300

- 250

200

- 150

100

- 50

Linear SVC with Dual 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
**	atheiss con	in Jag	nics mind	ons.riis	S. Way	on ci	as.t se	ec.autor	notorcy rec.st	cles Port.bas	port. ro	yeyo	zlectron,	is ned	is space	idion.Ch	ralk of	Jun's hitics.r.	oditics.	nisc ri

True label

Predicted label