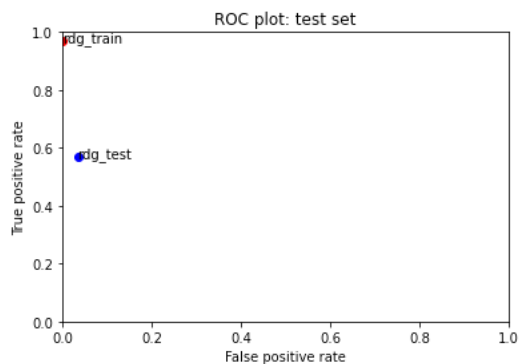
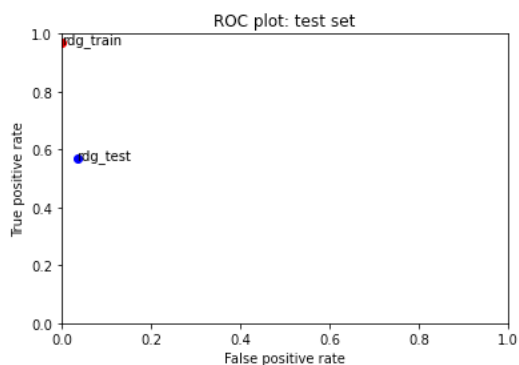


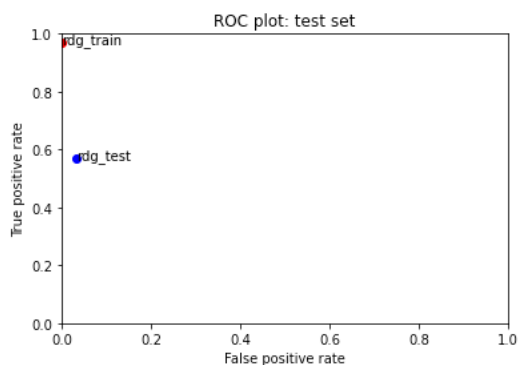
Default Alpha Parameter $\alpha = 1.0$ (Train: Accuracy': 0.9962790624804161, 'Precision': 0.9961188118811881, 'Recall': 0.9672358098754038; Test: Accuracy': 0.9259282469058436, 'Precision': 0.6526839672947031, 'Recall': 0.569655600372323)



Alpha Parameter of 10 (Train: Accuracy': 0.9962712289277433, 'Precision': 0.9960399176302868, 'Recall': 0.9672358098754038; Test: Accuracy': 0.9259282469058436, 'Precision': 0.6527926004980434, 'Recall': 0.5693453304374806)

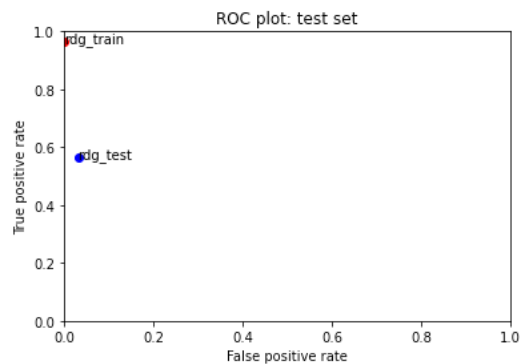


Alpha Parameter of 50 (Train: Accuracy': 0.9962712289277433, 'Precision': 0.9960399176302868, 'Recall': 0.9672358098754038; Test: Accuracy': 0.9260535798214006, 'Precision': 0.654162200785995, 'Recall': 0.5681042506981073)

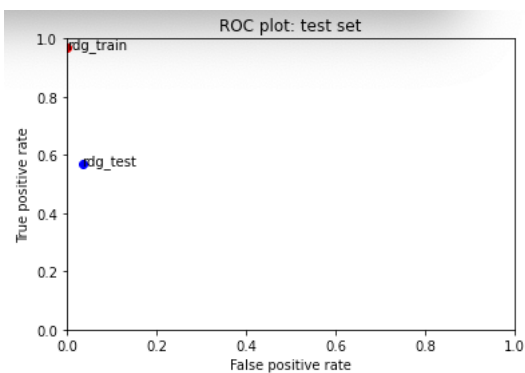


Alpha Parameter of 1000 (Train: Accuracy': 0.9960127216895407, 'Precision': 0.9958720330237358, 'Recall': 0.9648515612982618; Test: Accuracy': 0.92834

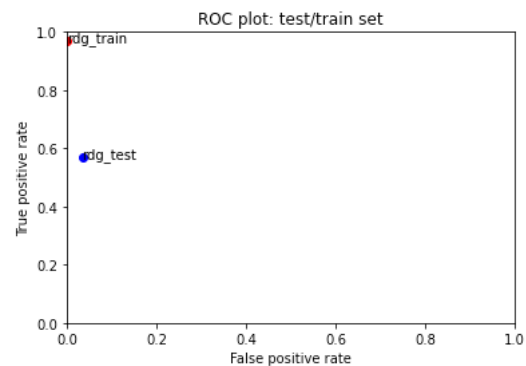
09055303149, 'Precision': 0.6729490022172949, 'Recall': 0.5650015513496742
)



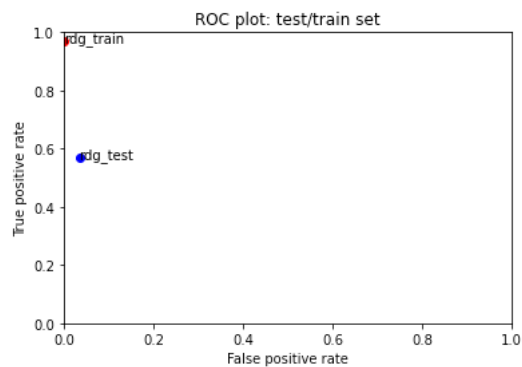
Alpha Parameter of 20 (Train: Accuracy': 0.9962712289277433, 'Precision': 0.9960399176302868, 'Recall': 0.9672358098754038; Test: Accuracy': 0.9260222465925113, 'Precision': 0.6537089871611983, 'Recall': 0.568724790567794)



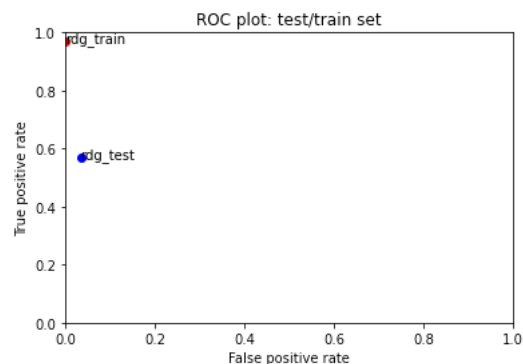
Alpha Parameter of 5 (Train: Accuracy': 0.9962790624804161, 'Precision': 0.9961188118811881, 'Recall': 0.9672358098754038; Test: Accuracy': 0.9258969136769544, 'Precision': 0.6526690391459075, 'Recall': 0.5690350605026373)



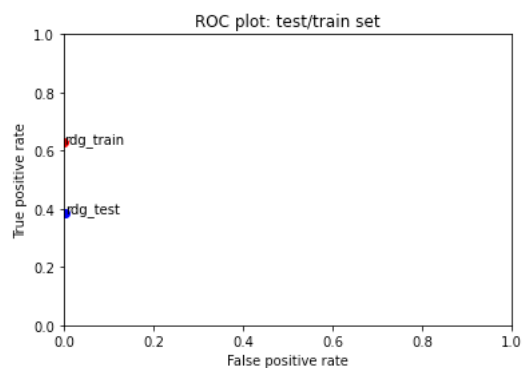
Alpha Parameter of 0.5 (Train: Accuracy': 0.9962790624804161, 'Precision': 0.9961188118811881, 'Recall': 0.9672358098754038; Test: Accuracy': 0.9258969136769544, 'Precision': 0.6525604551920341, 'Recall': 0.569345330437480)



Alpha Parameter of 0.01 (Train: Accuracy': 0.9962712289277433, 'Precision': 0.9960399176302868, 'Recall': 0.9672358098754038; Accuracy': 0.9258969136769544, 'Precision': 0.6525604551920341, 'Recall': 0.5693453304374806)



Set normalize to True



Set fit_intercept to False

