GNNGuard

Mettack

网络模型	数据集	参数	准确率
GCN	CORA	no_attack	0.8280
		ptb_rate: 0.05	0.7827
		ptb_rate: 0.1	0.7138

Nettack

攻击数量 (n_perturbations) =节点度数

数据集: citeseer

nhid=256

dropout=0.5

模型准确率: 0.7518

target_node = 2

n_perturbations=3

原图分类 概率:						
probs	1.7326763e-	3.6682227e-	3.2556129e-	1.9733849e-	9.9956024e-	6.2294312e-
	04	06	06	04	01	05

Di攻 击:						
probs	1.4218735e-	2.0526582e-	4.2054210e-	9.7954168e-	9.5652556e-	2.7797490e-
	04	05	02	04	01	04

模型准确率: 0.7553

n_perturbations=5

Di攻 击:						
probs	5.31222846e-	1.13729155e-	2.67369449e-	1.94640784e-	7.28962719e-	1.07648724e-
	04	04	01	03	01	03

模型准确率: 0.7559

n_perturbations=10

Di攻 击:						
probs	1.1138700e- 04	1.6566119e- 05	8.4839410e -01	2.4468792e- 04	1.5109171e- 01	1.4152337e- 04

模型准确率: 0.7541

target_node = 835

n_perturbations=3

原图分类 概率:						
probs	9.0885547e-	2.7260825e-	1.6283998e-	2.4812532e-	1.1325887e-	9.9580950e-
	04	04	03	04	03	01

Di攻 击:						
probs	9.2156470e-	2.0588623e-	4.4301958e-	1.1053098e-	9.2521888e-	6.8118252e-
	04	04	03	03	01	02

模型准确率: 0.7577

In攻 击:						
probs	2.58953753e-	1.08276625e-	1.40421512e-	9.15708602e-	7.12281838e-	9.23754036e-
	03	04	03	04	02	01

模型准确率: 0.7405

n_perturbations=5

In攻 击:						
probs	4.3731881e-	2.7371987e-	2.4297575e-	1.4615151e-	1.5104952e-	8.4041232e-
	03	04	03	03	01	01

模型准确率: 0.7405

n_perturbations=8

In攻 击:						
probs	6.6988729e-	4.6672038e-	4.3032473e-	7.3149381e-	9.9786931e-	2.5229124e-
	04	05	04	04	01	04

模型准确率: 0.7399

target_node = 673

n_perturbations=1

原图分类 概率:						
probs	0.02631131	0.22100534	0.6239099	0.07506889	0.03079453	0.02291001

Di攻击:						
probs	0.00565171	0.00527534	0.05544702	0.01821648	0.90212035	0.01328904

模型准确率: 0.7565

target_node = 1104

n_perturbations=1

 $0.00754101\ 0.00863327\ 0.00498412\ 0.04477421\ 0.88995546\ 0.0441118$

原图分类 概率:						
probs	0.04508255	0.3628147	0.01089143	0.40291938	0.0286	0.14969192

Di攻击:						
probs	0.00754101	0.00863327	0.00498412	0.04477421	0.88995546	0.0441118

模型准确率: 0.7571