- 300

250

- 200

- 150

- 100

- 50

## Random Forest 1000 Confusion Matrix AUC: 50.39%

alt.atheism -	189	2	2	0	0	0	1	2	0	1	0	0	2	10	2	8	0	30	2	41
comp.graphics -	1	276	20	17	7	44	2	6	0	4	1	8	30	21	7	3	3	3	3	7
comp.os.ms-windows.misc -	0	25	295	32	11	32	0	2	0	0	0	2	15	1	0	1	1	1	0	3
comp.sys.ibm.pc.hardware -	2	13	26	273	30	11	17	1	3	1	0	2	23	5	3	0	2	1	0	0
comp.sys.mac.hardware -	4	8	12	16	294	5	10	5	1	1	2	5	19	5	4	0	3	2	2	1
comp.windows.x -	1	23	14	4	2	274	0	2	1	2	1	1	9	5	1	1	0	1	0	0
misc.forsale -	3	11	3	15	17	11	335	16	8	5	1	6	11	19	5	5	7	2	6	1
rec.autos -	1	0	1	1	2	1	7	312	16	0	0	0	16	9	2	0	5	2	2	3
rec.motorcycles -	0	2	1	0	1	0	1	16	356	1	0	2	8	0	1	0	4	0	0	1
rec.sport.baseball -	6	4	6	2	4	1	4	3	2	350	18	7	5	4	6	9	7	9	4	4
rec.sport.hockey -	1	2	1	0	0	0	2	0	1	29	370	0	5	4	2	0	1	3	2	2
sci.crypt -	4	3	2	7	1	5	1	1	2	0	0	345	23	1	1	0	14	1	4	1
sci.electronics -	0	6	0	20	10	4	4	15	2	1	0	4	209	27	5	4	3	2	0	1
sci.med -	11	2	3	1	1	1	0	1	1	0	1	0	3	267	8	4	3	8	14	6
sci.space -	7	9	6	4	2	4	3	5	1	0	2	1	12	6	340	3	7	2	10	10
soc.religion.christian -	67	2	0	0	3	1	2	1	0	1	1	1	3	9	1	359	6	8	10	89
talk.politics.guns -	6	1	0	0	0	0	1	7	3	0	1	11	0	2	1	0	293	8	103	20
talk.politics.mideast -	7	0	2	0	0	0	0	0	1	0	0	0	0	0	1	1	1	286	2	5
talk.politics.misc -	0	0	0	0	0	1	0	1	0	1	1	1	0	1	4	0	4	7	146	2
talk.religion.misc -	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
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	ىن	2065.	15,11.	ons risk	3.000			⟨e <sup>C</sup>	€C.S.	` <sub>(ec.)</sub>		5			soc, ieli	dion to	Kalk P	o, Kalk,	Politics, talk,	

True label

Predicted label