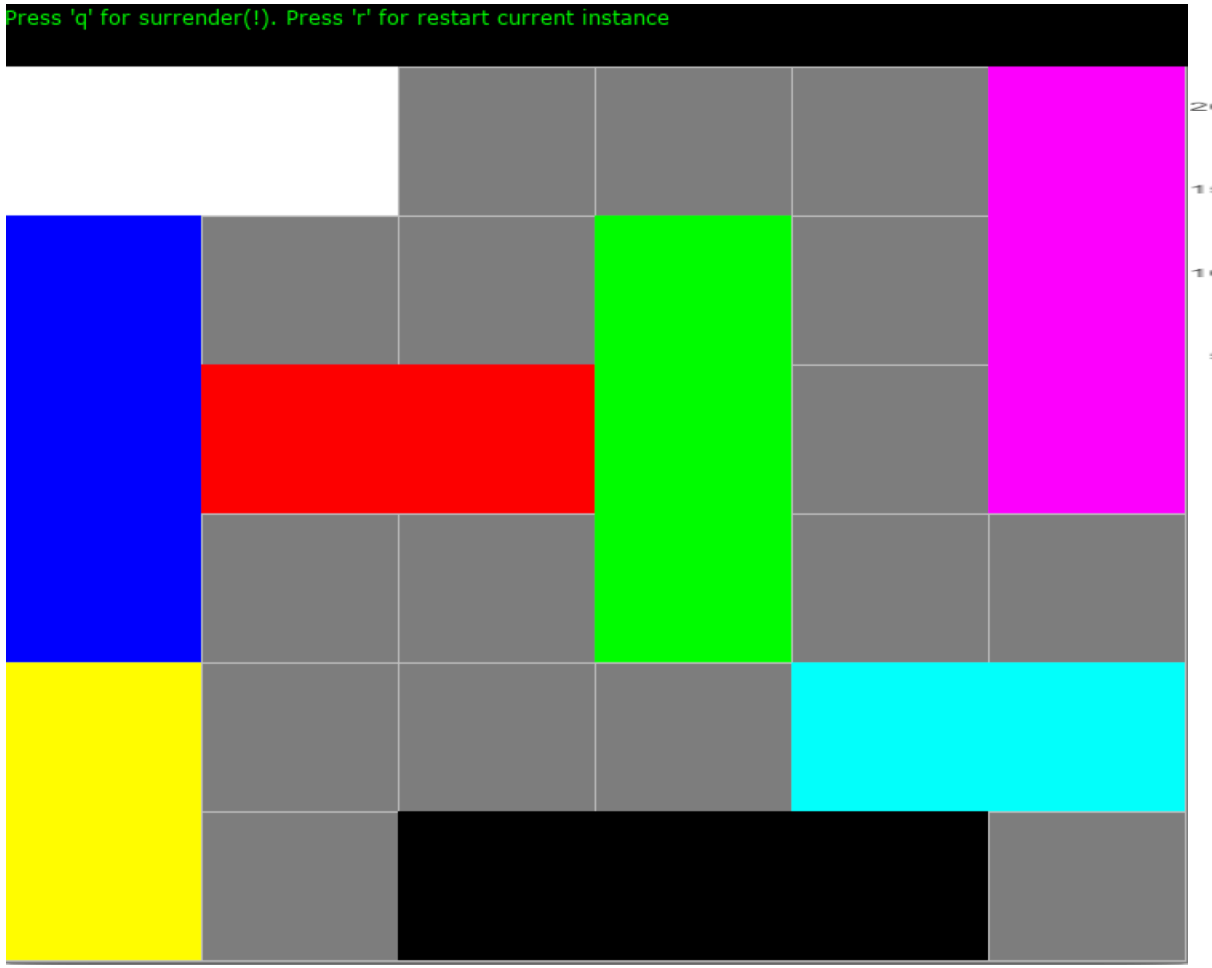

#moves
0
20
40
60
80


#Subejcts
1
2
3
4
5
6
7
8
9
10
11
Puzzle
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
success
restarted
skipped
solved

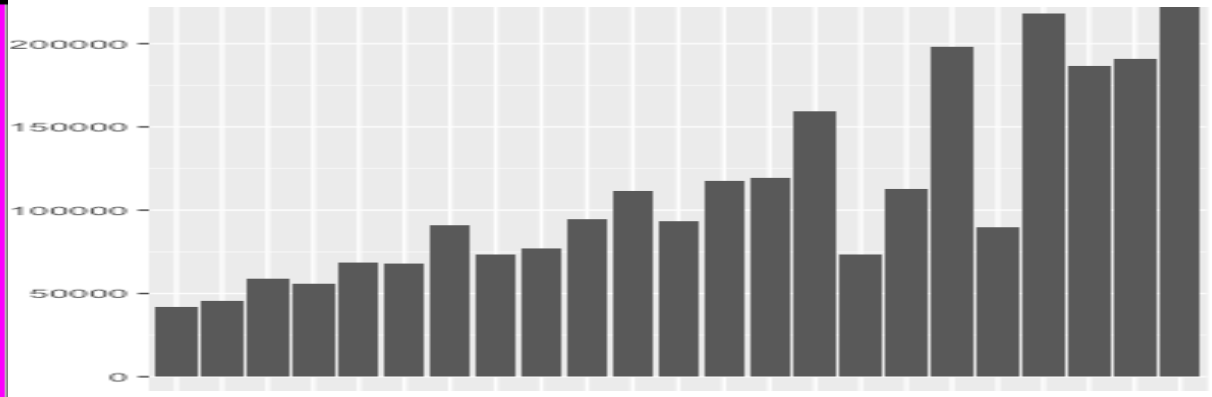

ress 'q' for surrender(!). Press 'r' for restart current instance


Optimal solution lengths per instance
nodes expanded
200000
150000
100000
50000
0

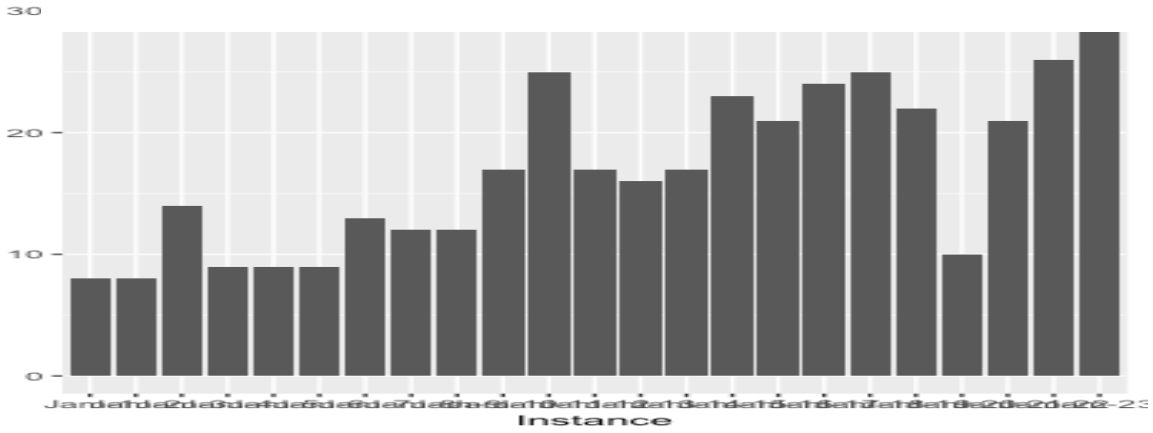

Optimal solution lengths per instance
Optimal length
30
20
10
0
Instance

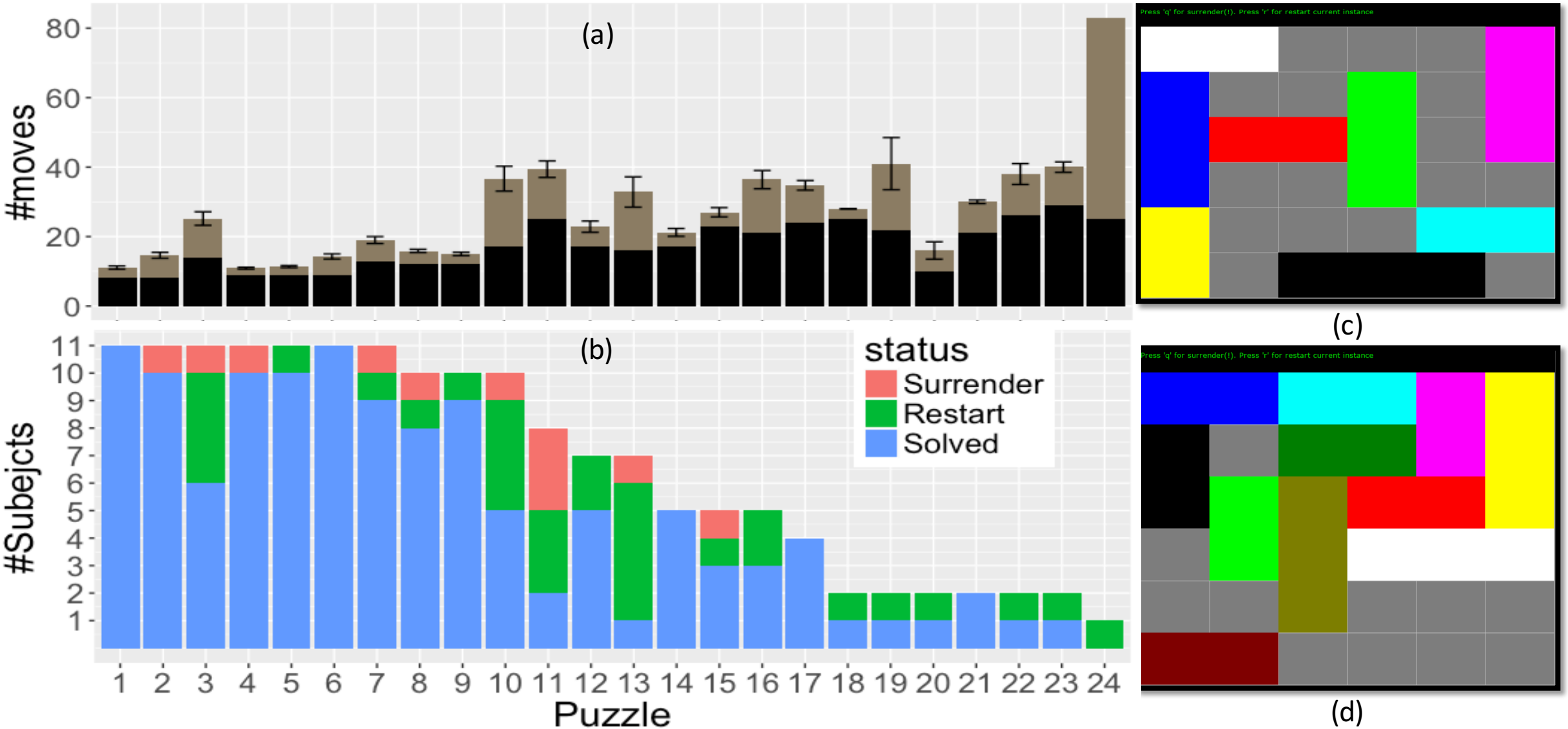


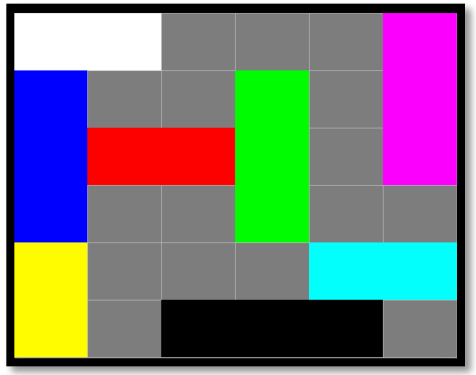
#expanded nodes



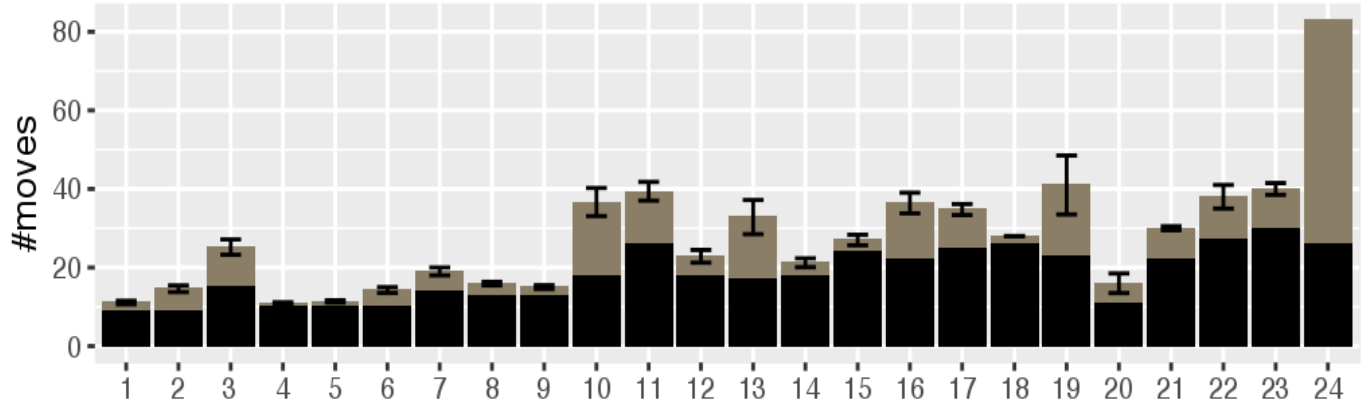
Optimal Solution Length



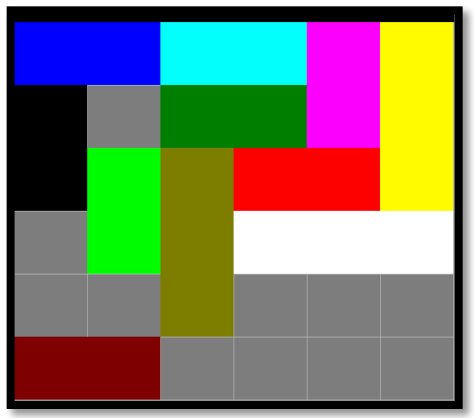

(a)
#moves
0
20
40
60
80
(b)
#Subejcts
1
2
3
4
5
6
7
8
9
10
11
status
Surrender
Restart
Solved
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
Puzzle
Press 'q' for surrender(!). Press 'r' for restart current instance
(c)
Press 'q' for surrender(!). Press 'r' for restart current instance
(d)



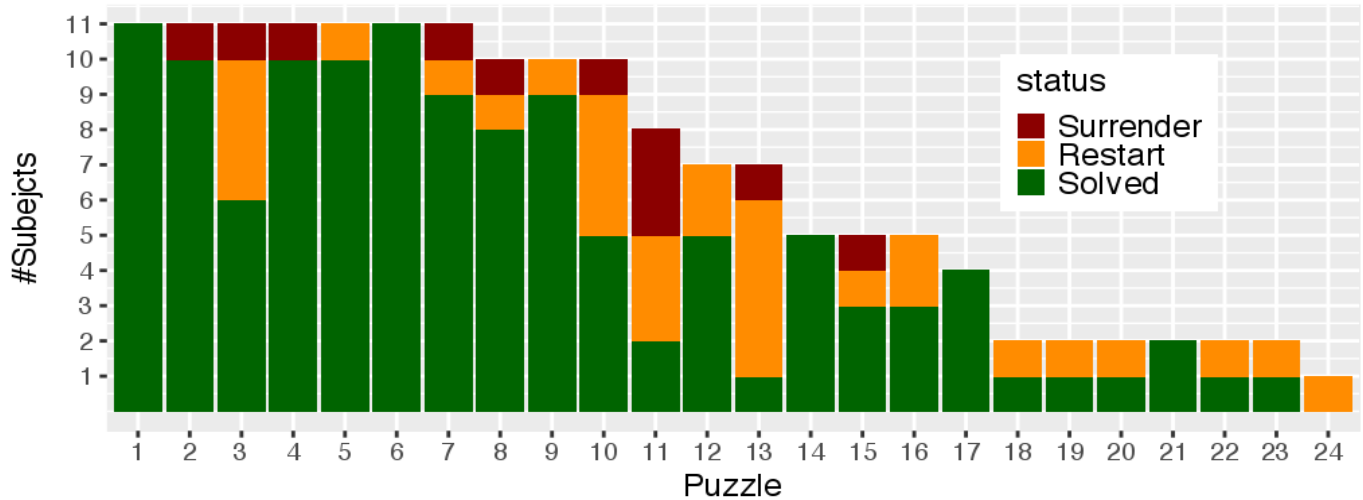
(a)


#moves
0
20
40
60
80
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

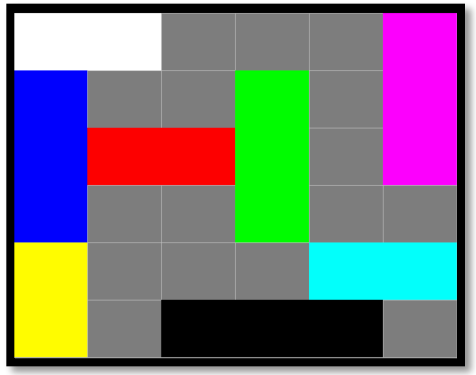
(b)



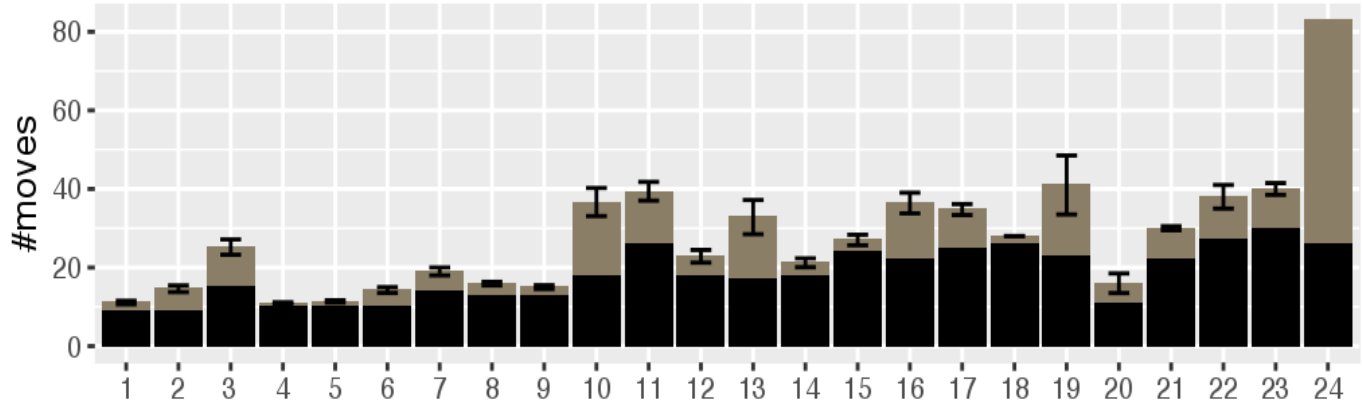
(c)


#Subejcts
1 2 3 4 5 6 7 8 9 10 11
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
Puzzle
status
Surrender
Restart
Solved

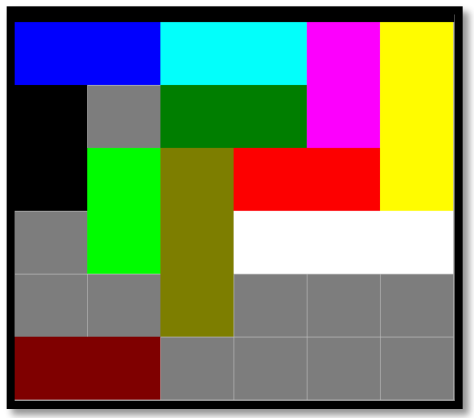
(d)



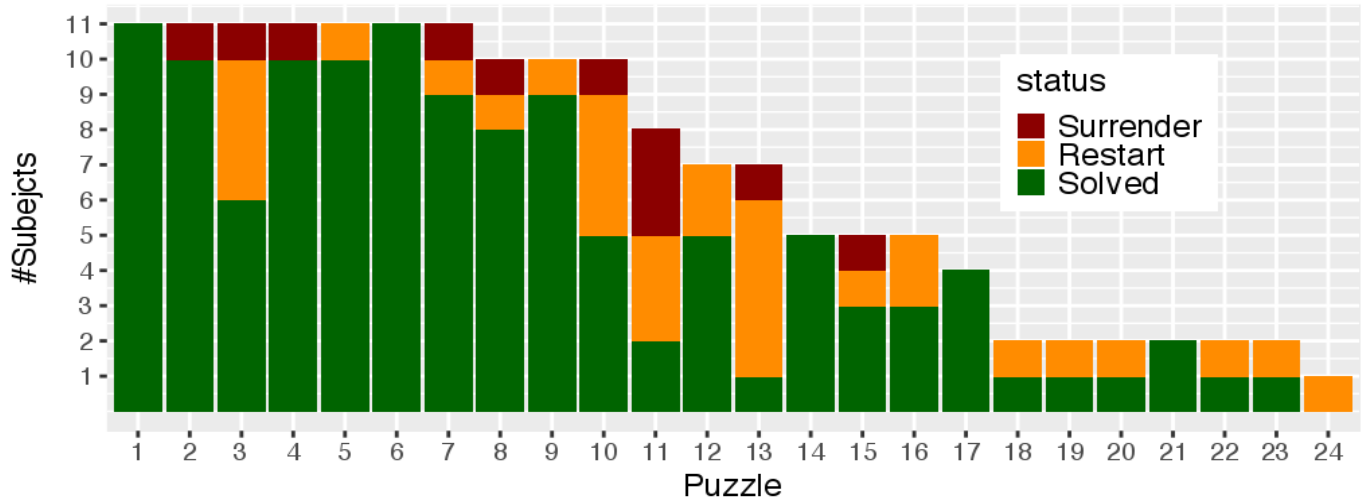
(a)


#moves
0
20
40
60
80
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

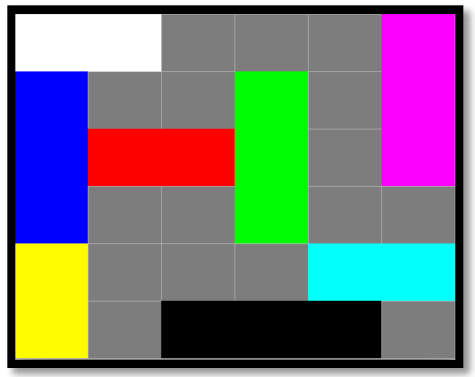
(b)



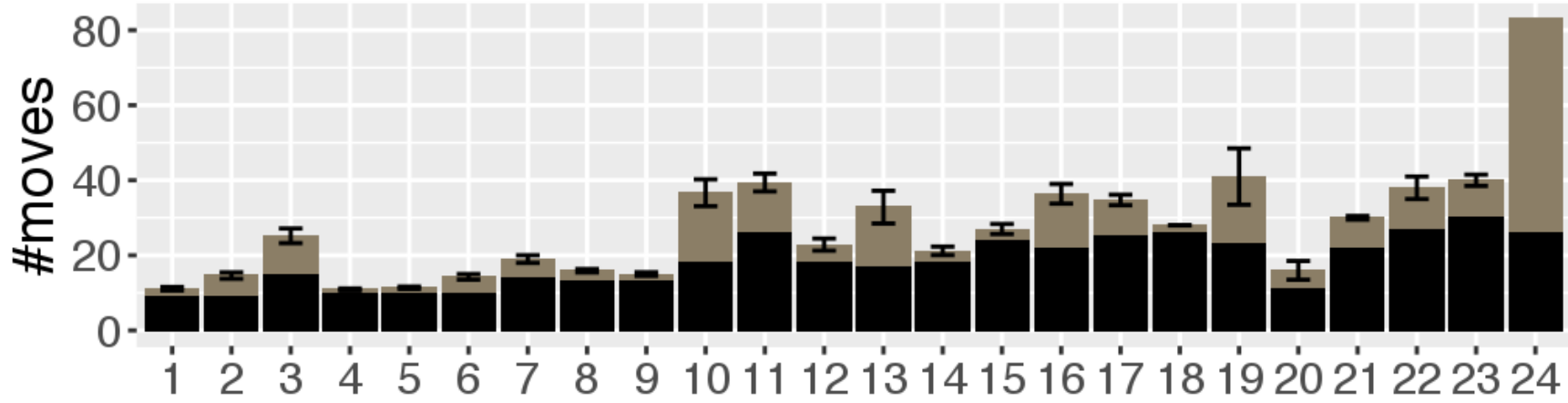
(c)


#Subejcts
1 2 3 4 5 6 7 8 9 10 11
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
Puzzle
status
Surrender
Restart
Solved

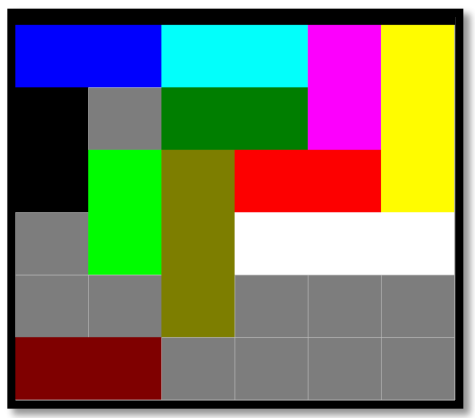
(d)



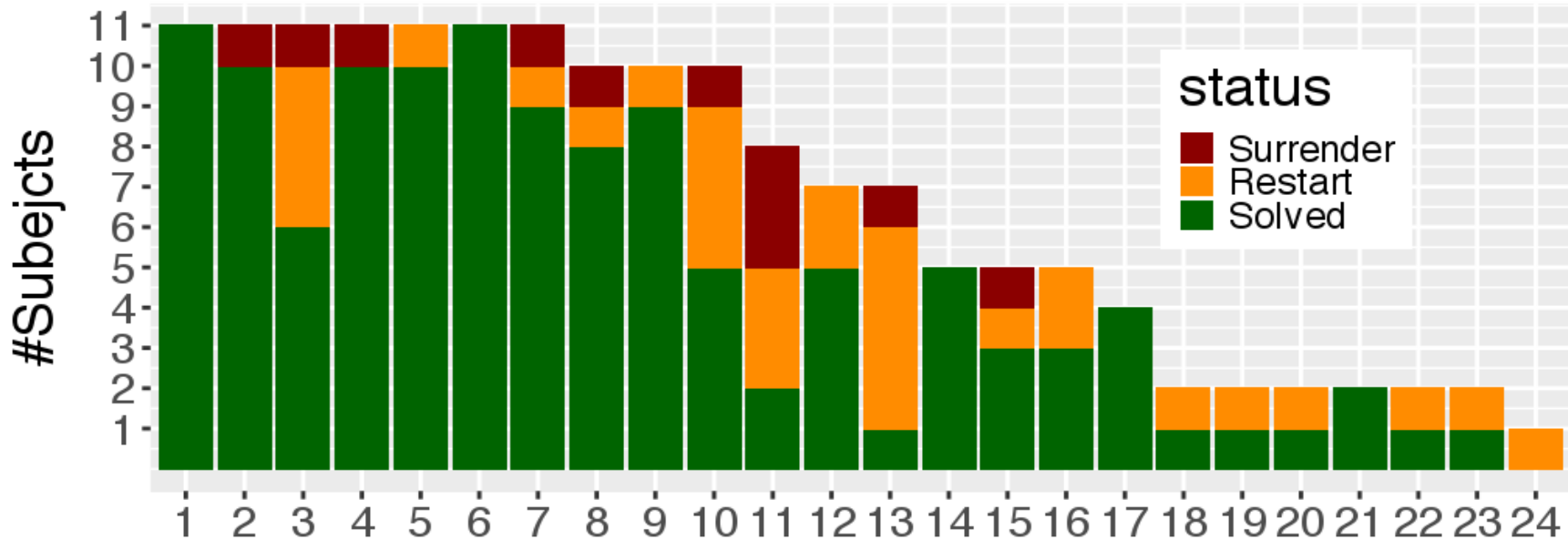
(a)


#moves
0
20
40
60
80
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

(b)



(c)


#Subejcts
1
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
status
Surrender
Restart
Solved

(d)