

Model	WN18			FB15K		
	Hits@10	#Epochs	Training time (in seconds)	Hits@10	#Epochs	Training time (in seconds)
TransE	0.936	251	2196	0.643	1000	24372
DistMult	0.937	501	11592	0.825	551	73368
HolE	0.944	500	14328	67.54	1500	214524
ComplEx	0.944	551	32544	0.832	751	386388
fastText	0.976	100	224	0.865	50	246

DBpedia (train size=100000)

Model	Hits@10	#Epochs	Training time (in seconds)
TransE	0.028	201	424.68
DistMult	0.016	301	489.8
HolE	0.0186	3000	4007.95
complEx	0.015	601	1707
fastText	0.037	100	430.2

DBpedia (train size=1000000)

TransE	0.112	801	6866.93
DistMult	0.111	1201	8226.67
HolE	0.093	4000	77891
ComplEx	0.114	451	4119
fastText	0.122	100	8154.89

DBpedia (train size=10000000)

DistMult	0.89	1701	79644.69
fastText	0.95	100	84657.31

DistMult has show to be the best among others, thus we used only it 1

GPU 1080i 6GB

for this exp

