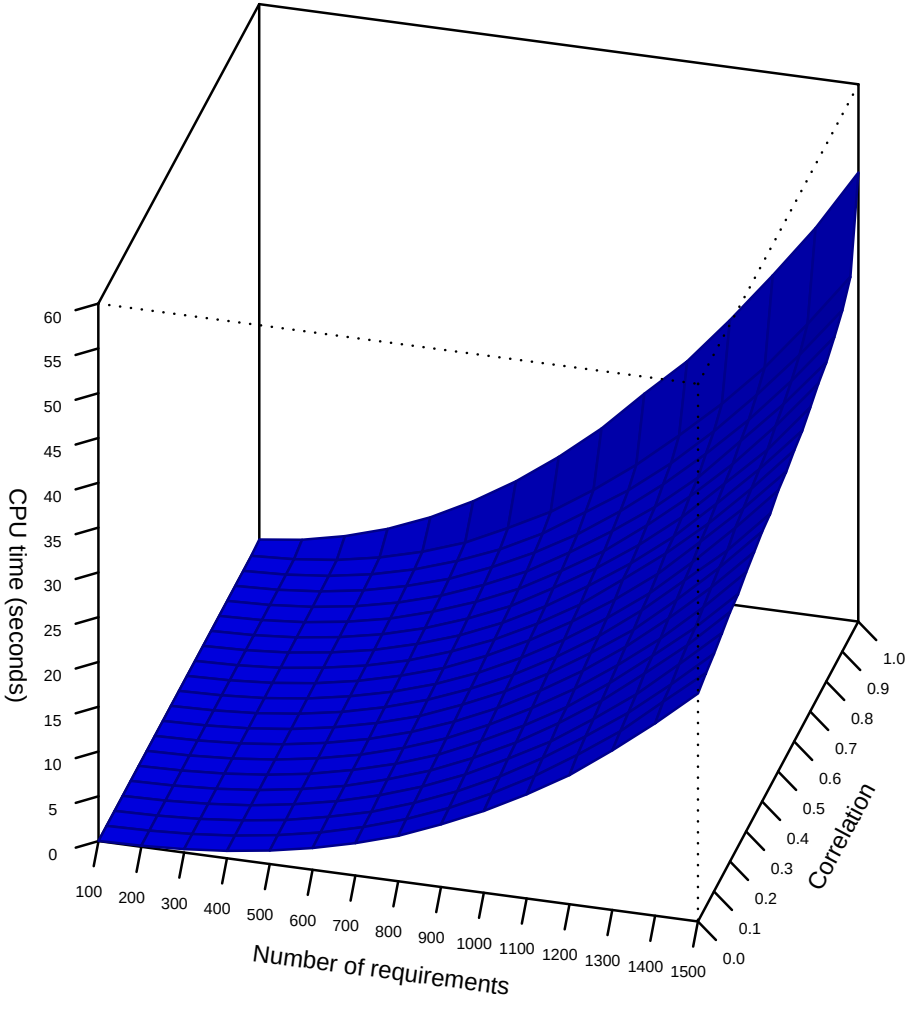
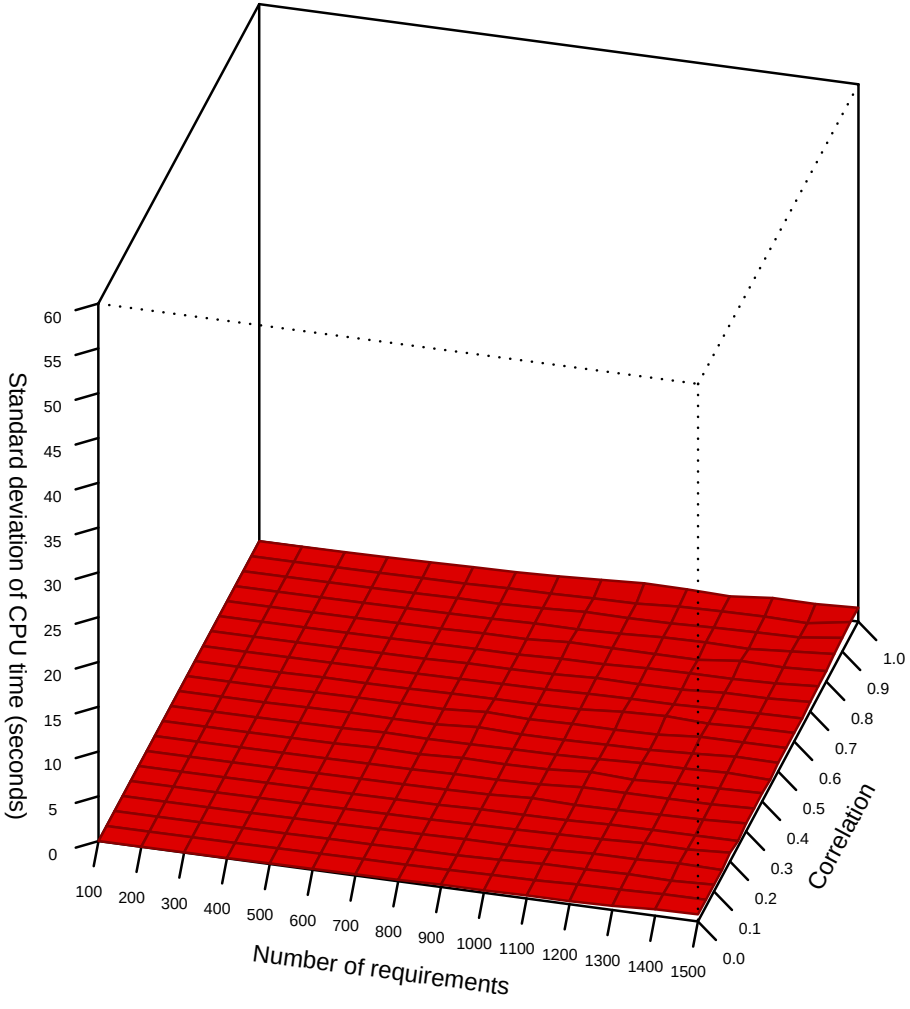
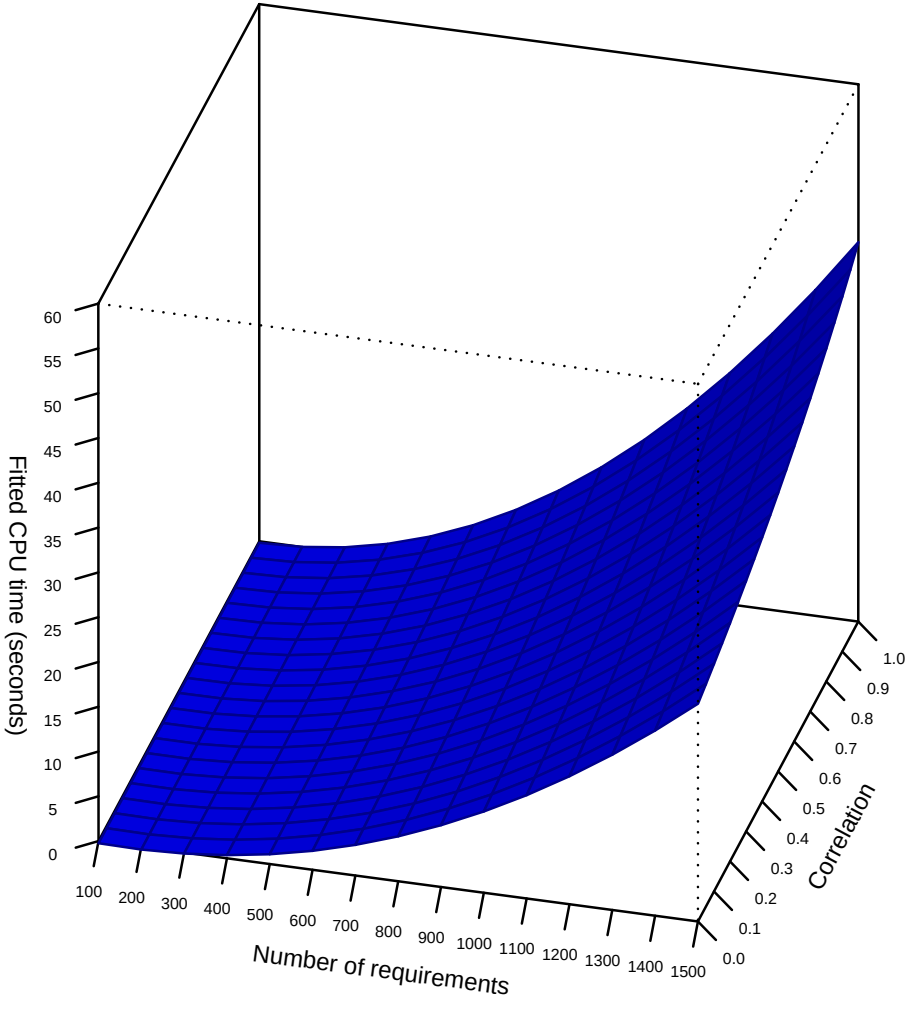
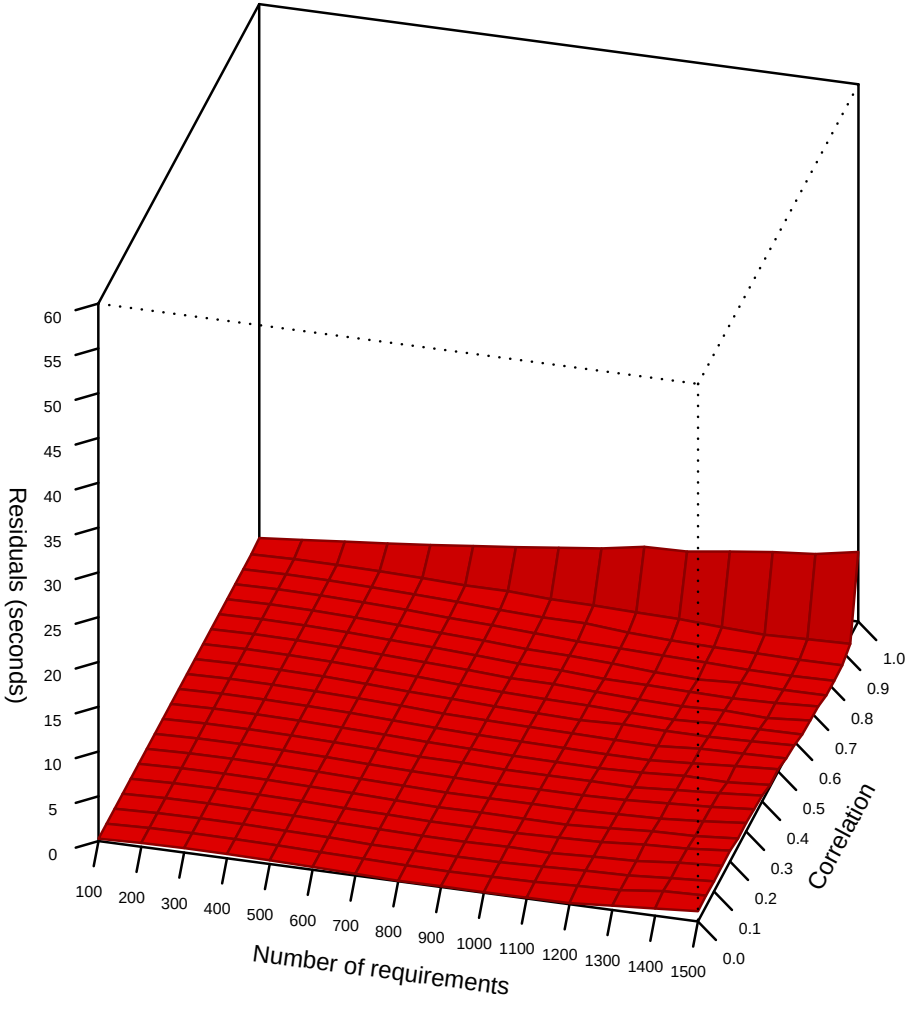
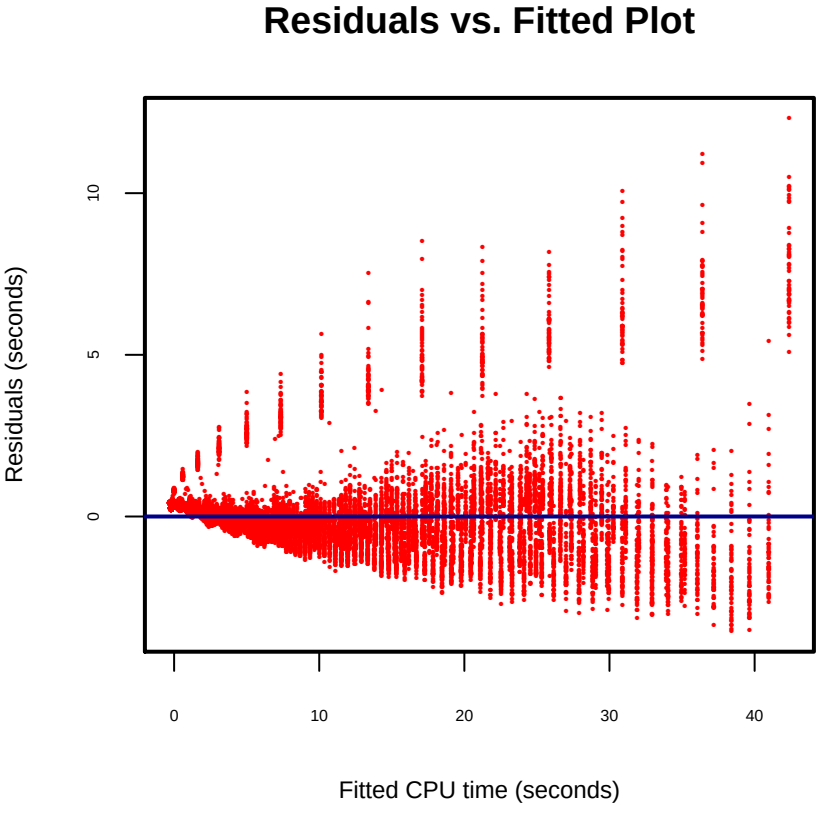
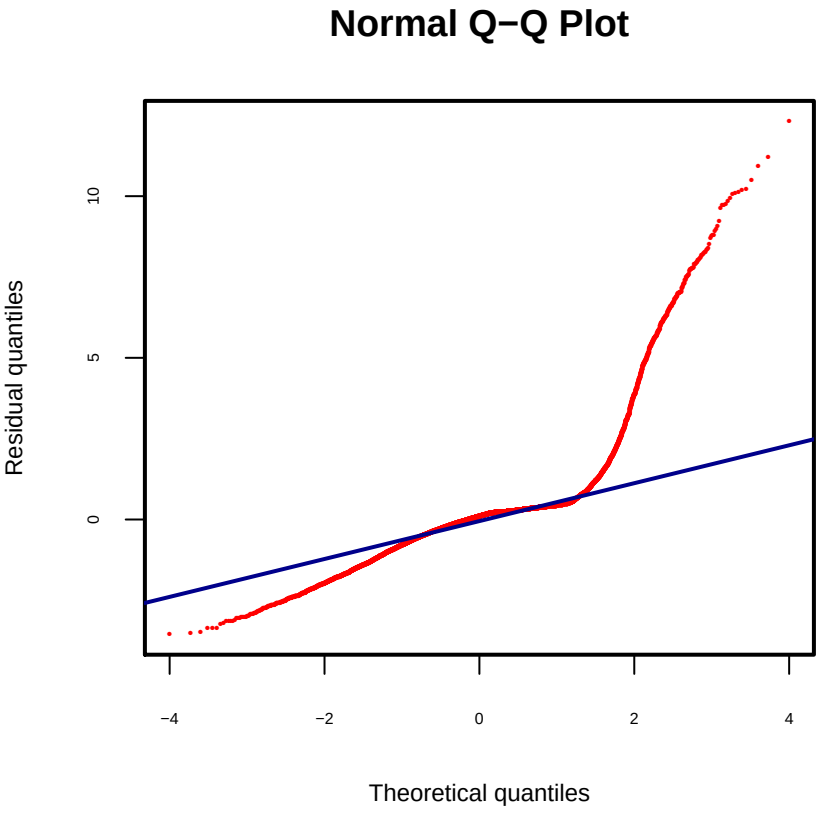

CPU time (seconds)
0
5
10
15
20
25
30
35
40
45
50
55
60
Number of requirements
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
Correlation
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0

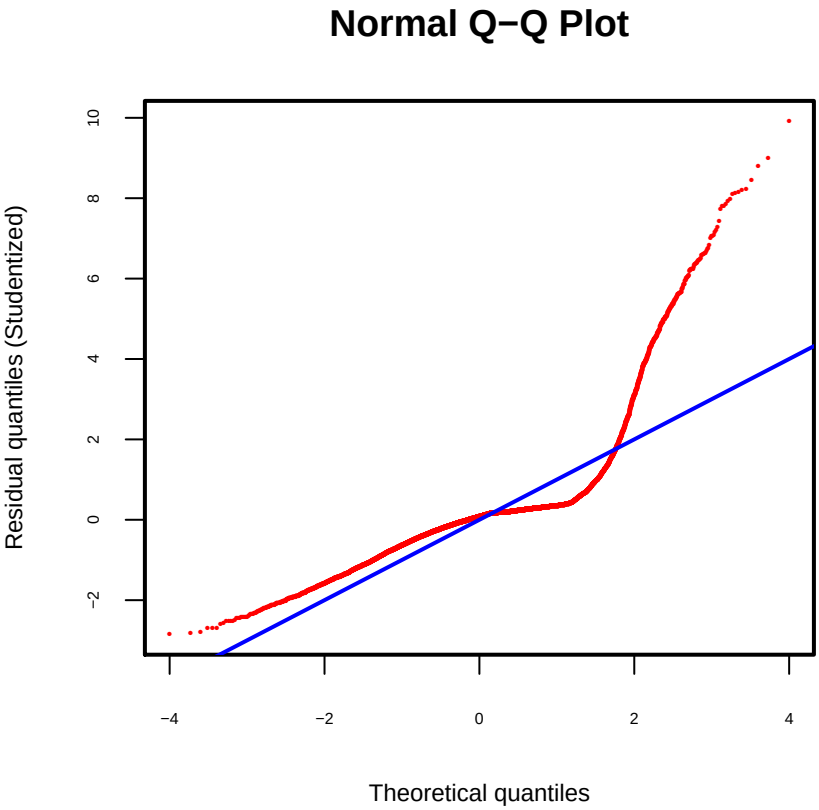

Standard deviation of CPU time (seconds)
0
5
10
15
20
25
30
35
40
45
50
55
60
Number of requirements
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
Correlation
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0


Fitted CPU time (seconds)
0
5
10
15
20
25
30
35
40
45
50
55
60
Number of requirements
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
Correlation
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0


Residuals (seconds)
0
5
10
15
20
25
30
35
40
45
50
55
60
Number of requirements
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
Correlation
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0


Residuals vs. Fitted Plot
Residuals (seconds)
0
5
10
0
10
20
30
40
Fitted CPU time (seconds)


Normal Q−Q Plot
Residual quantiles
0
5
10
−4
−2
0
2
4
Theoretical quantiles


Normal Q−Q Plot
Residual quantiles (Studentized)
10
8
6
4
2
0
−2
−4
−2
0
2
4
Theoretical quantiles