Chameleon-False

pretrain epochs = 40

epochs = 500

learning rate = 0.0005

hidden\_dim = 32

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9605, 0.6228,0.6301

pretrain epochs = 20

epochs = 500

learning rate = 0.0005

hidden\_dim = 32

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9616, 0.6251,0.6300

No Pretrain

pretrain epochs = 0

epochs = 500

learning rate = 0.0005

hidden\_dim = 32

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9681, 0.6299,0.6269

Citeseer

No Pretrain-best

pretrain epochs = 0

epochs = 500

learning rate = 0.0005

hidden\_dim = 128

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9806, 0.7689,0.7854

True

pretrain epochs = 50

epochs = 500

learning rate = 0.001

hidden\_dim = 256

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9731, 0.7684,0.7863

Cora

No Pretrain

pretrain epochs = 0

epochs = 500

learning rate = 0.0005

hidden\_dim = 64

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9976, 0.8564,0.8685

False

pretrain epochs = 80

epochs = 500

learning rate = 0.0005

hidden\_dim = 256

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9943, 0.8618,0.8722

pubmed

False

pretrain epochs = 20

epochs = 500

learning rate = 0.001

hidden\_dim = 256

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.8790, 0.8514,0.8532

No Pretraining

pretrain epochs = 0

epochs = 500

learning rate = 0.0005

hidden\_dim = 128

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.8819, 0.8491,0.8511

True

pretrain epochs = 80

epochs = 500

learning rate = 0.0005

hidden\_dim = 64

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.8909, 0.8534,0.8547

Squirrel

No Pretraining

pretrain epochs = 0

epochs = 500

learning rate = 0.0005

hidden\_dim = 128

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9320, 0.4609,0.4904

False

pretrain epochs = 20

epochs = 500

learning rate = 0.0005

hidden\_dim = 128

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9390, 0.4563,0.4942

False

pretrain epochs = 40

epochs = 500

learning rate = 0.0005

hidden\_dim = 128

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9348, 0.4529,0.4932

True

pretrain epochs = 60

epochs = 500

learning rate = 0.0005

hidden\_dim = 256

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9403, 0.4631,0.4963

Texas

No

pretrain epochs = 0

epochs = 500

learning rate = 0.0075

hidden\_dim = 32

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9460, 0.6988,0.7003

False

pretrain epochs = 130

epochs = 500

learning rate = 0.009000000000000001

hidden\_dim = 32

pre\_learning\_rate = 0.0005

run, train acc avg, validation acc avg, test acc avg

total,0.9365, 0.7094,0.7466