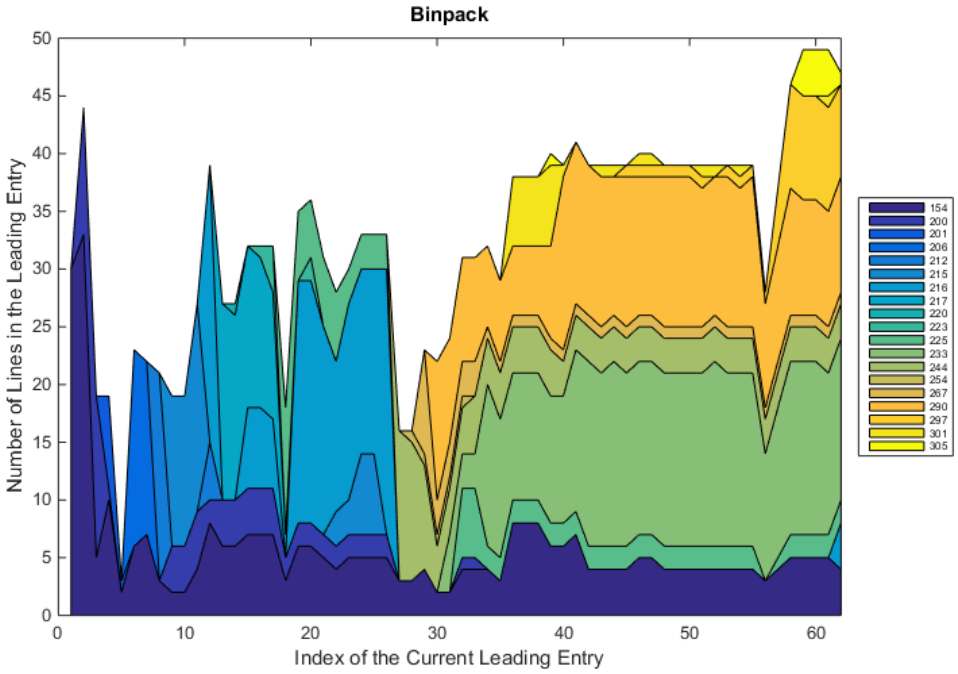
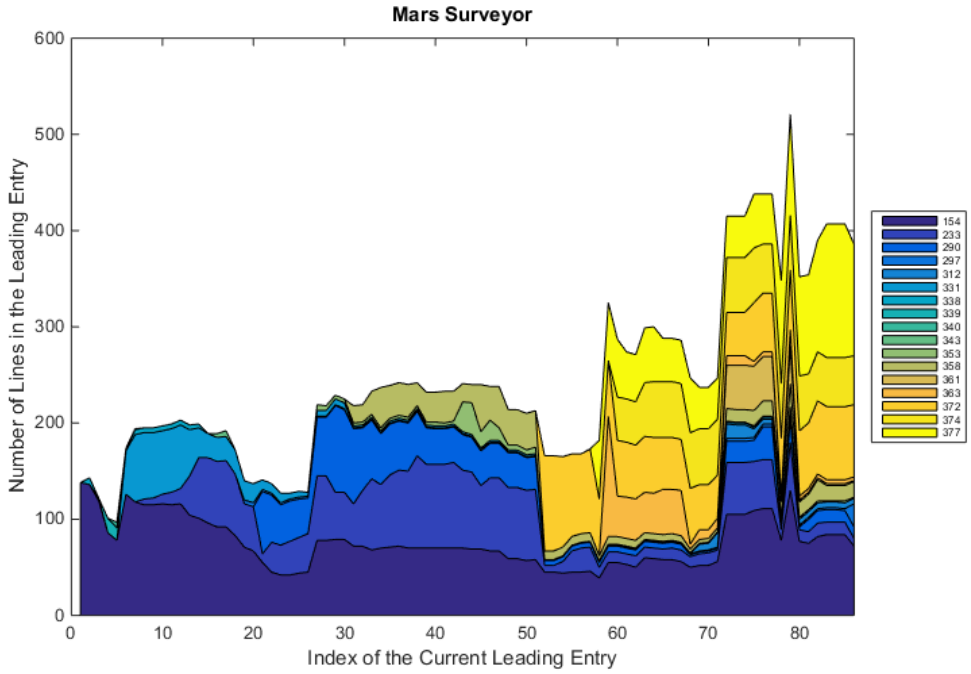
Author by Area

These are area plots that show the "market share" of each author by contest.

```
fprintf('Published from file %s on %s\n',mfilename,datestr(now,1));

contestStruct = getContestMetaData;

for i = 1:length(contestStruct)

    contestName = contestStruct(i).name;

    d = getContestData(contestStruct(i).id);
    d = rankAtDebut(d);
    leaders = find([d.initial_rank]==1);
    d2 = d(leaders);
    cleanFlag = false;
    [d3, allLineList, firstTimeIndexList] = hashFiles(d2,cleanFlag);

    a = authorSharePlot(d3,firstTimeIndexList);

    title(contestStruct(i).name)

    snapnow

end
```

Published from file author_share on 31-Jan-2014




Mars Surveyor
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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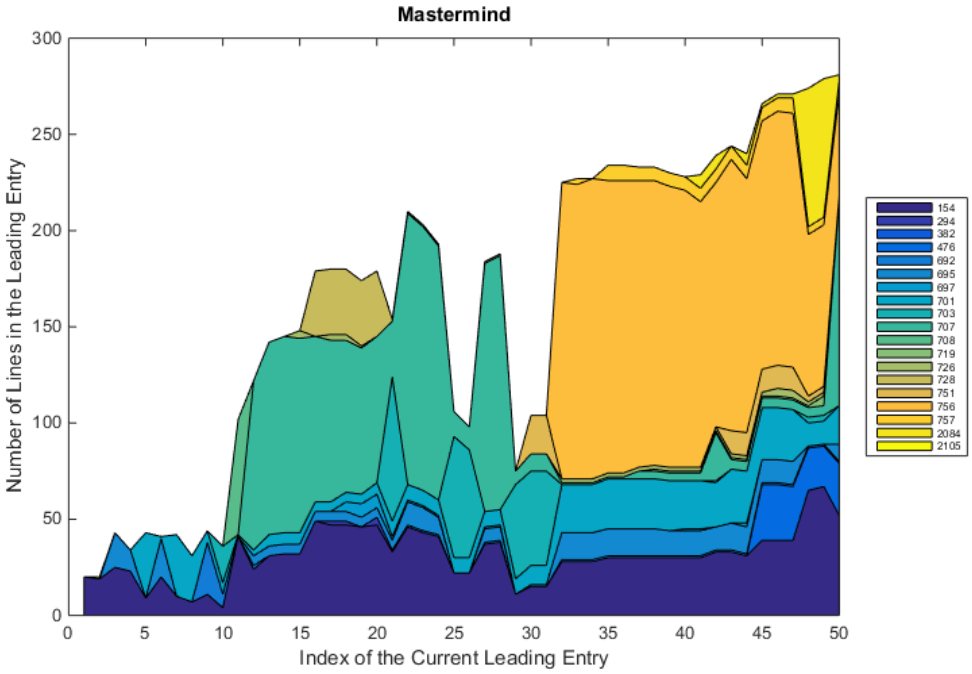
100
200
300
400
500
600
0
10
20
30
40
50
60
70
80
154
233
290
297
312
331
338
339
340
343
353
358
361
363
372
374
377


Mastermind
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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100
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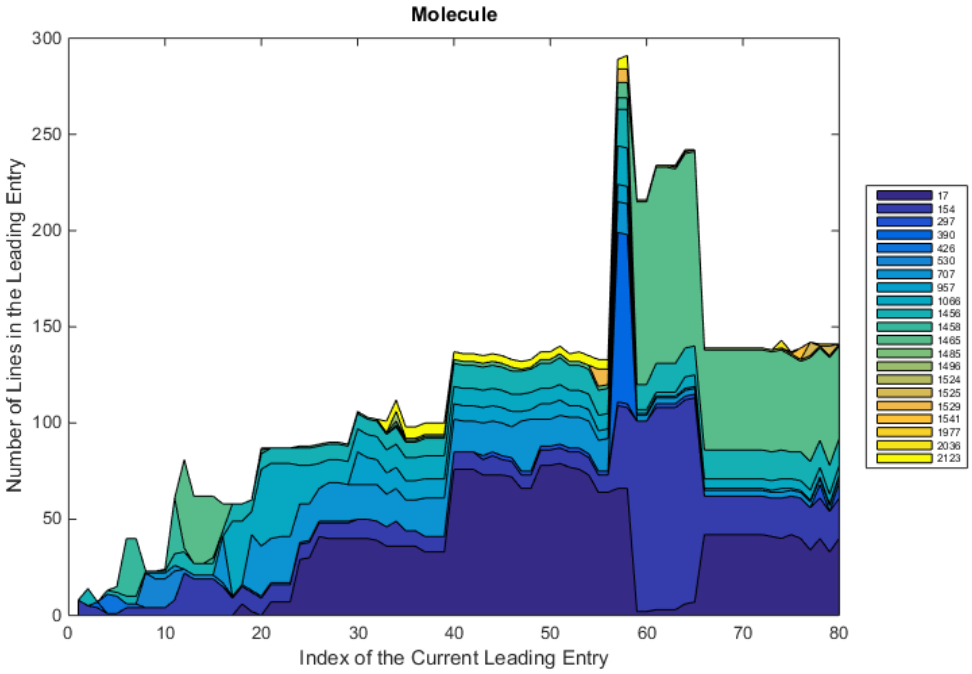
200
250
300
0
5
10
15
20
25
30
35
40
45
50
154
294
382
476
692
695
697
701
703
707
708
719
726
728
751
756
757
2084
2105


Molecule
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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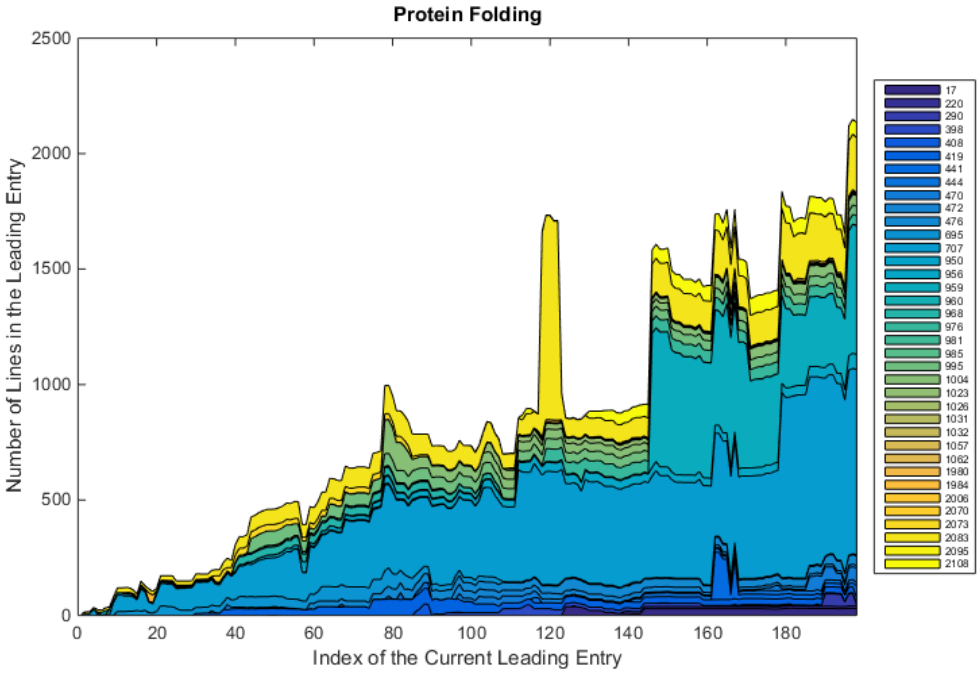
200
250
300
0
10
20
30
40
50
60
70
80
17
154
297
390
426
530
707
957
1066
1456
1458
1465
1485
1496
1524
1525
1529
1541
1977
2036
2123


Protein Folding
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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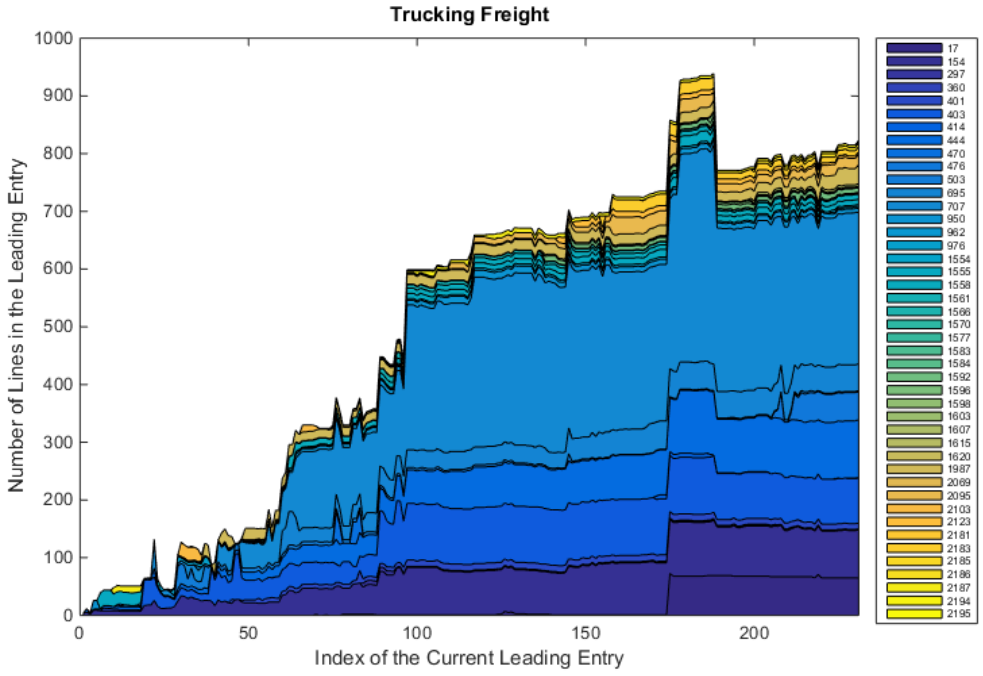
1500
2000
2500
0
20
40
60
80
100
120
140
160
180
17
220
290
398
408
419
441
444
470
472
476
695
707
950
956
959
960
968
976
981
985
995
1004
1023
1026
1031
1032
1057
1062
1980
1984
2006
2070
2073
2083
2095
2108


Trucking Freight
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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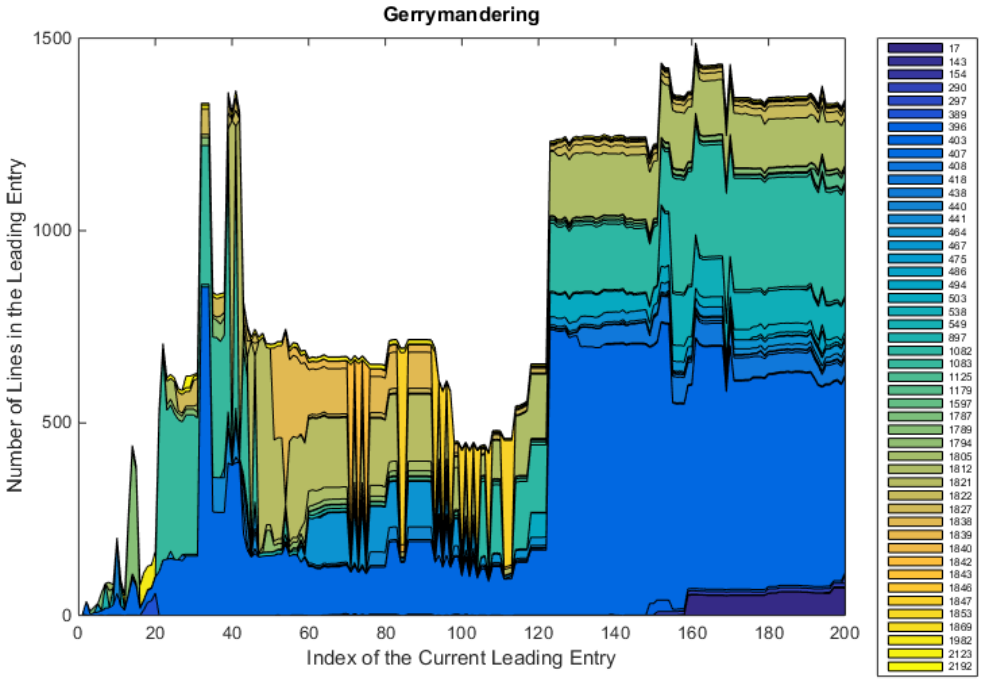
200
300
400
500
600
700
800
900
1000
0
50
100
150
200
17
154
297
360
401
403
414
444
470
476
503
695
707
950
962
976
1554
1555
1558
1561
1566
1570
1577
1583
1584
1592
1596
1598
1603
1607
1615
1620
1987
2069
2095
2103
2123
2181
2183
2185
2186
2187
2194
2195


Gerrymandering
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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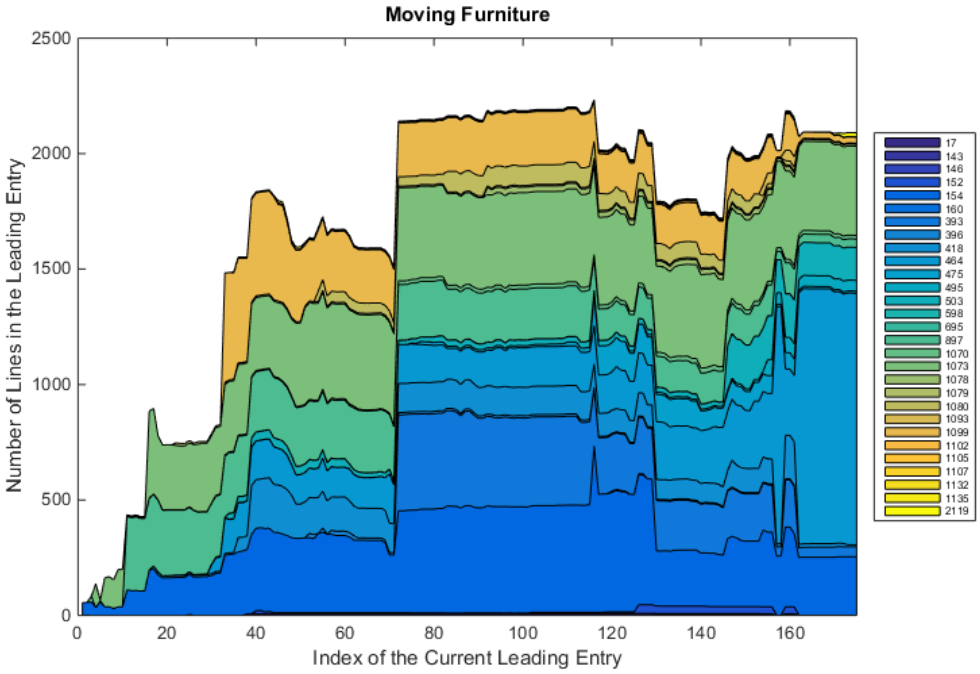
1500
0
20
40
60
80
100
120
140
160
180
200
17
143
154
290
297
389
396
403
407
408
418
438
440
441
464
467
475
486
494
503
538
549
897
1082
1083
1125
1179
1597
1787
1789
1794
1805
1812
1821
1822
1827
1838
1839
1840
1842
1843
1846
1847
1853
1869
1982
2123
2192


Moving Furniture
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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1000
1500
2000
2500
0
20
40
60
80
100
120
140
160
17
143
146
152
154
160
393
396
418
464
475
495
503
598
695
897
1070
1073
1078
1079
1080
1093
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1102
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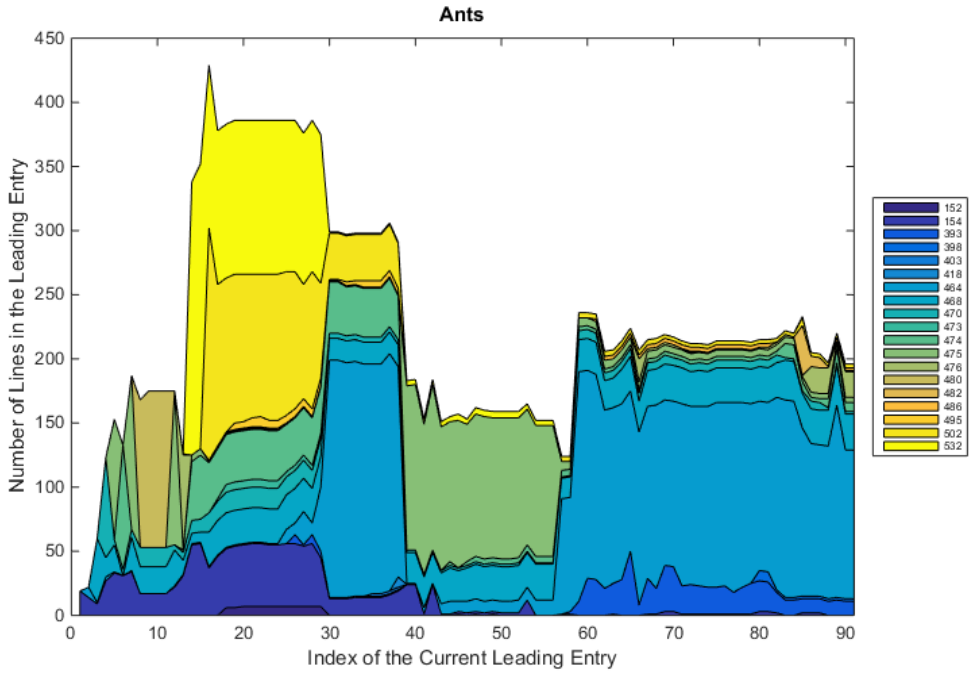
1107
1132
1135
2119


Ants
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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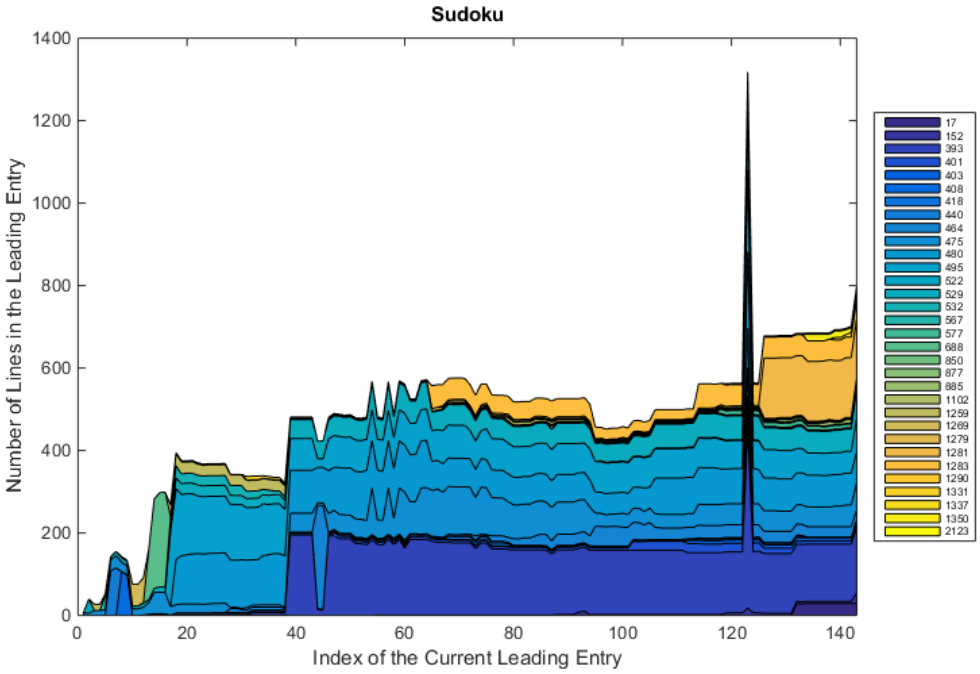
50
100
150
200
250
300
350
400
450
0
10
20
30
40
50
60
70
80
90
152
154
393
398
403
418
464
468
470
473
474
475
476
480
482
486
495
502
532


Sudoku
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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200
400
600
800
1000
1200
1400
0
20
40
60
80
100
120
140
17
152
393
401
403
408
418
440
464
475
480
495
522
529
532
567
577
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1279
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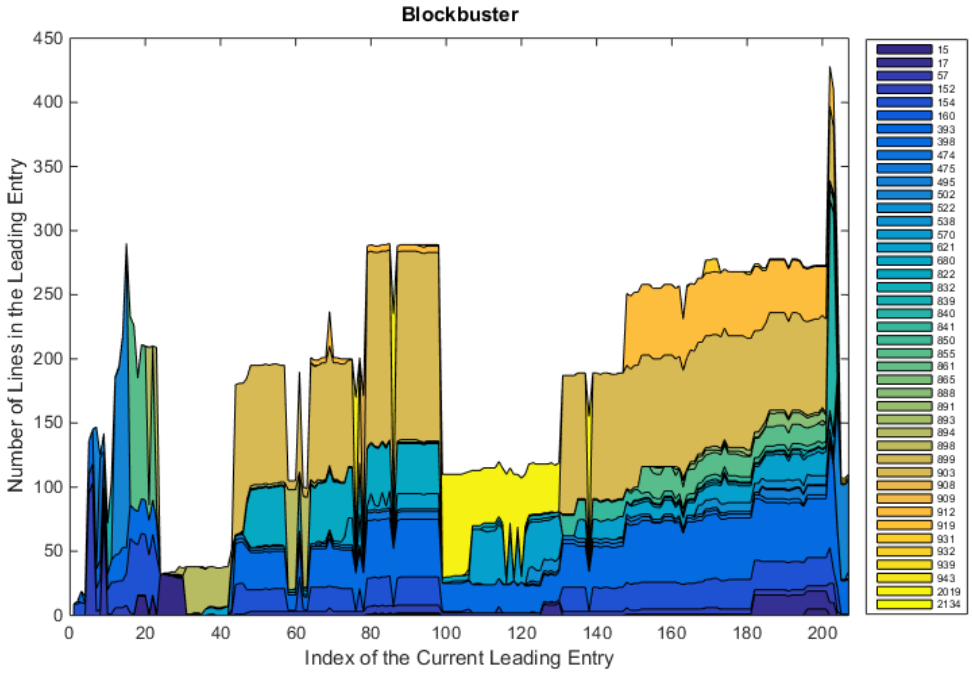
1283
1290
1331
1337
1350
2123


Blockbuster
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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100
150
200
250
300
350
400
450
0
20
40
60
80
100
120
140
160
180
200
15
17
57
152
154
160
393
398
474
475
495
502
522
538
570
621
680
822
832
839
840
841
850
855
861
865
888
891
893
894
898
899
903
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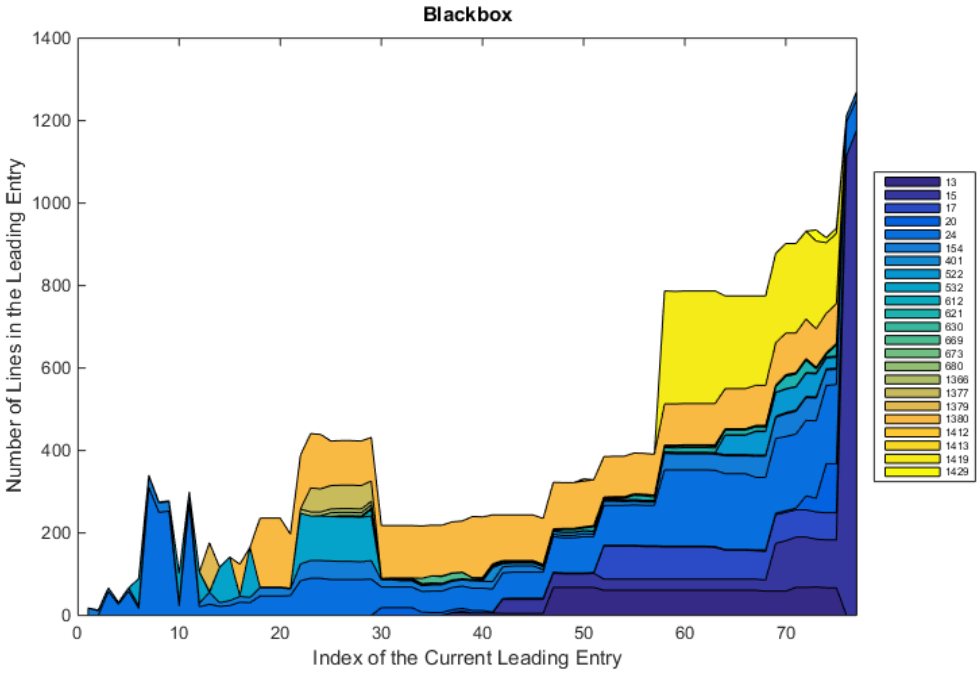
909
912
919
931
932
939
943
2019
2134


Blackbox
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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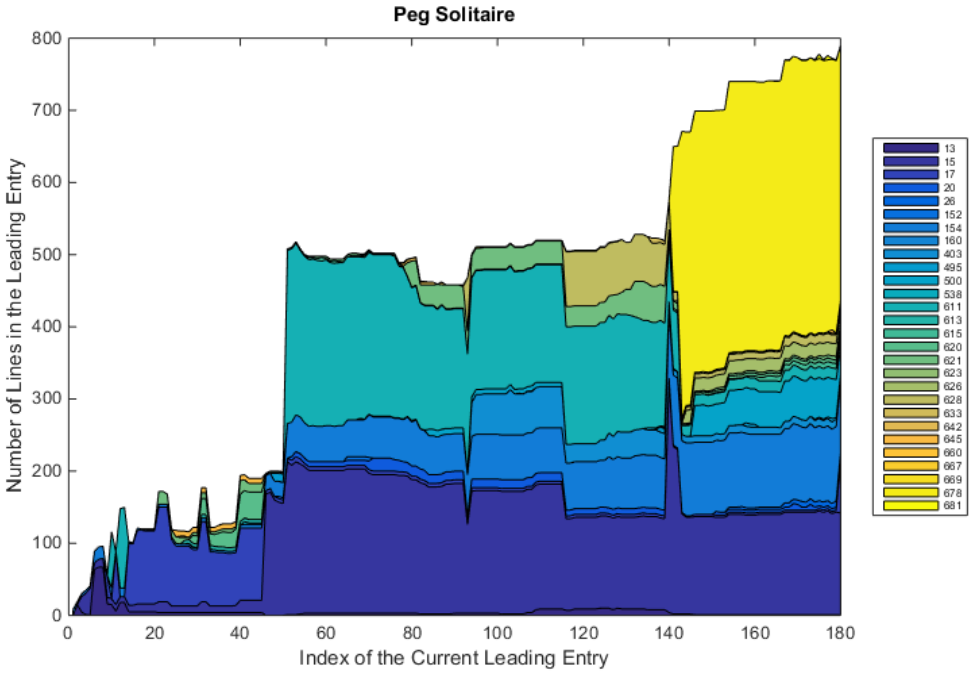
400
600
800
1000
1200
1400
0
10
20
30
40
50
60
70
13
15
17
20
24
154
401
522
532
612
621
630
669
673
680
1366
1377
1379
1380
1412
1413
1419
1429


Peg Solitaire
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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300
400
500
600
700
800
0
20
40
60
80
100
120
140
160
180
13
15
17
20
26
152
154
160
403
495
500
538
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613
615
620
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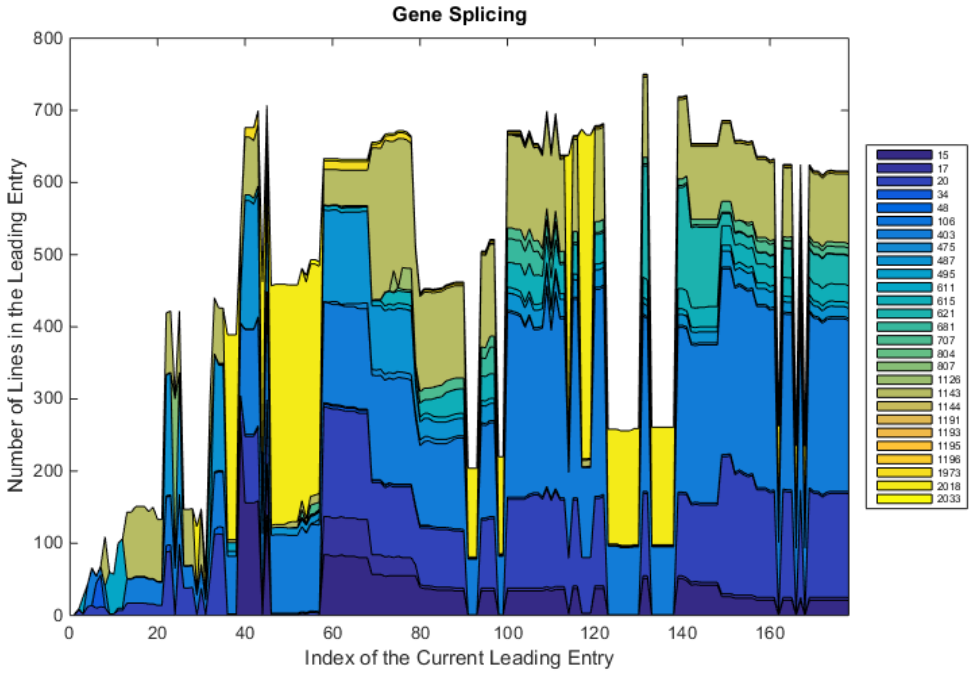
626
628
633
642
645
660
667
669
678
681


Gene Splicing
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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200
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400
500
600
700
800
0
20
40
60
80
100
120
140
160
15
17
20
34
48
106
403
475
487
495
611
615
621
681
707
804
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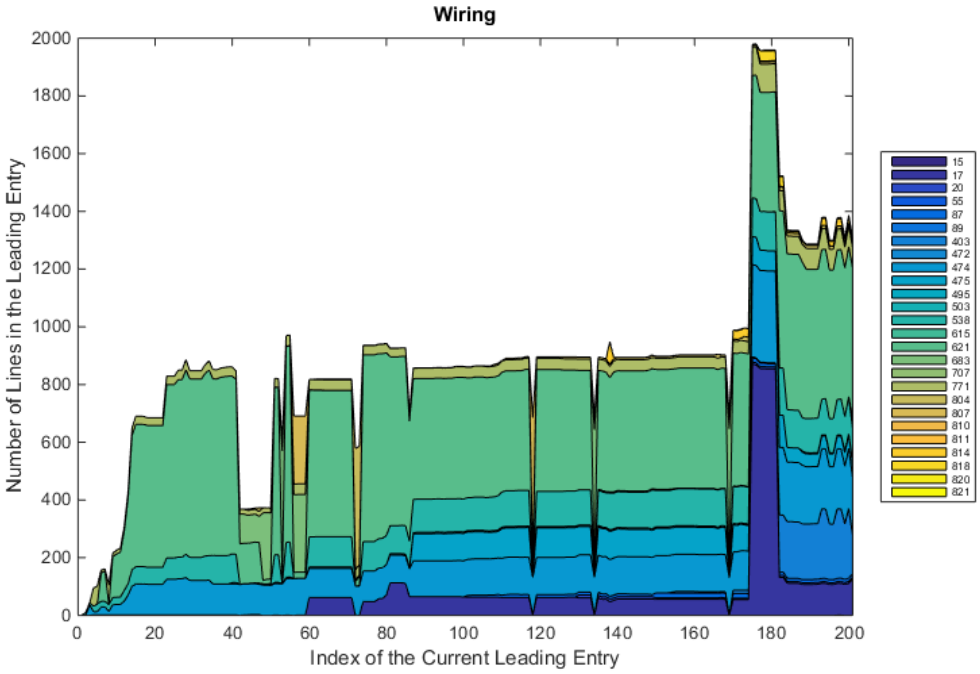
1126
1143
1144
1191
1193
1195
1196
1973
2018
2033


Wiring
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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200
400
600
800
1000
1200
1400
1600
1800
2000
0
20
40
60
80
100
120
140
160
180
200
15
17
20
55
87
89
403
472
474
475
495
503
538
615
621
683
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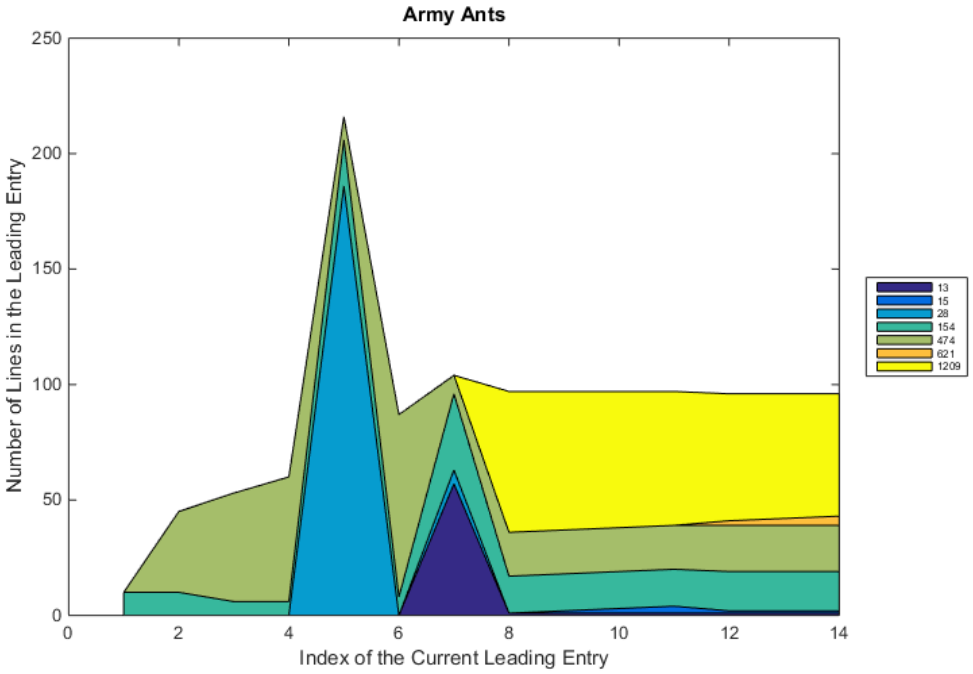
771
804
807
810
811
814
818
820
821


Army Ants
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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150
200
250
0
2
4
6
8
10
12
14
13
15
28
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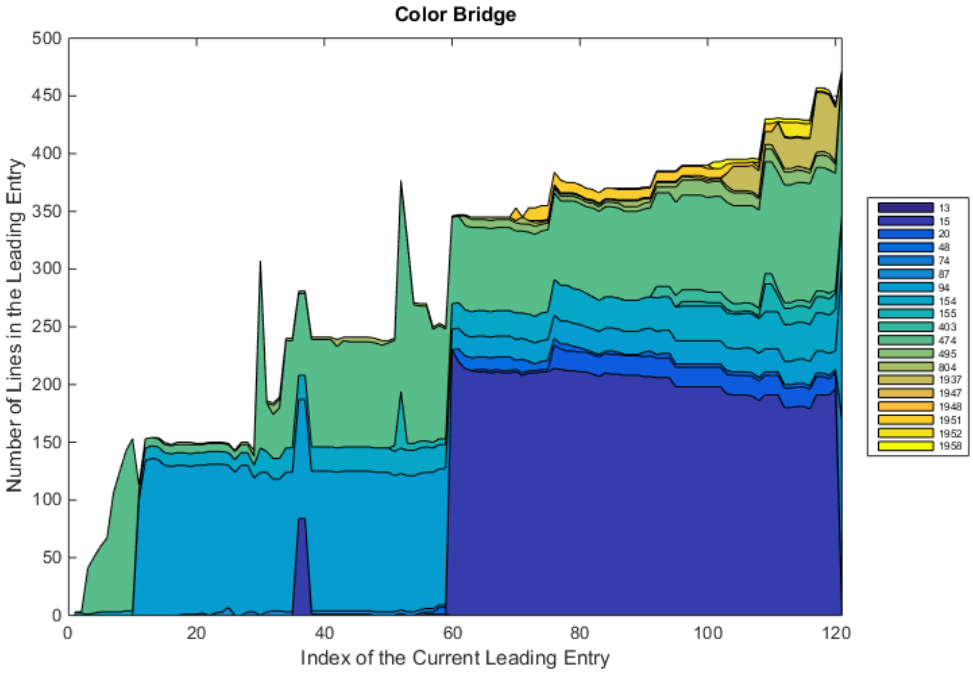
474
621
1209


Color Bridge
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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250
300
350
400
450
500
0
20
40
60
80
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120
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15
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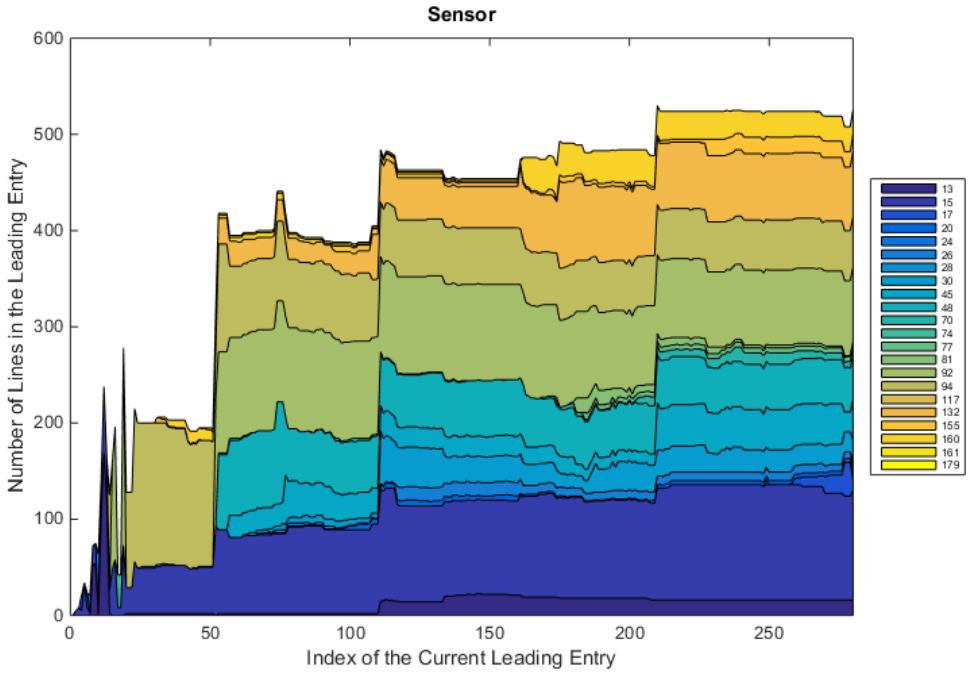
74
87
94
154
155
403
474
495
804
1937
1947
1948
1951
1952
1958


Sensor
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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13
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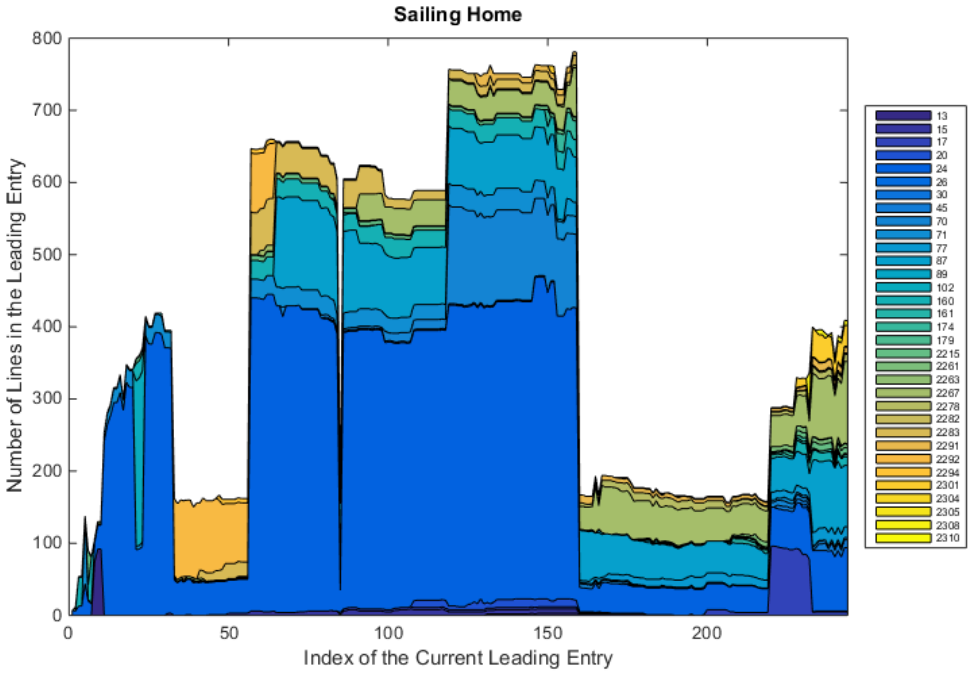
Sailing Home
Number of Lines in the Leading Entry
Index of the Current Leading Entry
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100
150
200
13
15
17
20
24
26
30
45
70
71
77
87
89
102
160
161
174
179
2215
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2294
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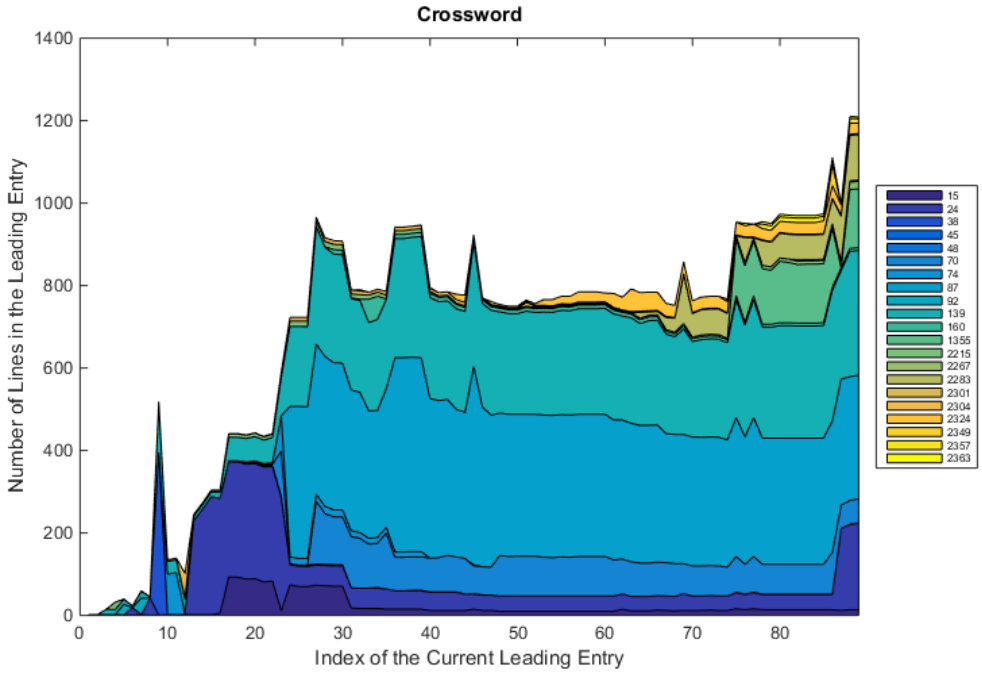
2310



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