

Machine Learning Final Report

Chung-Yen Hung B00201015

December 15, 2014

1 12/15

1.1 First time commit

1. Algorithm:

(a) *Logistic Regression:*

params:

C = 1.0, class_weight = None, dual = False, fit_intercept = True, intercept_scaling = 1, penalty = "L2"

E_in: 0.015

track 0: E_out: 0.82

(b) *Ridge Regression:*

params:

alphas=array[0.1, 1., 10.], class_weight = None, cv = None, fit_intercept = True, loss_func = None, normalize = False

track 0: E_out: 0.87

(c) *Random Forset:*

params:

number of tree: 30

track 0: E_out: 0.75

2. Feature Extraction[TODO]:

(a) Hog

3. Grid Search

(a) For Random Forset number of tree = [10, 20, 30]