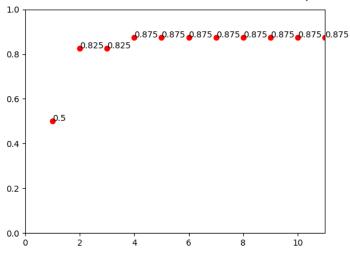
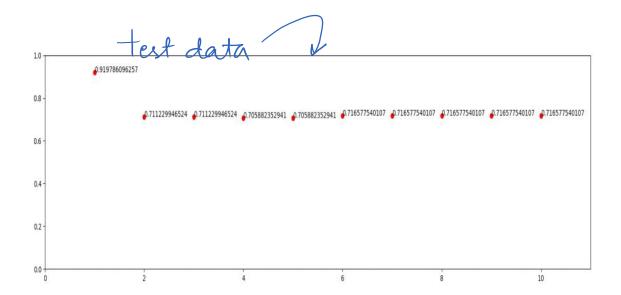


for no of rounds 1- to 10 Friday, October 20, 2017 § 9:17 PM

Training data





Coordinate descent

22 values

Optimum value of alpha =[0.2845505773982054, -0.07856188958850226, -2.0928046987614204, 0.6602723353239184, -0.1118203846238726, -0.06695723673726993, 0.4537552517046842, 1.6757524973471143, -0.8169897279365411, -0.13031029667029273, 0.16903805006294764, -0.2825725432664276, 0.8493410792980173, 0.4467653250189175, -0.7699526845640553, 0.6550158371159187, 0.426956012714212, -1.0218149640196, 0.17884656733566412, 0.1534318458006747, 0.17367064478968935, 0.4187365588260511]

Exponential Loss = 52.159294907868706

B)Accuracy of test data on corresponding classifier is '0.572192513369'

A) for M=20 adaboost accuracy on Test 0.614973262032

Comparison

Exp loss-68.86836322990145

0.48470027859402637 0.28429431148321554 0.23296515192903908 -0.07869817822557398 0.1295674827949465 -2.0915501633498392 0.053456320811998186 0.6603351633015678 1.332267629550186e-15 -0.11164833942527683 -2.2204460492503136e-16 -0.06678021543434218 0.0 0.45377529501675257 0.0 1.6746962838612427 0.0 -0.8158590267159751 0.0 -0.13029607339281848 0.0 0.16909500871500124 0.0 -0.2825068829331446 0.0 0.8494466443437799 0.0 0.44541327807870884 0.0 -0.7699150337720404 0.0 0.6550456486292366 0.0 0.42663349713432136 0.0 -1.021700846879818 0.0 0.17892128163182155 0.0 0.15345607372888626 0.17360545297509625 0.4186480640960184 ate descen

Exponential Loss = 52.159294907868706