

Random Forest Confusion Matrix

	0	1	2	3	4	5	6	7	8
0	565366	0	0	0	0	0	560	0	0
1	2266	0	0	0	0	0	0	0	0
2	16960	0	0	0	0	0	0	0	0
3	28208	0	0	0	0	0	0	0	0
4	2212	0	0	0	0	0	0	0	0
5	918	0	0	0	0	0	0	0	0
6	243	0	0	0	0	0	0	0	0
7	6269	0	0	0	0	0	0	0	0
8	298	0	0	0	0	0	0	0	0

XGBoost Confusion Matrix

True Labels	0	552899	251	0	1750	20	0	4755	0	6251
	1	2266	0	0	0	0	0	0	0	0
	2	16934	16	0	0	0	0	10	0	0
	3	18503	0	0	0	0	0	177	0	9528
	4	1729	0	0	0	476	0	0	0	7
	5	836	0	0	0	0	0	82	0	0
	6	174	69	0	0	0	0	0	0	0
	7	6254	0	0	0	3	0	0	0	12
	8	296	0	0	0	2	0	0	0	0
		0	1	2	3	4	5	6	7	8
Predicted Labels										

LSTM Confusion Matrix

0	85412	5335	83434	49412	7243	7406	182921	53395	91368
1	956	28	5	244	2	75	67	281	608
2	2488	123	2475	1397	222	187	5700	1523	2845
3	8111	160	1104	4463	1121	1216	2750	3998	5285
4	757	11	63	340	60	103	119	266	493
5	361	12	55	125	38	54	69	65	139
6	81	2	16	38	14	17	26	16	33
7	774	56	968	382	19	16	2492	529	1033
8	87	2	8	44	10	14	28	38	67
	0	1	2	3	4	5	6	7	8