

# LightGBM Confusion Matrix (TF-IDF)

True Label

astro-ph	32 (78.05%)	3 (7.32%)	0 (0.00%)	3 (7.32%)	3 (7.32%)
cond-mat	4 (17.39%)	9 (39.13%)	0 (0.00%)	5 (21.74%)	5 (21.74%)
cs	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (100.00%)	0 (0.00%)
math	0 (0.00%)	2 (8.70%)	0 (0.00%)	20 (86.96%)	1 (4.35%)
physics	3 (27.27%)	2 (18.18%)	0 (0.00%)	5 (45.45%)	1 (9.09%)
	astro-ph	cond-mat	cs	math	physics
	Predicted Label				