Noise prediction

1 Labelling

Label = 0 if true label = noisy label = 0

Label = 1 if true label = 1 & noisy label = 0

Label = 2 if true label = 0 & noisy label = 1

Label = 3 if true label = noisy label = 1

class	# training	# test
noisy=true=0	3888	4353
noisy=0 true=1	88	105
noisy=1 true=0	50	62
noisy=true=1	126	141

2 Accuracy and losses
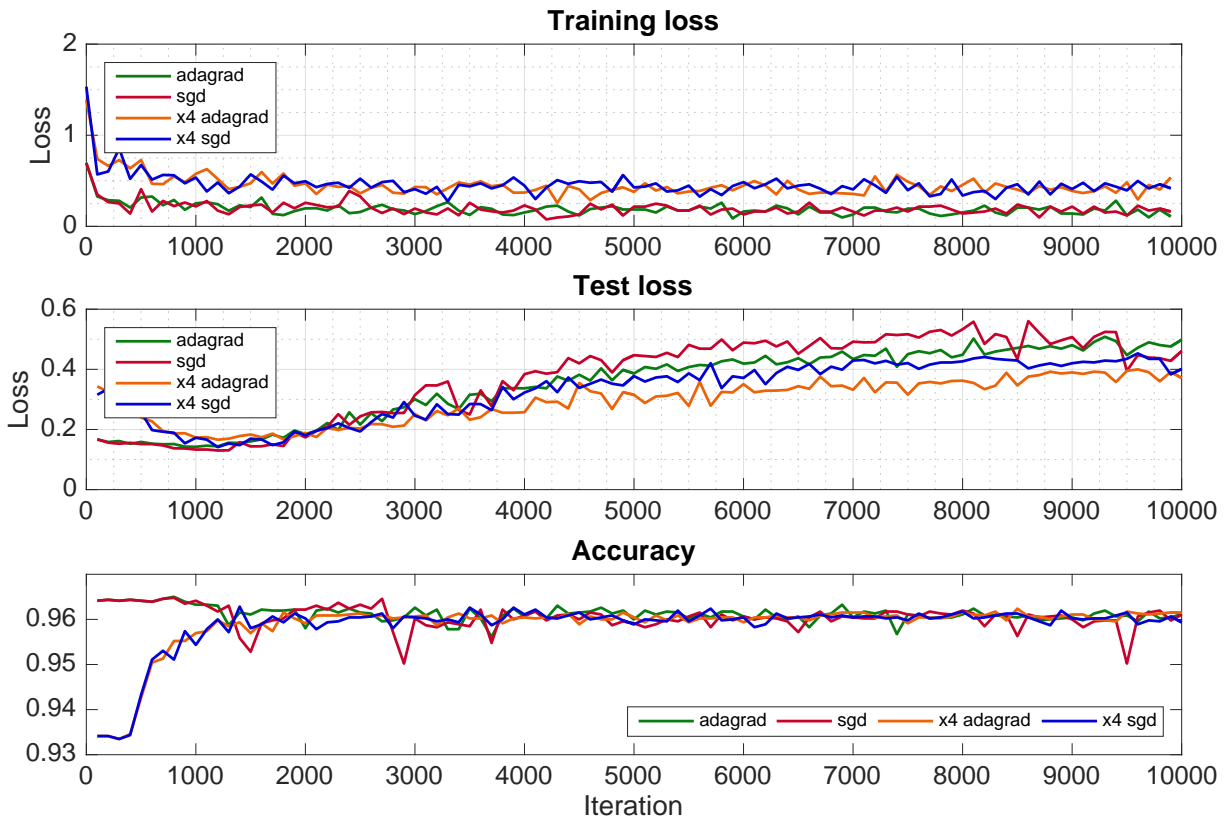
Figure 1

3 ROC and PR - one vs all

(a) Adagrad

(b) SGD
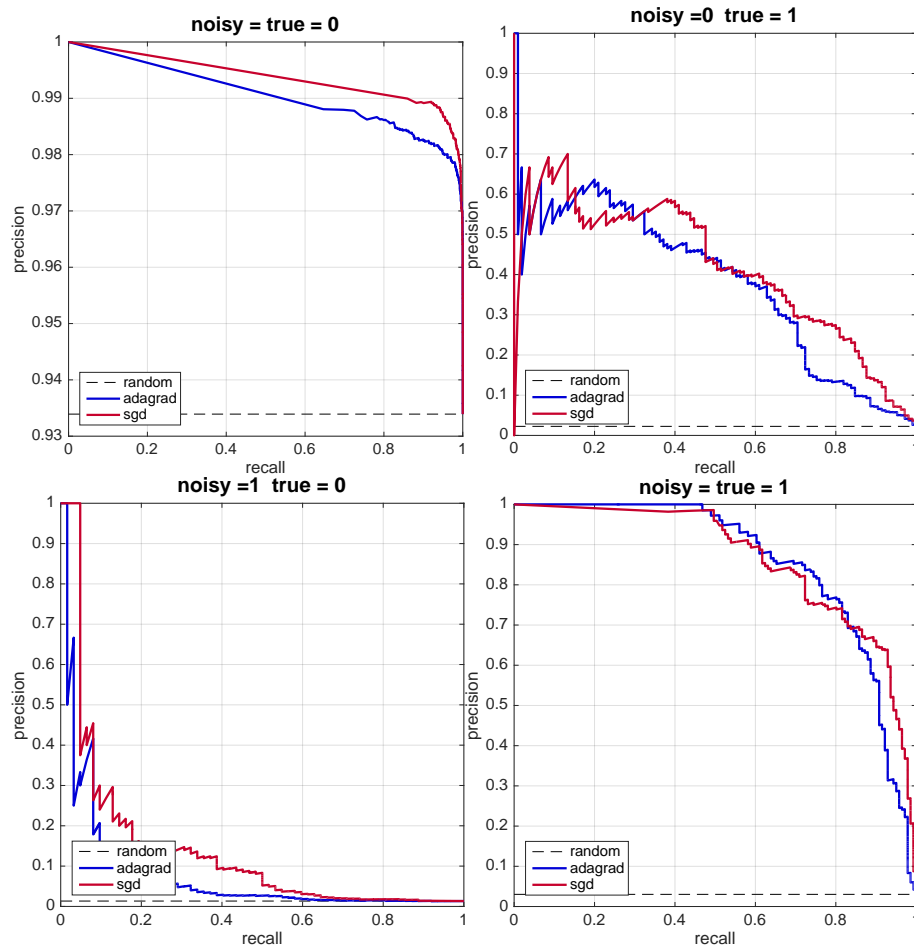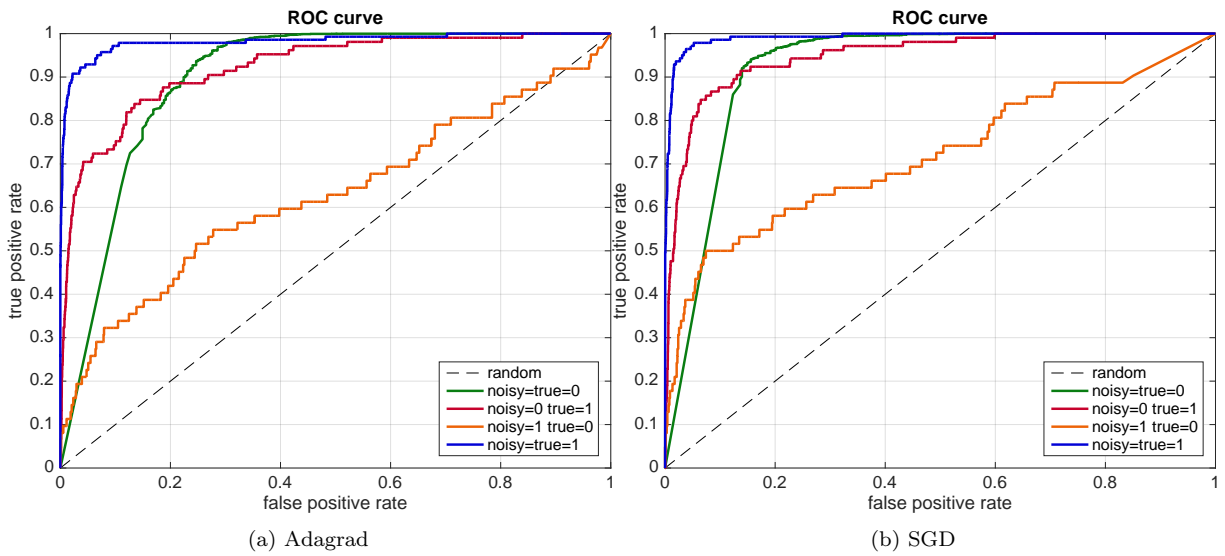
Figure 2: Adagrad

4 Confusion matrices

Adagrad:

true \ predicted	n=t=0	n=0, t=1	n=1, t=0	n=t=1
n=t=0	4347	4	2	0
n=0, t=1	57	31	0	17
n=1, t=0	58	0	2	2
n=t=1	19	19	1	102

SGD:

true \ predicted	n=t=0	n=0, t=1	n=1, t=0	n=t=1
n=t=0	4331	8	10	4
n=0, t=1	46	30	2	27
n=1, t=0	52	1	6	3
n=t=1	12	17	7	105