

Component	Hyperparameter	Value
Encoder (RGCN)	Hidden layer size	500
	Embedding dimension	500
	Dropout	0.2
	Number of bases	5
Decoder (DistMult)	$L_2$ penalty	0.001
	Weight gain	False
	Bias initialization	False
Training	Epochs	10,000
	Learning rate	0.01
	Weight decay	0.0001
	Evaluation frequency	100
Sampling	Negative sampling ratio	1
Early Stopping	Enabled	True
	Patience	10
	Delta	0.001