

My OVA classifier has a very small difference with the sklearn's implementation. My classifier gives an accuracy of 0.3882, while the sklearn's has an accuracy of 0.3713, which the difference is within 0.02. This might be because that in my OVA classifier, I use 'sag' as the solver and a max iterations of 1000 for logistic regression, which gives a much faster convergence rate on a large dataset than 'lbfgs' and 100 max iter used by sklearn's implementation and might have a higher accuracy .