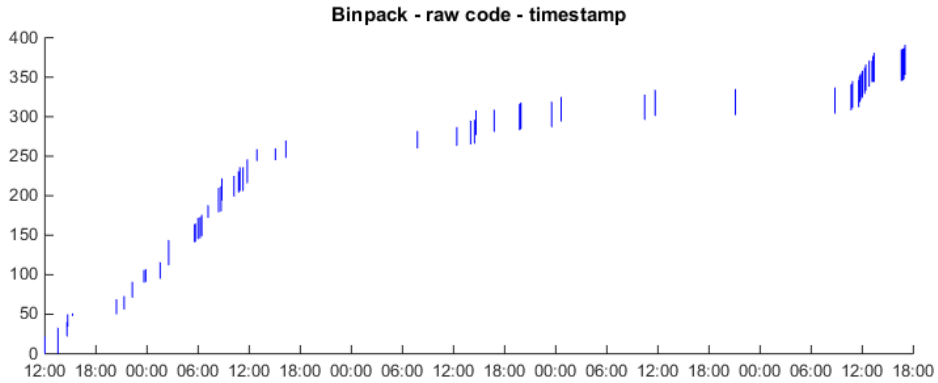
Make all step charts

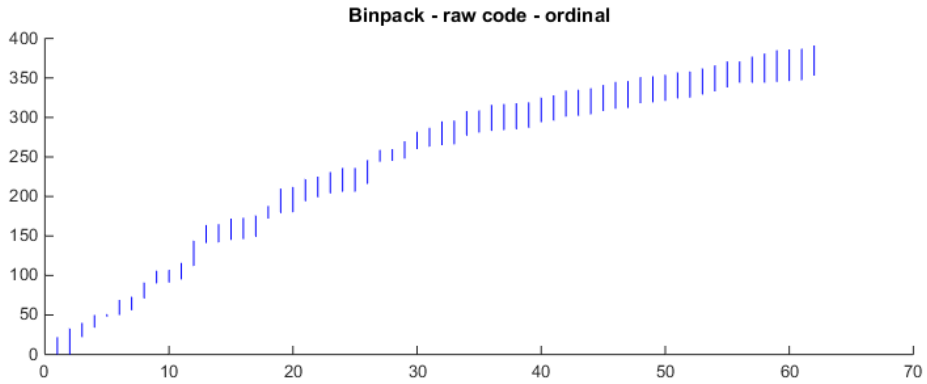
```
fprintf('Published from file %s on %s\n',mfilename,datestr(now,1));
```

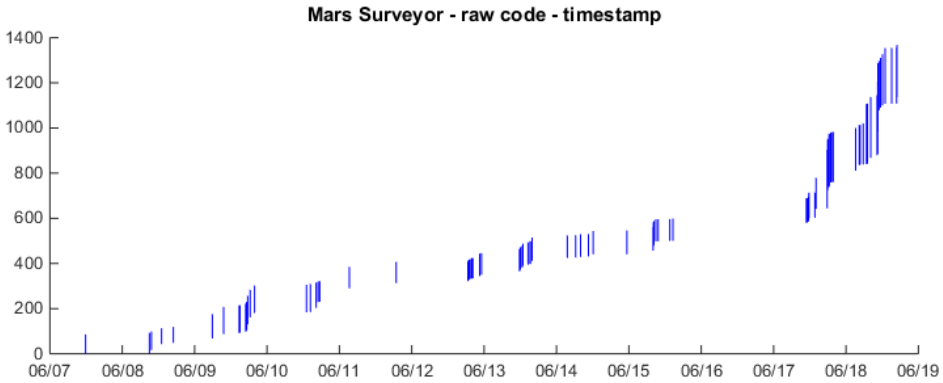
Published from file all_stepcharts on 03-Feb-2014

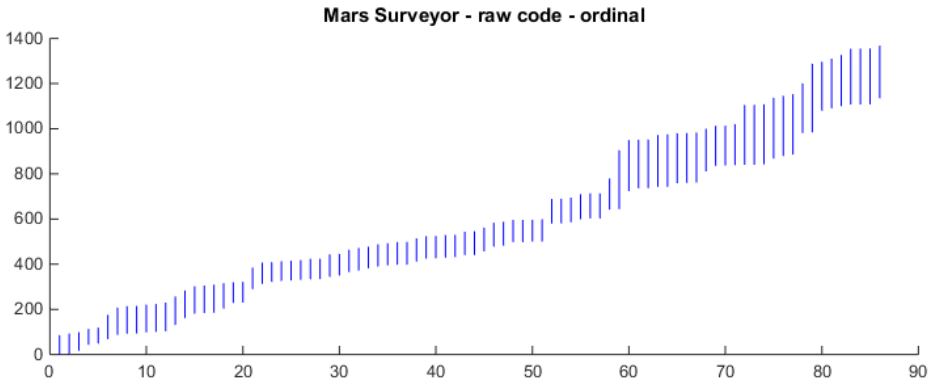
Stepcharts are used to give a qualitative understanding of the activity of the contest.

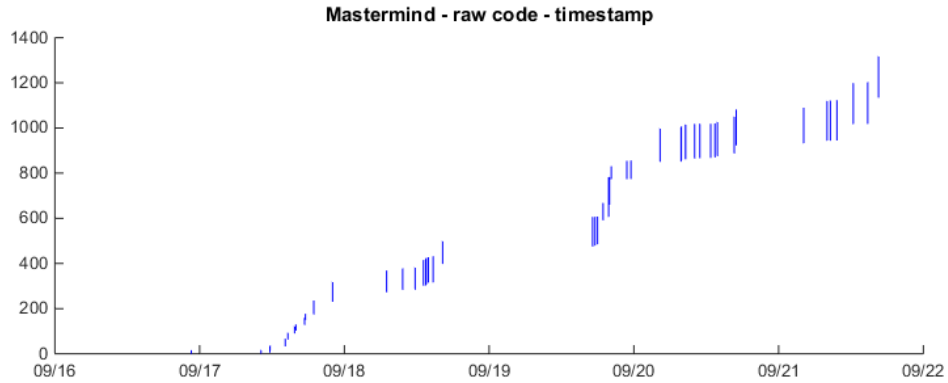
```
contestStruct = getContestMetaData;

for i = 1:length(contestStruct)
    d = getContestData(contestStruct(i).id);
    d = rankAtDebut(d);

    leaders = find([d.initial_rank]==1);
    d2 = d(leaders);
    cleanFlag = false;
    d2Out = hashFiles(d2,cleanFlag);

    % Remove any entries that failed to parse
    if isfield(d2Out,'failedToParse')
        d2Out([d2Out.failedToParse]==true) = [];
    end

    subplot(2,1,1)
    stepchart(d2Out,'timestamp')
    title([contestStruct(i).name ' - raw code - timestamp'])

    subplot(2,1,2)
    stepchart(d2Out,'ordinal')
    title([contestStruct(i).name ' - raw code - ordinal'])
    snapnow

end
```

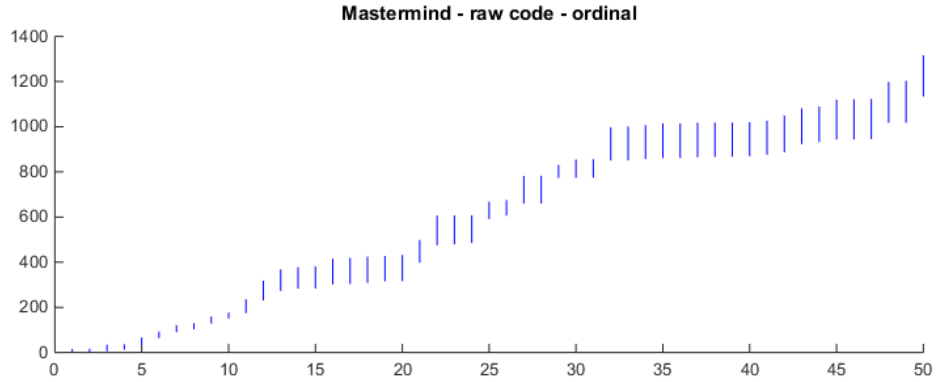

Binpack - raw code - timestamp
400
350
300
250
200
150
100
50
0
12:00 18:00 00:00 06:00 12:00 18:00 00:00 06:00 12:00 18:00 00:00 06:00 12:00 18:00 00:00 06:00 12:00 18:00

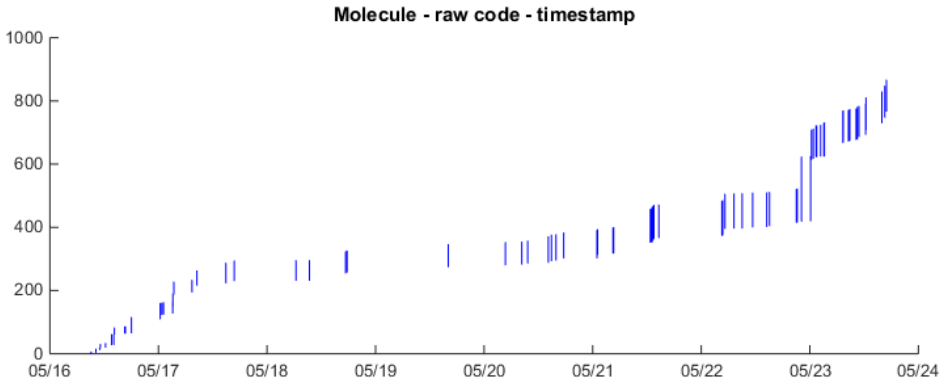

Binpack - raw code - ordinal
400
350
300
250
200
150
100
50
0
0 10 20 30 40 50 60 70

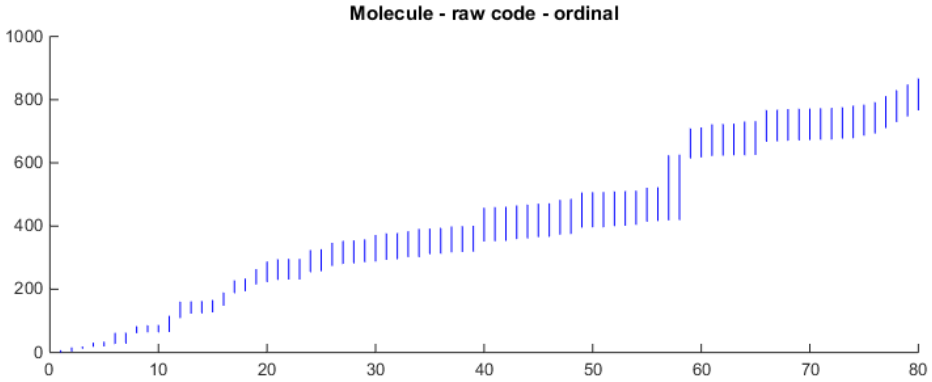

Mars Surveyor - raw code - timestamp
1400
1200
1000
800
600
400
200
0
06/07
06/08
06/09
06/10
06/11
06/12
06/13
06/14
06/15
06/16
06/17
06/18
06/19

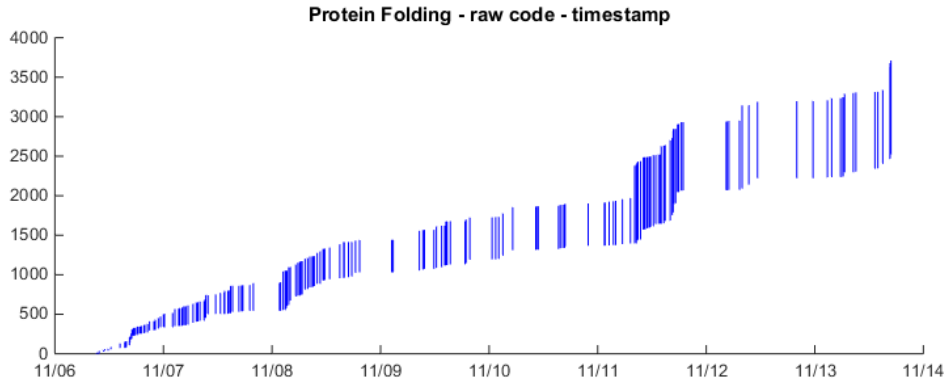

Mars Surveyor - raw code - ordinal
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
70
80
90

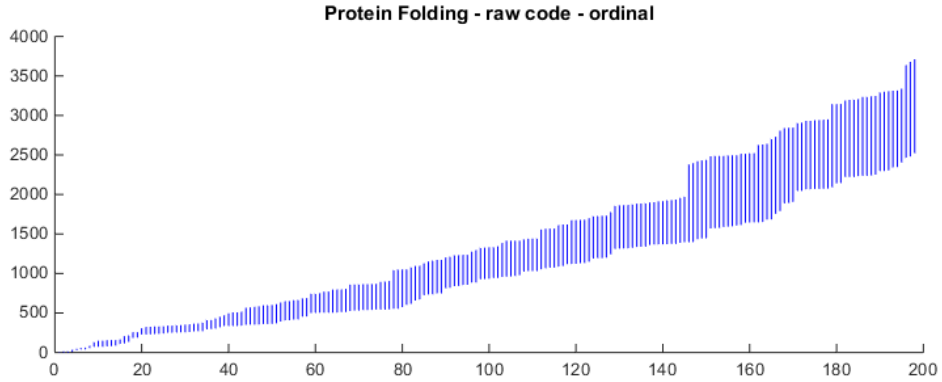

Mastermind - raw code - timestamp
1400
1200
1000
800
600
400
200
0
09/16
09/17
09/18
09/19
09/20
09/21
09/22

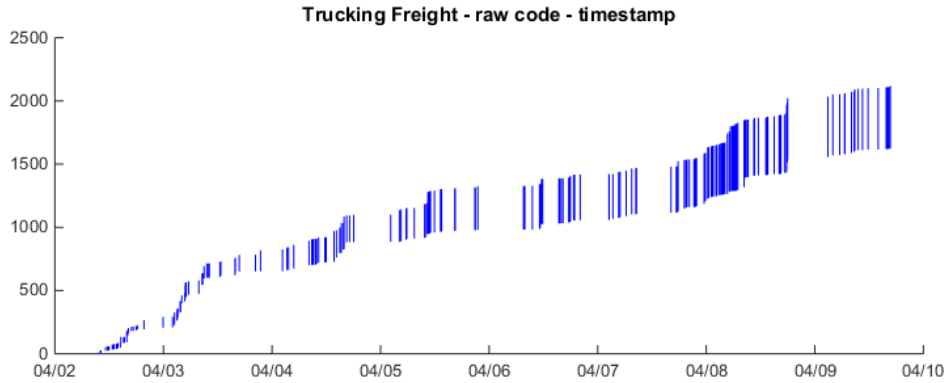

Mastermind - raw code - ordinal
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
40
45
50

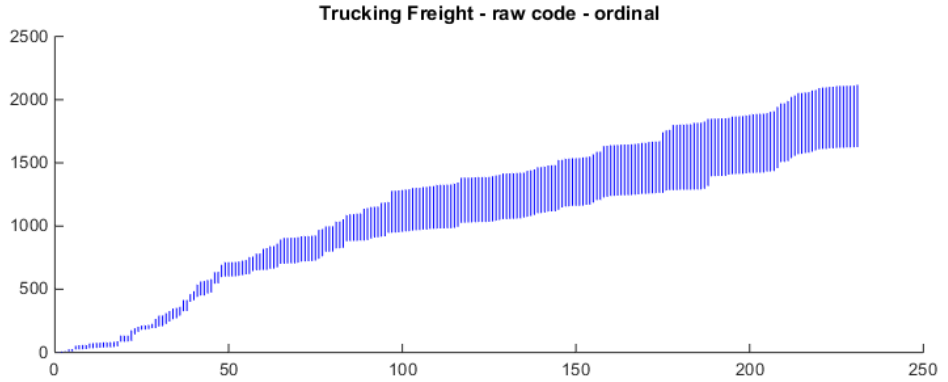

Molecule - raw code - timestamp
1000
800
600
400
200
0
05/16
05/17
05/18
05/19
05/20
05/21
05/22
05/23
05/24

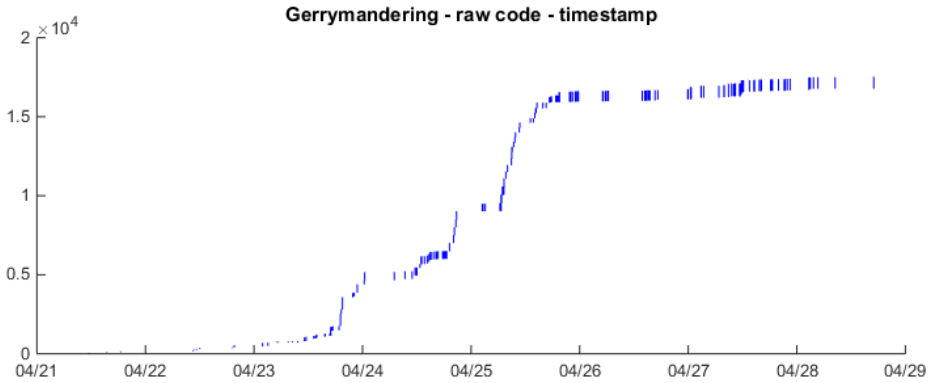

Molecule - raw code - ordinal
1000
800
600
400
200
0
0
10
20
30
40
50
60
70
80

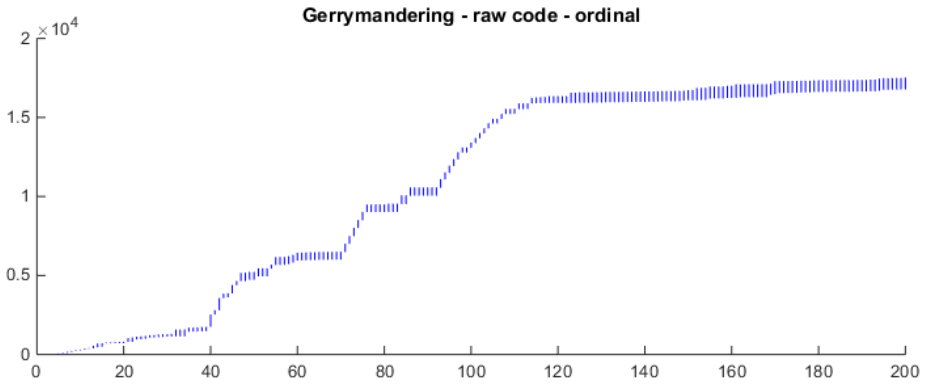

Protein Folding - raw code - timestamp
4000
3500
3000
2500
2000
1500
1000
500
0
11/06
11/07
11/08
11/09
11/10
11/11
11/12
11/13
11/14

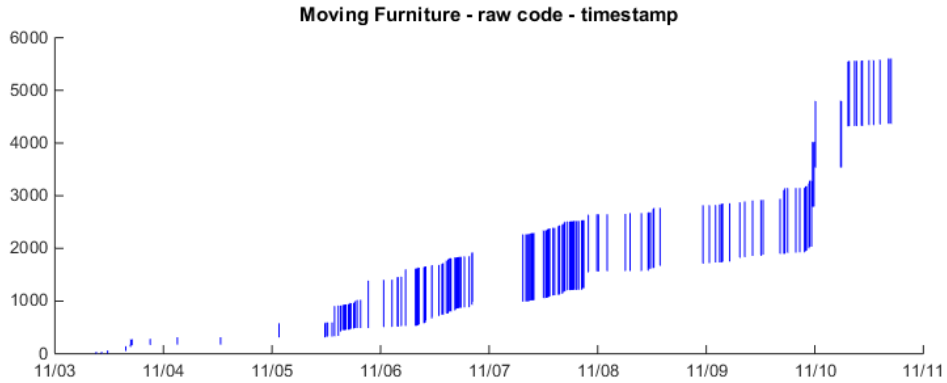

Protein Folding - raw code - ordinal
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
140
160
180
200

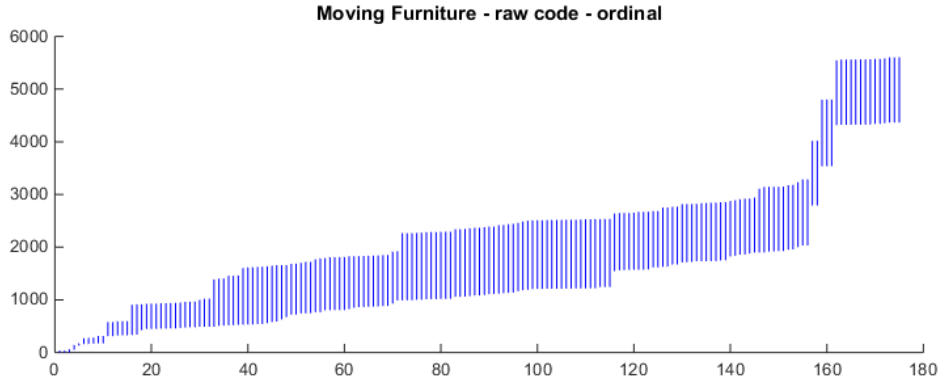

Trucking Freight - raw code - timestamp
2500
2000
1500
1000
500
0
04/02
04/03
04/04
04/05
04/06
04/07
04/08
04/09
04/10

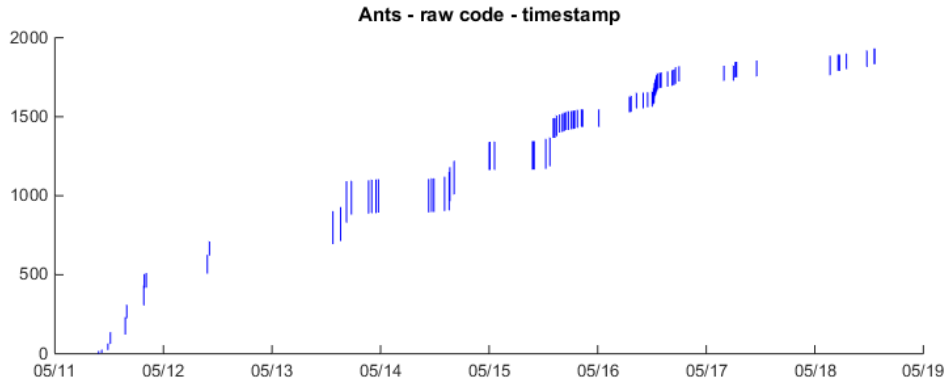

Trucking Freight - raw code - ordinal
2500
2000
1500
1000
500
0
0
50
100
150
200
250

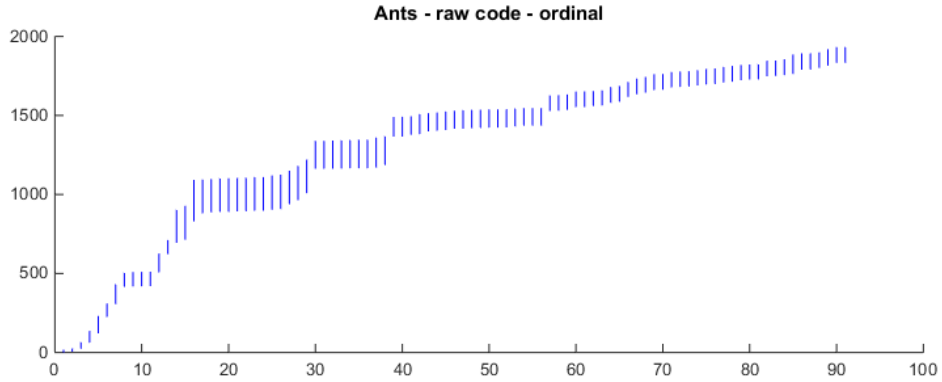

Gerrymandering - raw code - timestamp
×10^4
2
1.5
1
0.5
0
04/21
04/22
04/23
04/24
04/25
04/26
04/27
04/28
04/29

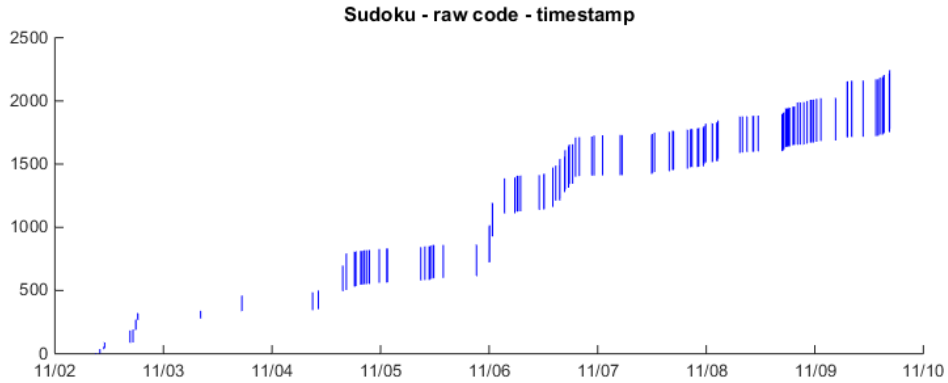

Gerrymandering - raw code - ordinal
×10^4
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
180
200

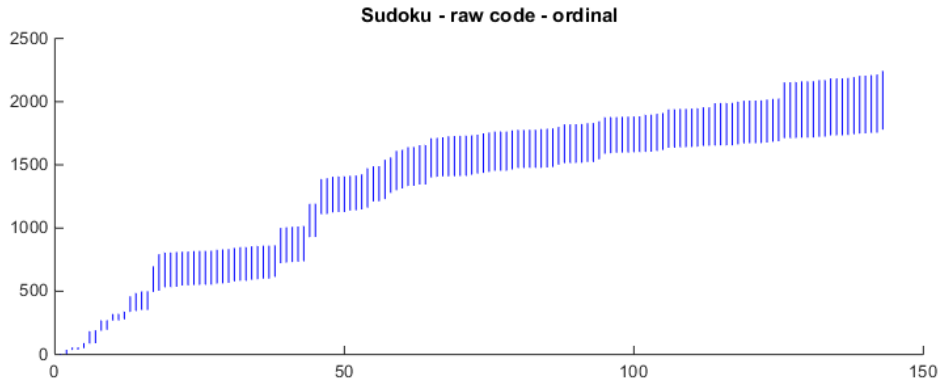

Moving Furniture - raw code - timestamp
6000
5000
4000
3000
2000
1000
0
11/03
11/04
11/05
11/06
11/07
11/08
11/09
11/10
11/11

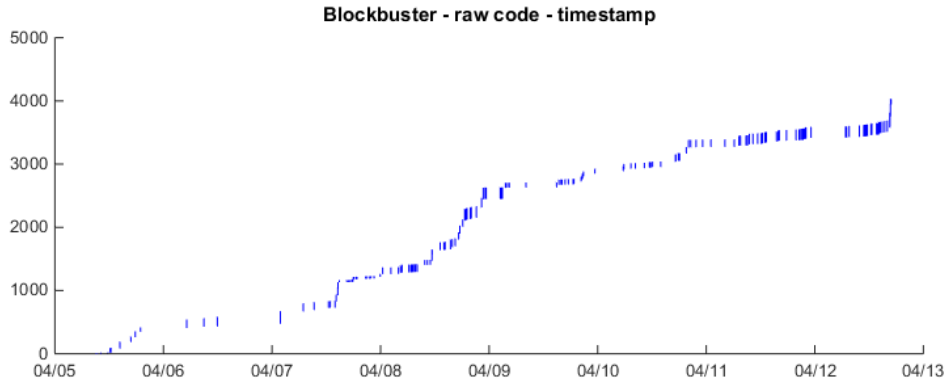

Moving Furniture - raw code - ordinal
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
120
140
160
180

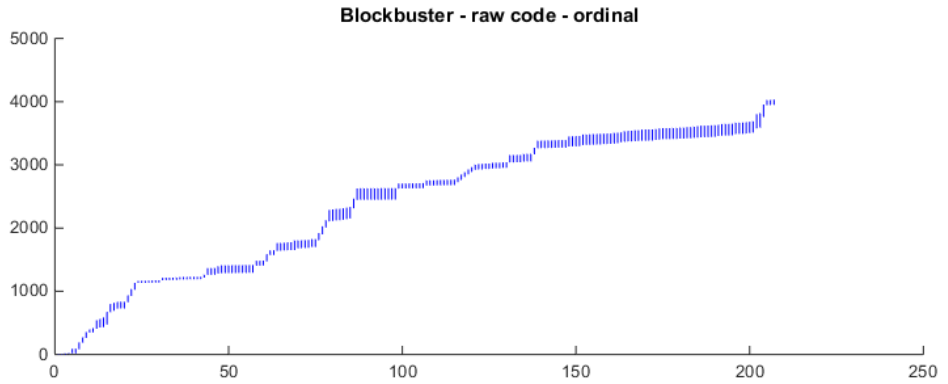

Ants - raw code - timestamp
2000
1500
1000
500
0
05/11
05/12
05/13
05/14
05/15
05/16
05/17
05/18
05/19

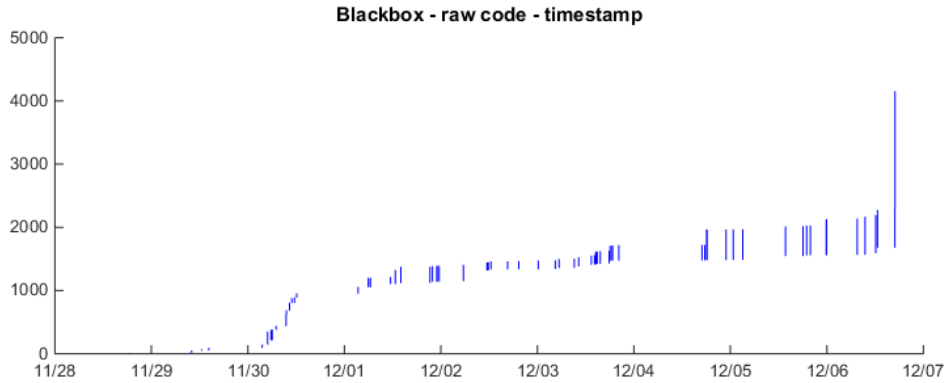

Ants - raw code - ordinal
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
80
90
100

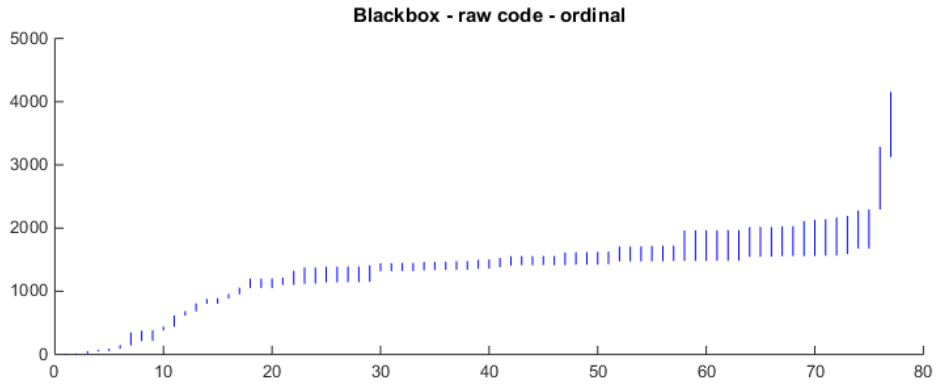

Sudoku - raw code - timestamp
2500
2000
1500
1000
500
0
11/02
11/03
11/04
11/05
11/06
11/07
11/08
11/09
11/10

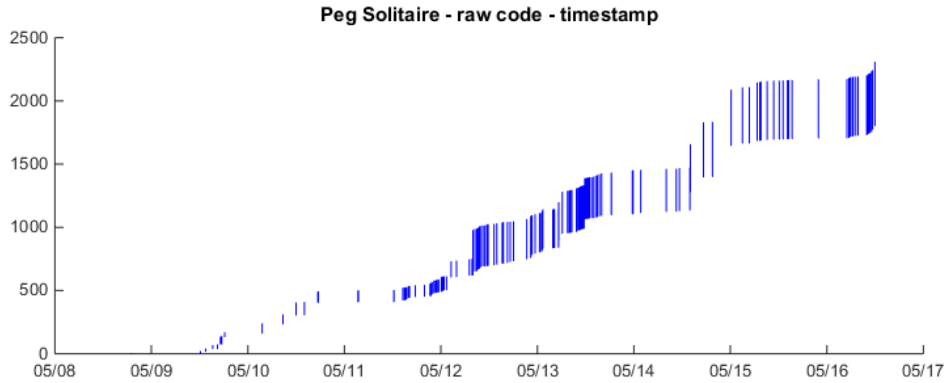

Sudoku - raw code - ordinal
2500
2000
1500
1000
500
0
0
50
100
150

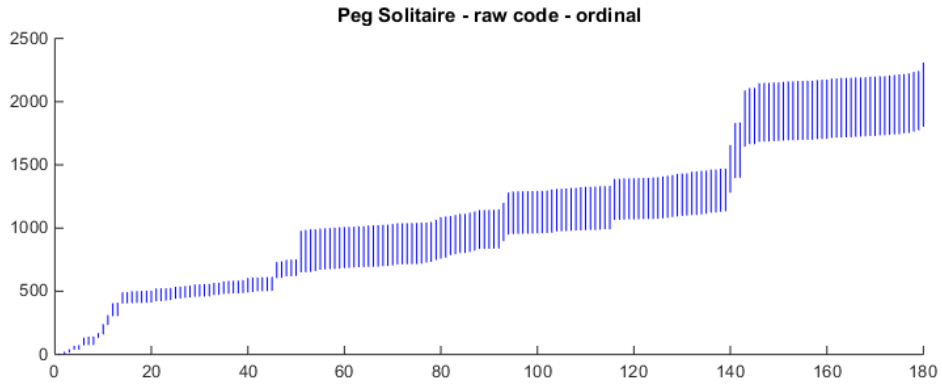

Blockbuster - raw code - timestamp
5000
4000
3000
2000
1000
0
04/05
04/06
04/07
04/08
04/09
04/10
04/11
04/12
04/13

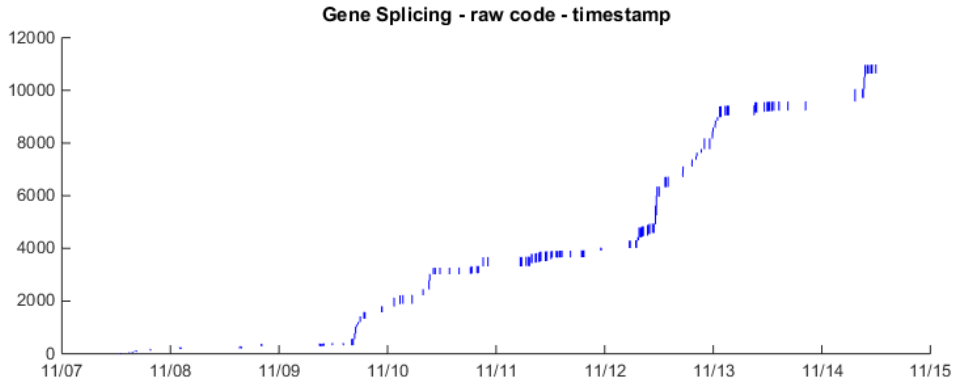

Blockbuster - raw code - ordinal
5000
4000
3000
2000
1000
0
0
50
100
150
200
250


Blackbox - raw code - timestamp
5000
4000
3000
2000
1000
0
11/28
11/29
11/30
12/01
12/02
12/03
12/04
12/05
12/06
12/07


Blackbox - raw code - ordinal
5000
4000
3000
2000
1000
0
0
10
20
30
40
50
60
70
80


Peg Solitaire - raw code - timestamp
2500
2000
1500
1000
500
0
05/08
05/09
05/10
05/11
05/12
05/13
05/14
05/15
05/16
05/17


Peg Solitaire - raw code - ordinal
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
140
160
180


Gene Splicing - raw code - timestamp
12000
10000
8000
6000
4000
2000
0
11/07
11/08
11/09
11/10
11/11
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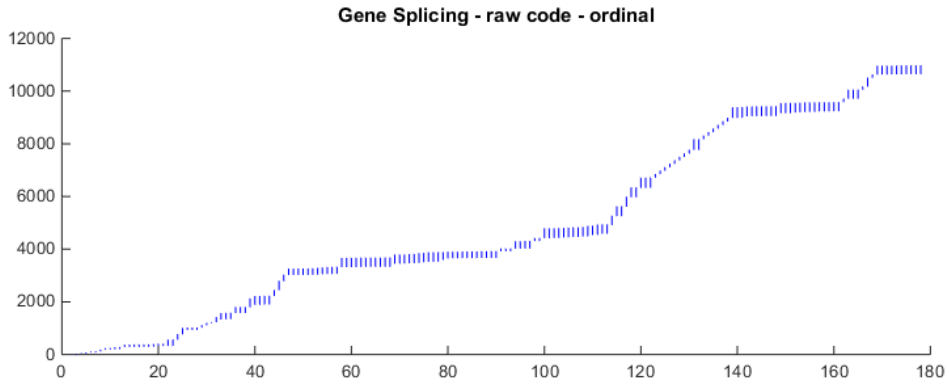
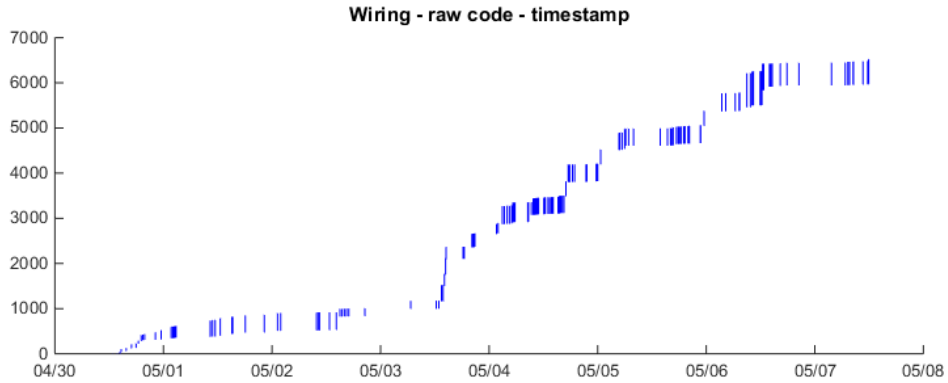
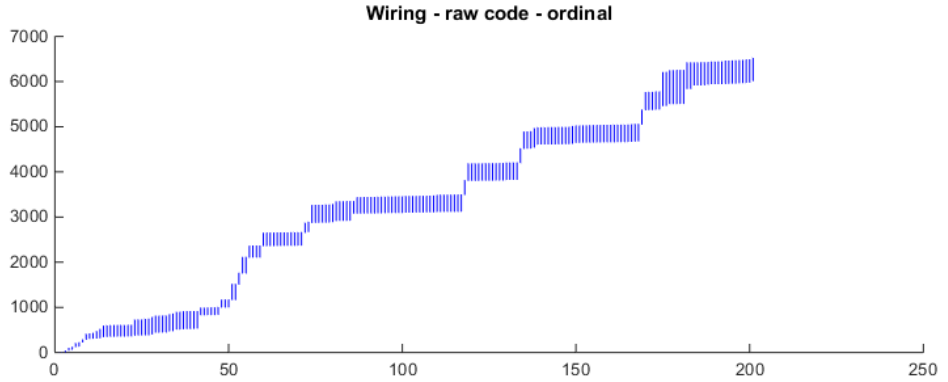
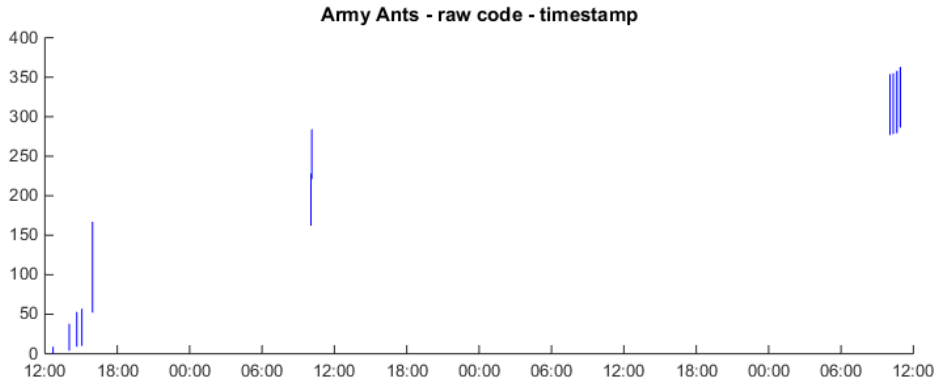
11/13
11/14
11/15


Gene Splicing - raw code - ordinal
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180


Wiring - raw code - timestamp
7000
6000
5000
4000
3000
2000
1000
0
04/30
05/01
05/02
05/03
05/04
05/05
05/06
05/07
05/08


Wiring - raw code - ordinal
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
250


Army Ants - raw code - timestamp
400
350
300
250
200
150
100
50
0
12:00
18:00
00:00
06:00
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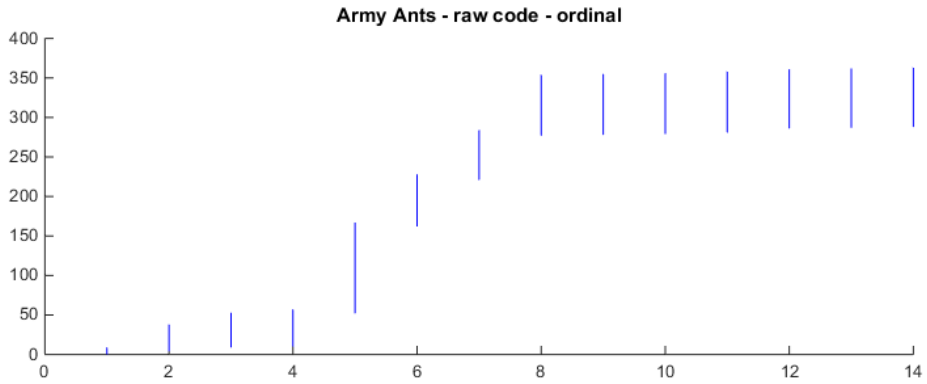
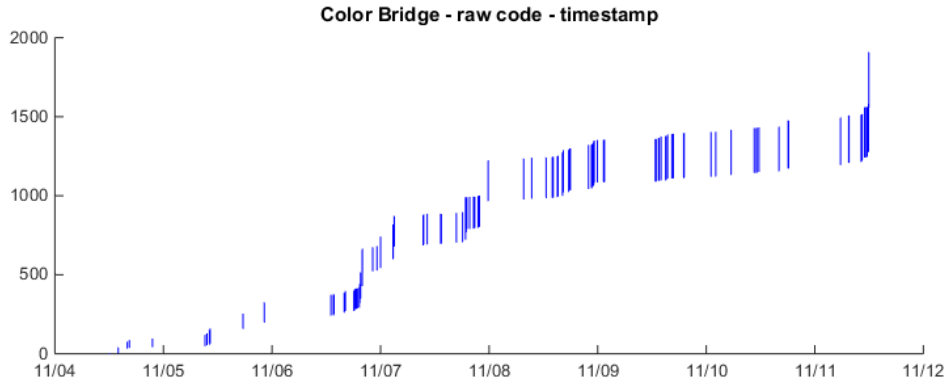
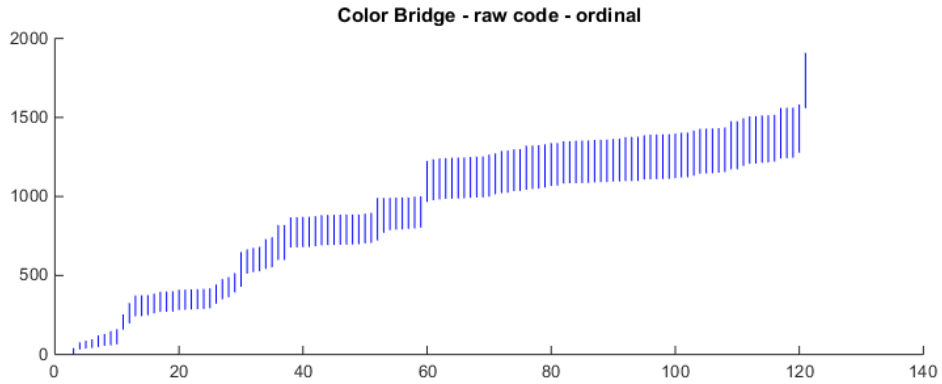
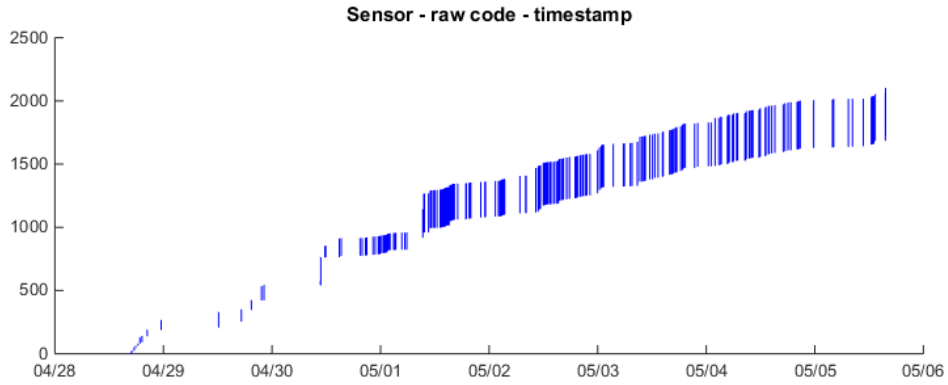
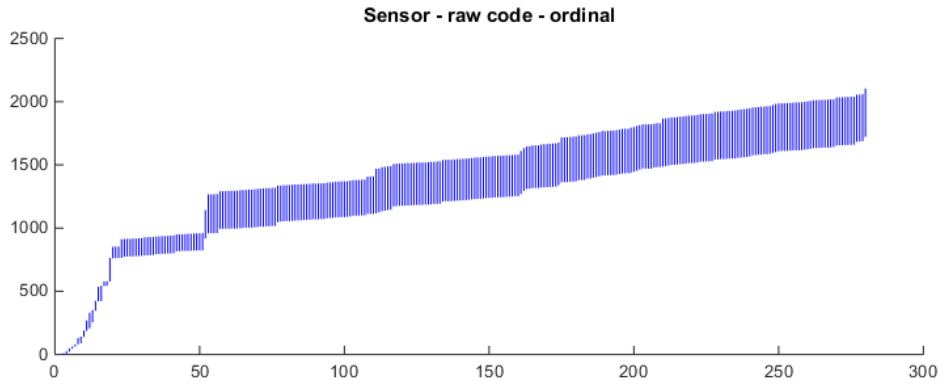
06:00
12:00
18:00
00:00
06:00
12:00

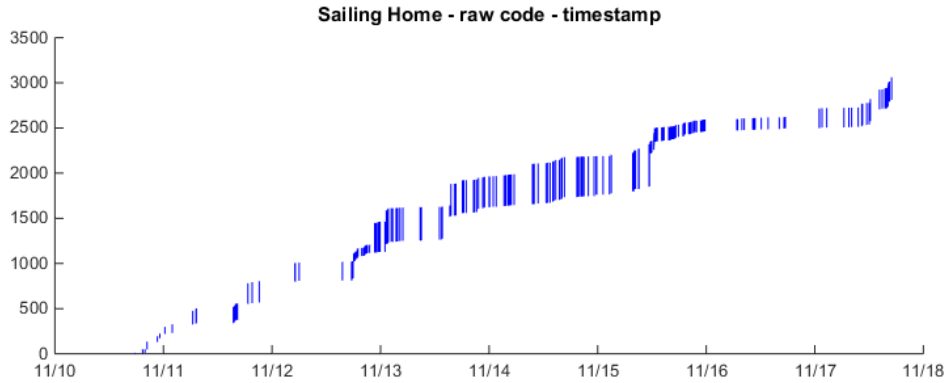

Army Ants - raw code - ordinal
400
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14

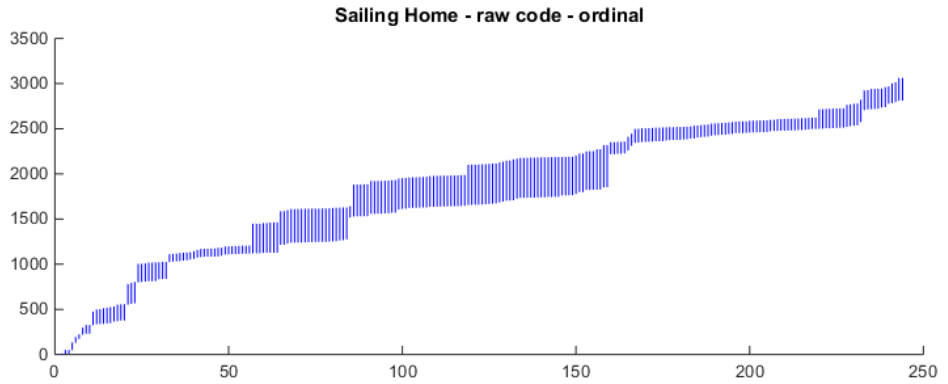

Color Bridge - raw code - timestamp
2000
1500
1000
500
0
11/04
11/05
11/06
11/07
11/08
11/09
11/10
11/11
11/12


Color Bridge - raw code - ordinal
2000
1500
1000
500
0
0
20
40
60
80
100
120
140


Sensor - raw code - timestamp
2500
2000
1500
1000
500
0
04/28
04/29
04/30
05/01
05/02
05/03
05/04
05/05
05/06


Sensor - raw code - ordinal
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300


Sailing Home - raw code - timestamp
3500
3000
2500
2000
1500
1000
500
0
11/10
11/11
11/12
11/13
11/14
11/15
11/16
11/17
11/18


Sailing Home - raw code - ordinal
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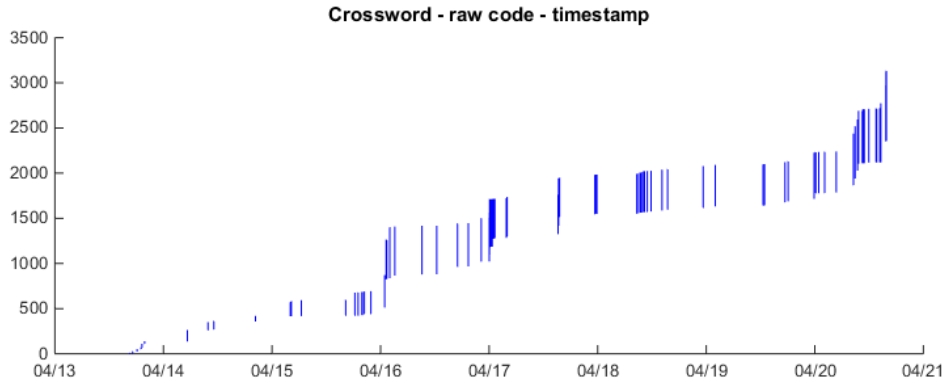
100
150
200
250


Crossword - raw code - timestamp
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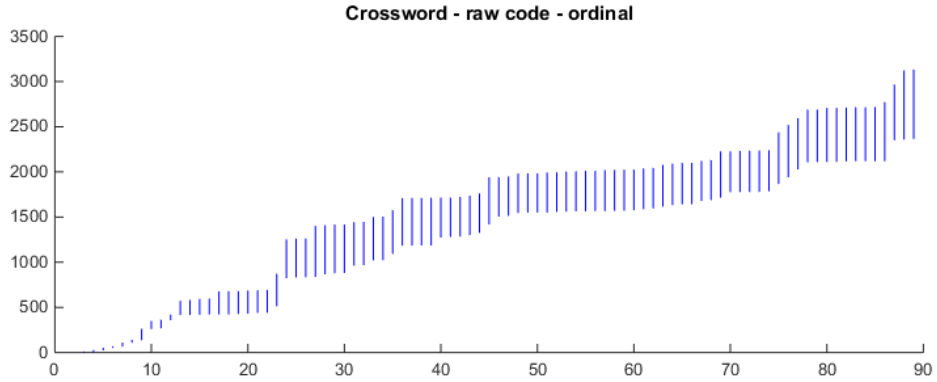
04/15
04/16
04/17
04/18
04/19
04/20
04/21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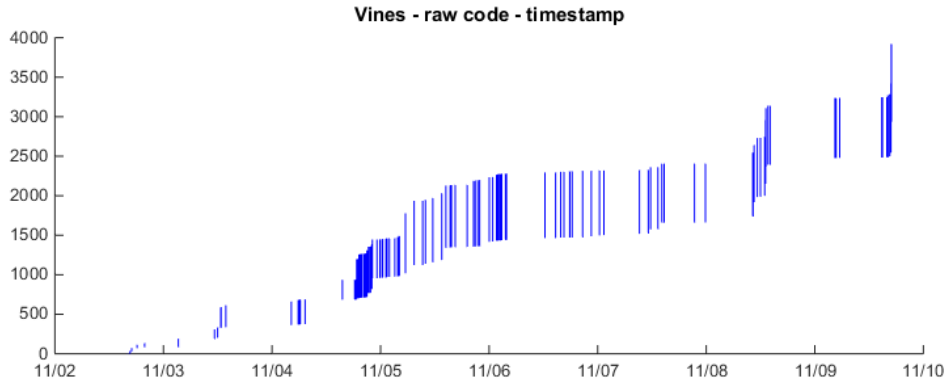
90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11/04
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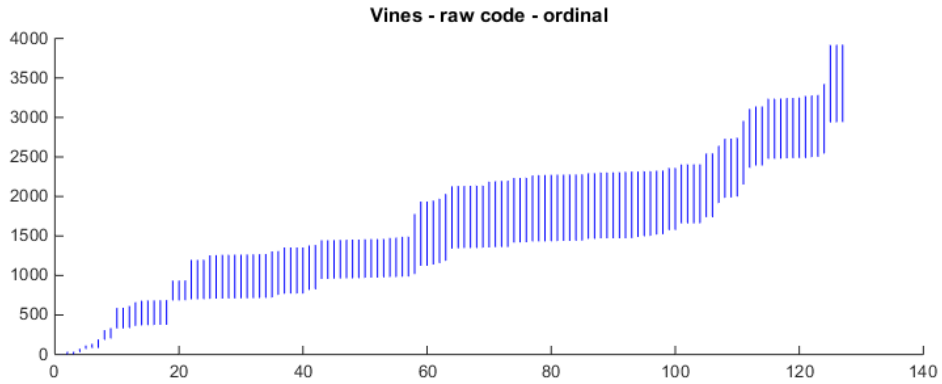
11/07
11/08
11/09
11/10


Vines - raw code - ordinal
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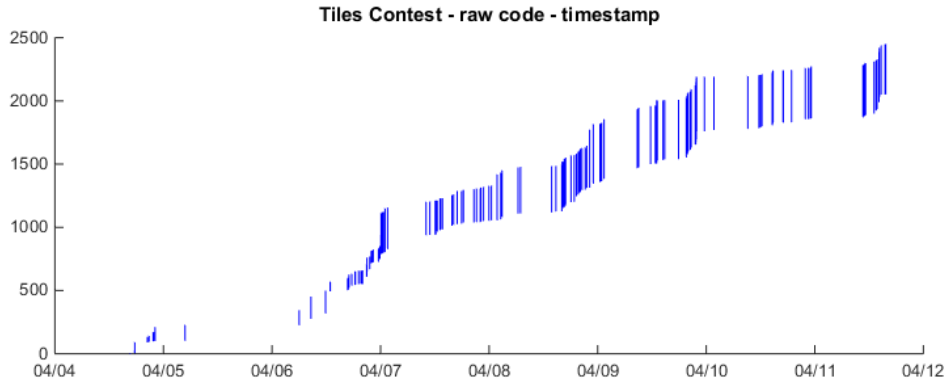
Tiles Contest - raw code - timestamp
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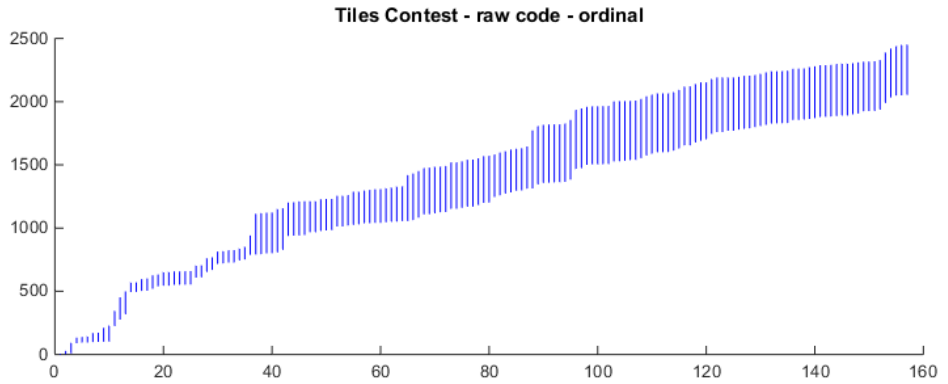
04/08
04/09
04/10
04/11
04/12


Tiles Contest - raw code - ordinal
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60
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100
120
140
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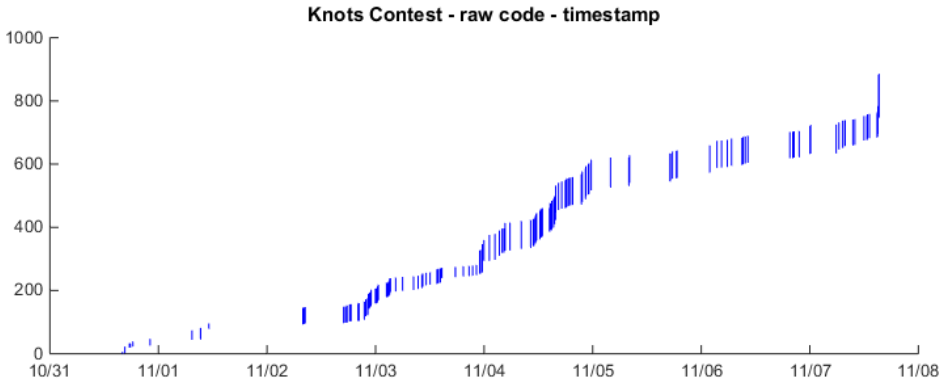

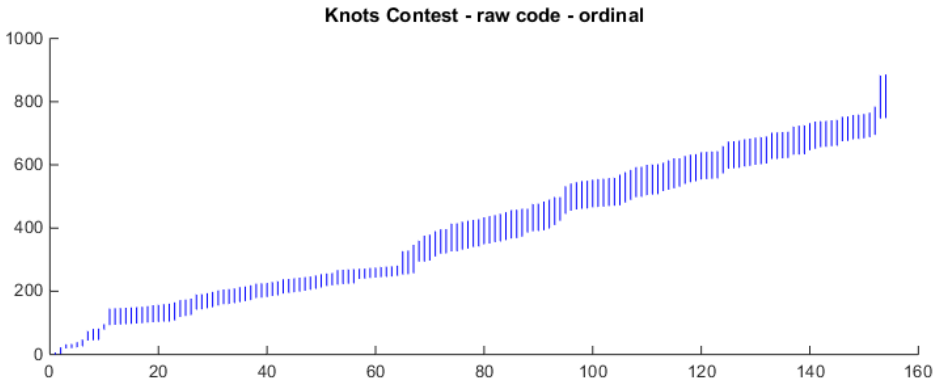

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