

Multinomial NB - Confusion matrix (a = 2.9) [Prec = 0.8165181866156199, Rec = 0.6947906468453746, F1 = 0.6988709082135381]

predicted label

alt.atheism	1211	0	0	0	1	0	1	0	0	0	0	2	3	0	1	0	0	0	22	
comp.graphics	0	224	12	3	2	17	2	1	0	0	0	2	3	3	2	0	0	1	0	2
comp.os.ms-windows.misc	0	15	250	12	8	19	3	0	0	0	0	1	3	0	0	0	0	0	0	
comp.sys.ibm.pc.hardware	0	12	42	289	23	12	38	2	1	0	0	0	19	1	1	0	1	0	0	0
comp.sys.mac.hardware	0	4	3	11	266	3	12	0	0	1	0	0	5	2	0	0	0	0	0	0
comp.windows.x	0	18	2	2	1	272	0	0	0	0	0	0	0	2	0	0	0	0	0	0
misc.forsale	0	1	0	2	4	1	250	3	2	0	0	1	1	0	0	0	2	0	0	0
rec.autos	0	2	2	4	4	0	228	52	11	4	1	2	10	0	1	0	0	0	1	0
rec.motorcycles	2	1	0	1	1	1	6	1	860	0	0	0	2	1	1	0	0	0	0	0
rec.sport.baseball	1	4	3	0	3	1	1	2	0	840	3	0	2	4	0	0	0	1	0	1
rec.sport.hockey	1	4	2	2	3	0	6	2	0	2238	60	3	4	1	0	1	1	1	1	4
sci.crypt	4	53	32	35	23	41	10	8	5	0	1	883	102	19	11	0	12	2	19	2
sci.electronics	0	2	1	10	5	0	12	2	0	0	0	0	172	4	1	0	0	0	0	0
sci.med	5	1	0	0	0	1	5	0	0	0	0	0	2	241	3	1	0	0	0	3
sci.space	0	4	6	6	4	6	2	3	0	2	1	0	12	6	321	3	1	0	2	2
soc.religion.christian	177	38	38	11	33	19	16	13	18	26	7	6	53	100	48	39	17	48	71	173
talk.politics.guns	2	3	1	2	4	1	3	5	1	2	0	1	2	4	4	0	828	21	15	24
talk.politics.mideast	6	2	0	2	1	0	2	0	0	0	0	0	0	2	0	0	2	321	4	4
talk.politics.misc	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	97	2
talk.religion.misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12

alt.atheism	comp.graphics	comp.os.ms-windows.misc	comp.sys.ibm.pc.hardware	comp.sys.mac.hardware	comp.windows.x	misc.forsale	rec.autos	rec.motorcycles	rec.sport.baseball	rec.sport.hockey	sci.crypt	sci.electronics	sci.med	sci.space	soc.religion.christian	talk.politics.guns	talk.politics.mideast	talk.politics.misc	talk.religion.misc
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true label