300

- 250

- 200

- 150

- 100

- 50

MLP 50 Half Confusion Matrix AUC: 48.83%

Comp.ographics 1 28 18 14 7 51 3 3 1 2 3 7 13 12 6 2 4 1 1 1 1 1 1 1 1 1		222	1	2					1		<u> </u>	^		2	11		0	2	17	e	24
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misc.forsale	comp.sys.mac.hardware -	2	15	11	18	294	5	15	2	3	2	1	8	18	4	2	0	1	1	0	0
rec.autos - 1	comp.windows.x -	1	21	19	1	2	271	0	0	0	0	0	3	1	3	3	2	0	1	0	0
rec.autos	misc.forsale -	0	4	4	20	15	12	321	13	5	7	1	5	8	7	2	2	3	1	3	4
rec.motorcycles 2 2 1 2 3 1 3 9 364 0 3 4 5 3 2 2 1 2 0 1 rec.sport.baseball 1 6 5 1 1 1 3 3 2 356 16 5 2 4 1 1 6 4 1 1 rec.sport.hockey 0 0 1 0 1 0 2 1 0 15 363 2 0 0 1 0 0 sci.crypt 1 3 1 0 0 2 1 1 0 0 331 14 0 2 0 0 sci.electronics 0 8 0 25 11 2 6 11 2 2 0 0 0 0 0 0 0 0 0 <td>rec.autos -</td> <td>1</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>1</td> <td>8</td> <td>339</td> <td>14</td> <td>3</td> <td>0</td> <td>2</td> <td>11</td> <td>15</td> <td>3</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>0</td>	rec.autos -	1	3	2	2	2	1	8	339	14	3	0	2	11	15	3	1	1	1	1	0
rec.sport.baseball		2	2	1	2	3	1	3	9	364	0	3	4	5	3	2	2	1	2	0	1
rec.sport.hockey 0		_		5		1	1		3	2	356	16	5		4	1	1	6		1	1
Sci.crypt 1 3 1 0 0 2 1 1 1 0 0 2 1 1 1 0 0 2 0 1 1 0 0 0 2 1 1 1 0 0 0 0 2 1 1 1 0 0 0 1 2 2 0 6 262 9 7 2 0 2 0 0 0 0 0 1 0 0 4 0 1 0 0 4 0 1 0 0 4 0 1 0 </td <td></td> <td>_</td> <td>_</td> <td></td> <td></td> <td>_</td> <td></td>																_	_			_	
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talk.politics.guns - 2 0 1 1 1 1 0 1 0 0 2 7 1 1 2 0 298 4 84 13 talk.politics.mideast - 6 1 0 0 0 0 0 0 0 0 2 1 1 1 1 6 1 1 1 310 3 3 talk.politics.misc - 4 2 6 0 3 0 0 5 4 2 3 3 1 5 7 1 14 13 182 7 talk.religion.misc - 30 1 3 0 1 0 1 0 1 0 1 0 1 1 1 4 2 14 16 3 12 121	sci.space -	6	4	4	0	1	2	0	0	0	0	0	1	5	2	331	3	2	1	5	3
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talk.religion.misc - 30 1 3 0 1 0 1 0 1 0 1 1 1 4 2 14 16 3 12 121	talk.politics.mideast -	6	1	0	0	0	0	0	0	0	2	1	1	1	6	1	1	1	310	3	3
talk.religion.misc - 30 1 3 0 1 0 1 0 1 0 1 1 1 4 2 14 16 3 12 121		4	2	6	0	3	0	0	5	4	2	3	3	1	5	7	1	14	13	182	7
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True label

Predicted label