

Deep Neural Network & Confusion Matrix (74.693)

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		trainpop=3519126 testpop=620875																							
	True	BPSK	QPSK	OQPSK	PI4QPSK	8PSK	16PSK	APSK16_c34	APSK32_c34	QAM16	QAM32	QAM64	MSK	GMSK	GFSK_75KHz	CPFSK_75KHz	2FSK_75KHz	GFSK_5KHz	CPFSK_5KHz	2FSK_5KHz	FM_NB	FM_WB	AM_DSB	AM_SSB	NOISE
BPSK		26867	3	7		1	8	2	10	5	5	2	3		8	1	1								
QPSK		12	24995	196		233	205	166	304	200	56	53	37	21	77	67	27	19			1	2			134
OQPSK		16	157	24531		271	337	185	324	165	206	181	47	40	113	67	62	40				5			191
PI4QPSK																									
8PSK		17	171	409		23329	422	310	584	459	262	384	54	95	118	98	109	53				8			177
16PSK		11	106	375		331	24501	217	294	221	229	260	33	71	92	56	82	31				5			173
APSK16_c34		9	141	313		422	314	23951	513	404	237	335	32	46	79	67	70	20			1	5			100
APSK32_c34		6	124	211		270	184	266	24602	321	276	373	38	37	76	61	41	11				1			93
QAM16		6	143	188		567	304	378	732	23442	279	465	37	56	94	82	68	38							104
QAM32		8	93	423		424	453	365	759	438	23141	537	48	55	98	70	86	37				5			97
QAM64		6	76	256		457	335	356	786	442	298	23386	48	50	98	69	69	23				3			106
MSK		1	3	8		15	17	3	16	13	6	11	26594	307	9	7	2	2				2			20
GMSK		3	7	23		25	42	20	36	23	19	20	1224	25568	15	27	3	26			6	5			13
GFSK_75KHz		5	37	85		87	93	45	94	67	32	55	62	69	25271	139	817	28			1	23			291
CPFSK_75KHz		1	43	69		90	66	37	71	52	22	42	103	108	164	24418	526	442	174	233	1	99			95
2FSK_75KHz		1	26	73		64	62	48	80	54	33	43	46	43	201	373	25703	9				8			36
GFSK_5KHz			12	30		46	28	33	21	29	10	19	21	51	19	249	16	23813	766	1059	396	198	43	35	1
CPFSK_5KHz																88		616	19734	2215	3848	297	145	87	
2FSK_5KHz			1			1		3	1	4		1	1	30	3	504	4	1199	3314	20071	1374	340	54	34	
FM_NB																	2		146	1642	429	23096	1045	408	141
FM_WB				7		9	3	7	7	2	5	4	4	4	4	80	2	180	425	278	2307	23413	50	33	1
AM_DSB																		16	2	32			24891	1959	
AM_SSB																	1	25	2	29	3		20998	6003	
NOISE				1									Predicted			1		11							27183