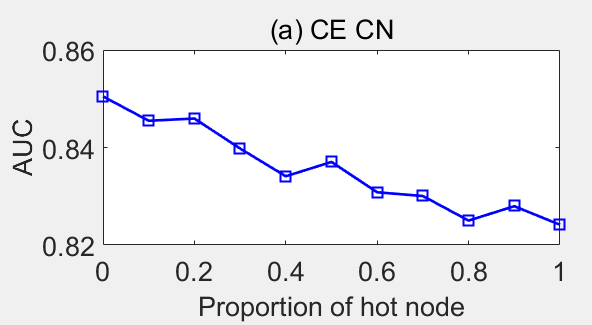
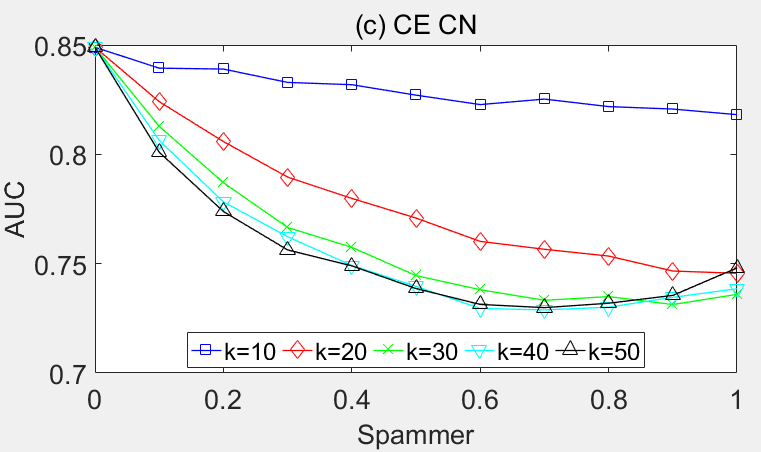
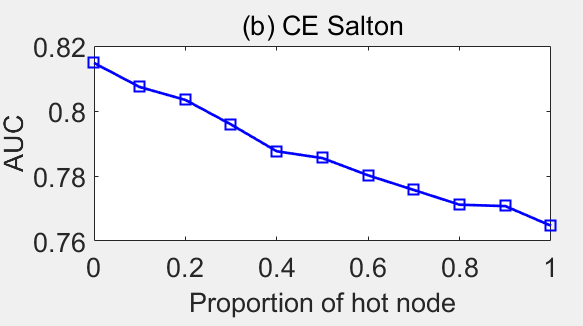
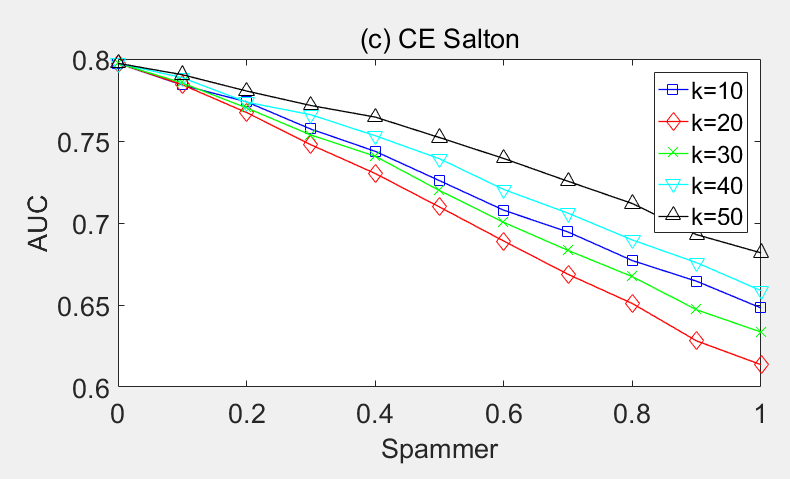
# CE数据集实验100次

### CN Common Neighbours

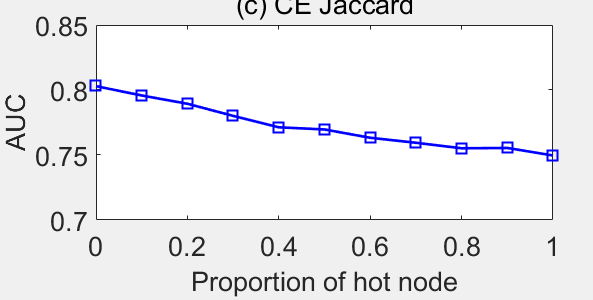
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### Salton Salton Index -The Salton index

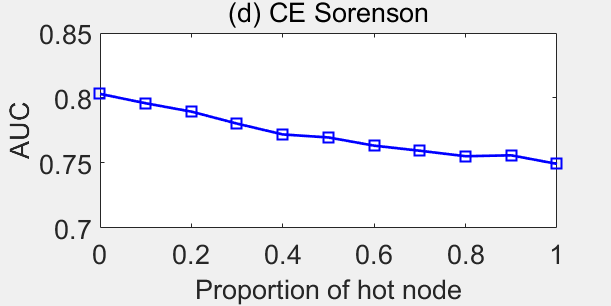
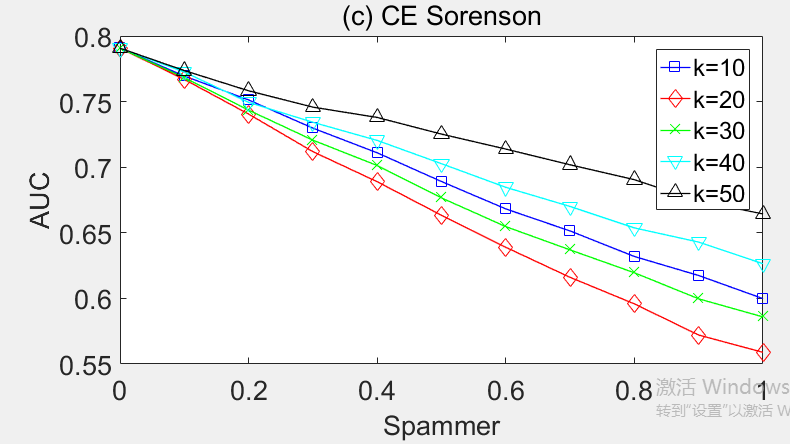
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### Jaccard Jaccard Index

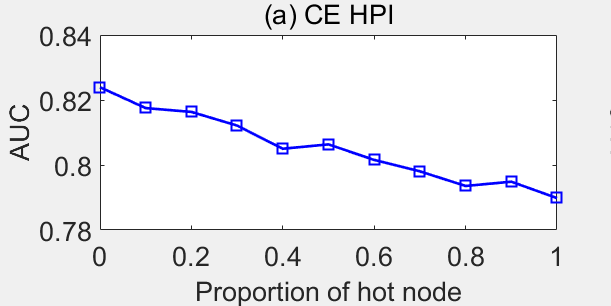
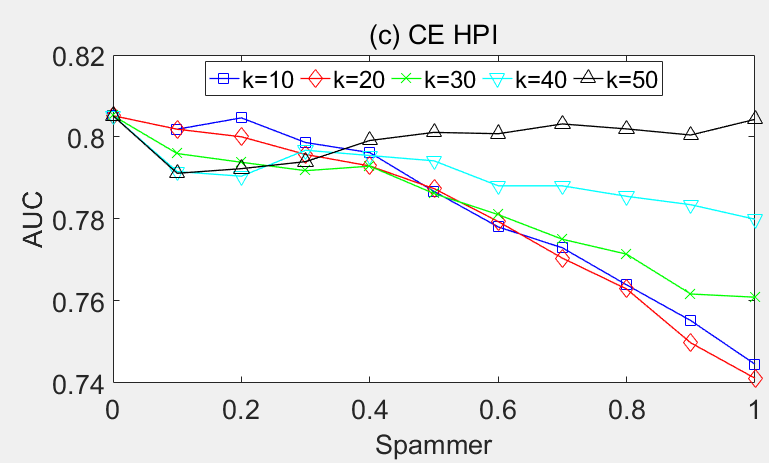
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### Sorenson Sorensen Index

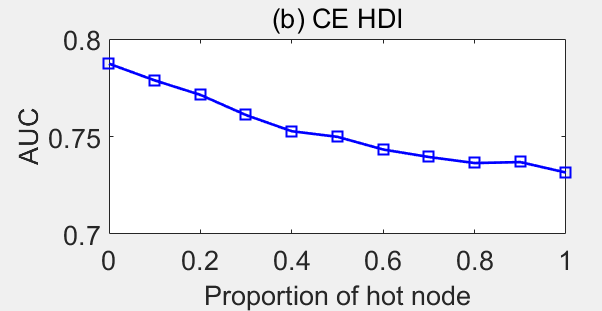
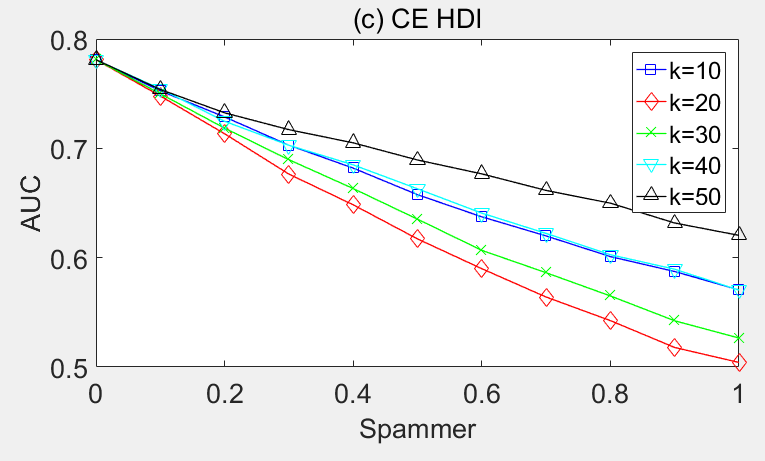
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### HPI Hub Promoted Index

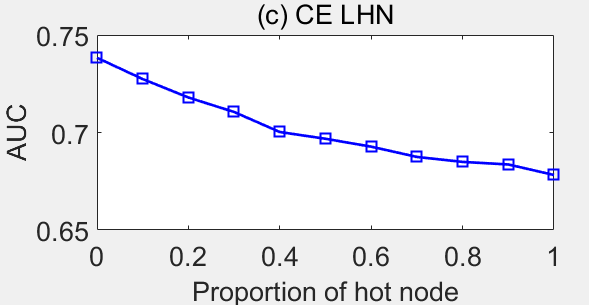
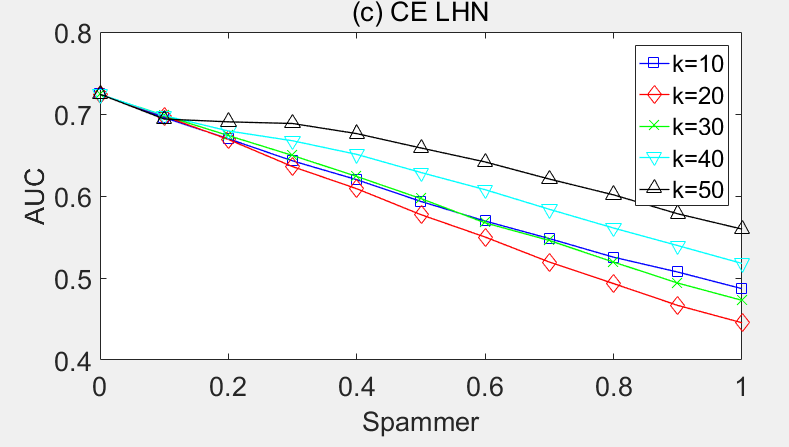
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### HDI Hub Depressed Index

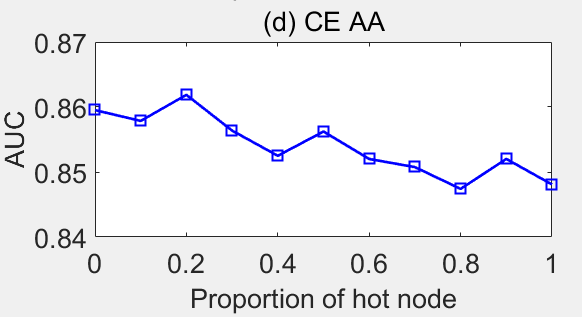
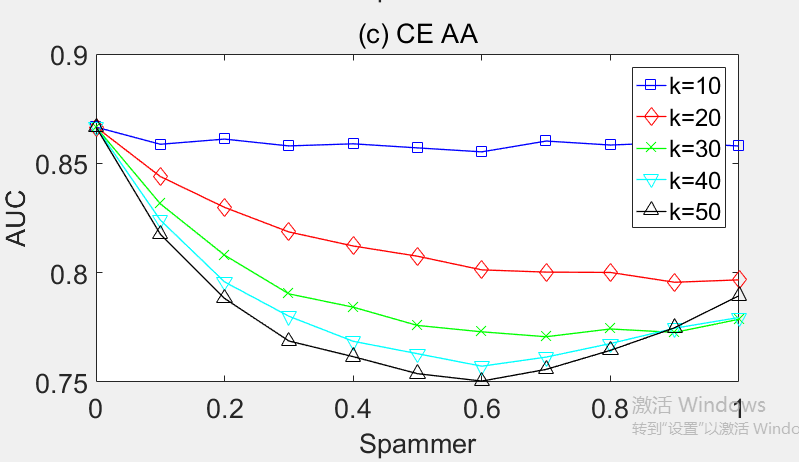
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### LHN Leicht-Holme-Newman Index

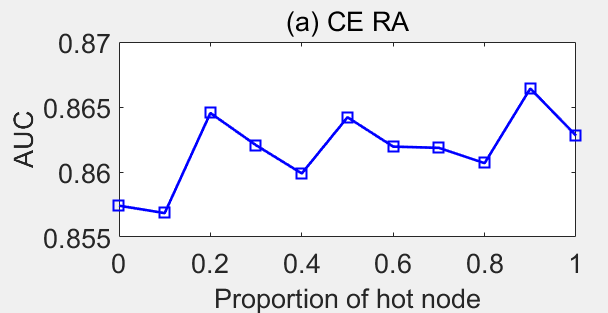
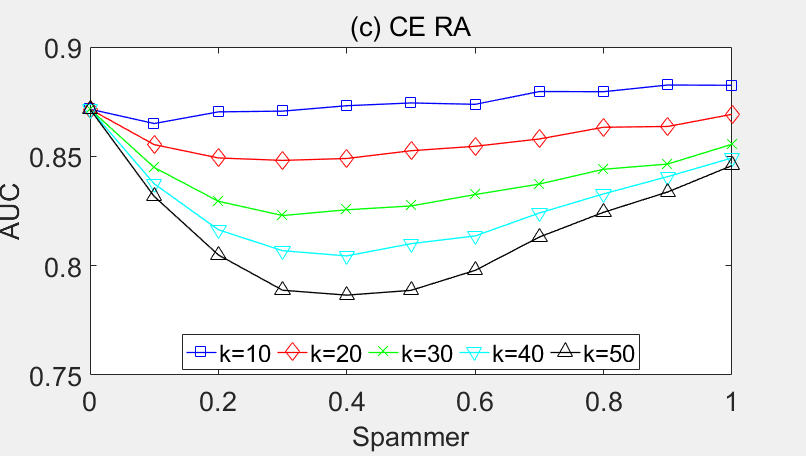
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### AA Adamic-Adar Index

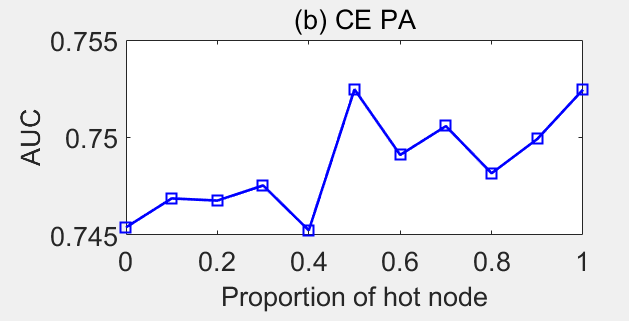
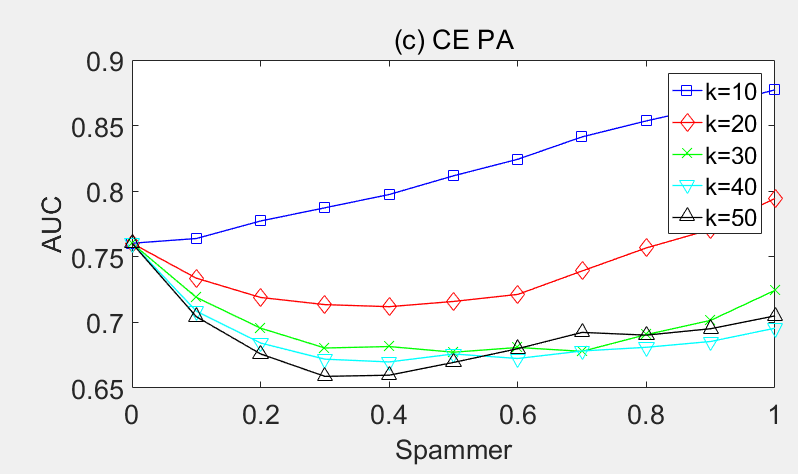
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例)

### RA Resource Allocation

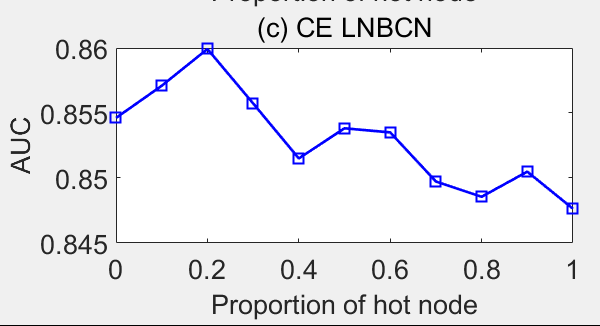
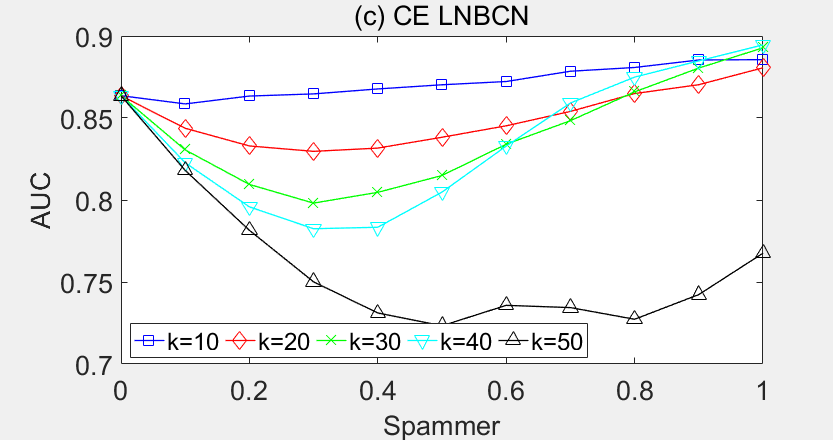
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### PA Preferential Attachment

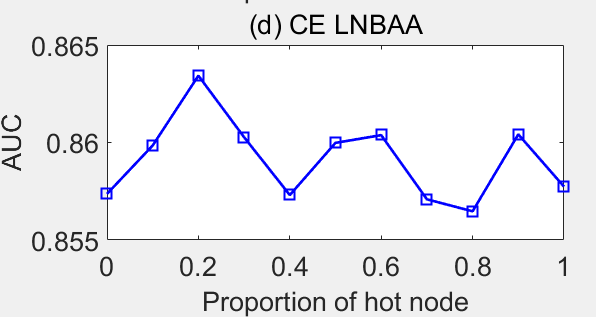
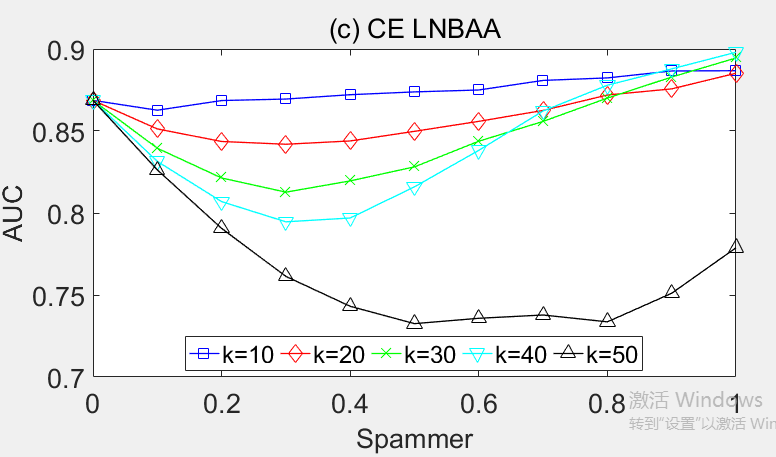
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LNBCN局部朴素贝叶斯模型

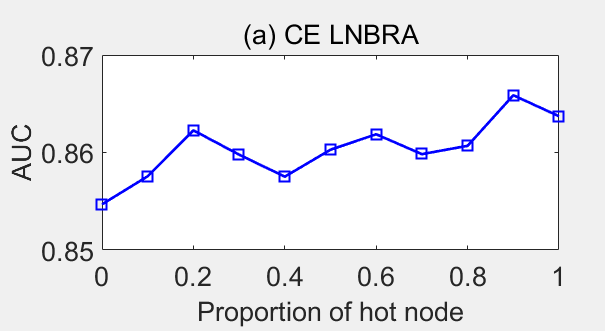
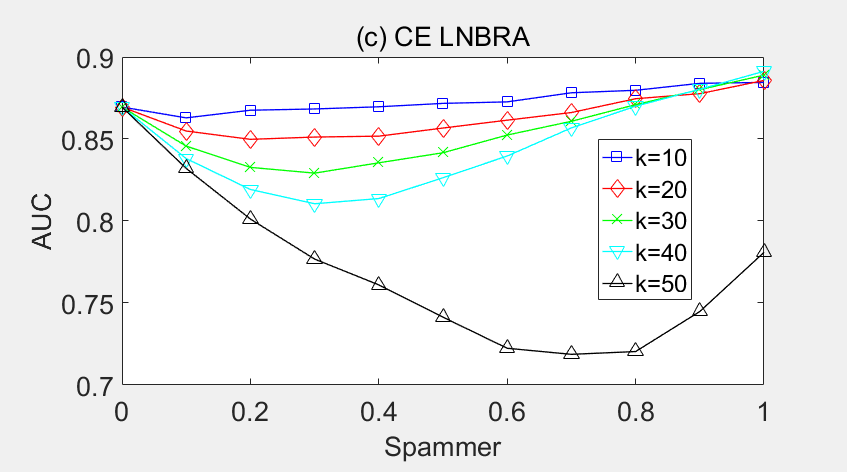
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LNBAA局部朴素贝叶斯模型

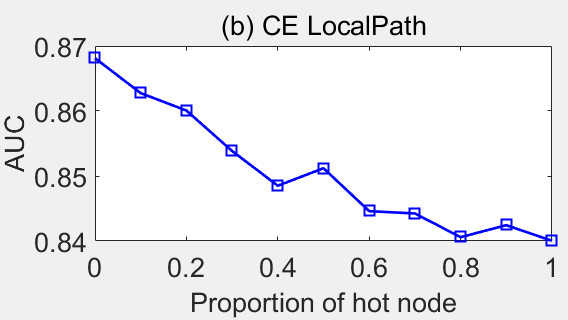
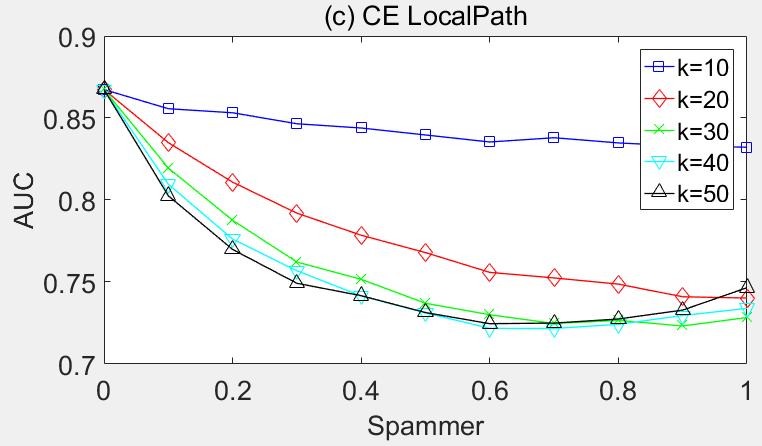
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LNBRA局部朴素贝叶斯模型

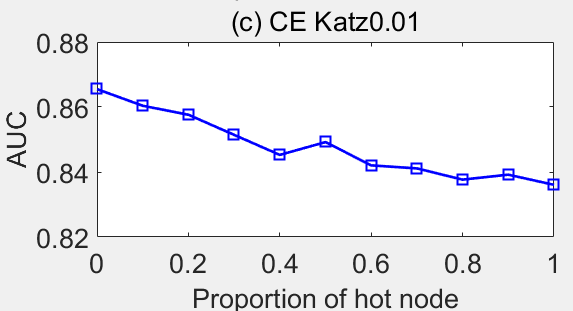
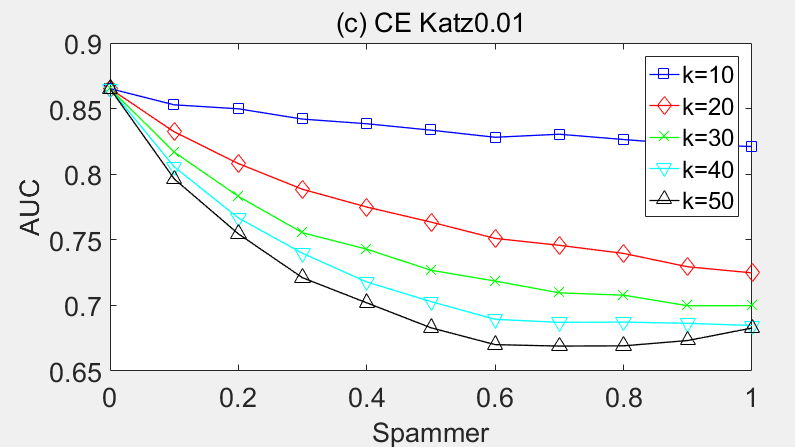
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### Local Path Index

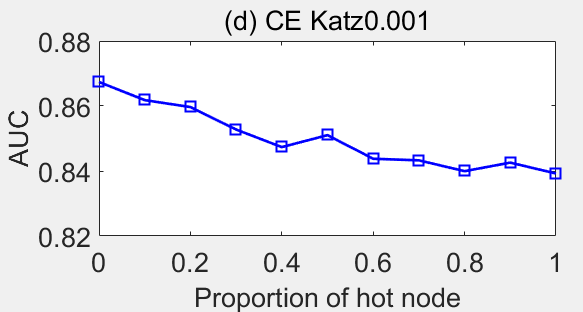
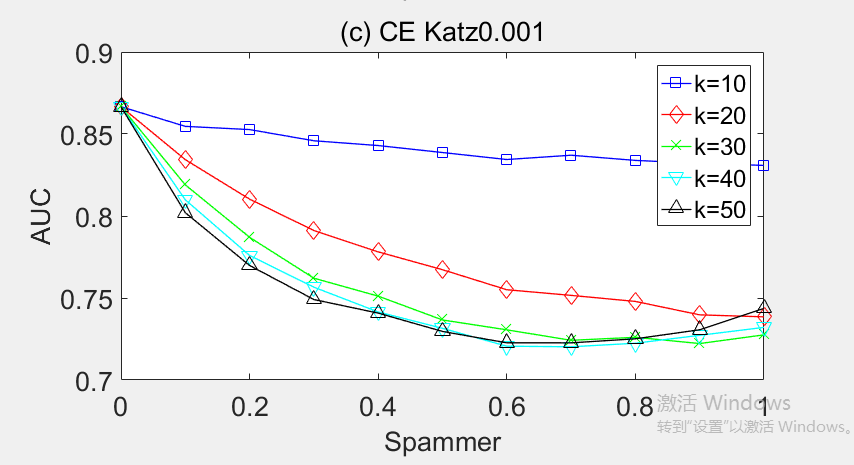
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### Katz0.01

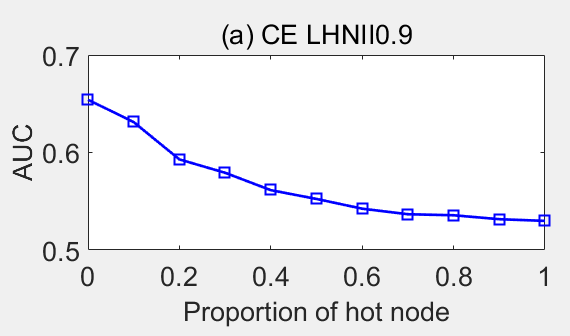
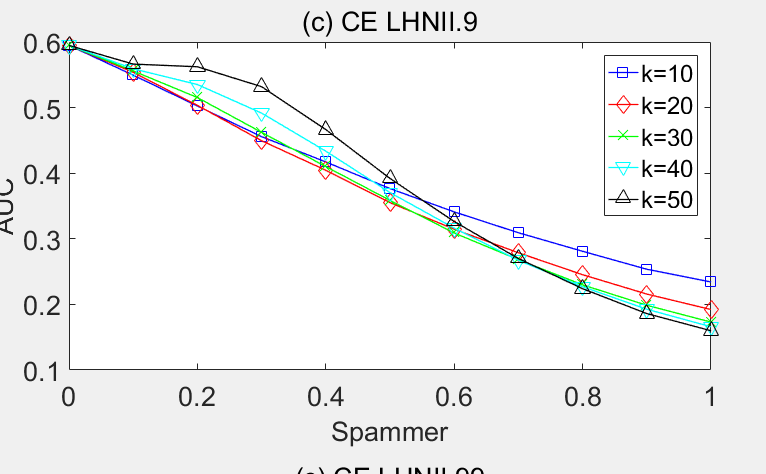
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### Katz0.001

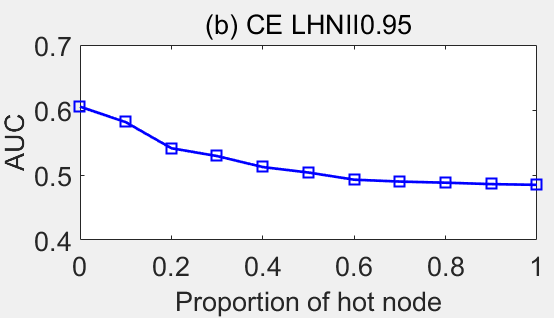
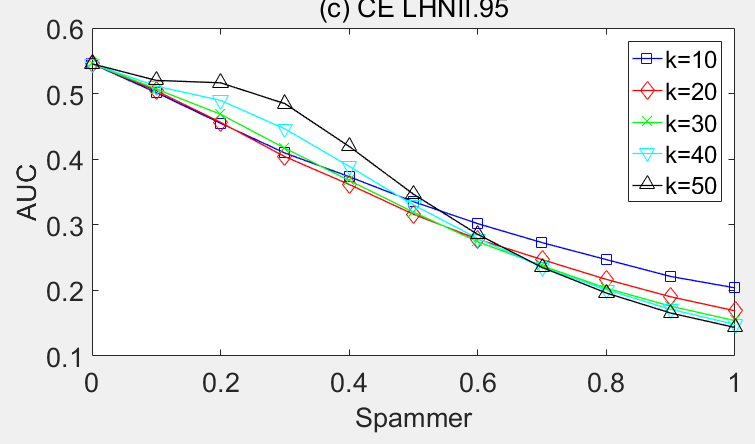
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LHNII.9

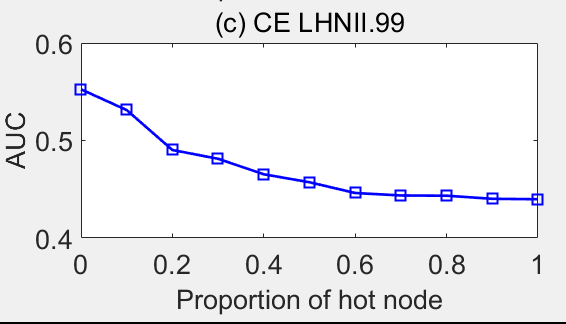
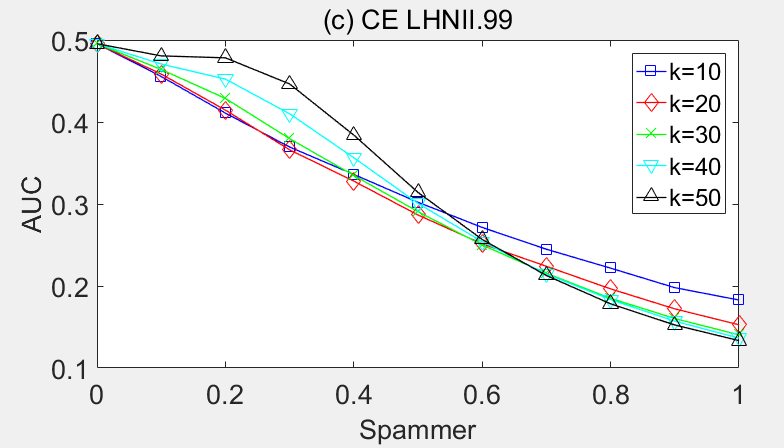
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LHNII.95

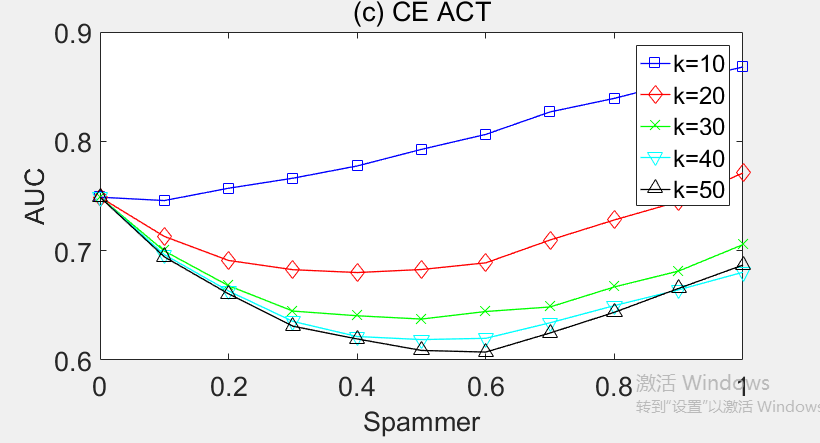
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LHNII.99

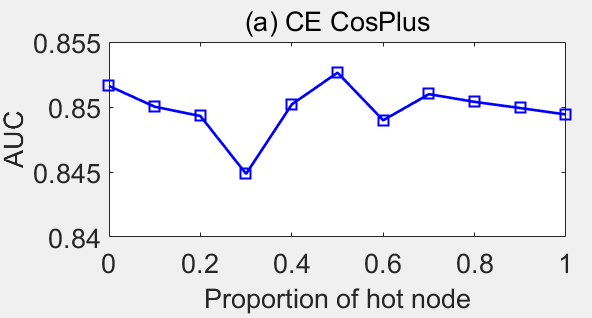
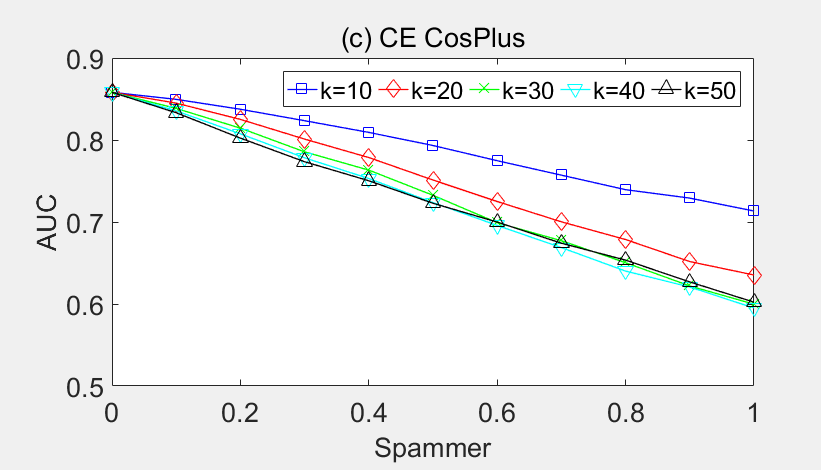
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### ACT

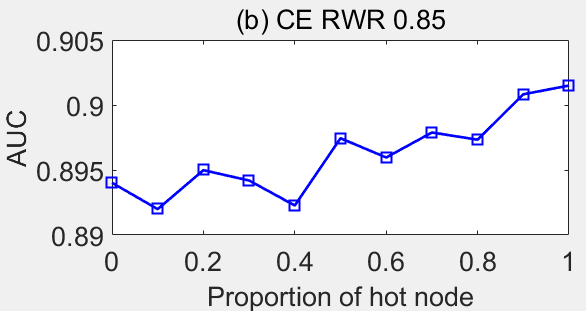
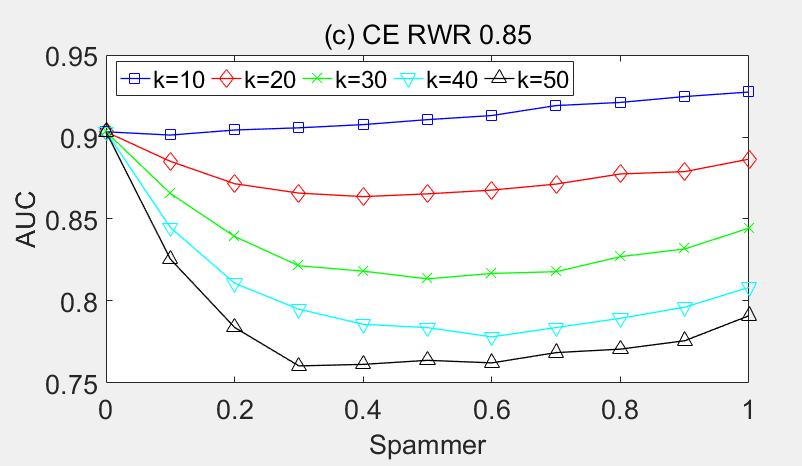
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### CosPlus

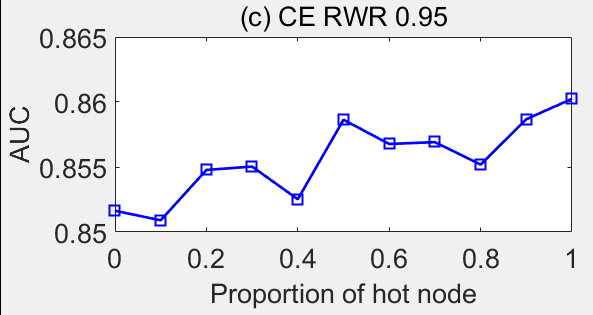
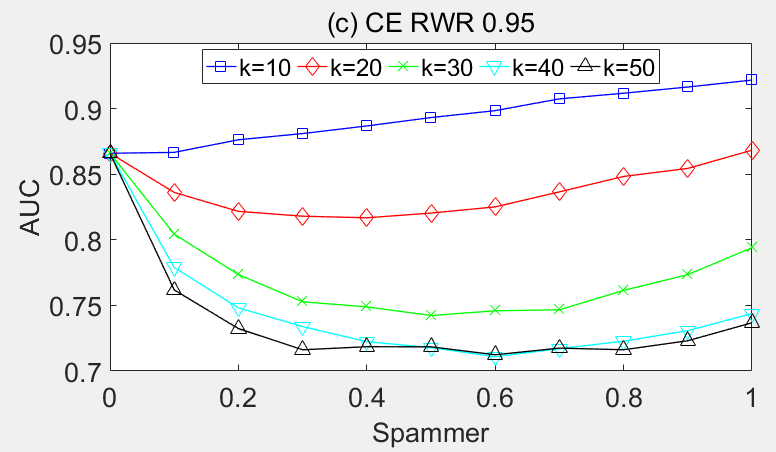
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### RWR 0.85

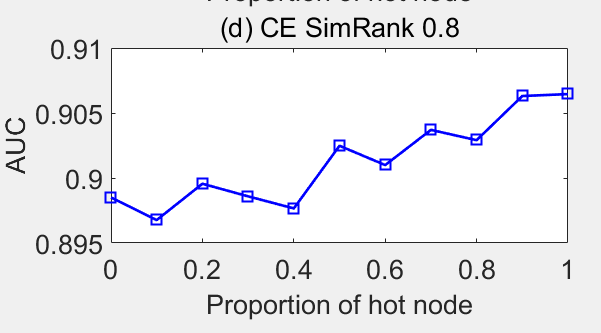
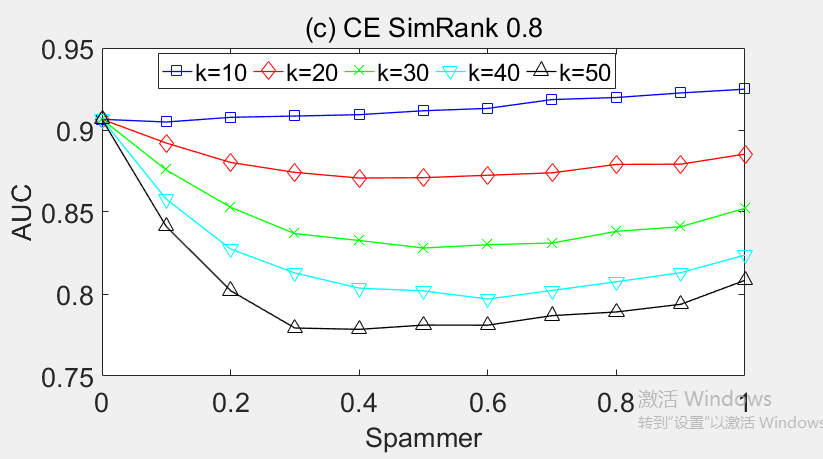
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### RWR 0.95

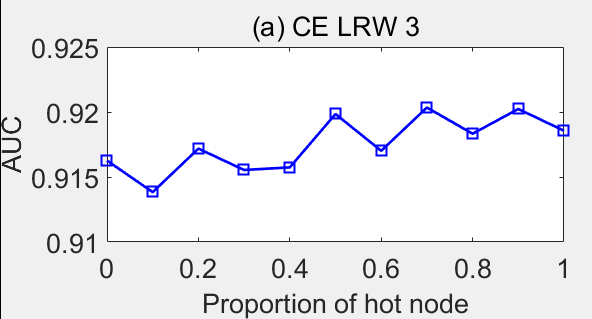
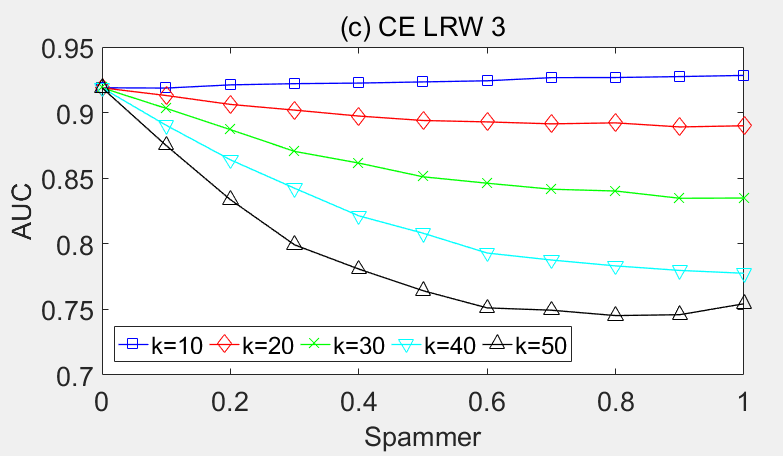
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### SimRank 0.8

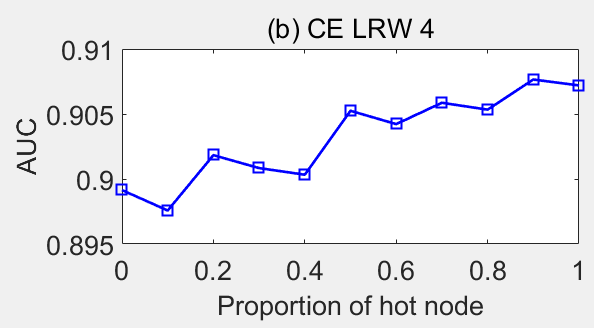
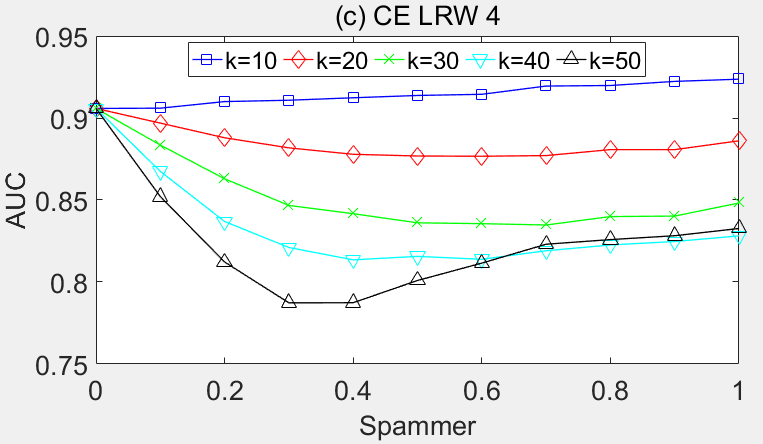
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LRW 3

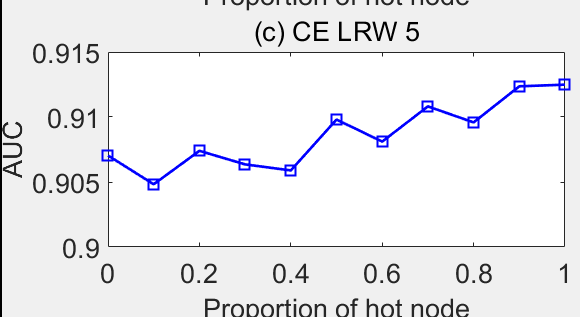
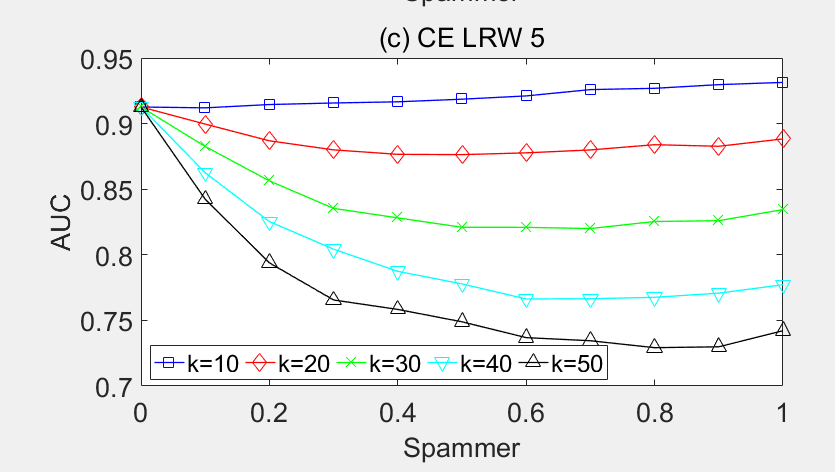
 

10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LRW 4

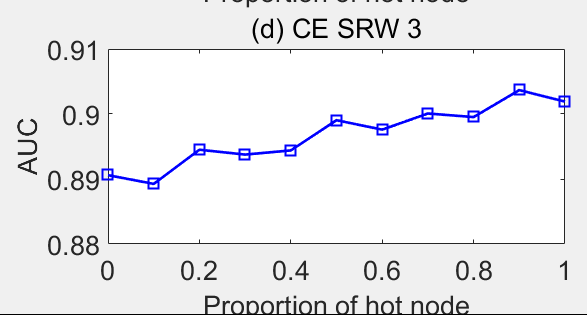
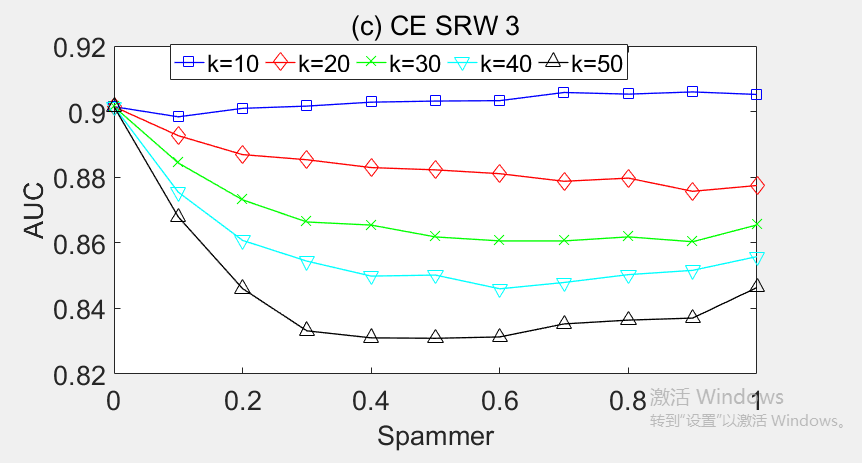
   
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### LRW 5

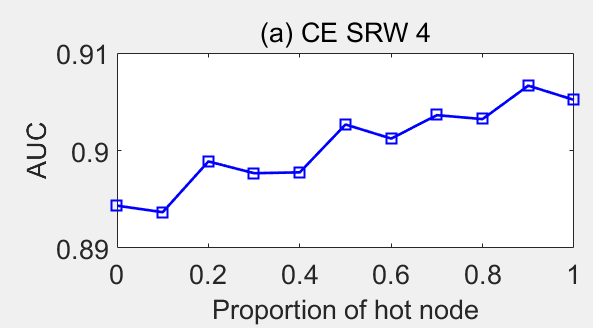
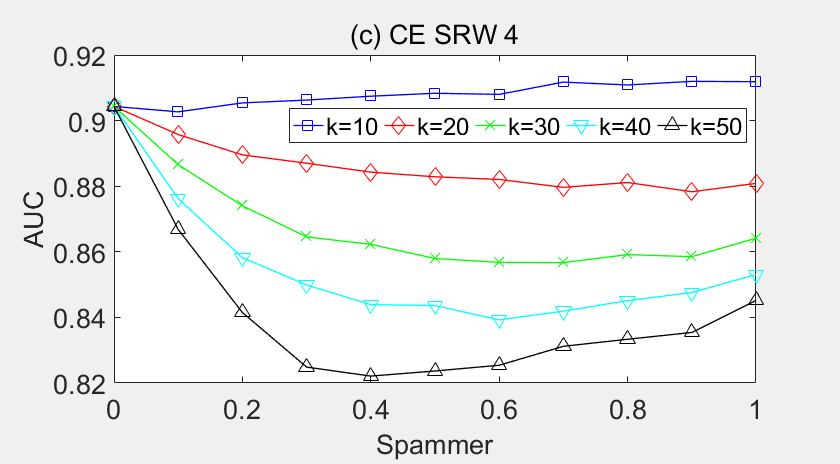
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### SRW 3

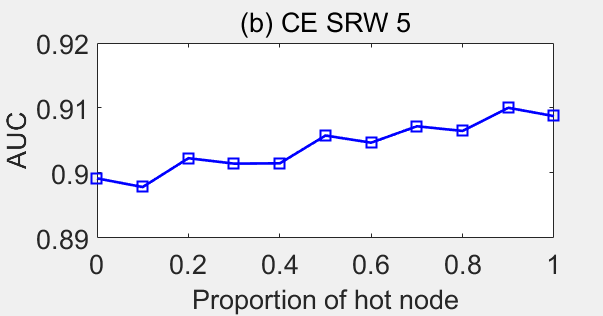
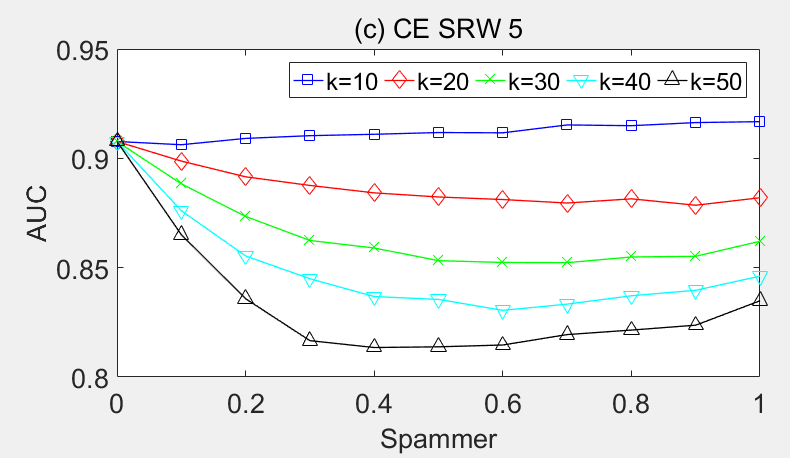
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### SRW 4

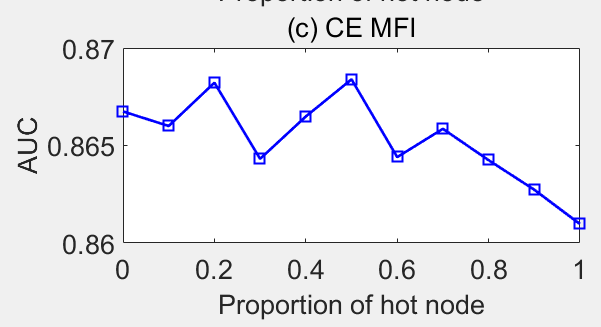
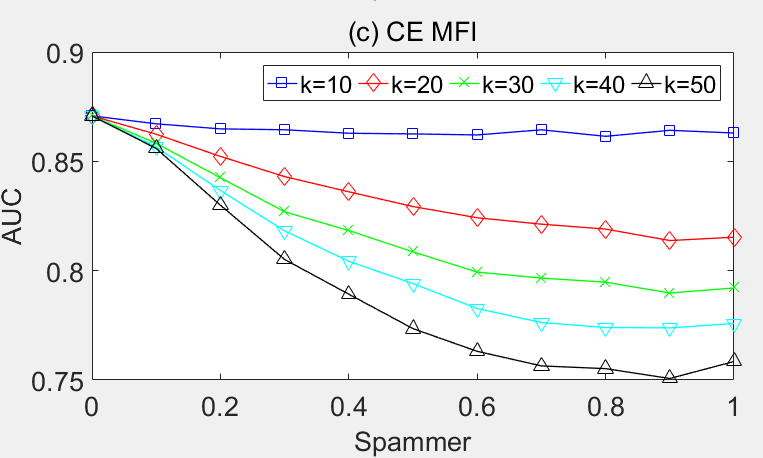
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### SRW 5

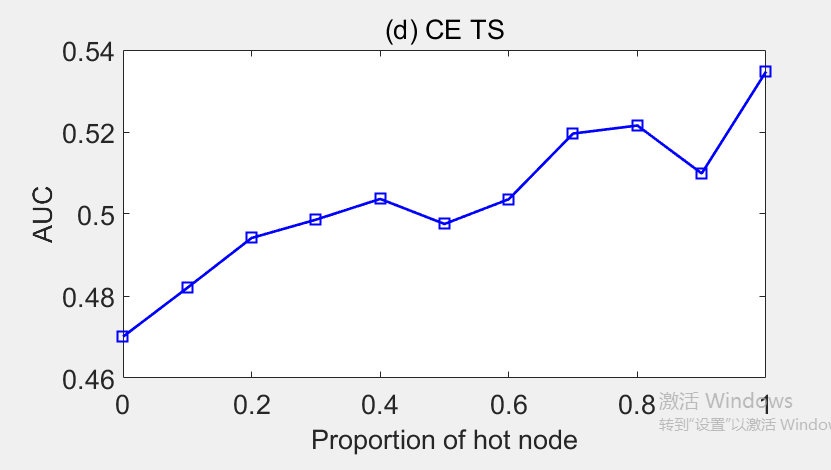
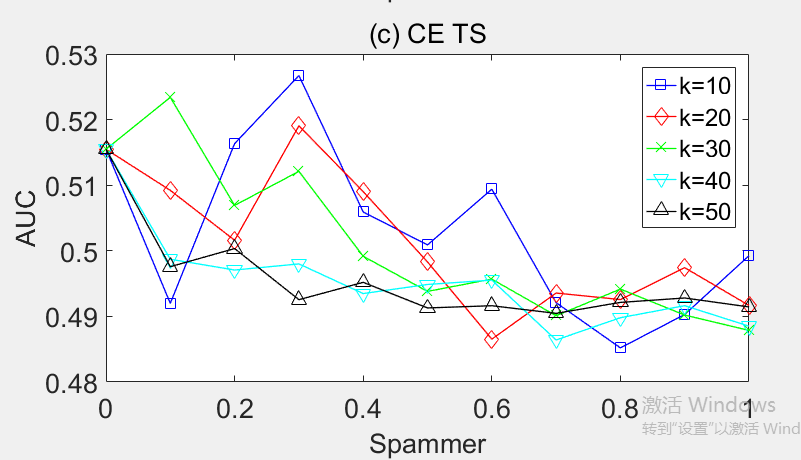
10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

### MFI

10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

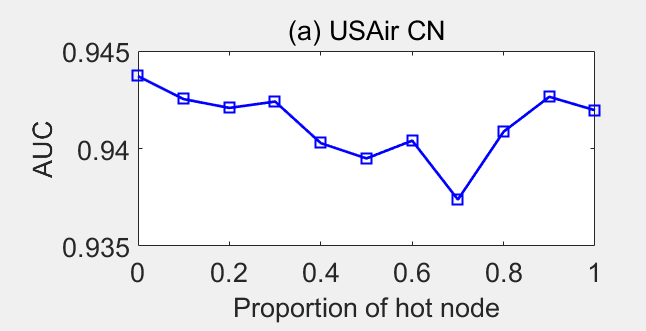
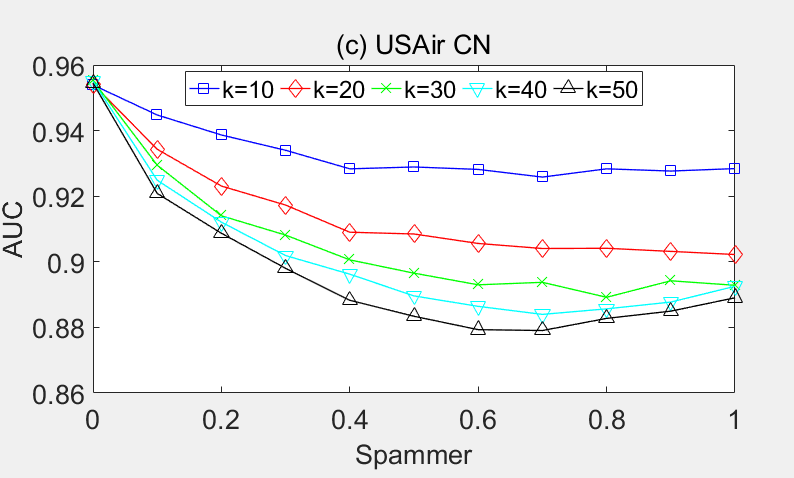
### TS自恰转移相似性

10%的spammer，node平均度为14 一半hot一般随机(横轴为SpammerNode比例

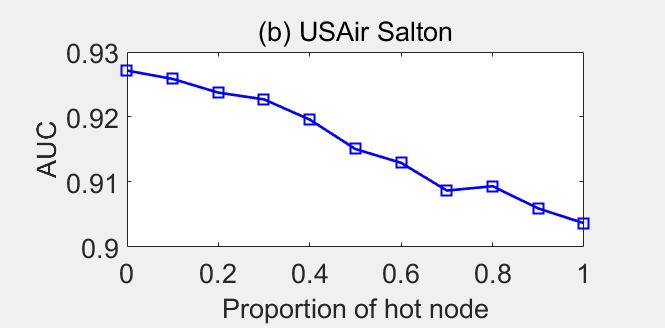
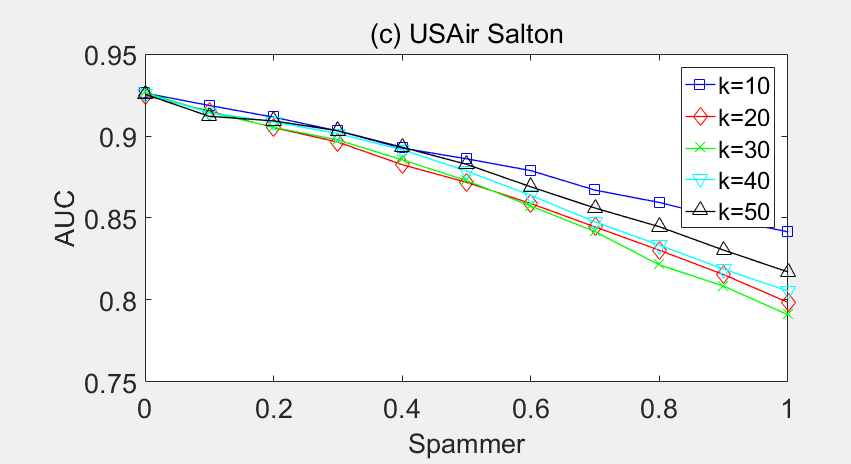
# Usair数据集实验100次

### CN Common Neighbours

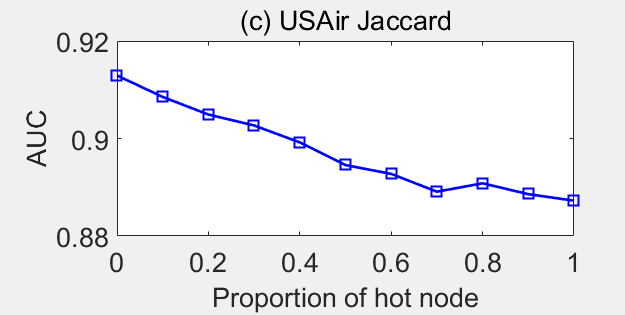
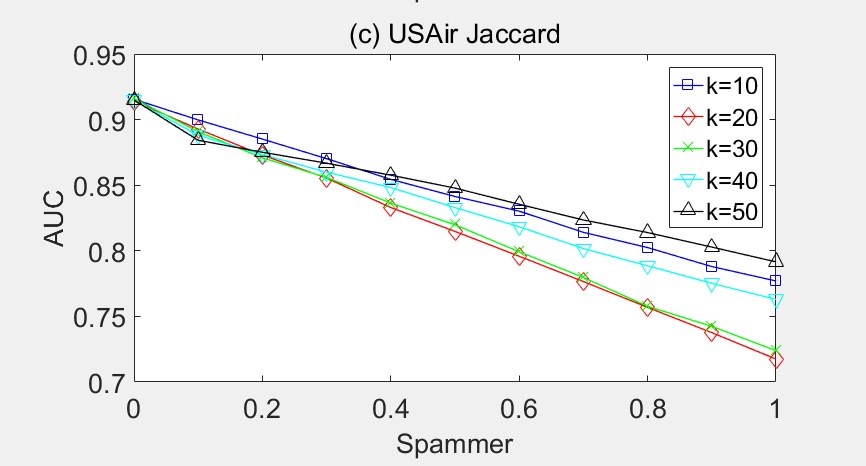
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### Salton Salton Index -The Salton index

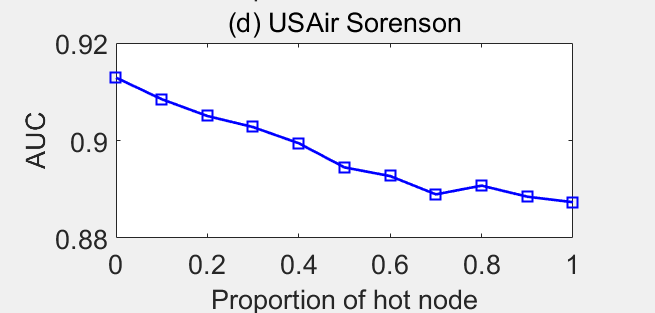
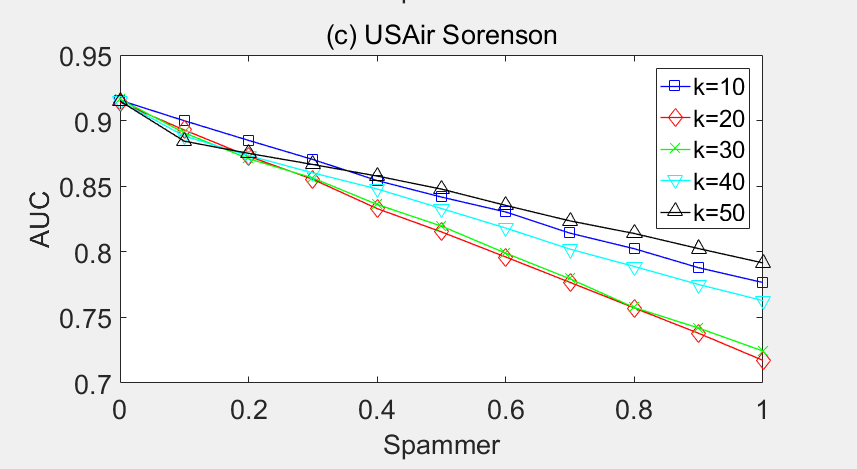
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### Jaccard Jaccard Index

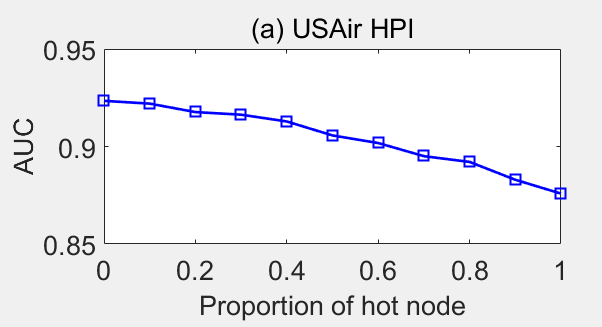
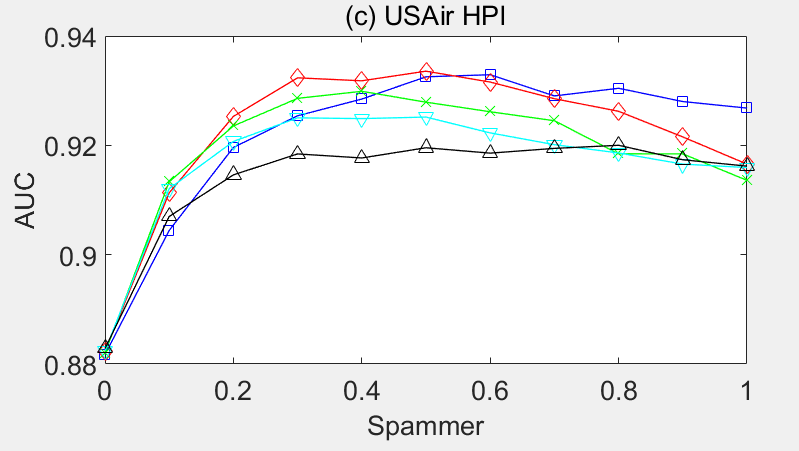
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### Sorenson Sorensen Index

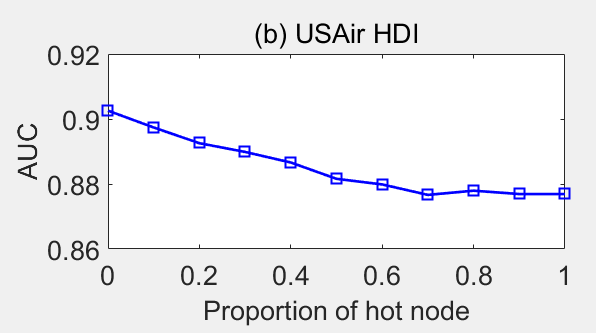
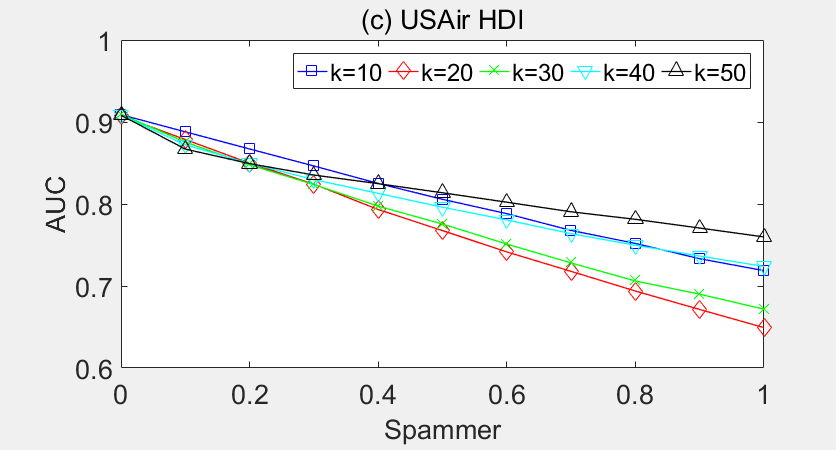
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### HPI Hub Promoted Index

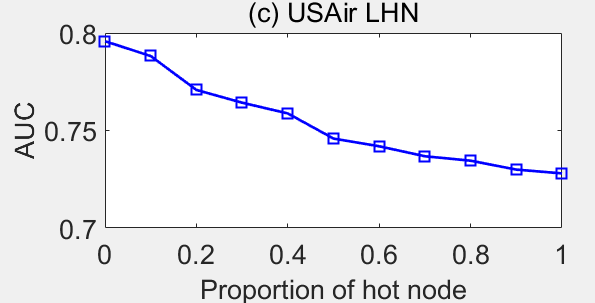
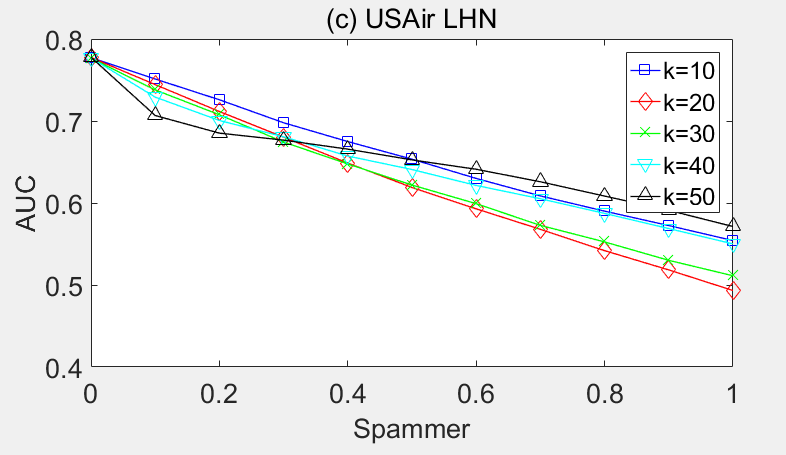
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### HDI Hub Depressed Index

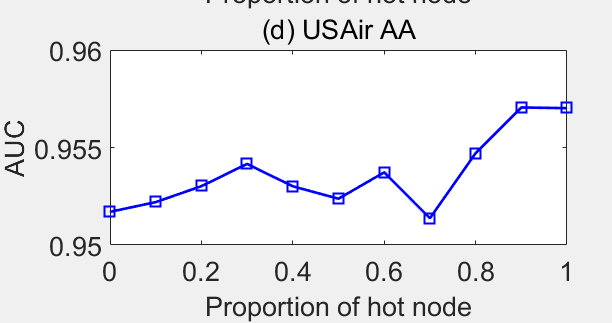
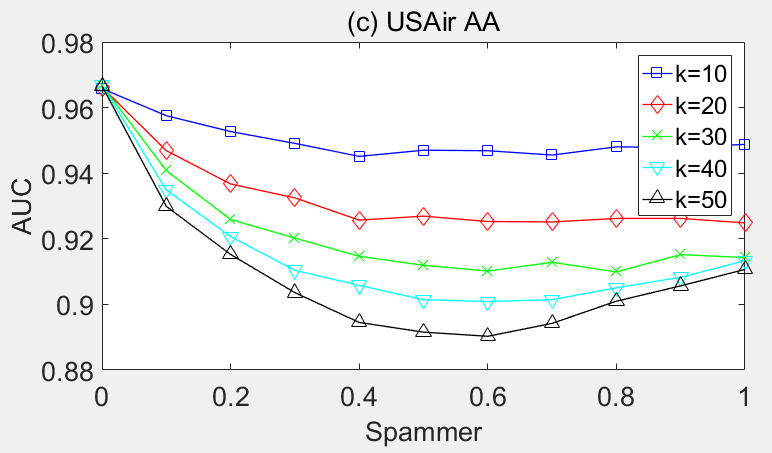
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### LHN Leicht-Holme-Newman Index

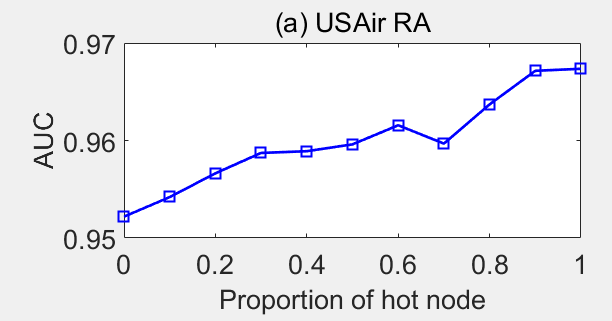
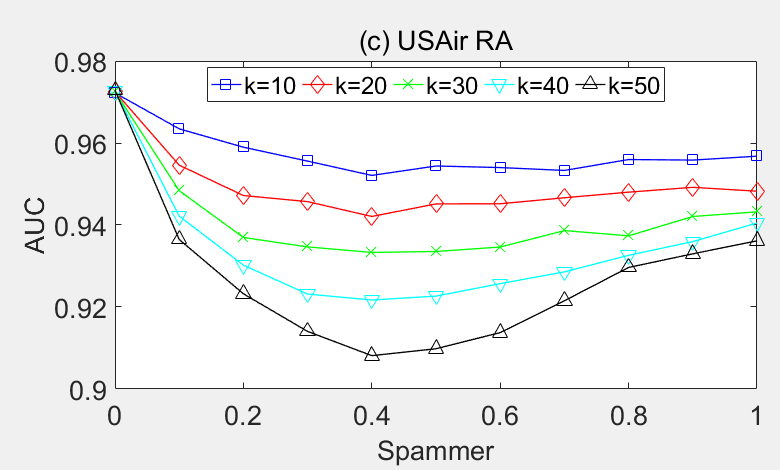
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### AA Adamic-Adar Index

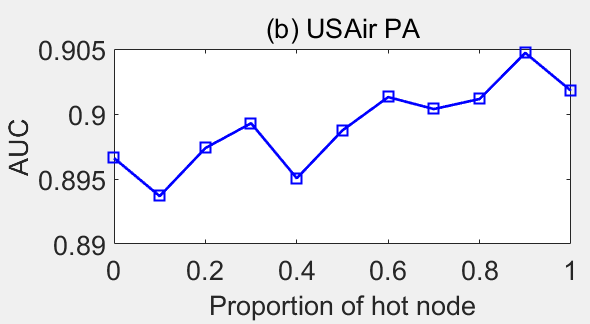
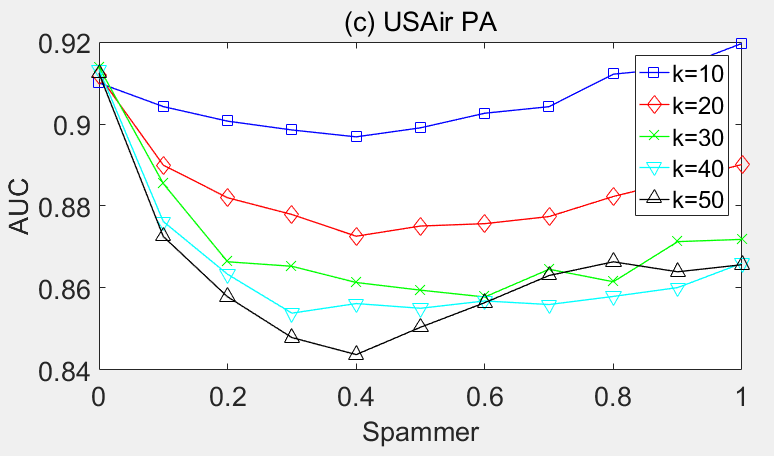
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例)

### RA Resource Allocation

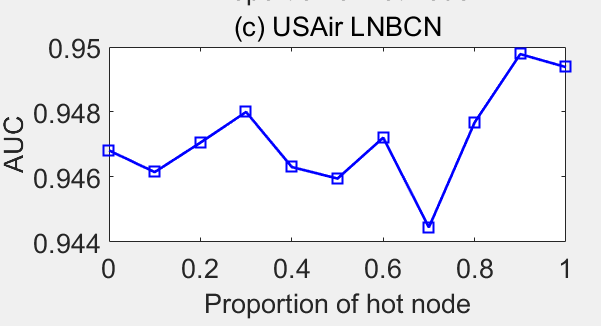
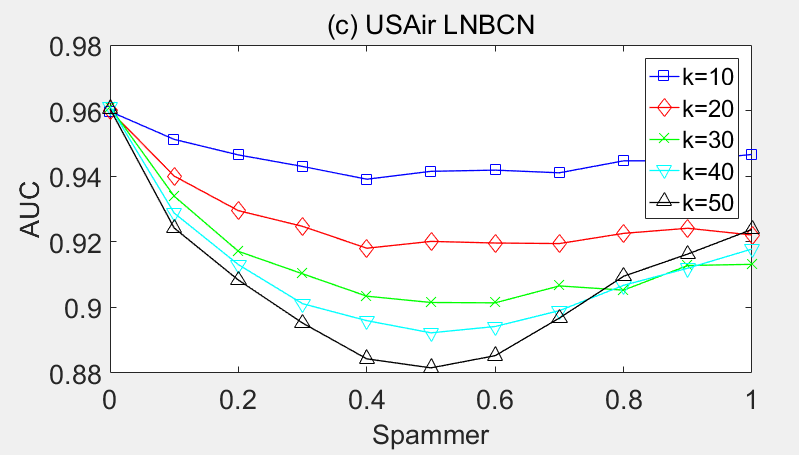
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### PA Preferential Attachment

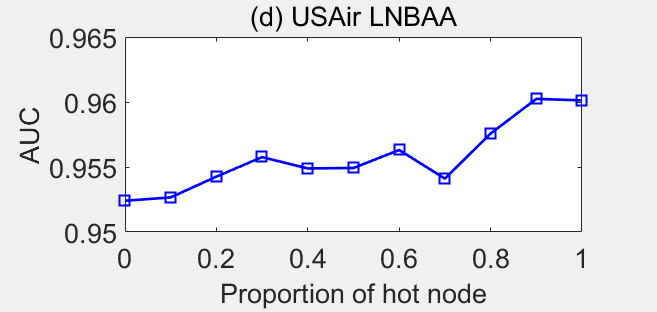
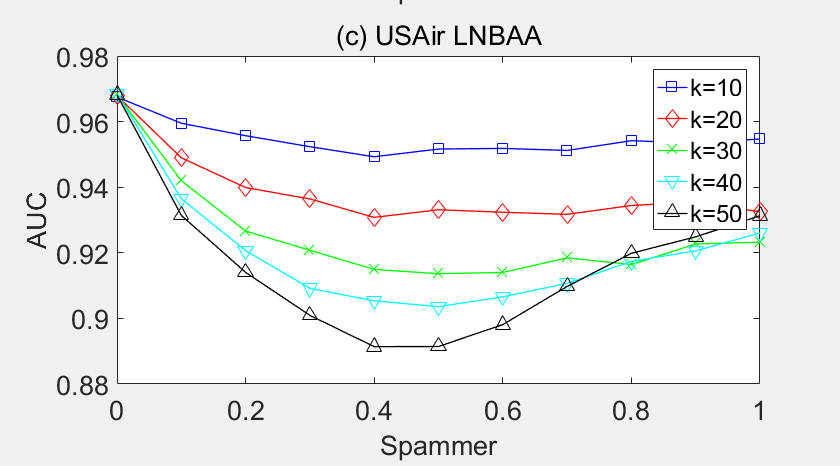
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LNBCN局部朴素贝叶斯模型

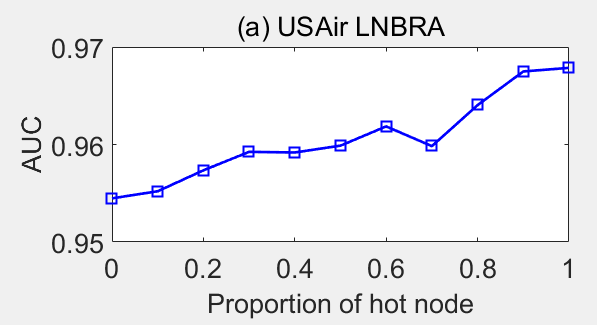
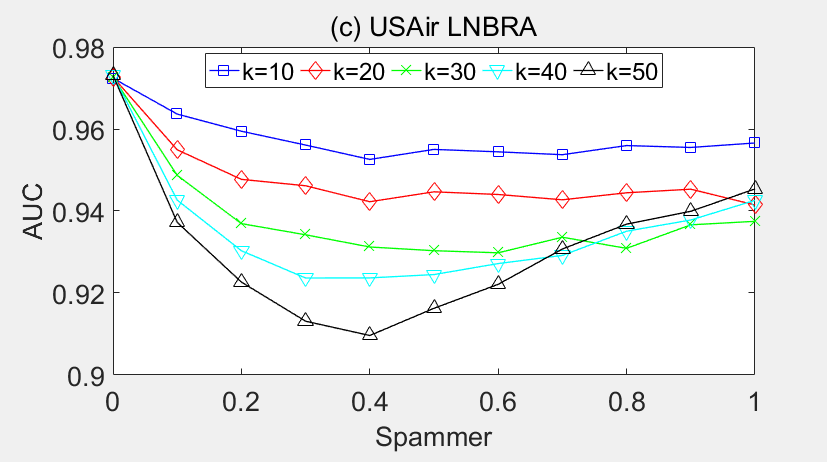
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LNBAA局部朴素贝叶斯模型

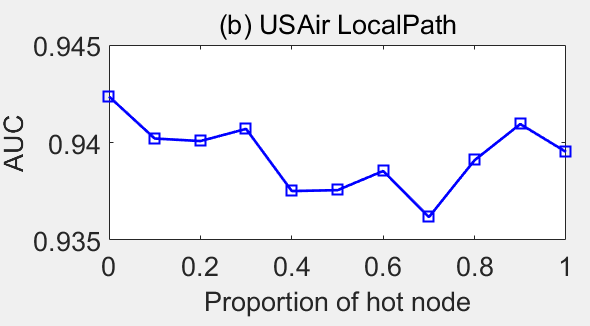
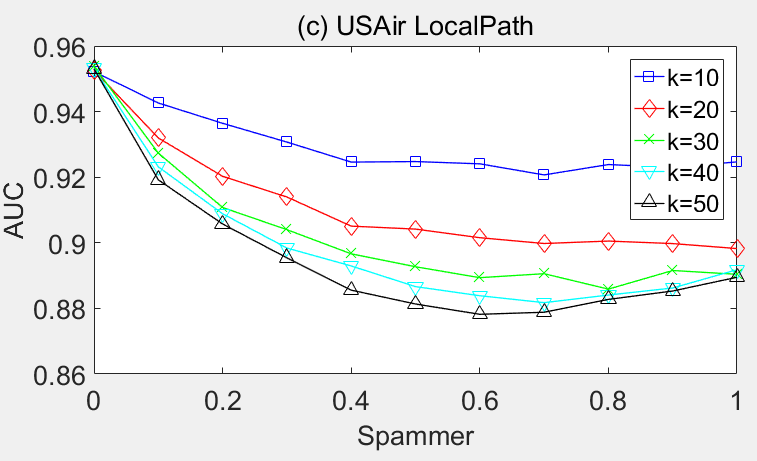
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LNBRA局部朴素贝叶斯模型

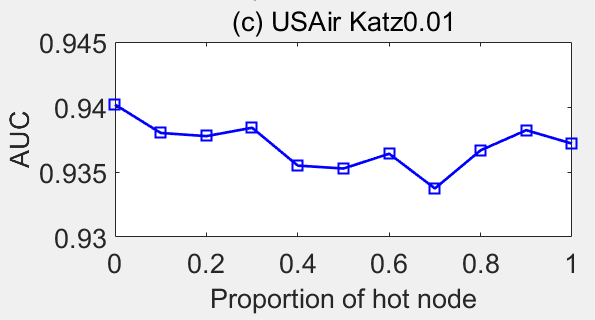
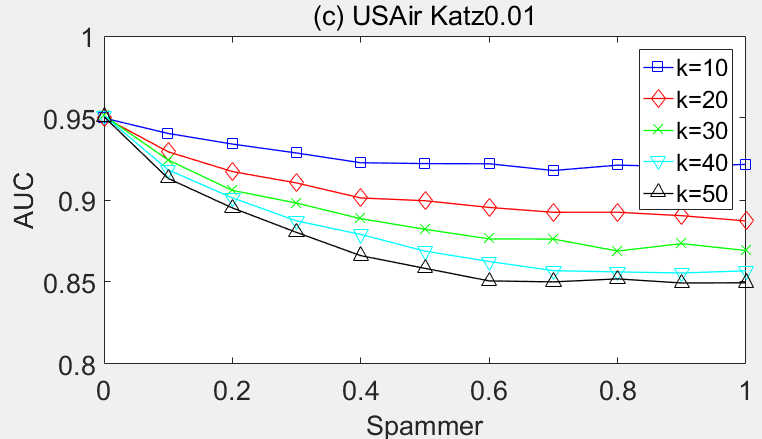
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### Local Path Index

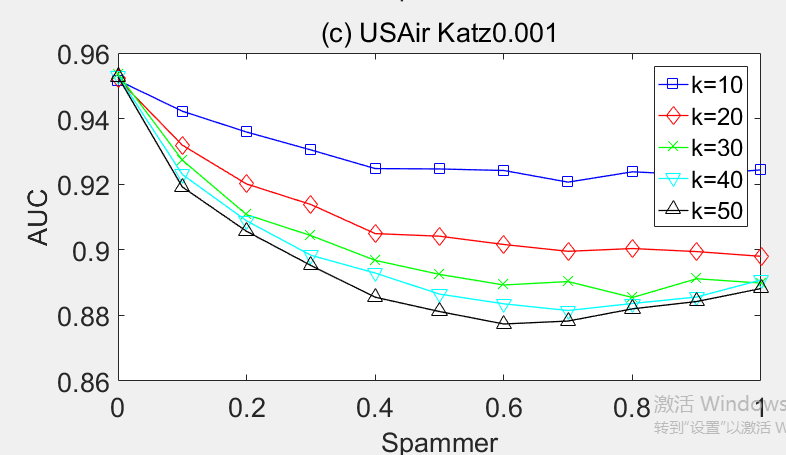
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### Katz0.01

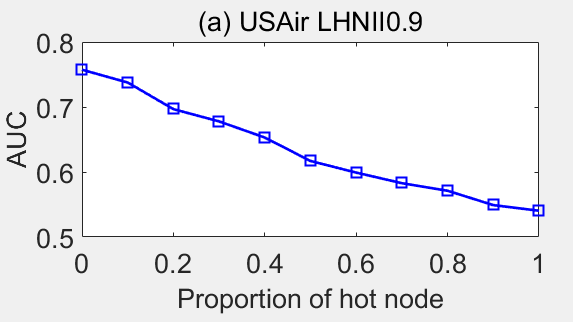
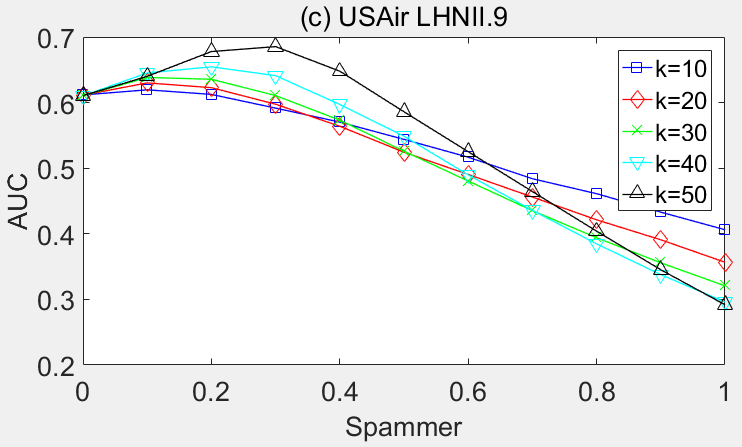
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### Katz0.001

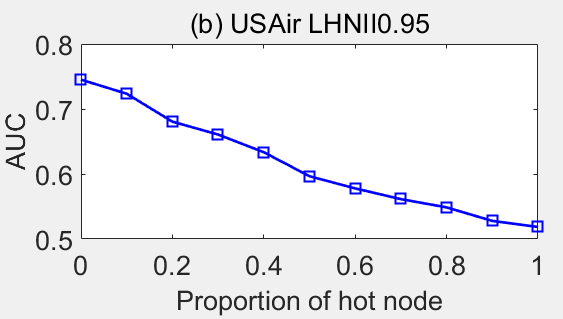
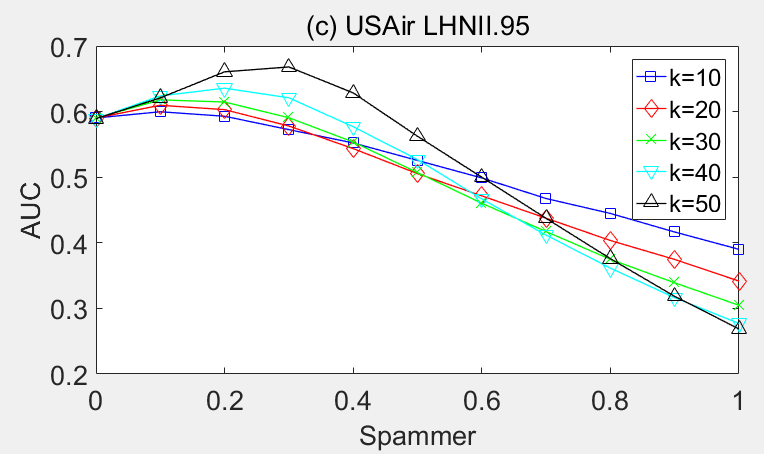
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LHNII.9

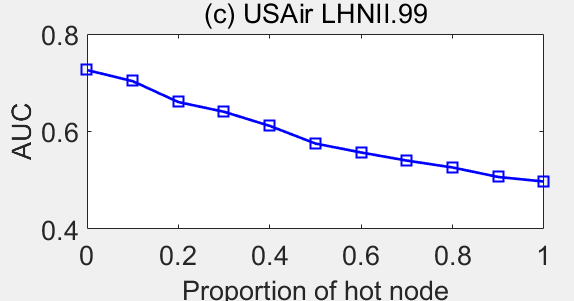
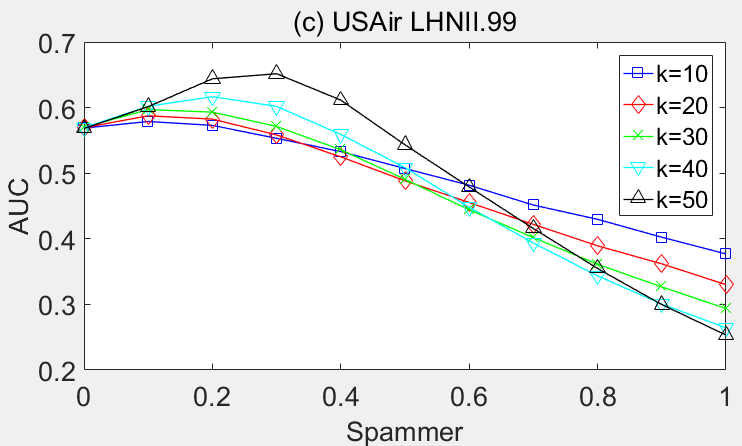
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LHNII.95

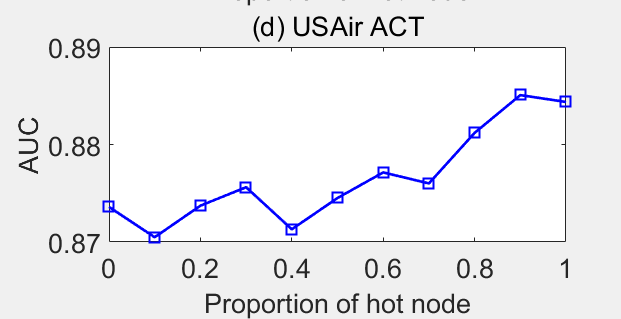
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LHNII.99

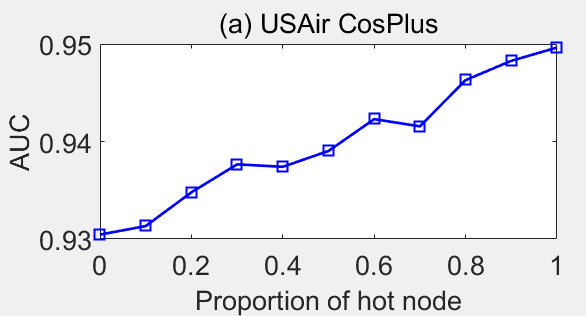
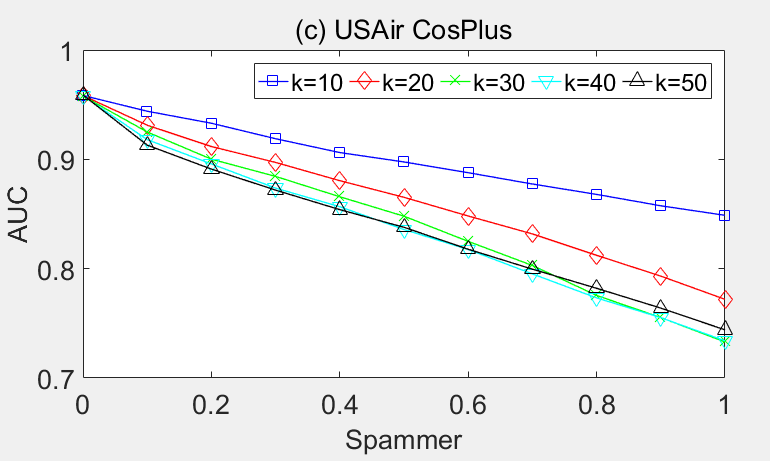
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### ACT

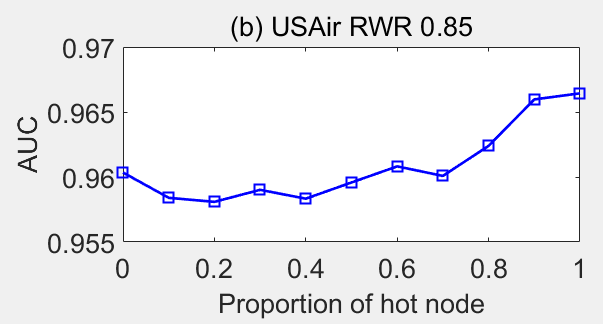
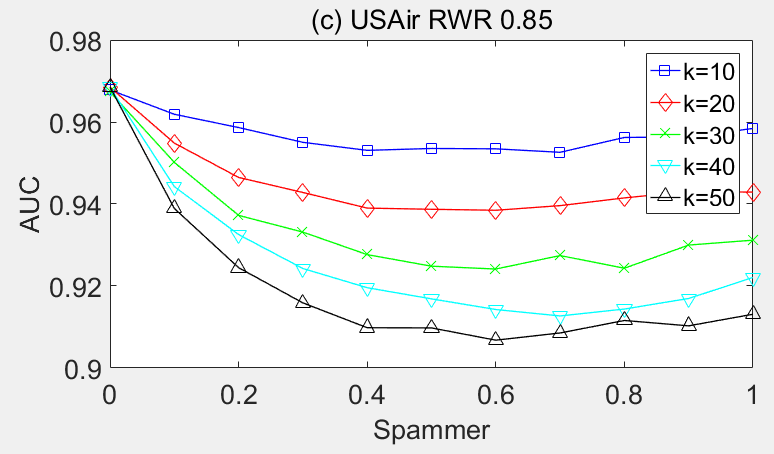
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### CosPlus

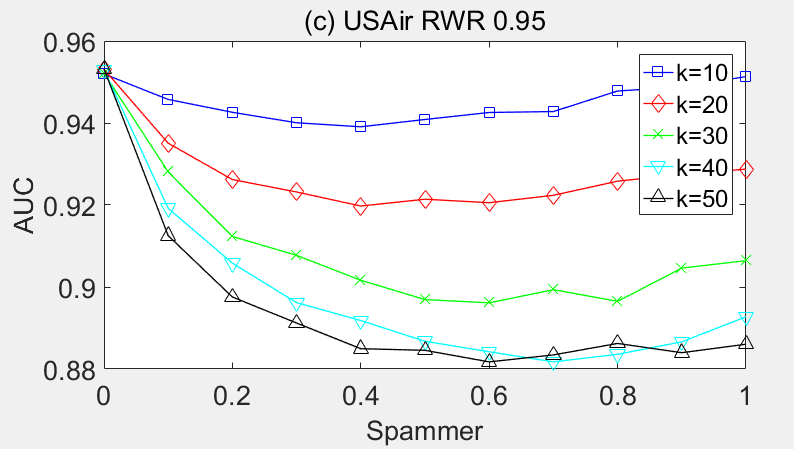
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### RWR 0.85

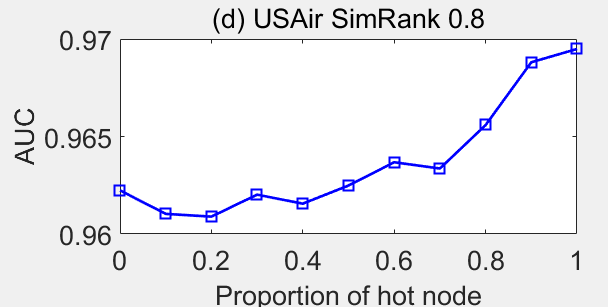
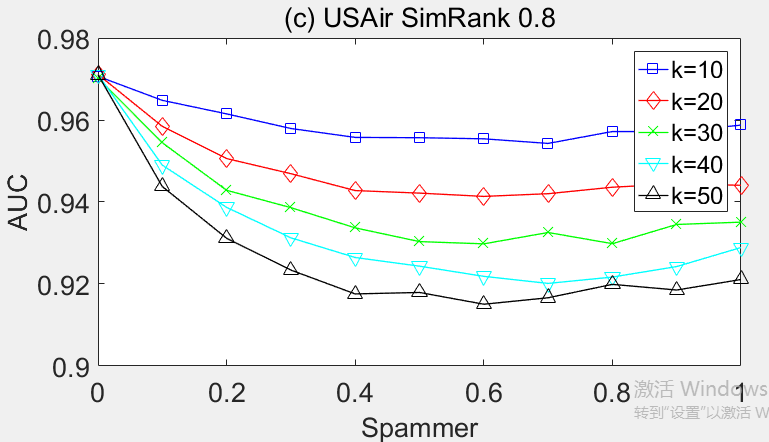
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### RWR 0.95

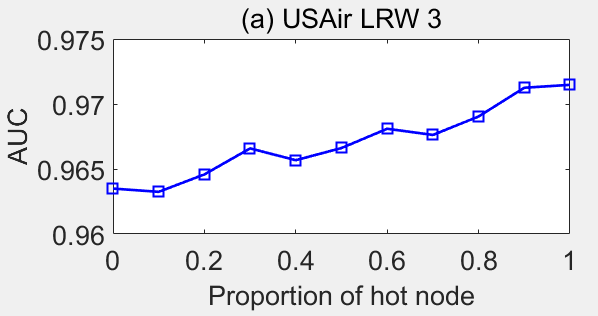
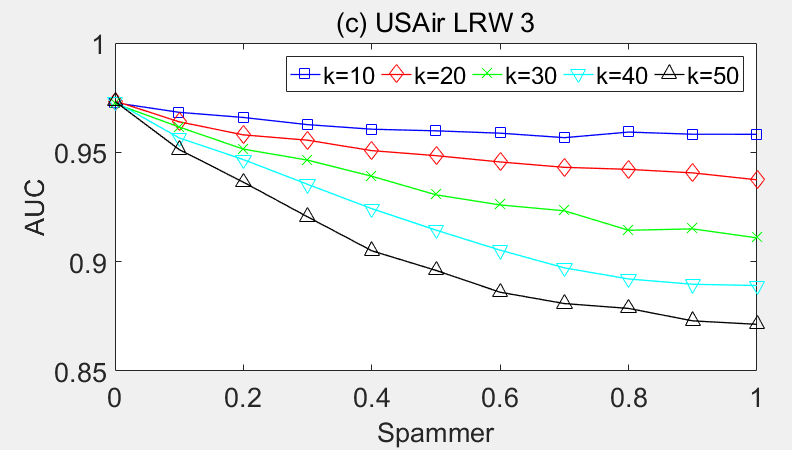
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### SimRank 0.8

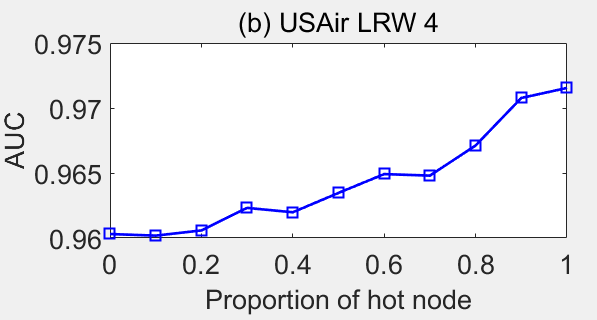
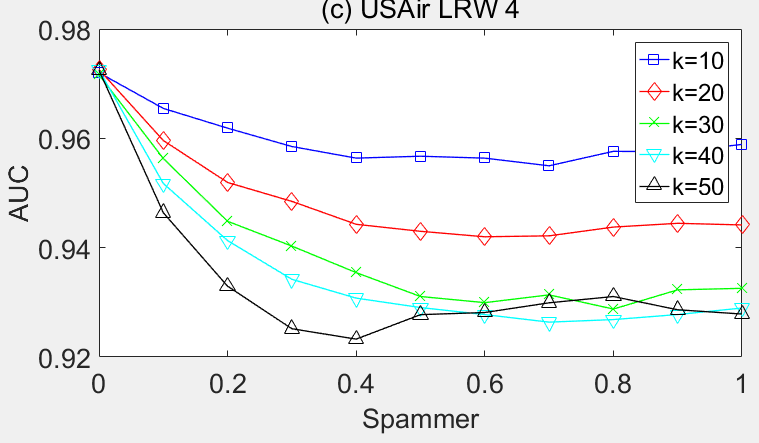
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LRW 3

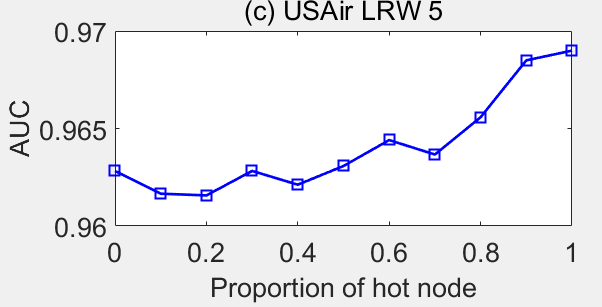
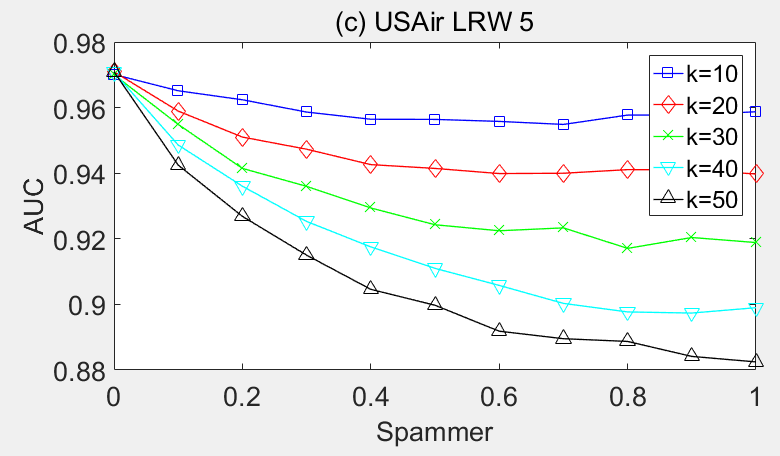
 

10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LRW 4

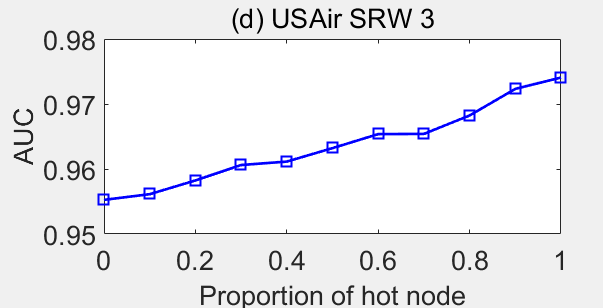
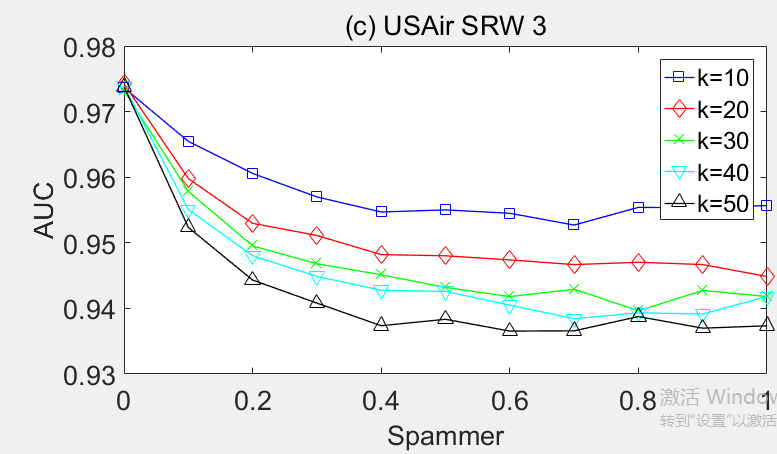
   
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### LRW 5

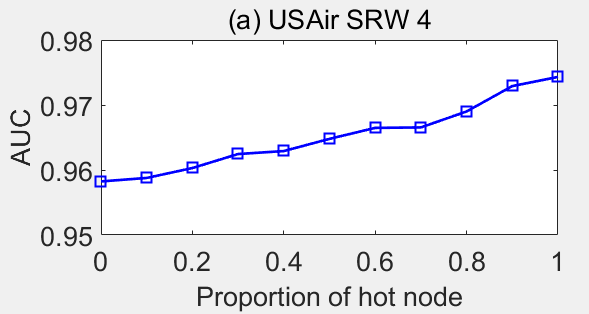
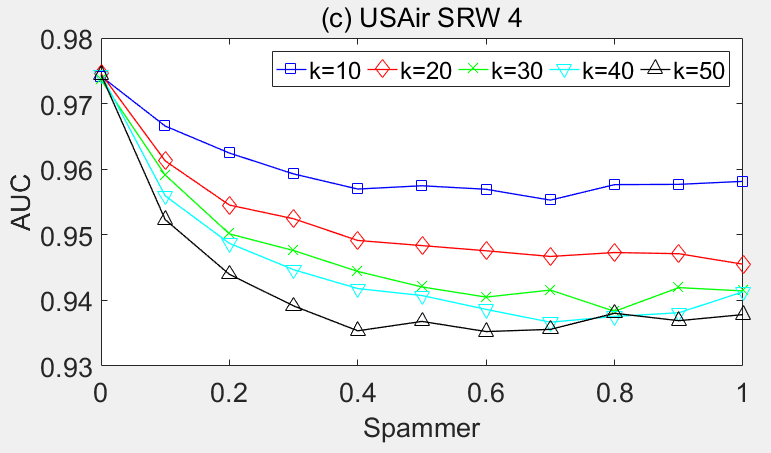
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### SRW 3

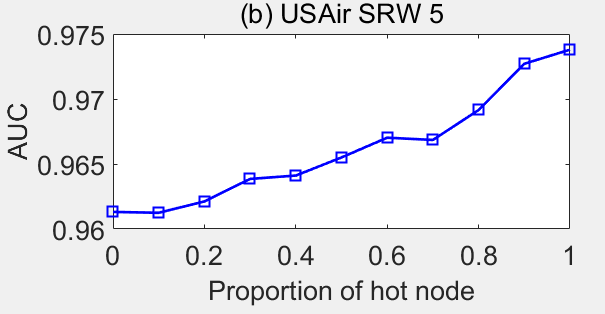
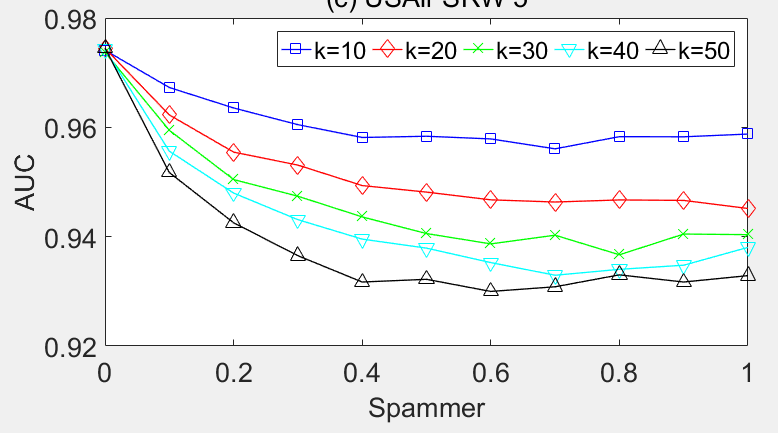
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### SRW 4

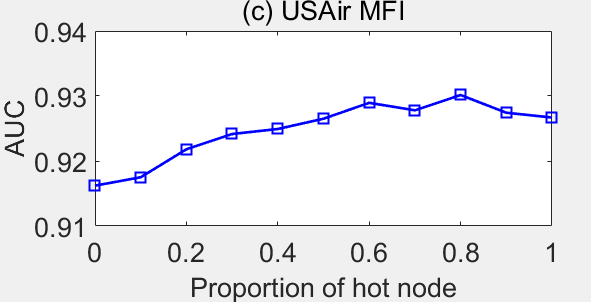
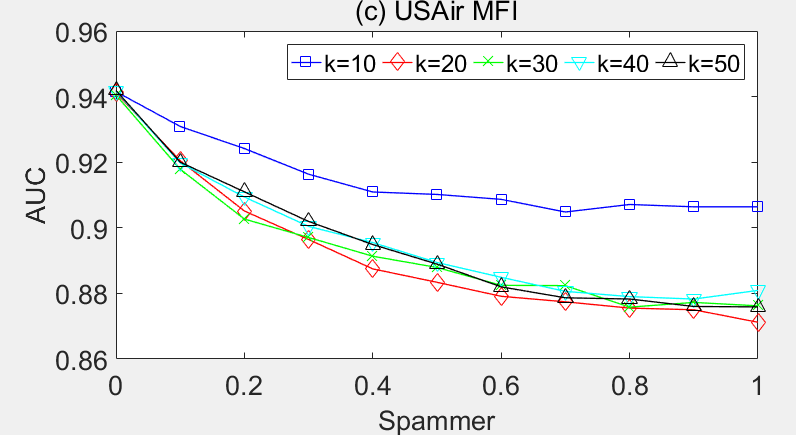
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### SRW 5

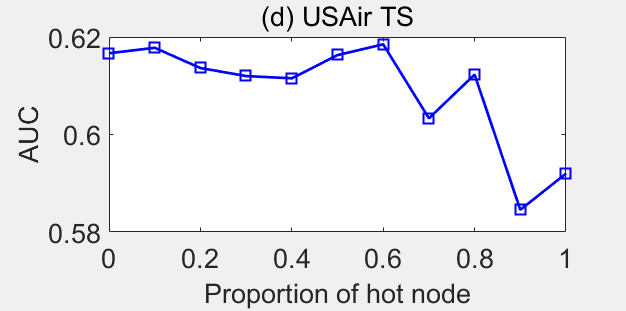
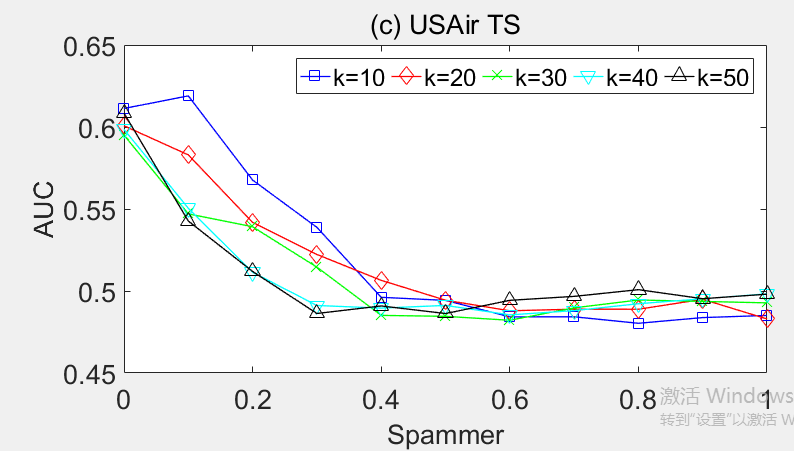
10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

### MFI

10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

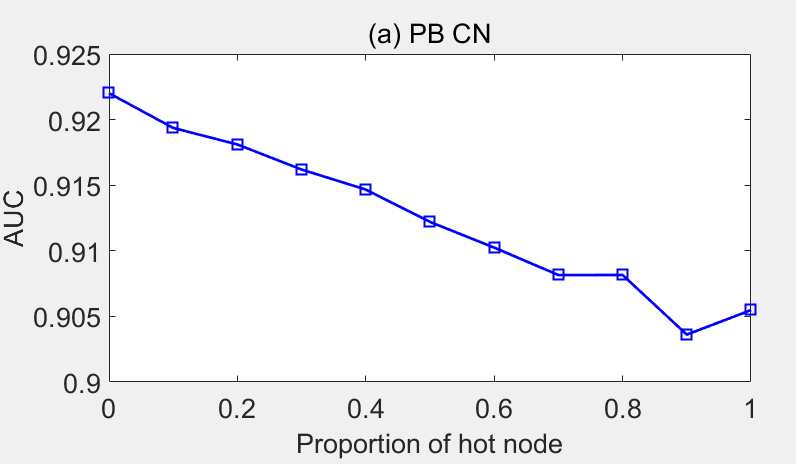
### TS自恰转移相似性

10%的spammer，node平均度为13 一半hot一般随机(横轴为SpammerNode比例

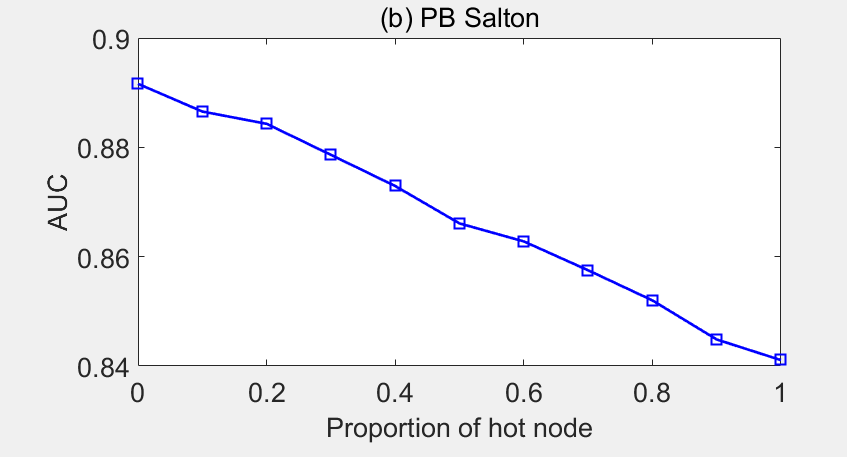
# PB数据集实验50次（还有一种图没有出结果）

### CN Common Neighbours



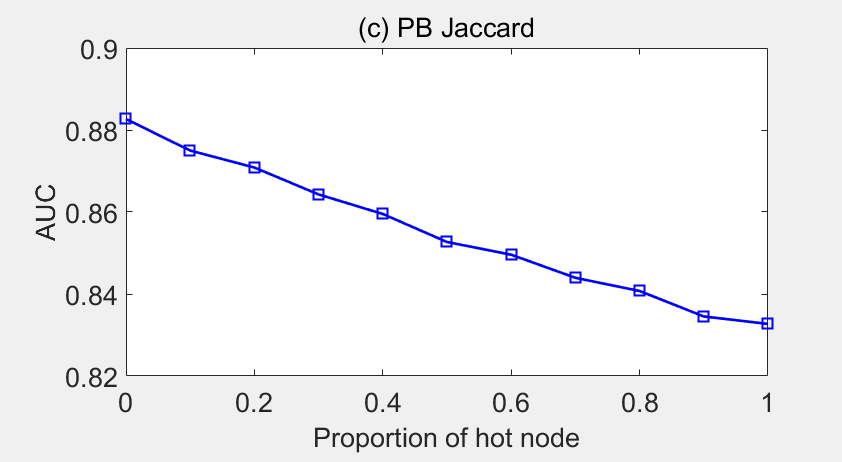
10%的spammer，node平均度为27

### Salton Salton Index -The Salton index



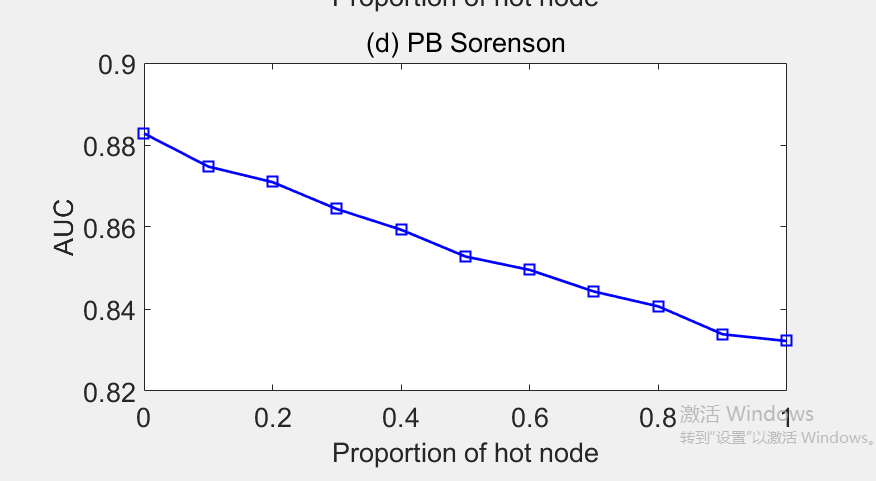
10%的spammer，node平均度为27

### Jaccard Jaccard Index



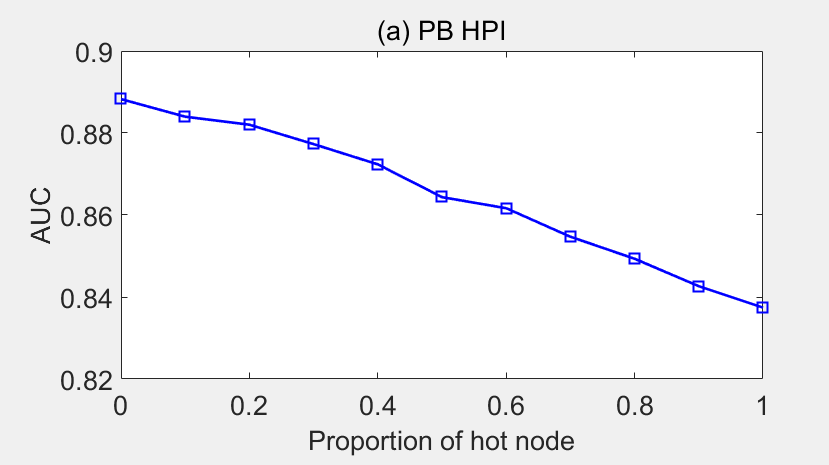
10%的spammer，node平均度为27

### Sorenson Sorensen Index



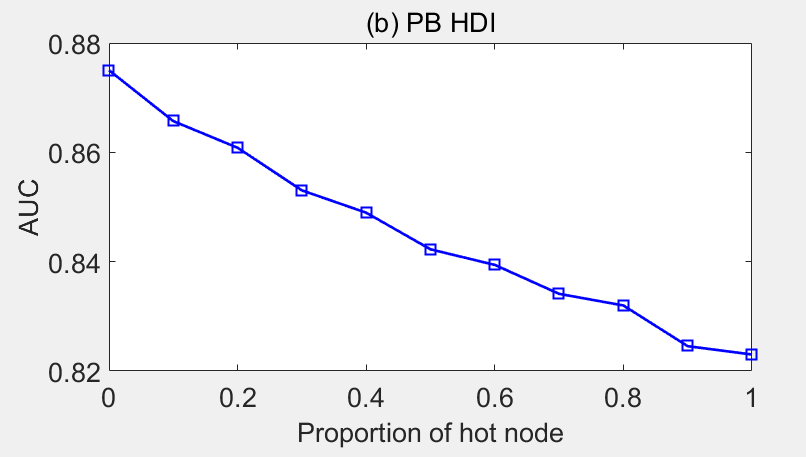
10%的spammer，node平均度为27

### HPI Hub Promoted Index



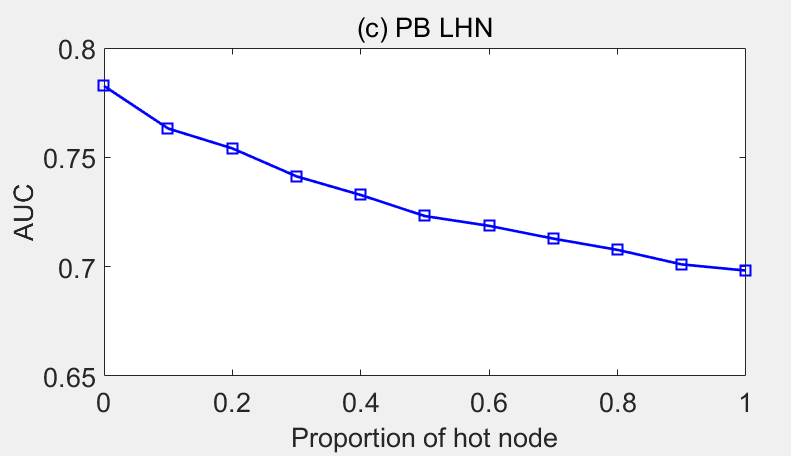
10%的spammer，node平均度为27

### HDI Hub Depressed Index



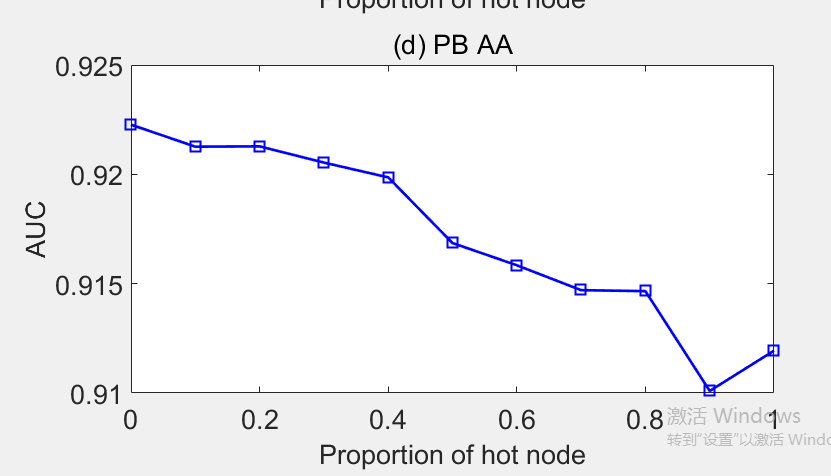
10%的spammer，node平均度为27

### LHN Leicht-Holme-Newman Index



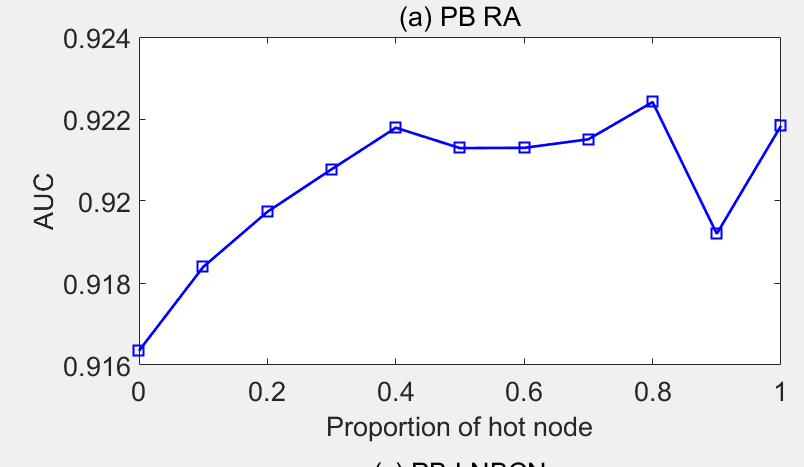
10%的spammer，node平均度为27

### AA Adamic-Adar Index



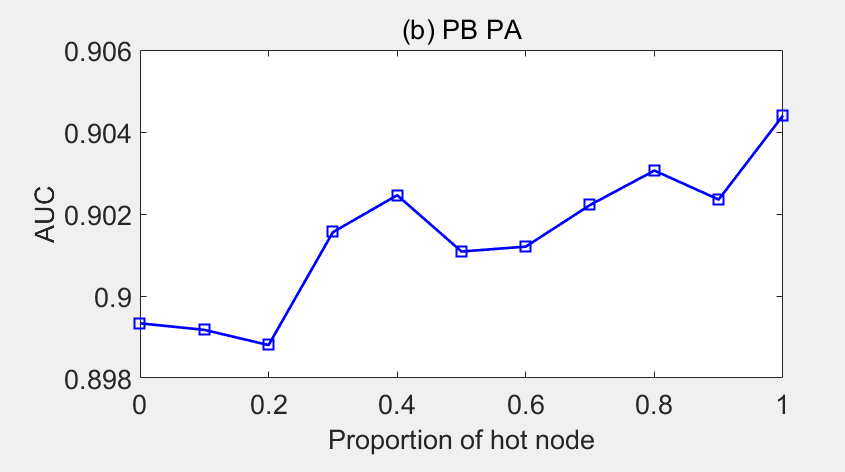
10%的spammer，node平均度为27

### RA Resource Allocation



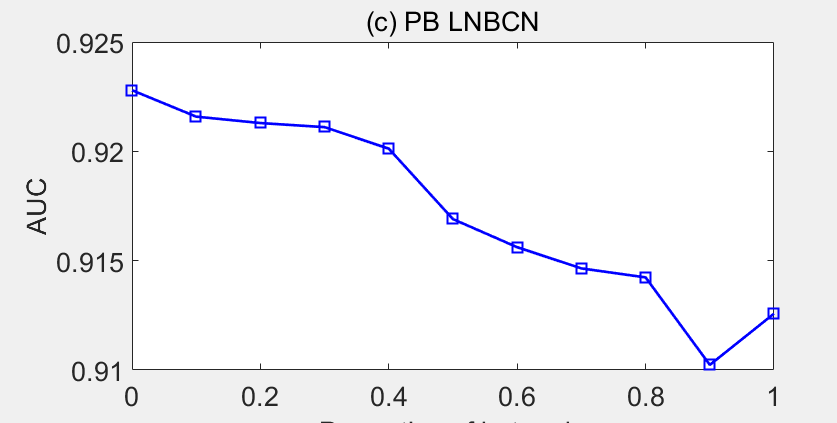
10%的spammer，node平均度为27

### PA Preferential Attachment



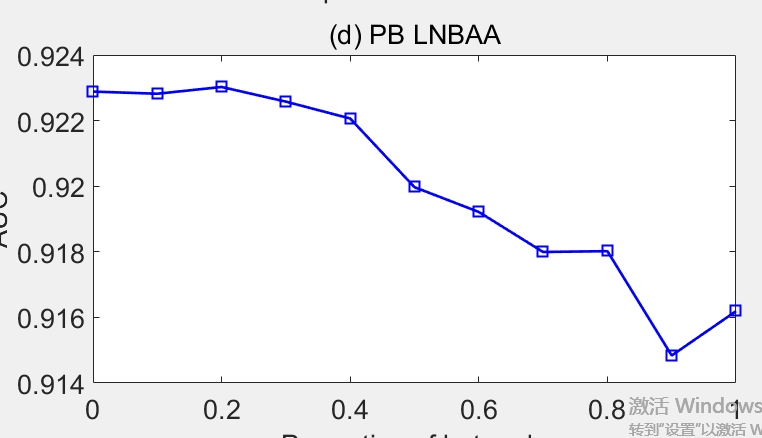
10%的spammer，node平均度为27

### LNBCN局部朴素贝叶斯模型



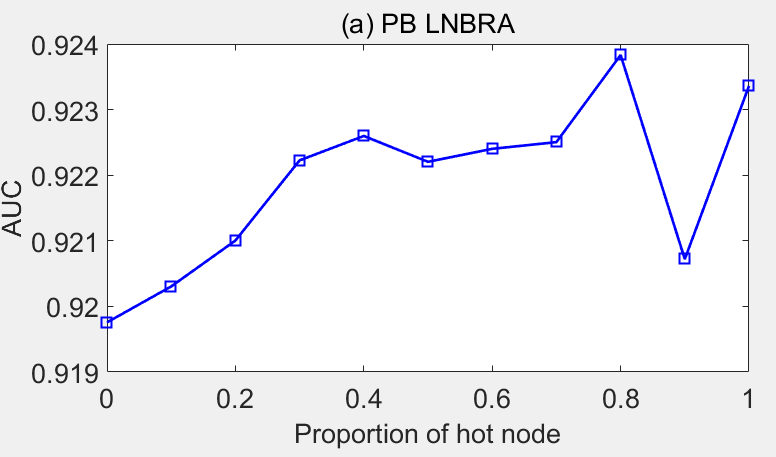
10%的spammer，node平均度为27

### LNBAA局部朴素贝叶斯模型



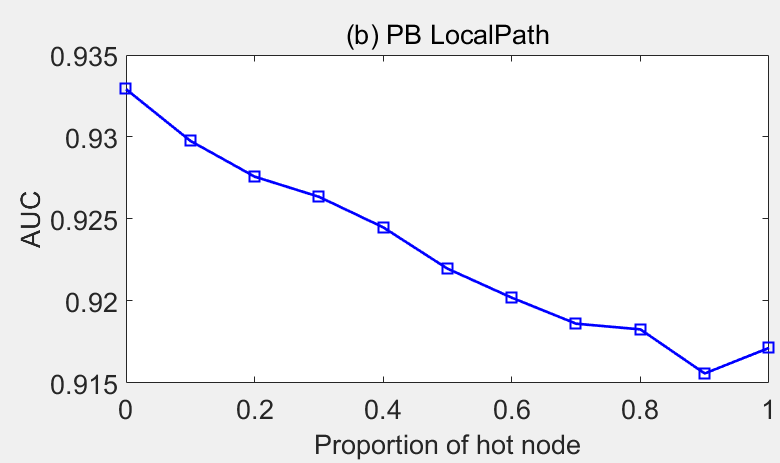
10%的spammer，node平均度为27

### LNBRA局部朴素贝叶斯模型



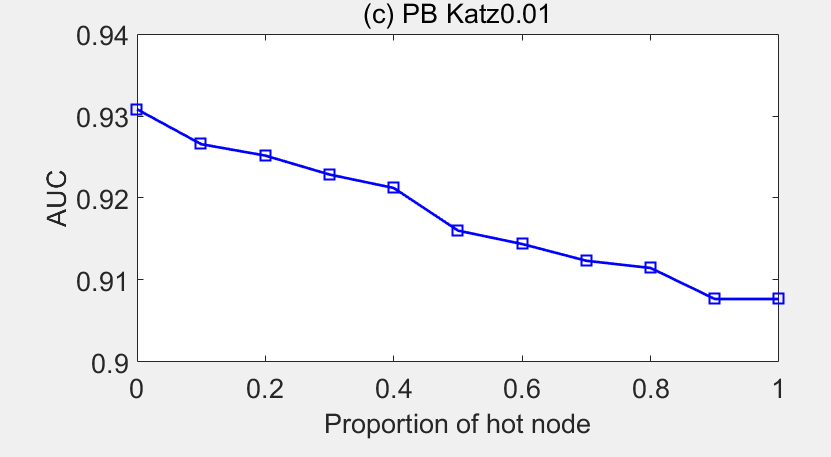
10%的spammer，node平均度为27

### Local Path Index



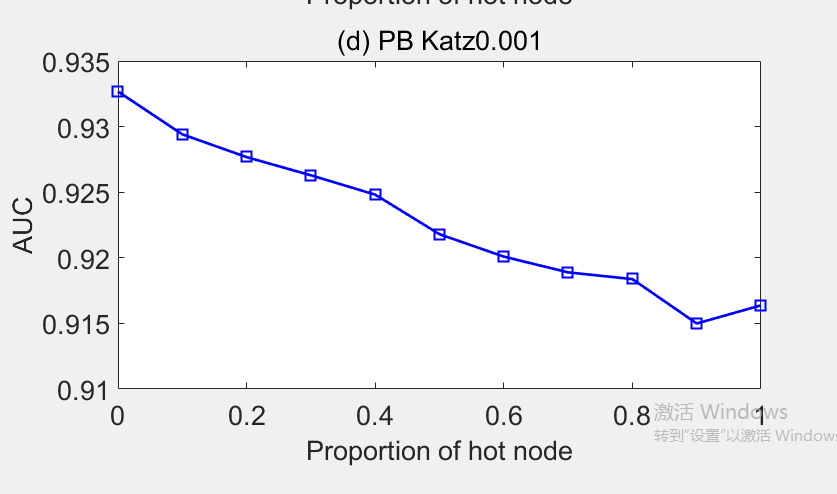
10%的spammer，node平均度为27

### Katz0.01



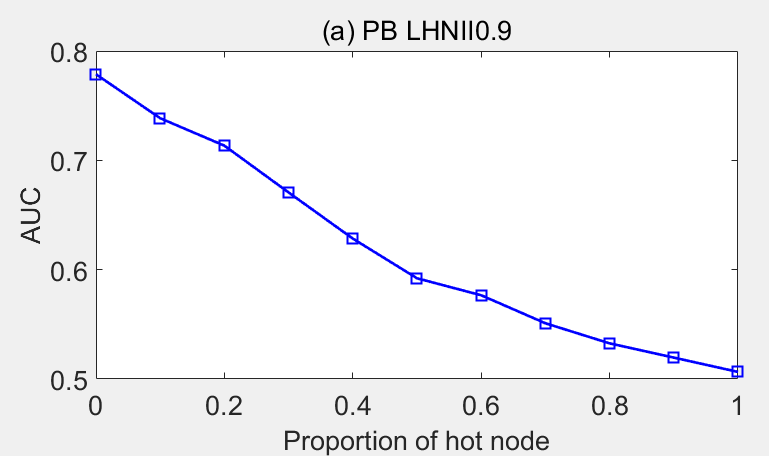
10%的spammer，node平均度为27

### Katz0.001



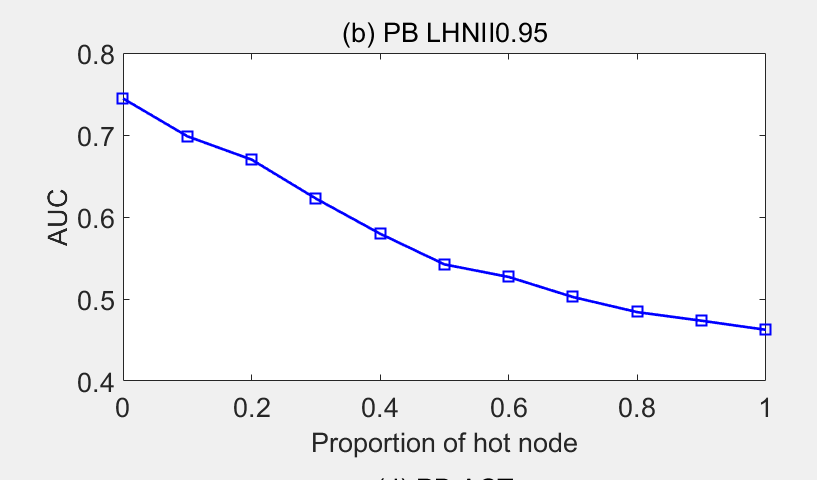
10%的spammer，node平均度为27

### LHNII.9



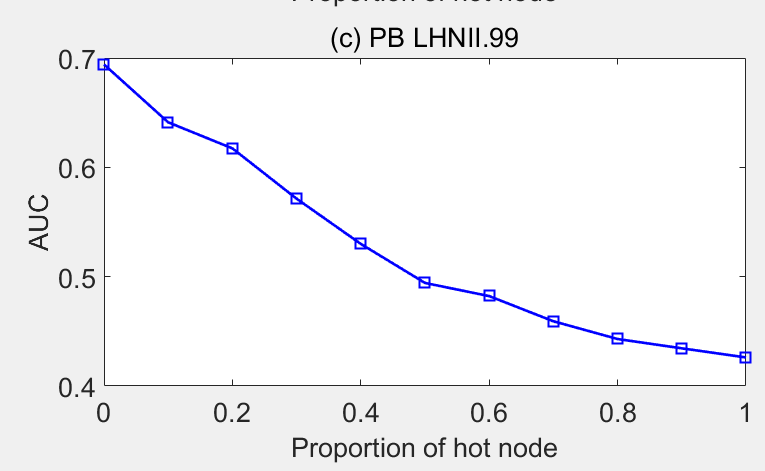
10%的spammer，node平均度为27

### LHNII.95



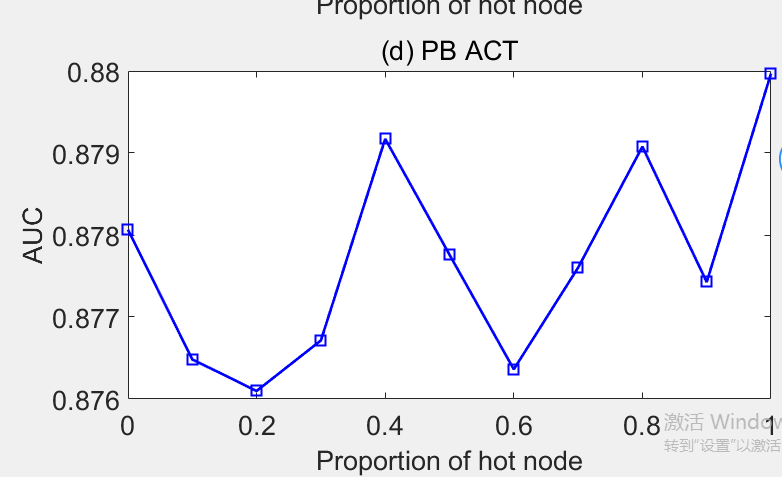
10%的spammer，node平均度为27

### LHNII.99



10%的spammer，node平均度为27

### ACT



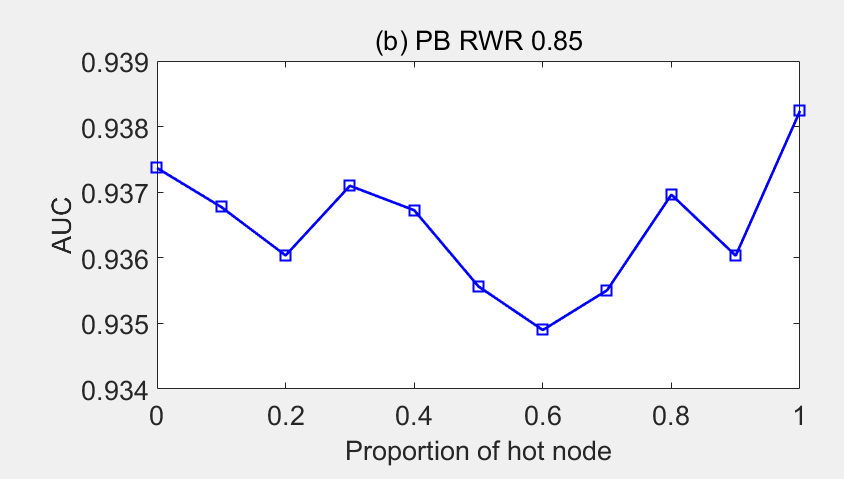
10%的spammer，node平均度为27

### CosPlus



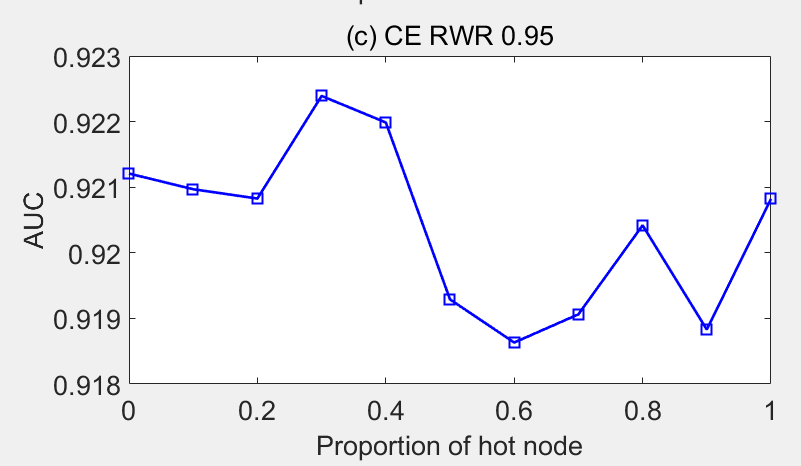
10%的spammer，node平均度为27

### RWR 0.85



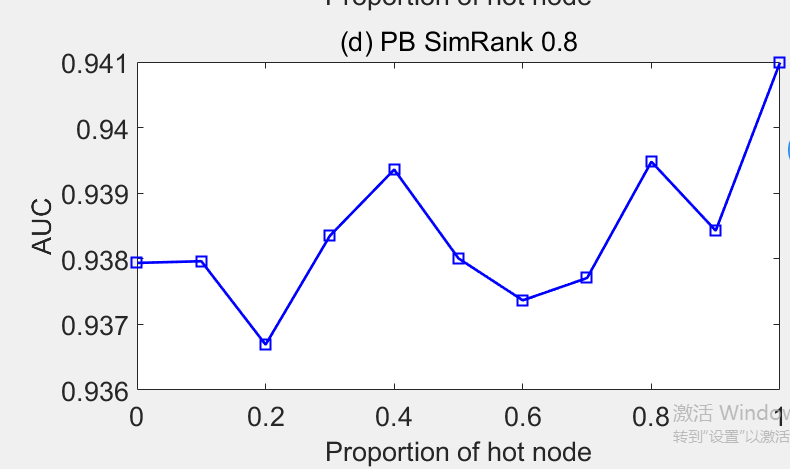
10%的spammer，node平均度为27

### RWR 0.95



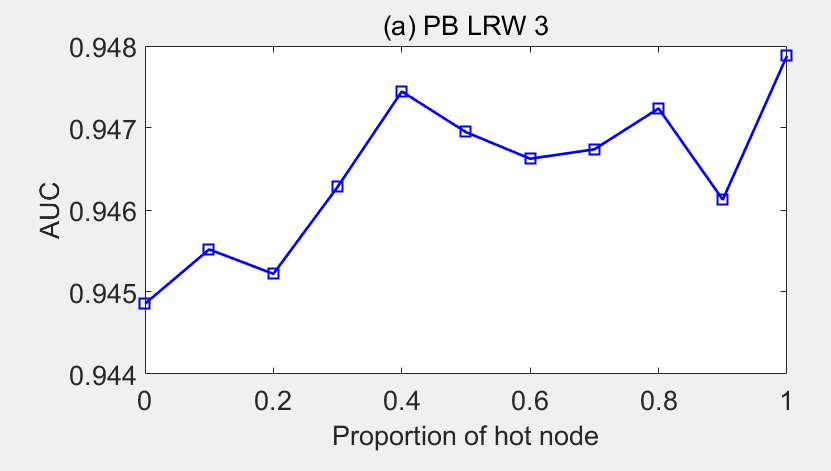
10%的spammer，node平均度为27

### SimRank 0.8



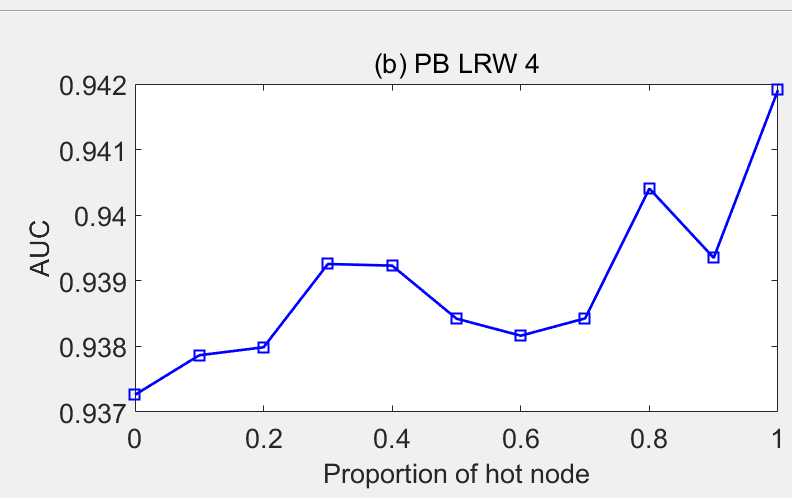
10%的spammer，node平均度为27

### LRW 3



10%的spammer，node平均度为27

### LRW 4

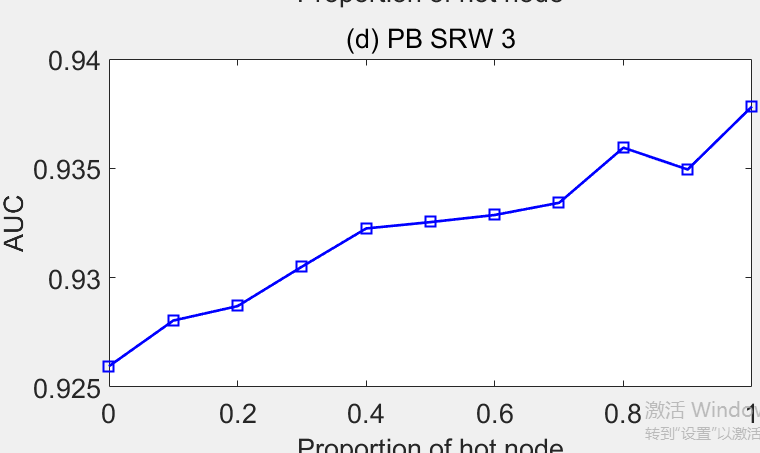
  
10%的spammer，node平均度为27

### LRW 5



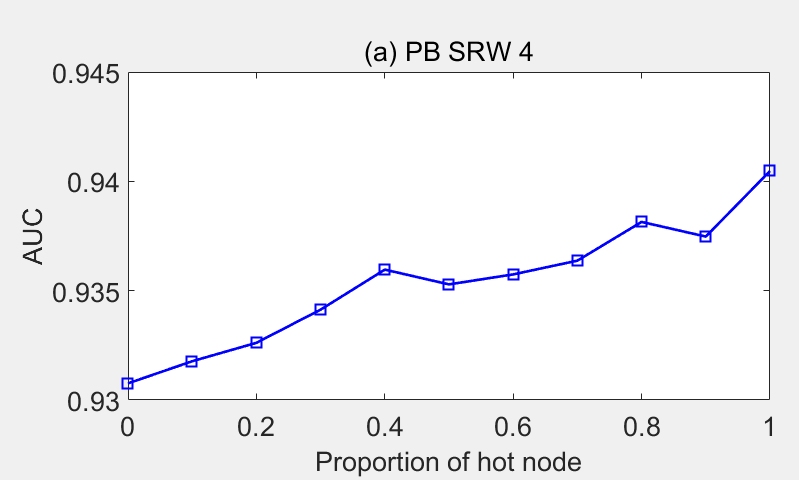
10%的spammer，node平均度为27

### SRW 3

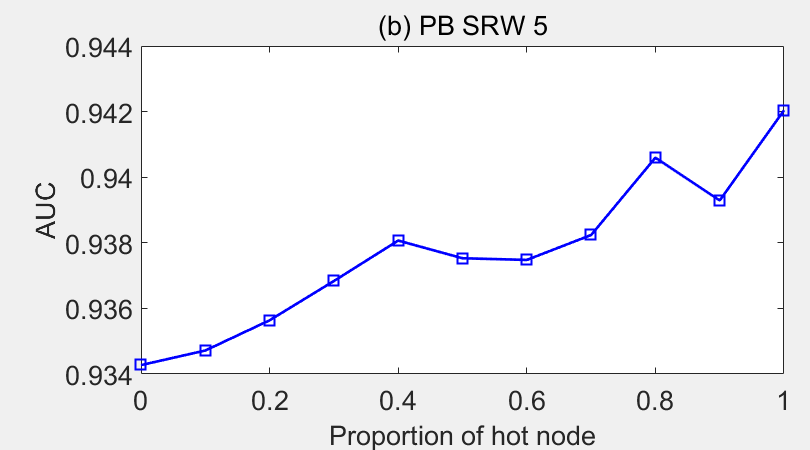


10%的spammer，node平均度为27

### SRW 4

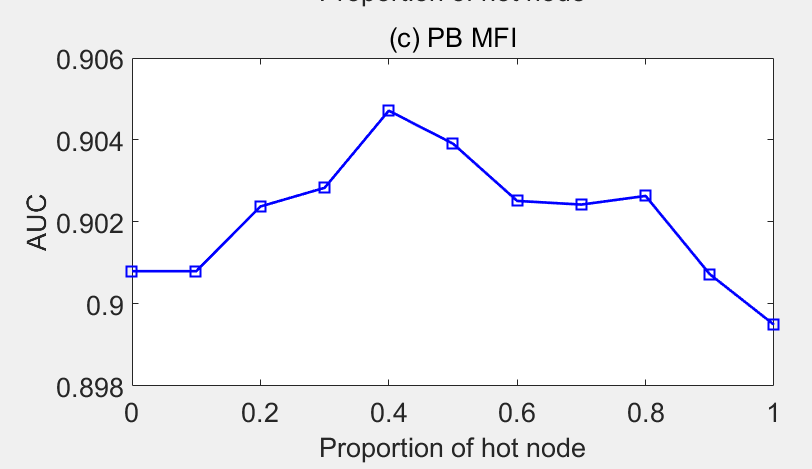
10%的spammer，node平均度为27

### SRW 5



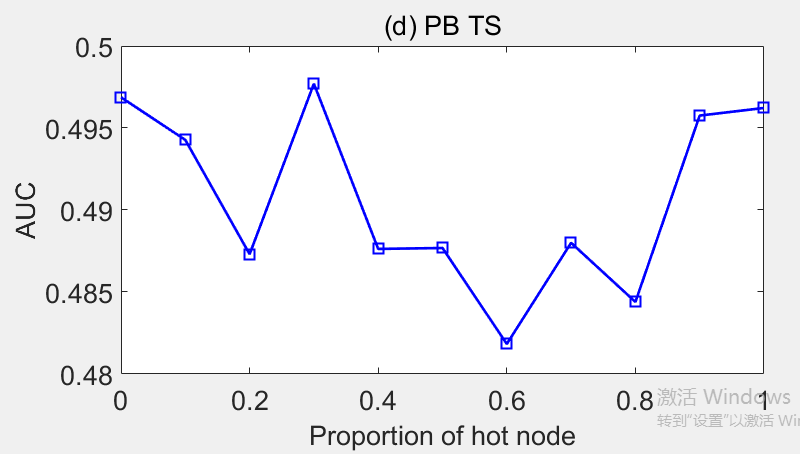
10%的spammer，node平均度为27

### MFI



10%的spammer，node平均度为27

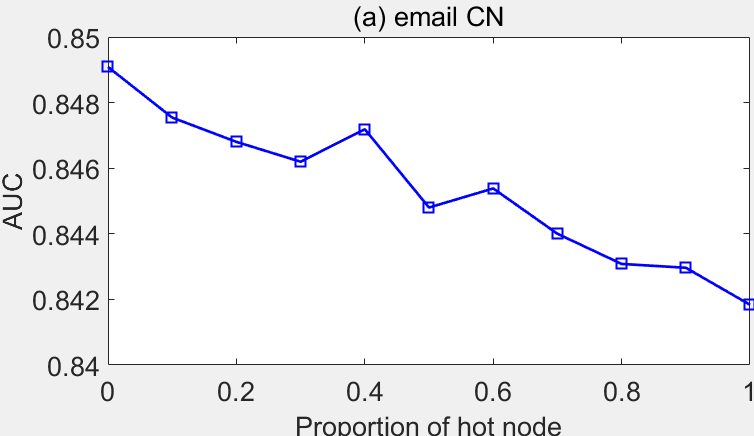
### TS自恰转移相似性



10%的spammer，node平均度为27

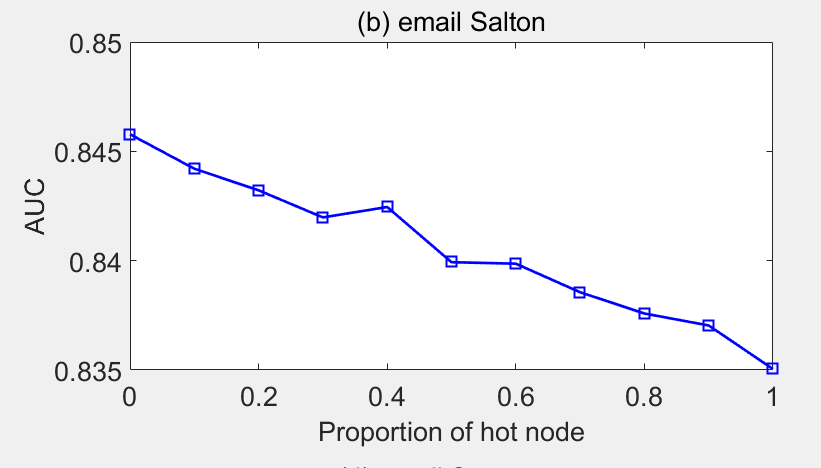
# email数据集实验100次（还有一种图没有出结果）

### CN Common Neighbours



10%的spammer，node平均度为10

### Salton Salton Index -The Salton index



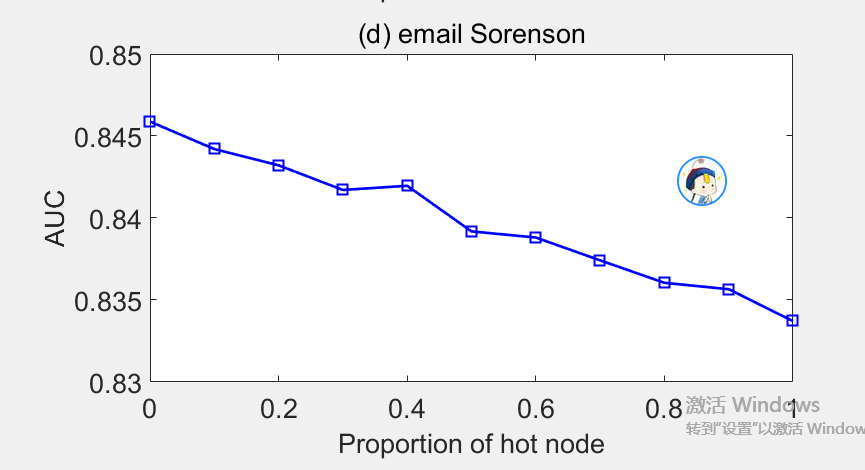
10%的spammer，node平均度为10

### Jaccard Jaccard Index



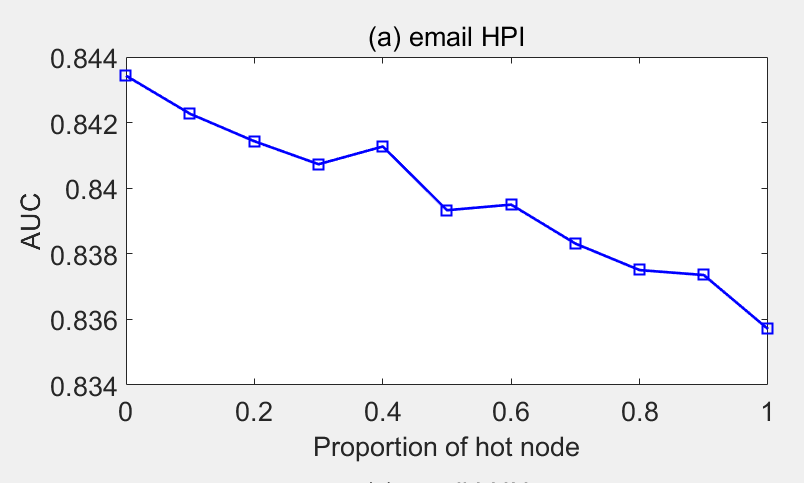
10%的spammer，node平均度为10

### Sorenson Sorensen Index



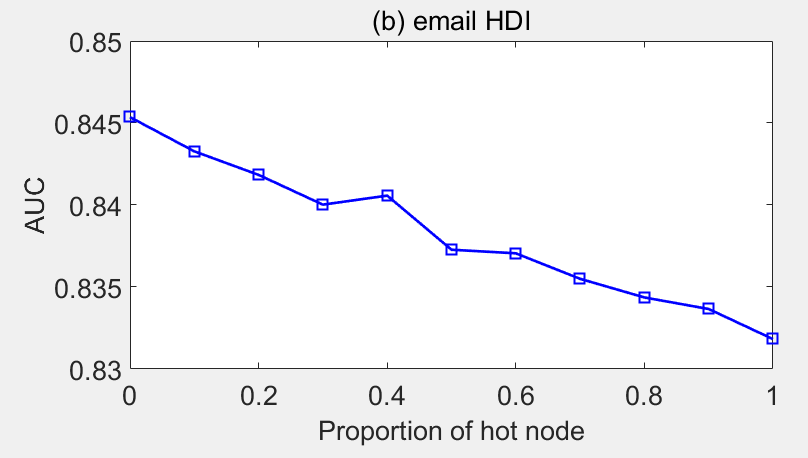
10%的spammer，node平均度为10

### HPI Hub Promoted Index



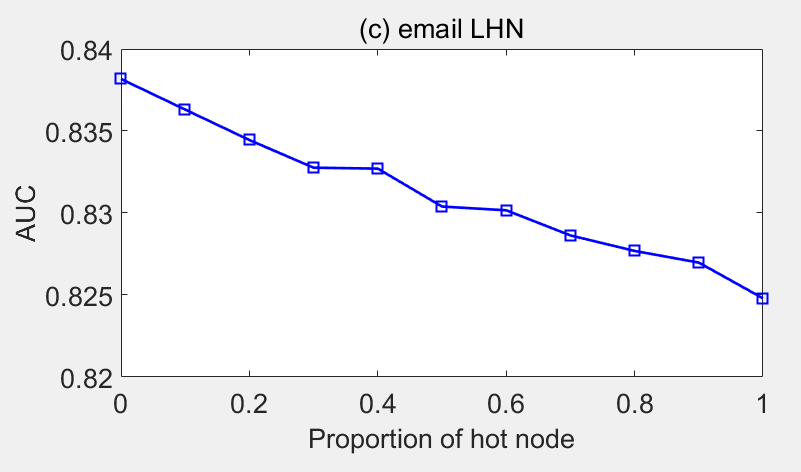
10%的spammer，node平均度为10

### HDI Hub Depressed Index



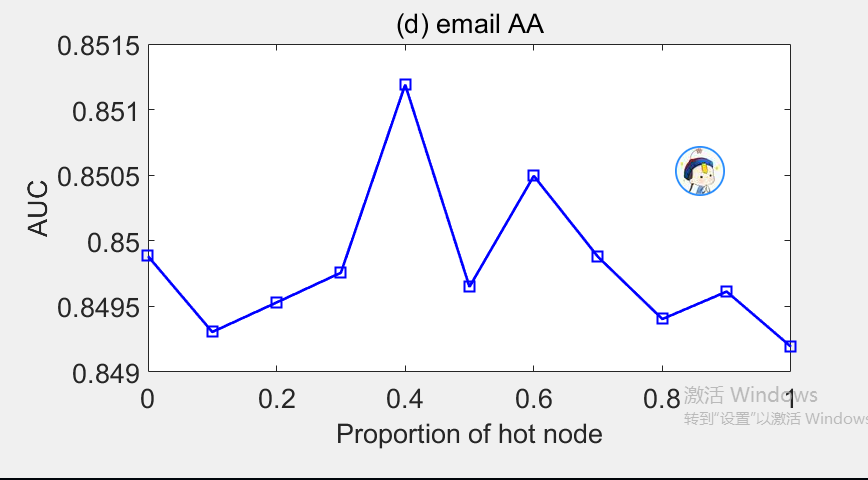
10%的spammer，node平均度为10

### LHN Leicht-Holme-Newman Index



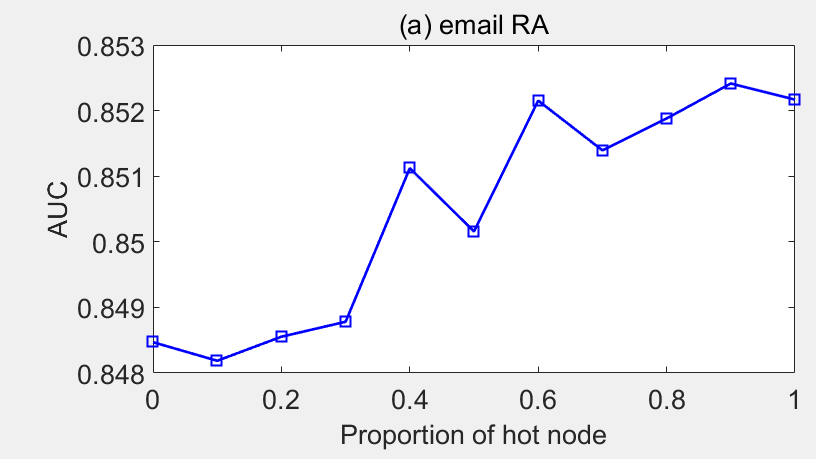
10%的spammer，node平均度为10

### AA Adamic-Adar Index



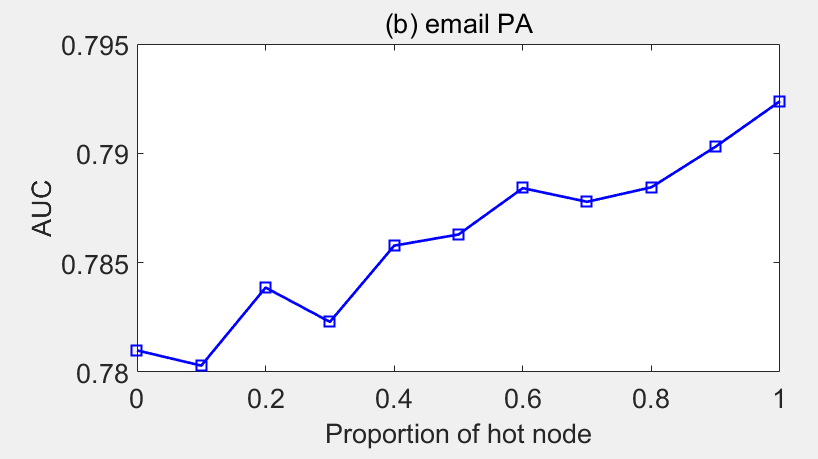
10%的spammer，node平均度为10

### RA Resource Allocation



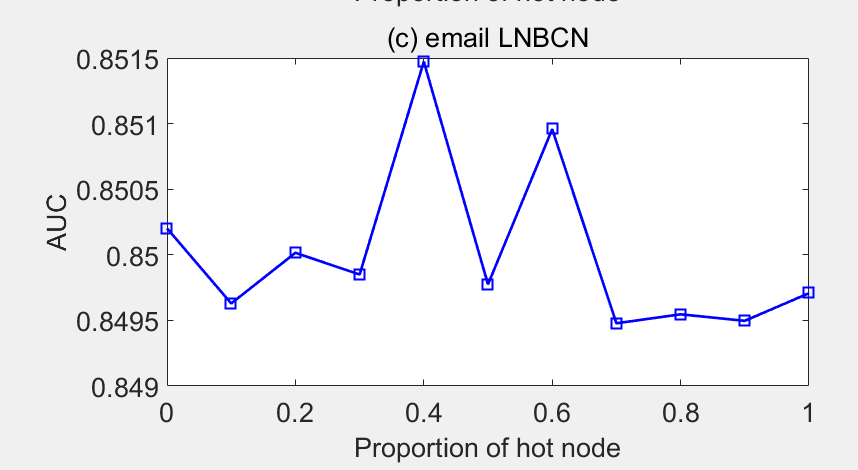
10%的spammer，node平均度为10

### PA Preferential Attachment



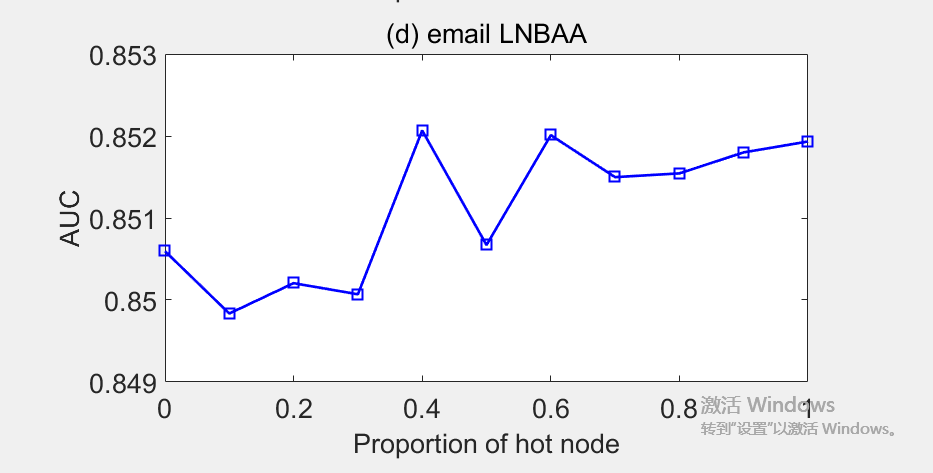
10%的spammer，node平均度为10

### LNBCN局部朴素贝叶斯模型



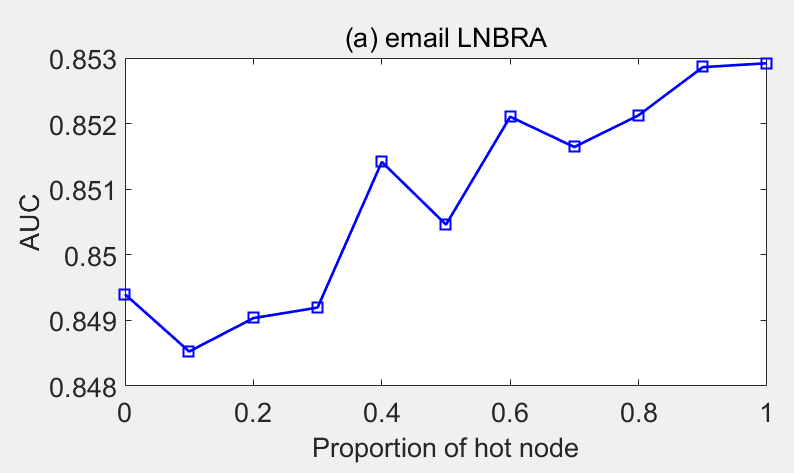
10%的spammer，node平均度为10

### LNBAA局部朴素贝叶斯模型



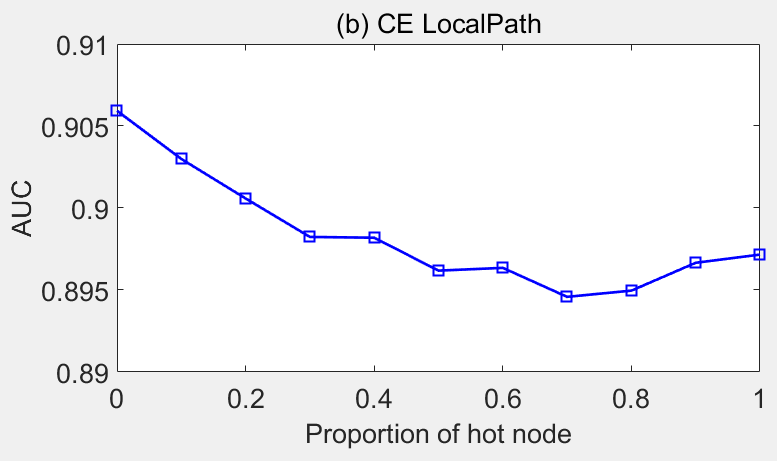
10%的spammer，node平均度为10

### LNBRA局部朴素贝叶斯模型



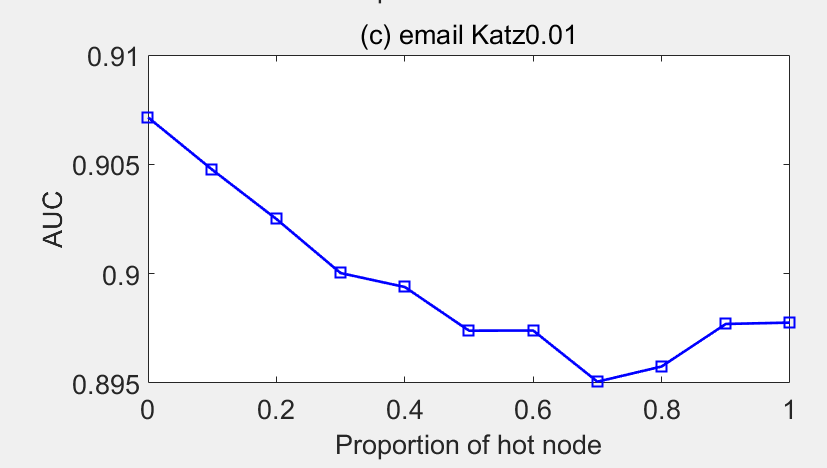
10%的spammer，node平均度为10

### Local Path Index



10%的spammer，node平均度为10

### Katz0.01



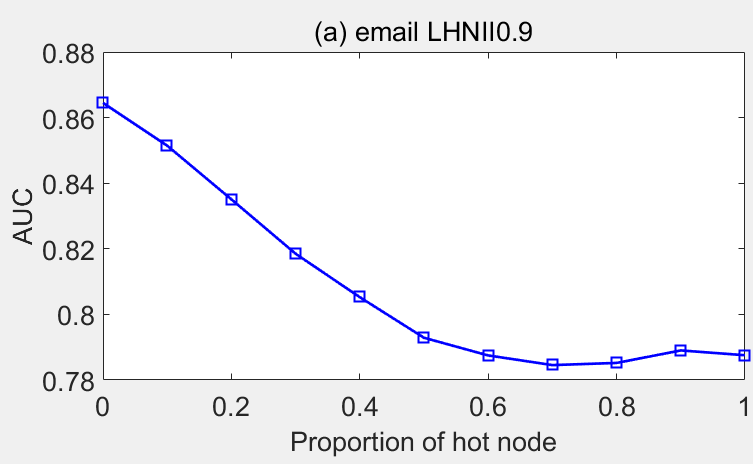
10%的spammer，node平均度为10

### Katz0.001



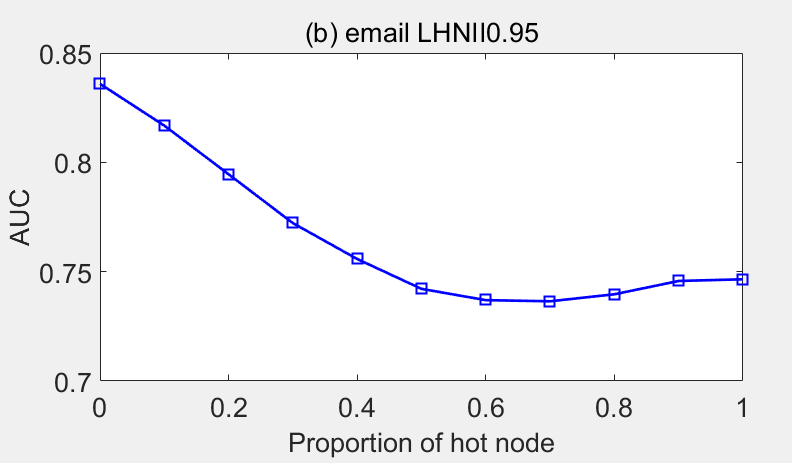
10%的spammer，node平均度为10

### LHNII.9



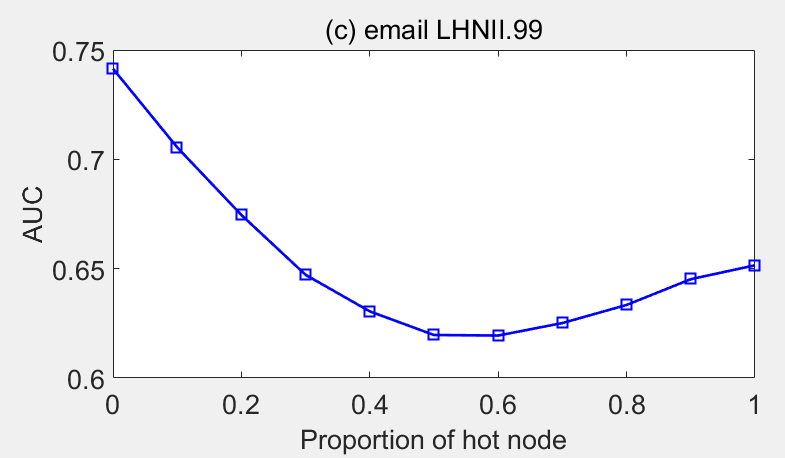
10%的spammer，node平均度为10

### LHNII.95



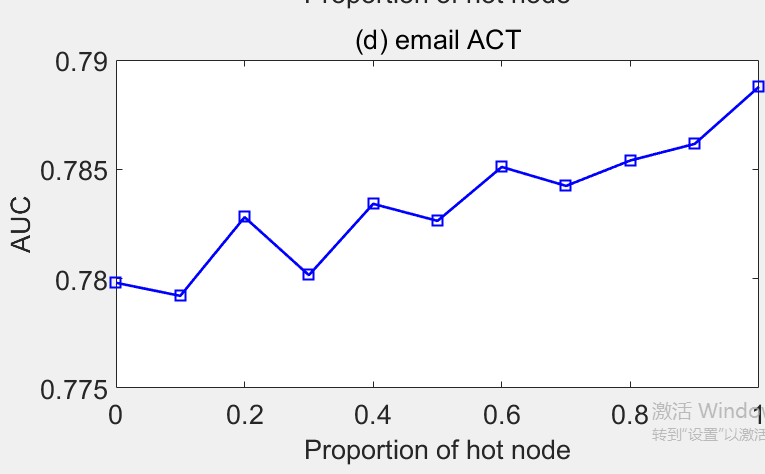
10%的spammer，node平均度为10

### LHNII.99



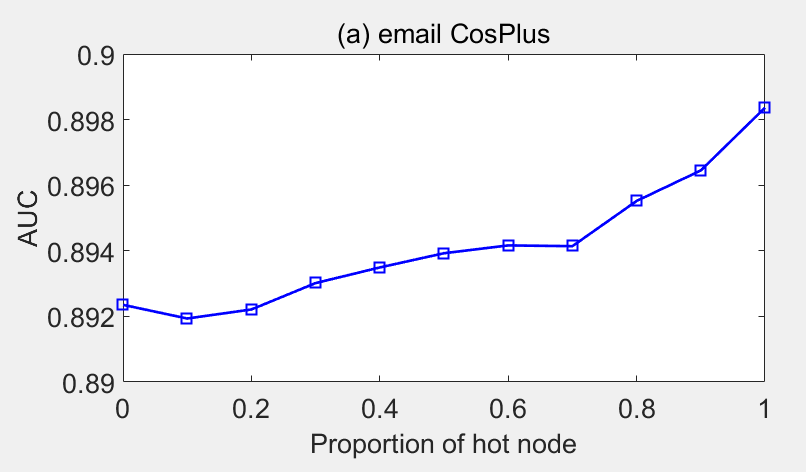
10%的spammer，node平均度为10

### ACT



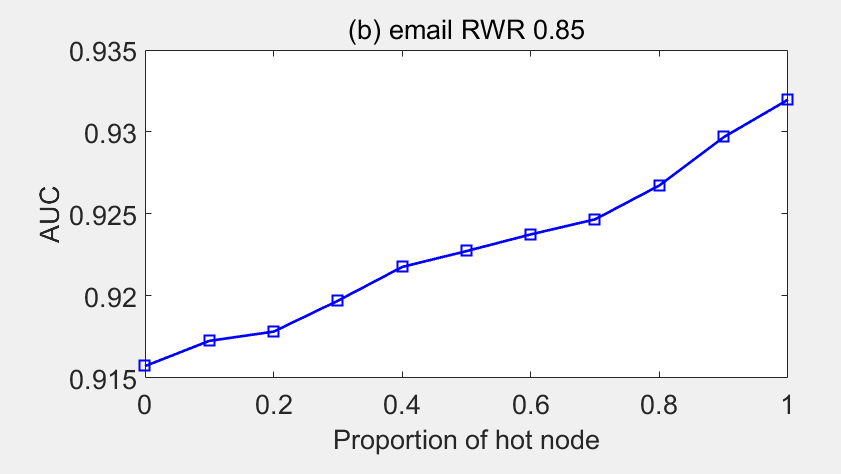
10%的spammer，node平均度为10

### CosPlus



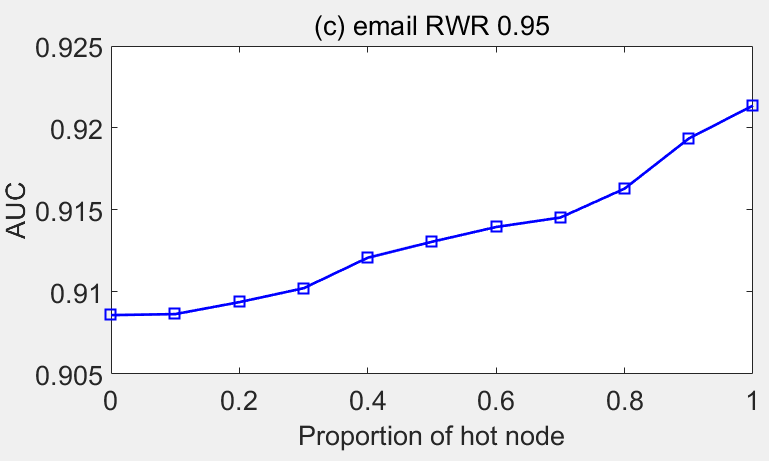
10%的spammer，node平均度为10

### RWR 0.85



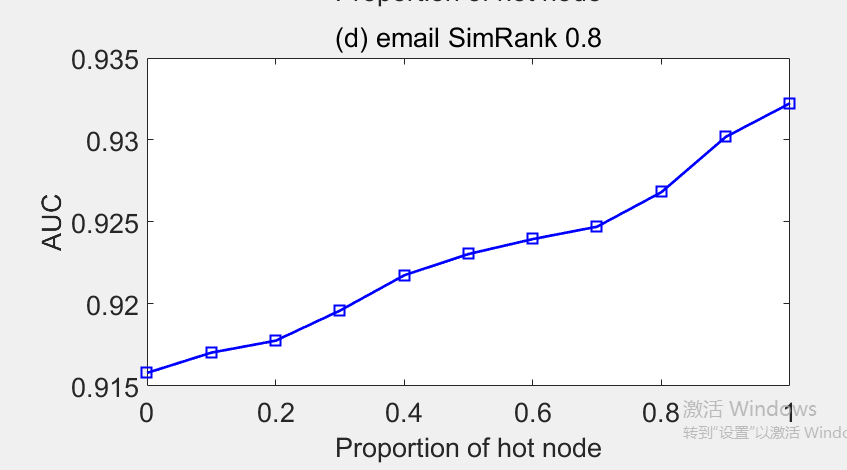
10%的spammer，node平均度为10

### RWR 0.95



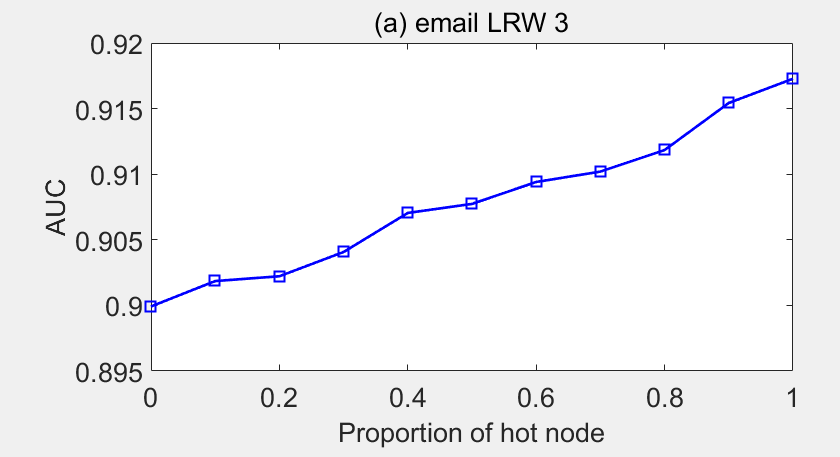
10%的spammer，node平均度为10

### SimRank 0.8



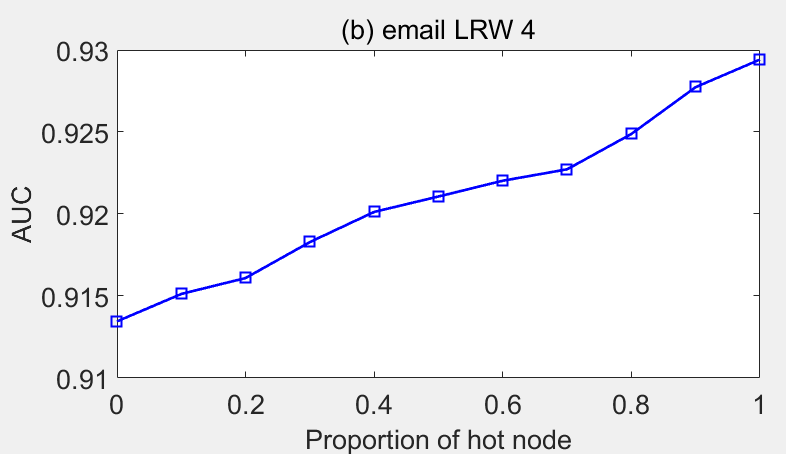
10%的spammer，node平均度为10

### LRW 3

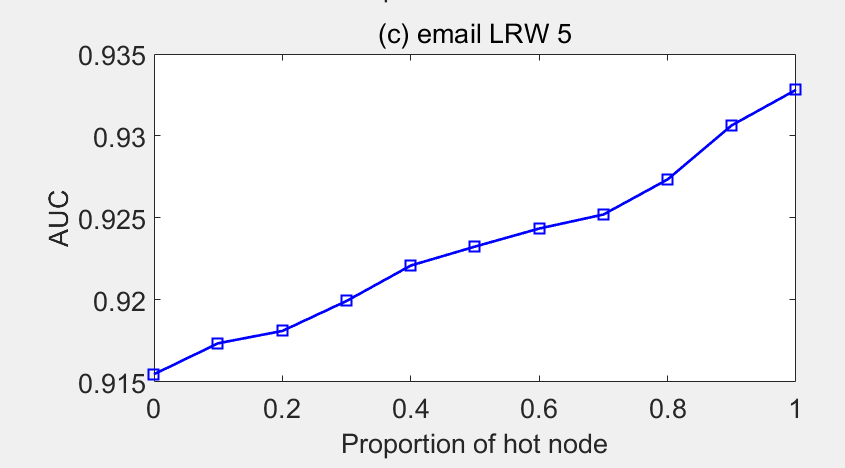


10%的spammer，node平均度为10

### LRW 4

  
10%的spammer，node平均度为10

### LRW 5



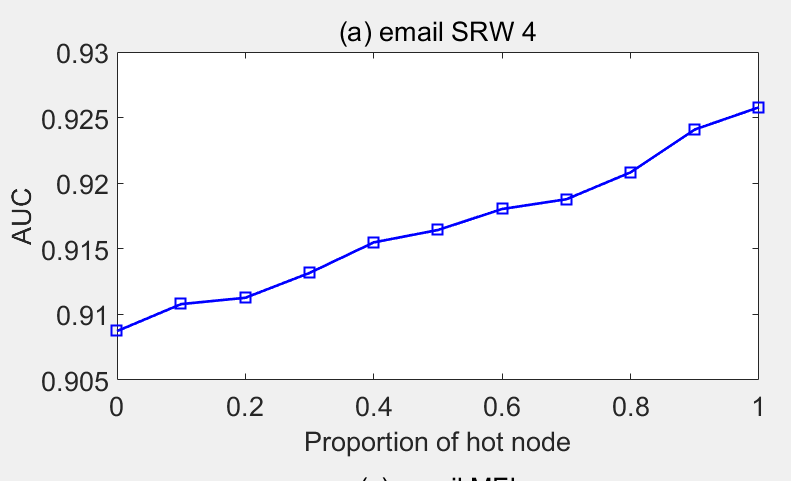
10%的spammer，node平均度为10

### SRW 3



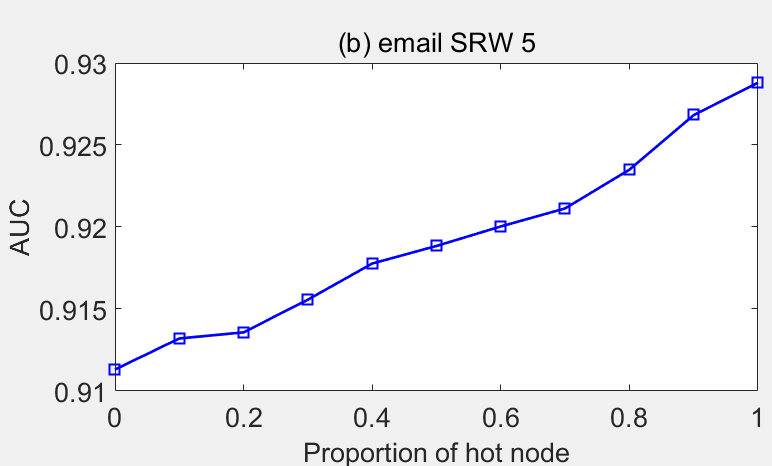
10%的spammer，node平均度为10

### SRW 4



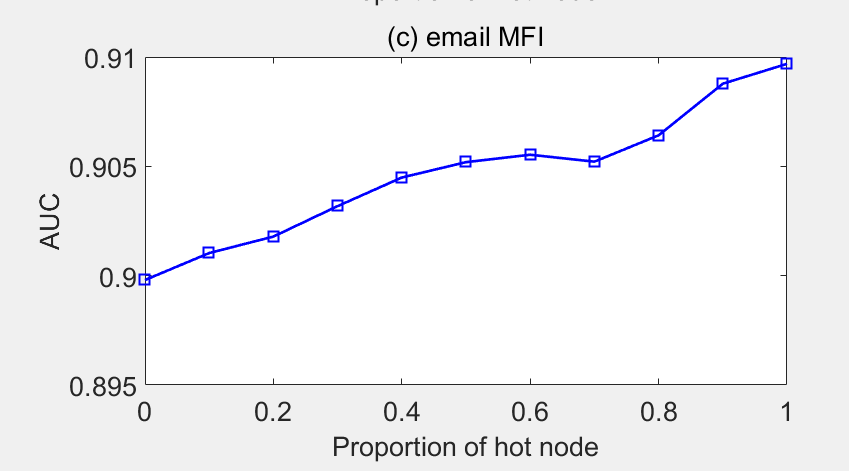
10%的spammer，node平均度为10

### SRW 5



10%的spammer，node平均度为10

### MFI



10%的spammer，node平均度为10

### TS自恰转移相似性



10%的spammer，node平均度为10(Email数据集图没改、、)