- 300

- 250

- 200

- 150

100

- 50

## Random Forest 500 Confusion Matrix AUC: 50.75%

alt.atheism -	191	1	1	0	0	0	1	2	0	0	0	1	1	11	1	8	0	30	4	43
comp.graphics -	1	274	21	18	5	41	4	6	1	3	1	4	27	24	6	6	4	3	3	5
comp.os.ms-windows.misc -	0	21	292	37	11	35	0	1	0	1	0	4	16	2	1	1	1	0	0	2
comp.sys.ibm.pc.hardware -	2	10	24	268	37	9	10	1	2	1	1	2	23	2	1	1	1	1	0	1
comp.sys.mac.hardware -	3	11	11	15	280	6	8	3	1	2	3	4	24	6	3	2	3	4	1	2
comp.windows.x -	0	30	12	4	5	270	0	2	1	2	1	1	14	4	0	1	1	0	0	0
misc.forsale -	5	11	7	14	17	13	343	19	10	4	0	8	13	17	8	3	5	2	5	1
rec.autos -	2	2	3	3	1	3	6	311	17	1	0	0	13	16	2	0	6	3	1	4
rec.motorcycles -	0	2	1	0	1	0	1	13	355	1	0	3	7	2	1	0	3	1	1	1
rec.sport.baseball -	7	3	6	0	5	2	3	4	1	355	23	5	6	5	7	7	6	9	7	5
rec.sport.hockey -	1	2	1	0	0	0	3	0	0	25	363	0	5	3	2	0	0	3	1	3
sci.crypt -	1	4	2	5	2	5	1	1	1	0	0	344	21	0	3	0	12	1	2	1
sci.electronics -	0	3	1	24	15	4	4	16	1	0	0	5	205	20	4	4	4	1	4	0
sci.med -	10	2	3	1	1	1	0	2	2	1	1	0	4	263	6	3	4	5	10	8
sci.space -	8	9	6	3	3	5	3	5	1	0	3	1	12	8	340	2	8	3	9	9
soc.religion.christian -	68	3	0	0	1	0	2	0	0	1	1	1	2	9	2	359	8	7	11	89
-	5	1	0	0	0	1	1	8	3	0	1	13	0	2	- 2	0	289	7	103	21
talk.politics.guns -	6	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2	292	3	3
talk.politics.mideast -		0	0	0	1	0	0	1	1	0	1	0	0	2	5	1	6	4	145	4
talk.politics.misc -	0																			
talk.religion.misc -	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	49
	i.atheigh	in day	iics	John Sylven	clang	e galo	ns.top	ec. auto	s SCY	yes Ges	, port. rog	i,cyd Siedd	, sectroi	ics red	i.space	) X	ralk Po	Juns	oditics.	risc T
9,	,;°	<sup>16</sup> 6.01	wind	JOHN PC	Light, Light Light	6. Mille	ç <sup>c.</sup> (	وت .ون؟	noto.	port.by	port	si.	elec .	, c	ς. <sub>Α</sub> ΄	igion.c.	Politic	Jitics.T	Olitic	eligio
		2.05	لاي خار	ib, edb.	9. CO			(C	⟨ec.	,e					socite	, <b>4</b> 0,	Kalk'h	<b>κ</b> ⁄δ.	*0.	

True label

Predicted label