

Table of model hyperparameters descriptions

Model	hidden_channels	num_epochs	patience	batch_size	lr	weight_decay
GAT, GAT_WL, GAT_RLK, GAT_MEDK, GAT_RBF, GAT_NSPDK	128	100	30	32	0.01	1e-5
GCN, GCN_WL, GCN_RLK, GCN_MEDK, GCN_RBF, GCN_NSPDK	128	200	30	32	0.001	5e-4
GIN, GIN_WL, GIN_RLK, GIN_MEDK, GIN_RBF, GIN_NSPDK	32	100	30	32	0.001	-
PGC_GCN	128	200	30	32	0.001	1e-5