MappGraph Results On BOA Data

Test classes distribution. (class, test size, all).

1. dropbox\_chrome\_Windows 1 5
2. facebook\_chrome\_Linux 0 2
3. facebook\_firefox\_Linux 0 2
4. google\_chrome\_Linux 5 22
5. google\_chrome\_Windows 14 71
6. google\_chrome\_OSX 1 5
7. google\_firefox\_Linux 4 17
8. google\_firefox\_Windows 0 2
9. google\_IExplorer\_Windows 0 0
10. google\_Safari\_OSX 30 149
11. microsoft\_chrome\_Windows 7 34
12. microsoft\_firefox\_Windows 4 20
13. microsoft\_IExplorer\_Windows 3 16
14. twitter\_chrome\_Linux 5 22
15. twitter\_chrome\_Windows 14 71
16. twitter\_chrome\_OSX 1 6
17. twitter\_firefox\_Linux 4 21
18. twitter\_firefox\_Windows 6 27
19. twitter\_IExplorer\_Windows 4 19
20. twitter\_Safari\_OSX 4 21
21. youtube\_chrome\_Linux 0 2
22. youtube\_firefox\_Linux 0 2
23. youtube\_Safari\_OSX 28 140
24. other\_chrome\_Linux 1 3
25. other\_chrome\_Windows 2 8
26. other\_firefox\_Linux 1 7
27. other\_firefox\_Windows 1 4
28. other\_IExplorer\_Windows 0 2
29. other\_Safari\_OSX 26 129

(metric, class, %, size)  
If precision, and 50% and size 100, means that of 100 times predicting that class the model was correct 50 times. If Recall and 50% and size is 100 means that of 100 instances of the class the model correctly identified 50 of them.

# Results on all BOA

* percision dropbox\_chrome\_Windows nan 0.0
* recall dropbox\_chrome\_Windows 0.0 1.0
* F1 dropbox\_chrome\_Windows nan
* percision facebook\_chrome\_Linux nan 0.0
* recall facebook\_chrome\_Linux nan 0.0
* F1 facebook\_chrome\_Linux nan
* percision facebook\_firefox\_Linux nan 0.0
* recall facebook\_firefox\_Linux nan 0.0
* F1 facebook\_firefox\_Linux nan
* percision google\_chrome\_Linux 0.6666666666666666 3.0
* recall google\_chrome\_Linux 0.4 5.0
* F1 google\_chrome\_Linux 0.5
* percision google\_chrome\_Windows 0.6 15.0
* recall google\_chrome\_Windows 0.6428571428571429 14.0
* F1 google\_chrome\_Windows 0.6206896551724138
* percision google\_chrome\_OSX nan 0.0
* recall google\_chrome\_OSX 0.0 1.0
* F1 google\_chrome\_OSX nan
* percision google\_firefox\_Linux 0.2857142857142857 7.0
* recall google\_firefox\_Linux 0.5 4.0
* F1 google\_firefox\_Linux 0.36363636363636365
* percision google\_firefox\_Windows nan 0.0
* recall google\_firefox\_Windows nan 0.0
* F1 google\_firefox\_Windows nan
* percision google\_IExplorer\_Windows nan 0.0
* recall google\_IExplorer\_Windows nan 0.0
* F1 google\_IExplorer\_Windows nan
* percision google\_Safari\_OSX 0.7916666666666666 24.0
* recall google\_Safari\_OSX 0.6333333333333333 30.0
* F1 google\_Safari\_OSX 0.7037037037037038
* percision microsoft\_chrome\_Windows 0.4166666666666667 12.0
* recall microsoft\_chrome\_Windows 0.7142857142857143 7.0
* F1 microsoft\_chrome\_Windows 0.5263157894736842
* percision microsoft\_firefox\_Windows 0.5 4.0
* recall microsoft\_firefox\_Windows 0.5 4.0
* F1 microsoft\_firefox\_Windows 0.5
* percision microsoft\_IExplorer\_Windows 0.0 1.0
* recall microsoft\_IExplorer\_Windows 0.0 3.0
* F1 microsoft\_IExplorer\_Windows nan
* percision twitter\_chrome\_Linux 1.0 2.0
* recall twitter\_chrome\_Linux 0.4 5.0
* F1 twitter\_chrome\_Linux 0.5714285714285715
* percision twitter\_chrome\_Windows 0.36363636363636365 11.0
* recall twitter\_chrome\_Windows 0.2857142857142857 14.0
* F1 twitter\_chrome\_Windows 0.32
* percision twitter\_chrome\_OSX 0.3333333333333333 3.0
* recall twitter\_chrome\_OSX 1.0 1.0
* F1 twitter\_chrome\_OSX 0.5
* percision twitter\_firefox\_Linux 0.4 5.0
* recall twitter\_firefox\_Linux 0.5 4.0
* F1 twitter\_firefox\_Linux 0.4444444444444445
* percision twitter\_firefox\_Windows 0.14285714285714285 7.0
* recall twitter\_firefox\_Windows 0.16666666666666666 6.0
* F1 twitter\_firefox\_Windows 0.15384615384615383
* percision twitter\_IExplorer\_Windows 0.16666666666666666 6.0
* recall twitter\_IExplorer\_Windows 0.25 4.0
* F1 twitter\_IExplorer\_Windows 0.2
* percision twitter\_Safari\_OSX 0.3333333333333333 9.0
* recall twitter\_Safari\_OSX 0.75 4.0
* F1 twitter\_Safari\_OSX 0.46153846153846156
* percision youtube\_chrome\_Linux nan 0.0
* recall youtube\_chrome\_Linux nan 0.0
* F1 youtube\_chrome\_Linux nan
* percision youtube\_firefox\_Linux nan 0.0
* recall youtube\_firefox\_Linux nan 0.0
* F1 youtube\_firefox\_Linux nan
* percision youtube\_Safari\_OSX 0.75 28.0
* recall youtube\_Safari\_OSX 0.75 28.0
* F1 youtube\_Safari\_OSX 0.75
* percision other\_chrome\_Linux nan 0.0
* recall other\_chrome\_Linux 0.0 1.0
* F1 other\_chrome\_Linux nan
* percision other\_chrome\_Windows 0.0 1.0
* recall other\_chrome\_Windows 0.0 2.0
* F1 other\_chrome\_Windows nan
* percision other\_firefox\_Linux nan 0.0
* recall other\_firefox\_Linux 0.0 1.0
* F1 other\_firefox\_Linux nan
* percision other\_firefox\_Windows nan 0.0
* recall other\_firefox\_Windows 0.0 1.0
* F1 other\_firefox\_Windows nan
* percision other\_IExplorer\_Windows nan 0.0
* recall other\_IExplorer\_Windows nan 0.0
* F1 other\_IExplorer\_Windows nan
* percision other\_Safari\_OSX 0.9285714285714286 28.0
* recall other\_Safari\_OSX 1.0 26.0
* F1 other\_Safari\_OSX 0.962962962962963

# Results on Apps on BOA

* percision dropbox 1.0 1.0
* recall dropbox 1.0 1.0
* F1 dropbox 1.0
* percision facebook 0.0 1.0
* recall facebook 0.0 1.0
* F1 facebook nan
* percision google 0.7272727272727273 55.0
* recall google 0.7547169811320755 53.0
* F1 google 0.7407407407407407
* percision microsoft 0.46153846153846156 13.0
* recall microsoft 0.42857142857142855 14.0
* F1 microsoft 0.4444444444444445
* percision twitter 0.7209302325581395 43.0
* recall twitter 0.8378378378378378 37.0
* F1 twitter 0.7749999999999999
* percision youtube 0.9166666666666666 24.0
* recall youtube 0.7586206896551724 29.0
* F1 youtube 0.830188679245283
* percision other 0.896551724137931 29.0
* recall other 0.8387096774193549 31.0
* F1 other 0.8666666666666666

# Results browsers on BOA

* percision chrome 0.8076923076923077 52.0
* recall chrome 0.84 50.0
* F1 chrome 0.8235294117647058
* percision firefox 0.5555555555555556 18.0
* recall firefox 0.5 20.0
* F1 firefox 0.5263157894736842
* percision IExplorer 0.5714285714285714 7.0
* recall IExplorer 0.5 8.0
* F1 IExplorer 0.5333333333333333
* percision Safari 0.9550561797752809 89.0
* recall Safari 0.9659090909090909 88.0
* F1 Safari 0.96045197740113

# Results OS’s on BOA

* percision Linux 0.8095238095238095 21.0
* recall Linux 0.85 20.0
* F1 Linux 0.8292682926829269
* percision Windows 0.84375 64.0
* recall Windows 0.9642857142857143 56.0
* F1 Windows 0.8999999999999999
* percision OSX 0.9753086419753086 81.0
* recall OSX 0.8777777777777778 90.0
* F1 OSX 0.9239766081871346