300

250

- 200

- 150

- 100

- 50

Linear SVC with Primal Optimization Confusion Matrix AUC: 47.85%

alt.atheism -	225	2	4	0	0	0	1	1	0	2	0	0	3	6	4	8	2	24	6	37
comp.graphics -	2	294	23	14	5	45	2	4	0	0	1	5	8	9	7	1	0	2	0	4
comp.os.ms-windows.misc -	0	10	260	24	8	31	2	0	0	0	0	2	17	2	1	1	2	0	0	1
comp.sys.ibm.pc.hardware -	0	10	35	278	25	11	14	2	0	0	0	2	21	1	0	0	1	0	1	1
comp.sys.mac.hardware -	1	7	14	25	295	6	11	0	2	2	3	4	12	1	3	0	2	1	0	0
comp.windows.x -	1	21	19	4	2	277	0	0	0	1	0	2	3	2	2	1	4	1	0	0
misc.forsale -	2	7	8	14	10	7	327	11	4	5	1	2	11	7	2	3	3	0	1	2
rec.autos -	0	1	1	2	1	0	10	339	16	1	1	2	11	10	2	1	3	3	1	0
rec.motorcycles -	0	1	1	0	2	1	2	9	368	0	0	4	7	0	1	0	2	0	1	1
rec.sport.baseball -	4	6	4	1	4	2	3	3	1	350	12	4	4	2	1	0	3	4	2	0
rec.sport.hockey -	0	0	1	1	2	1	3	0	0	23	374	3	0	1	1	1	1	1	0	1
sci.crypt -	3	7	2	3	1	3	2	0	0	0	0	346	14	0	1	0	6	4	4	1
sci.electronics -	2	7	2	23	19	3	6	17	1	3	0	2	259	6	7	1	2	5	0	0
sci.med -	9	2	3	0	2	1	3	2	1	0	2	2	8	325	8	7	5	0	5	8
sci.space -	5	4	5	1	2	3	3	1	1	1	0	1	4	2	341	5	1	4	4	6
soc.religion.christian -	30	2	2	0	1	1	1	0	0	2	1	3	6	4	4	361	0	6	3	52
talk.politics.guns -	2	2	0	1	2	1	0	2	1	1	1	8	2	4	4	0	302	5	90	15
talk.politics.mideast -	7	2	0	0	0	0	0	0	0	1	1	1	1	5	2	3	1	307	6	6
talk.politics.misc -	1	3	7	1	3	0	0	3	2	3	2	3	2	5	2	0	15	8	172	6
talk.religion.misc -	25	1	3	0	1	2	0	2	1	2	0	0	0	4	1	5	9	1	14	110
	c.atheigh	ur. grady	iics	ibra, ci	ardwa	arduare se jaran	us. tsò	rec.s	, orch	ort. bas	port. no.	tello	electron	is ped	i.space	, , ,	politics.	ding ding	deast,	risc rigion ri
ð	i.	'6'. ₂	ns.wind	ibu.bc	i. Si	6.4. L.	(5° (,ec.s	nor ecis	ork.	,001,	si	Sic	9	, eli	dion.	ogir.	Sitics.	Solls,	ej _{lo} .

True label

Predicted label