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# 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);

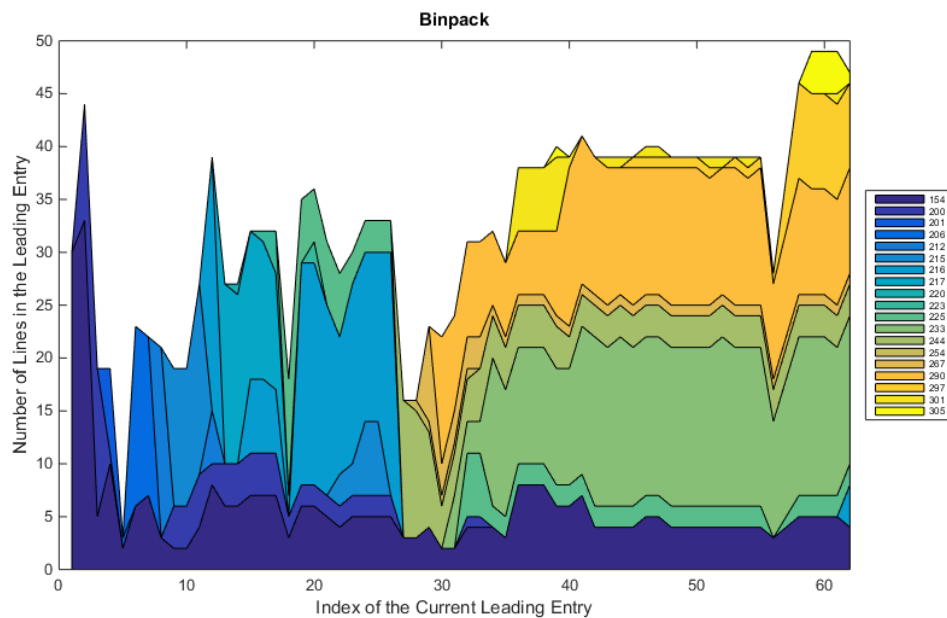
    a = authorSharePlot(d3,firstTimeIndexList);

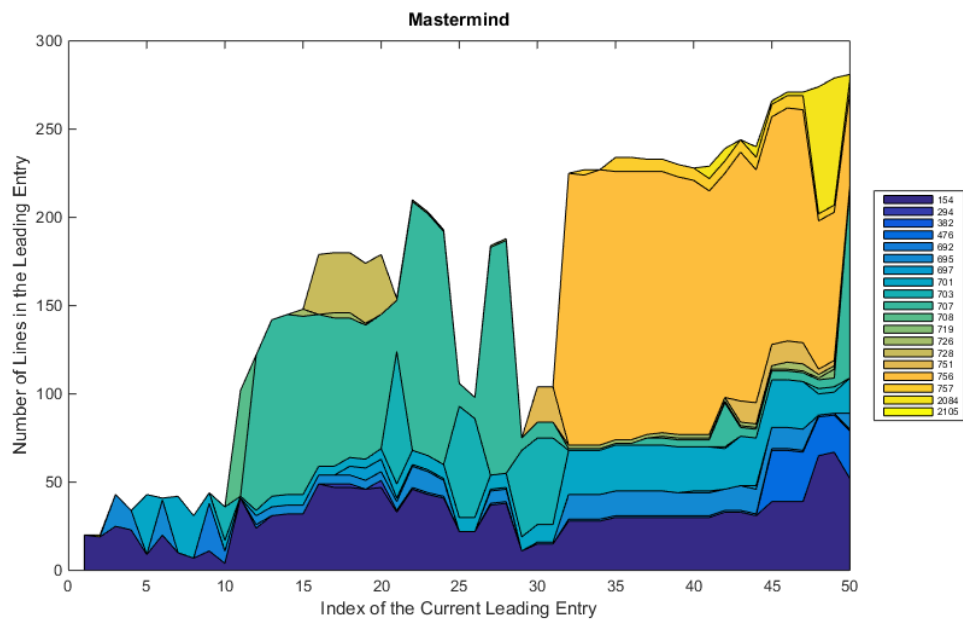
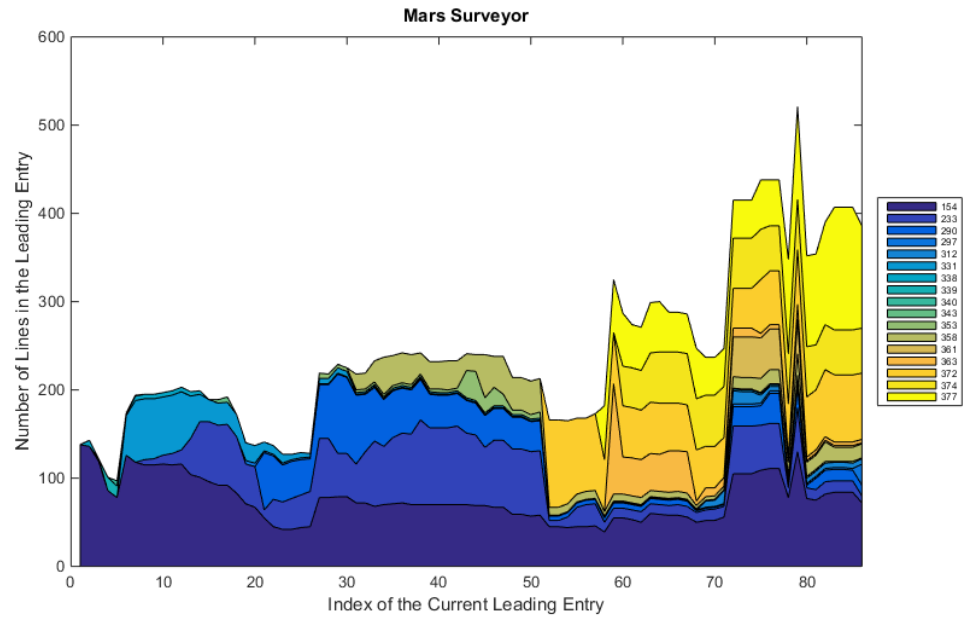
    title(contestStruct(i).name)

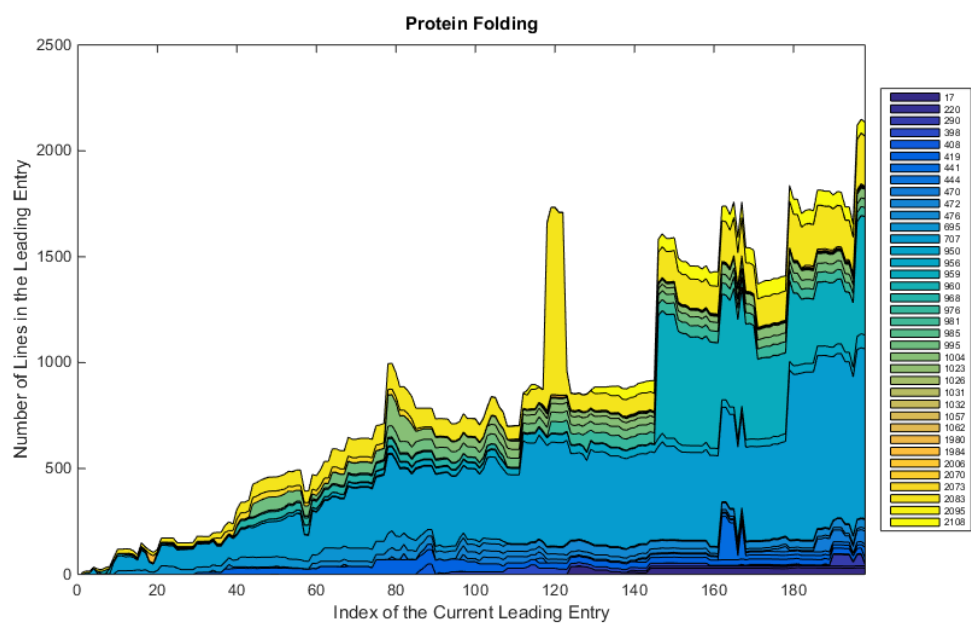
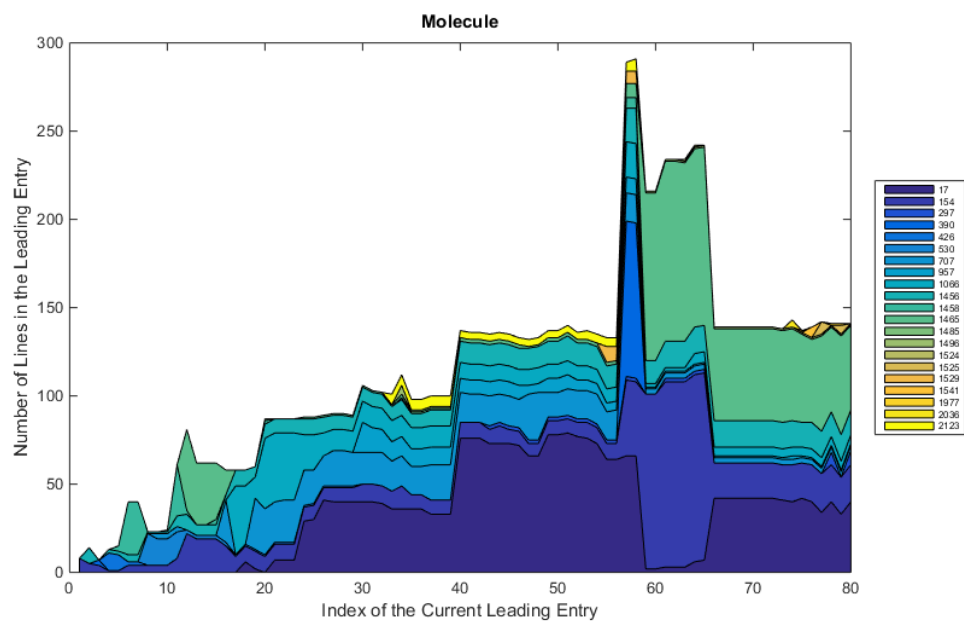
    snapnow

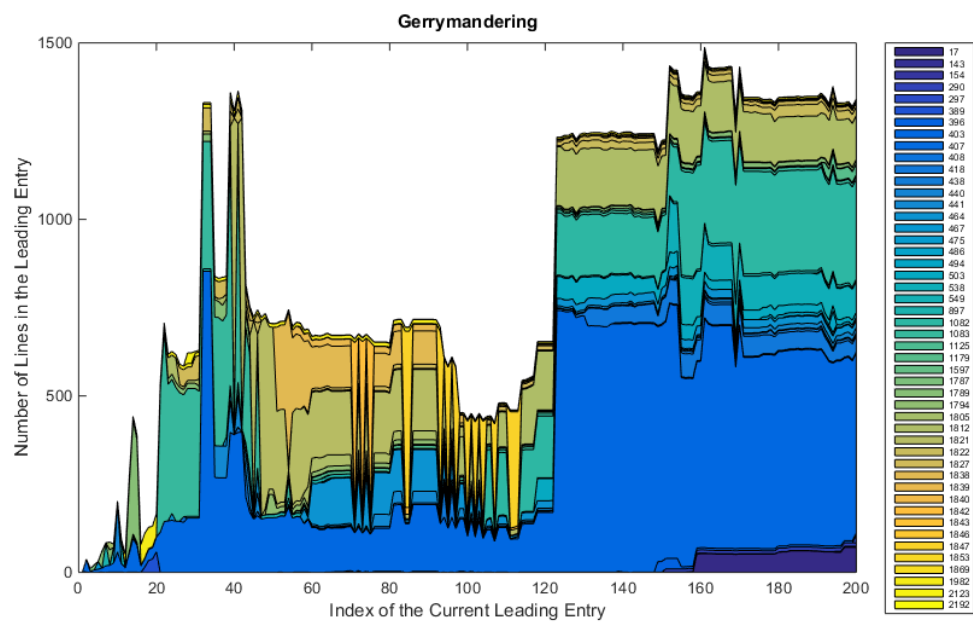
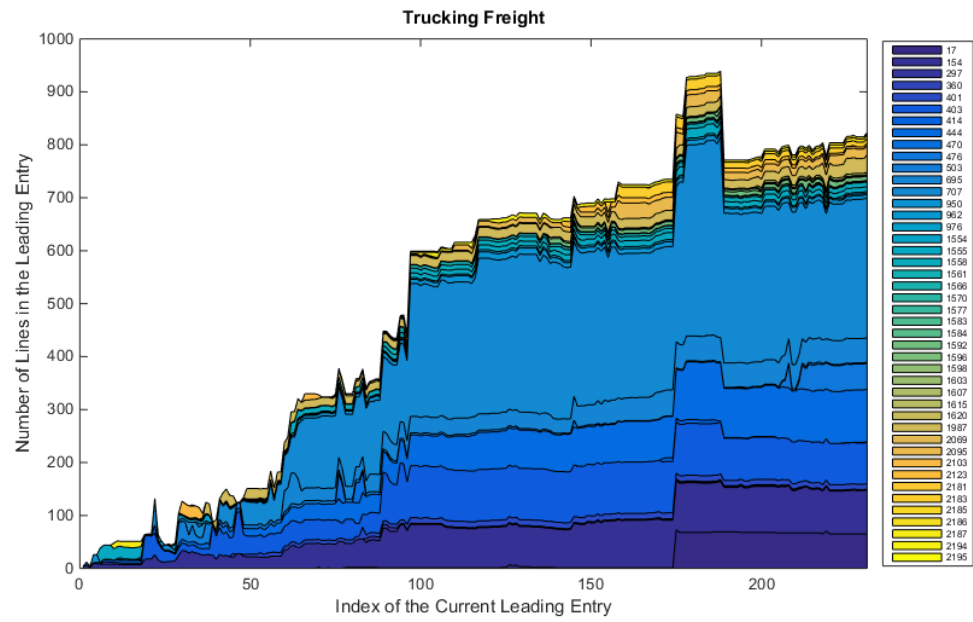
end
```

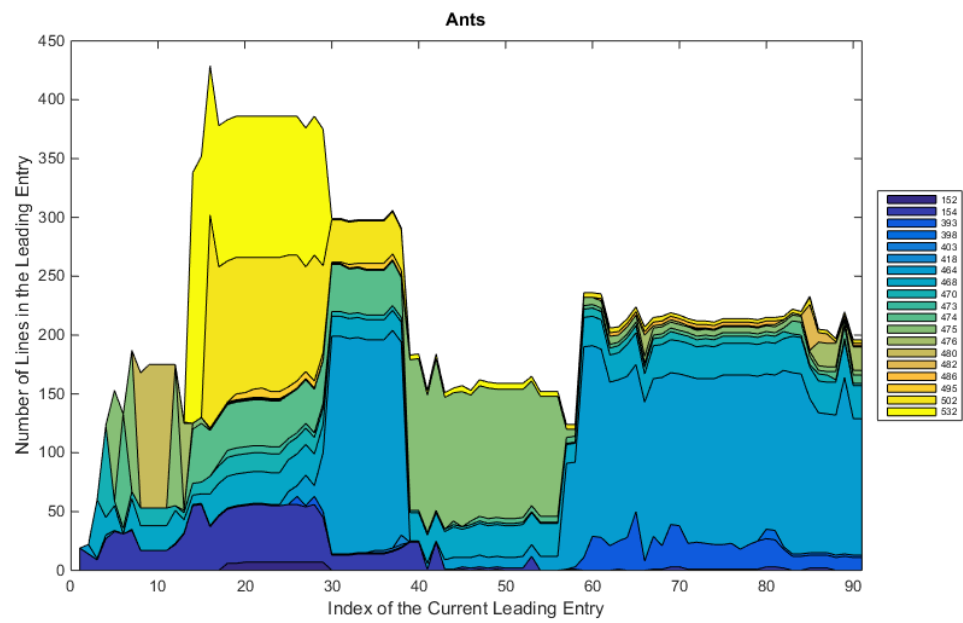
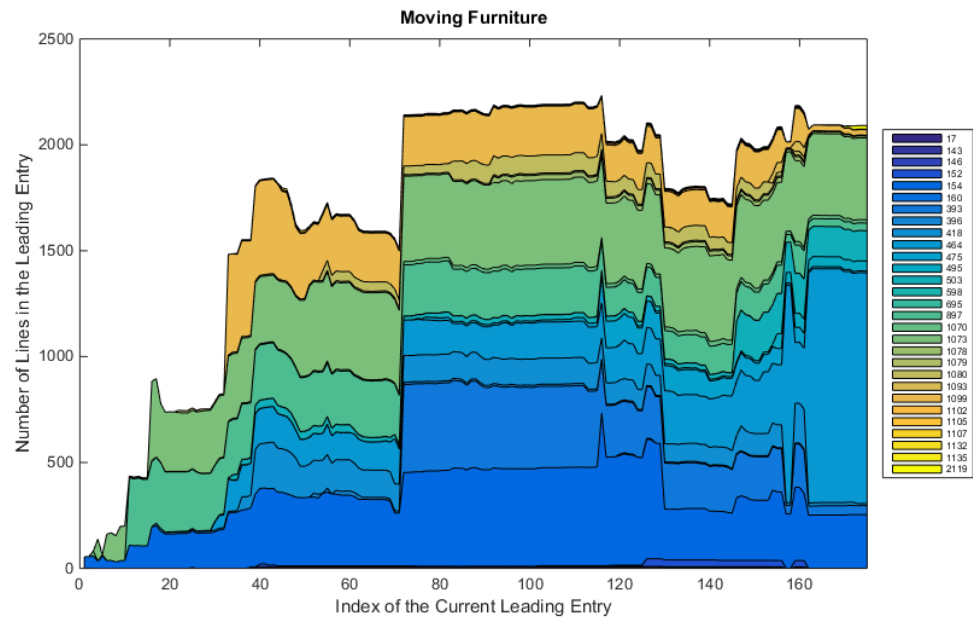
*Published from file author\_share on 03-Feb-2014*

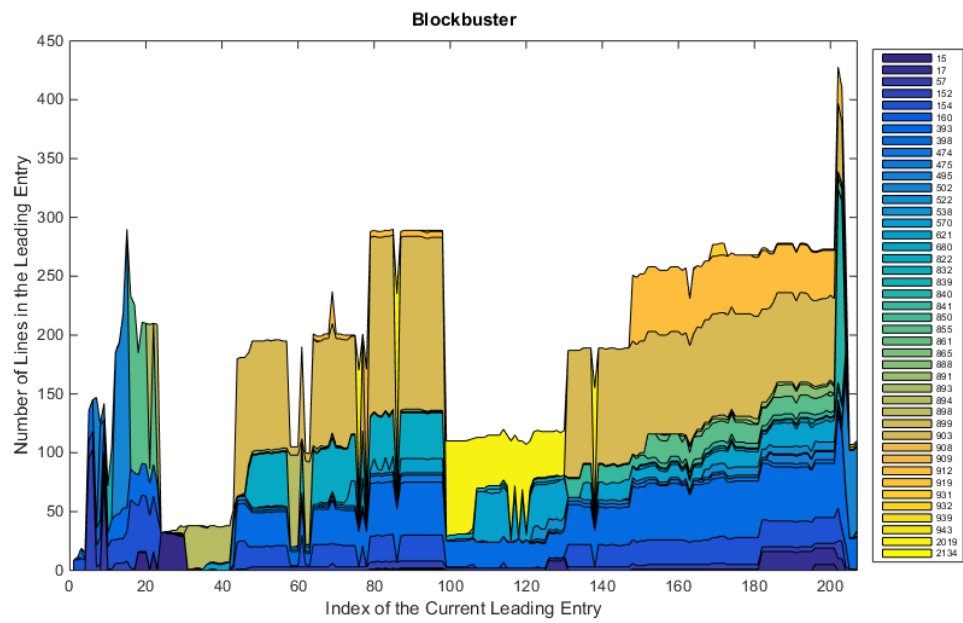
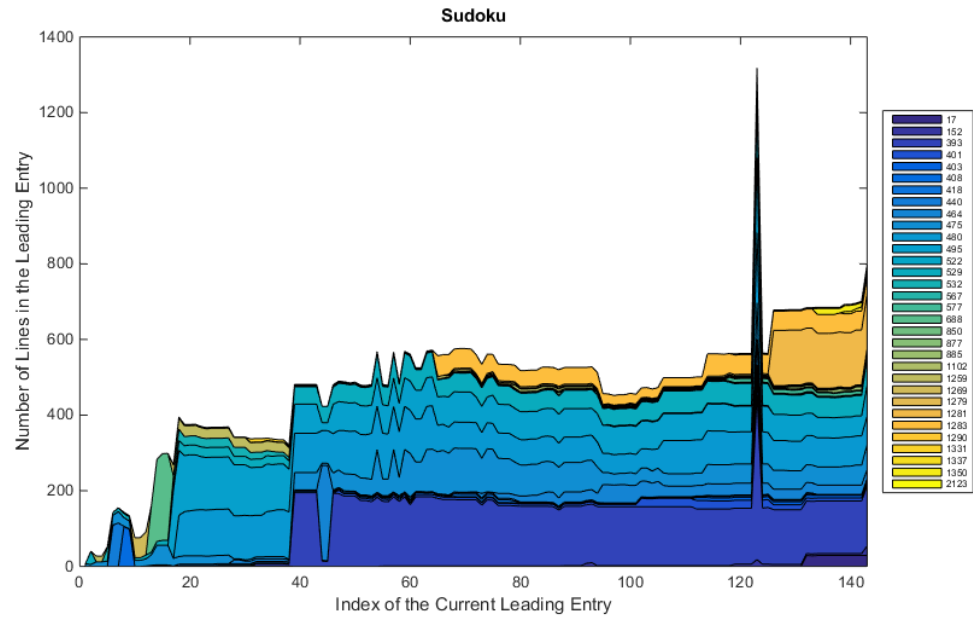


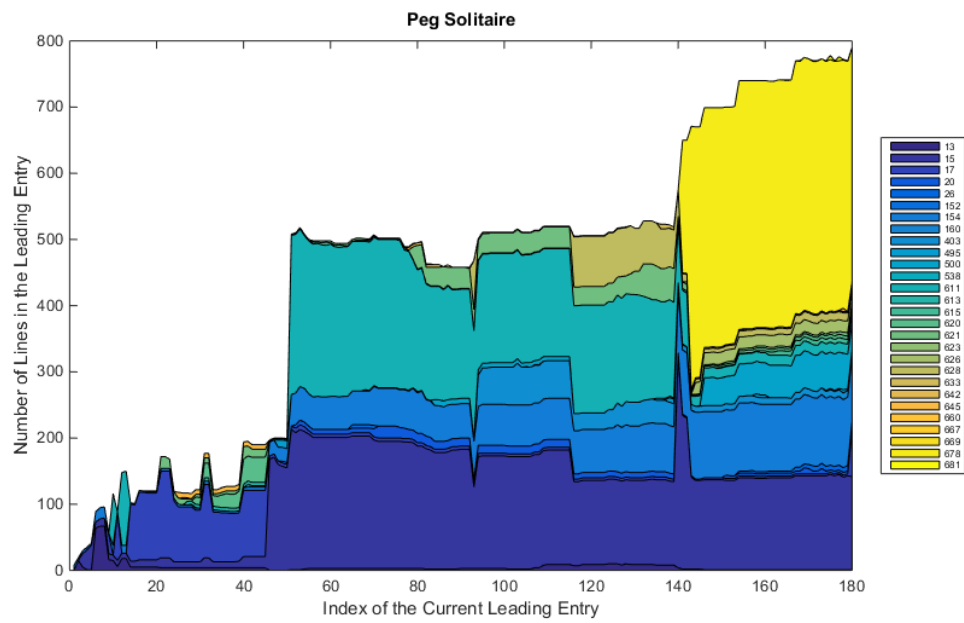
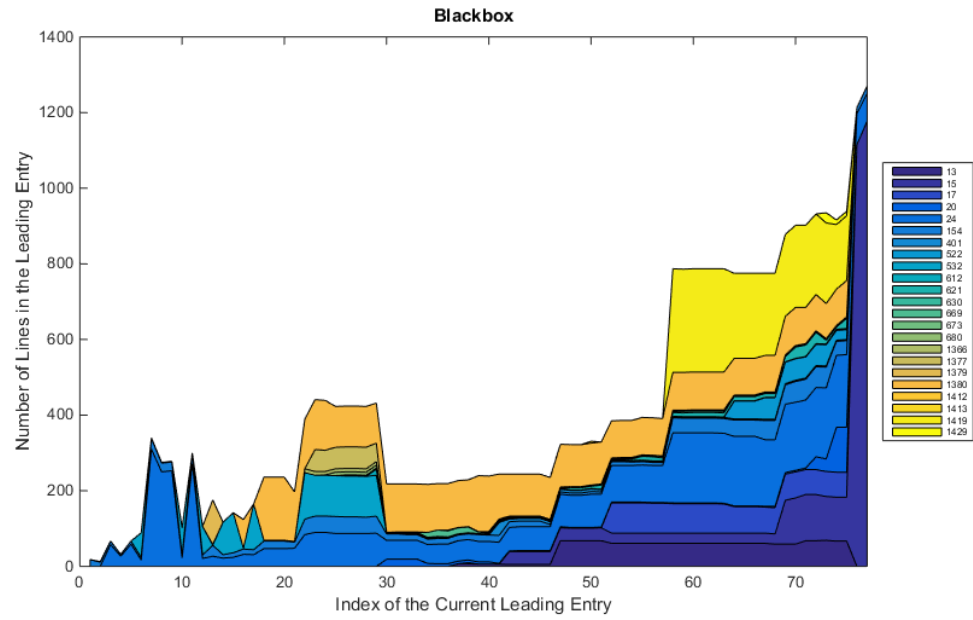


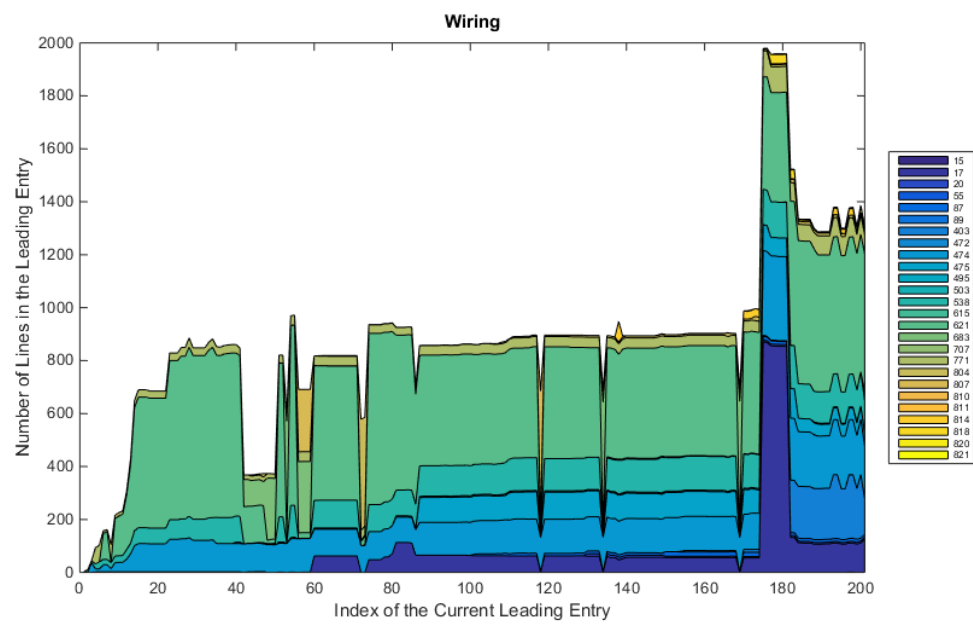
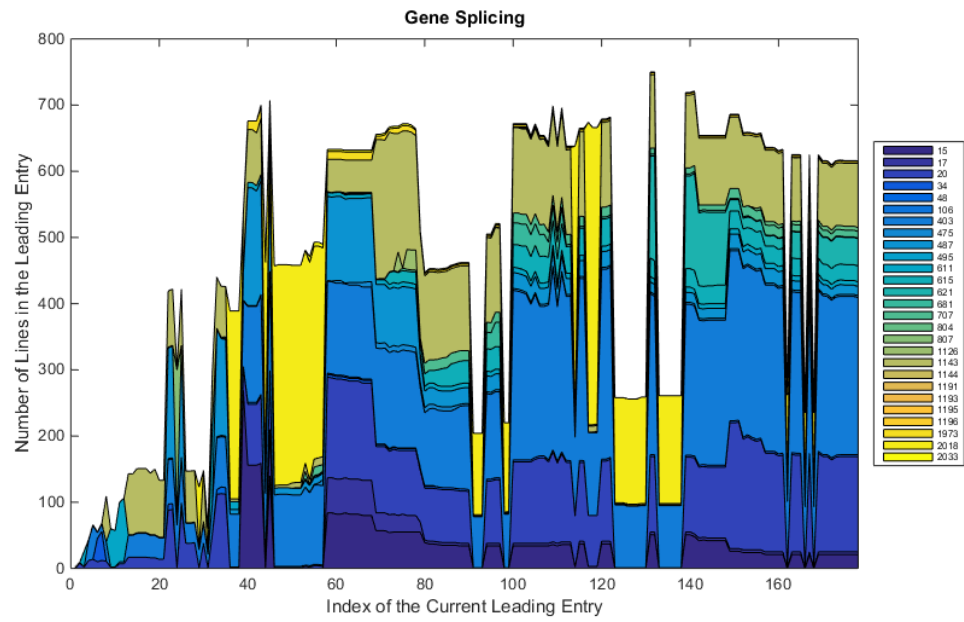




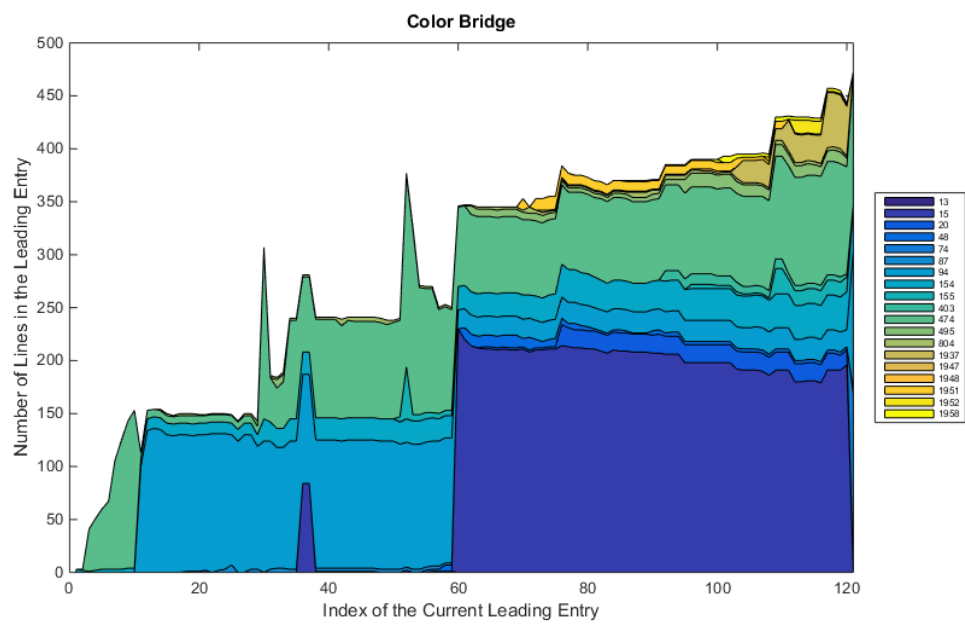
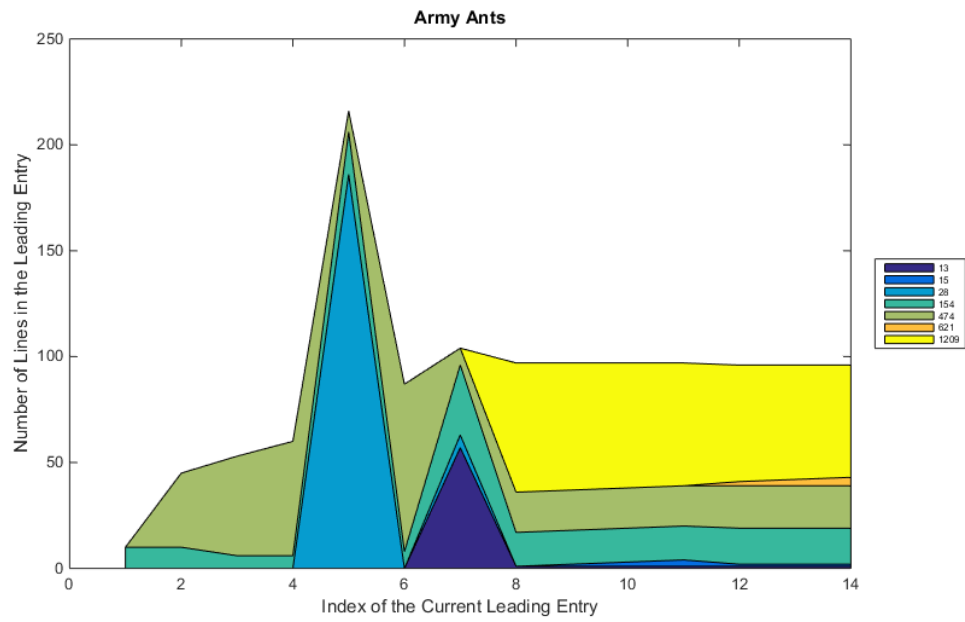


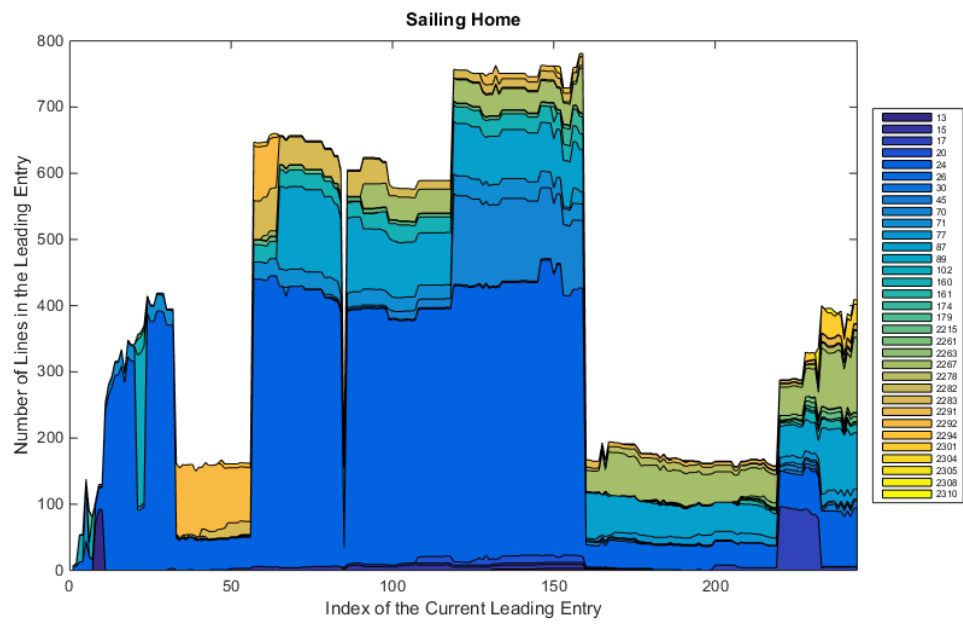
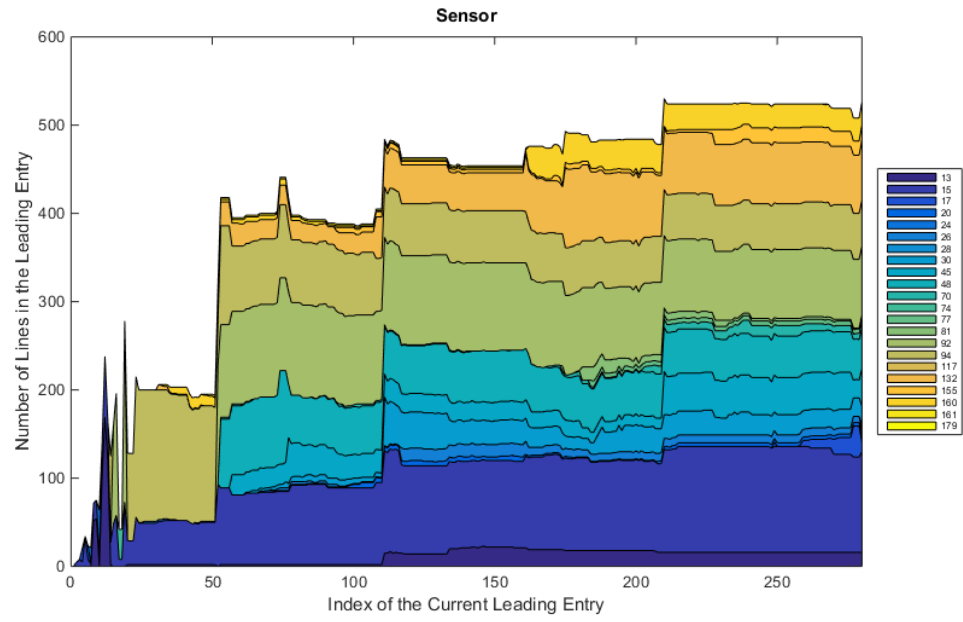


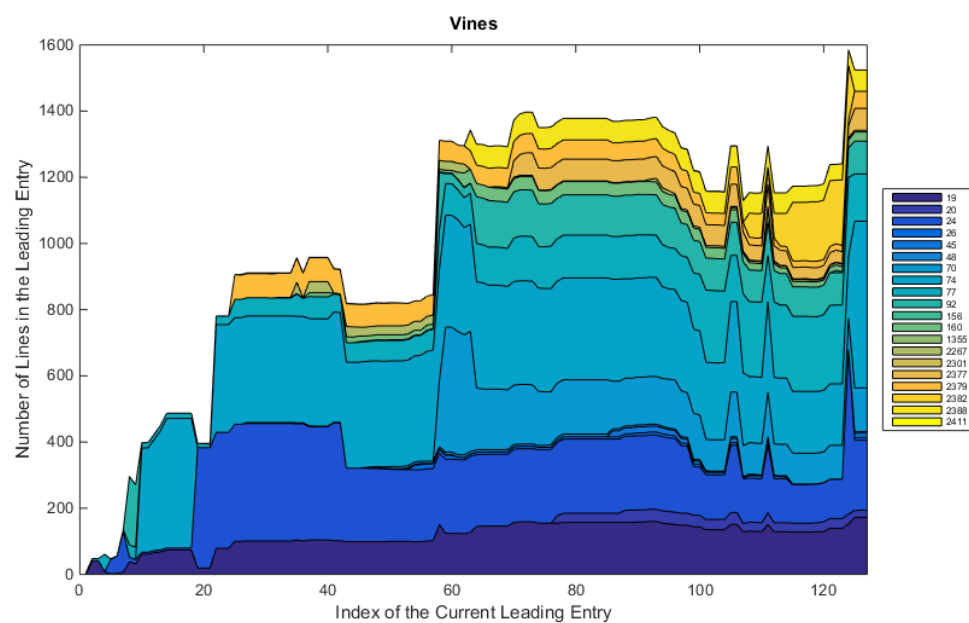
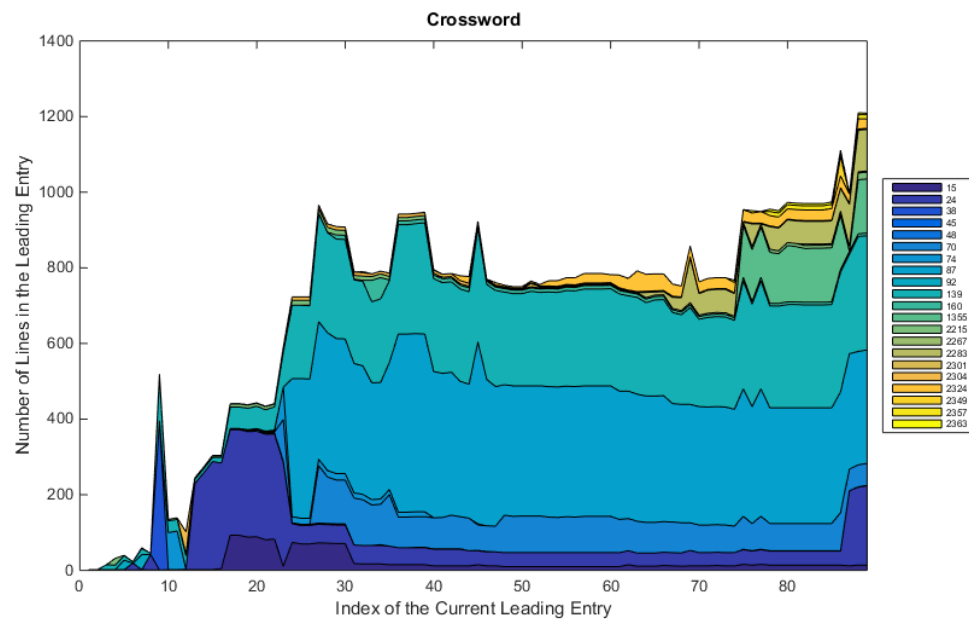


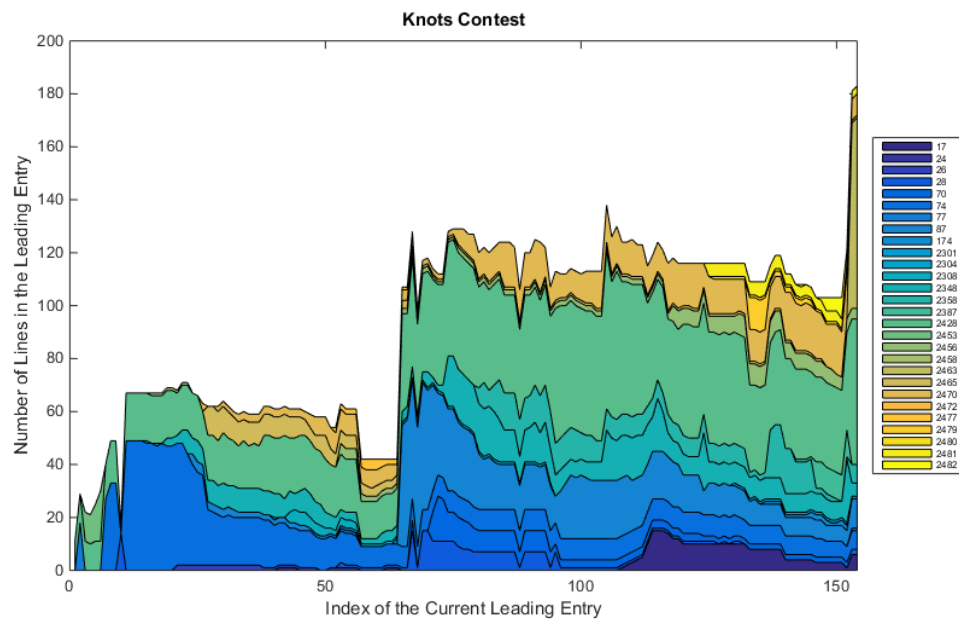
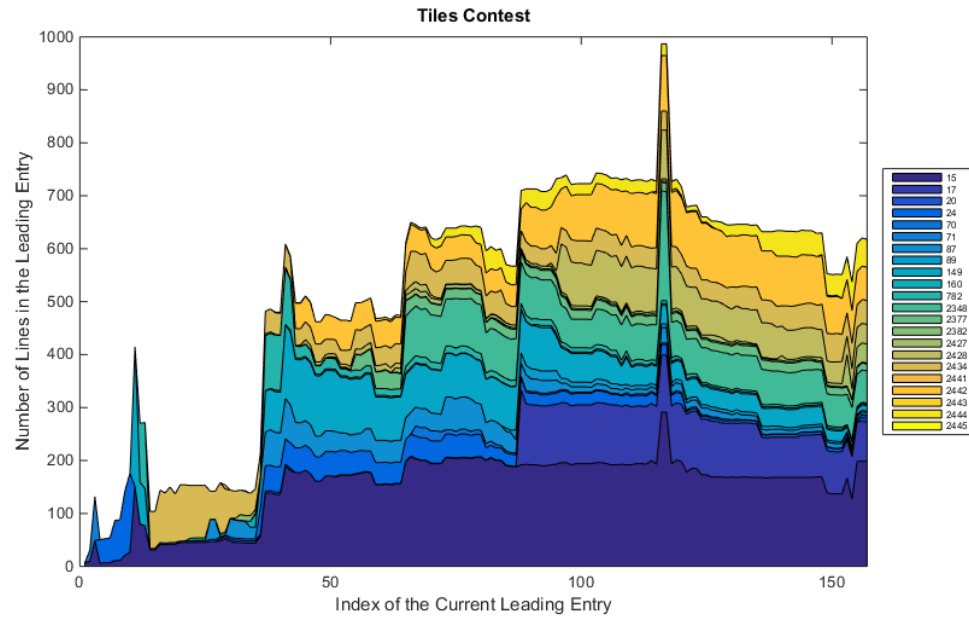












*Published with MATLAB® R2014b*