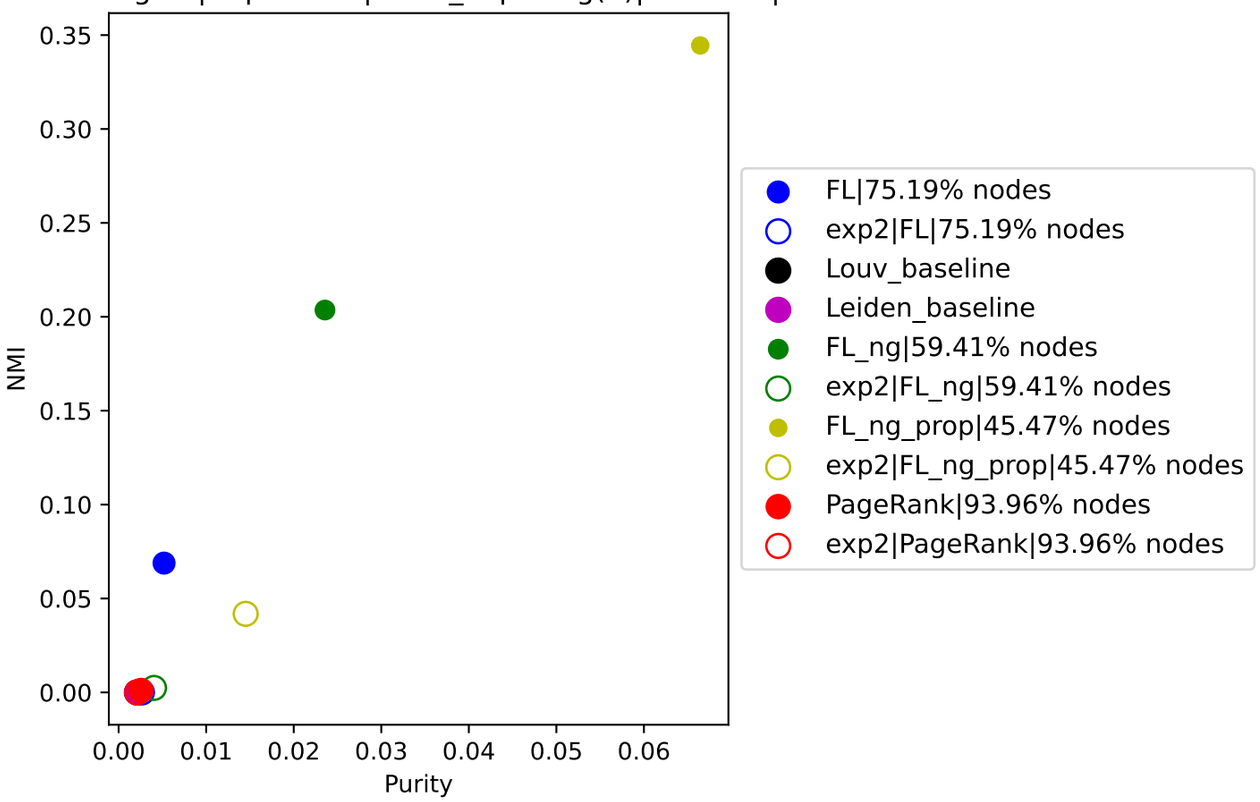
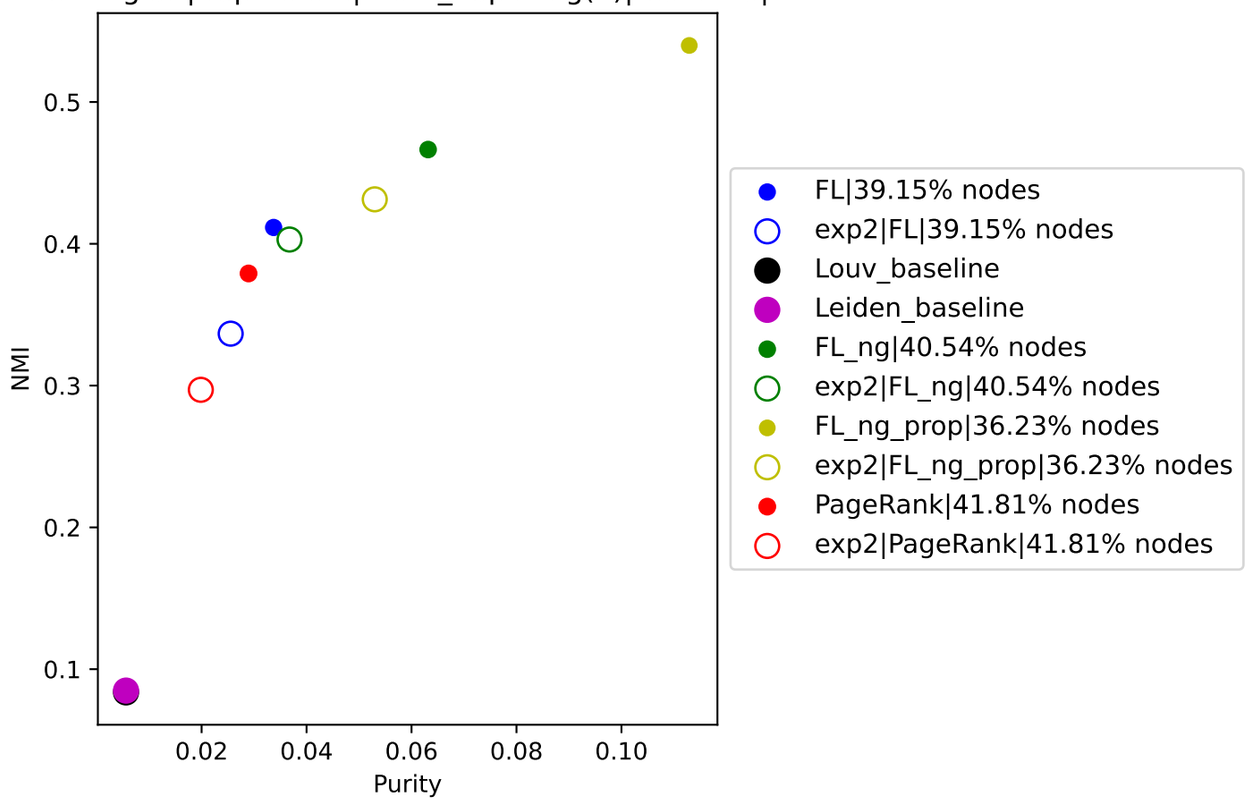
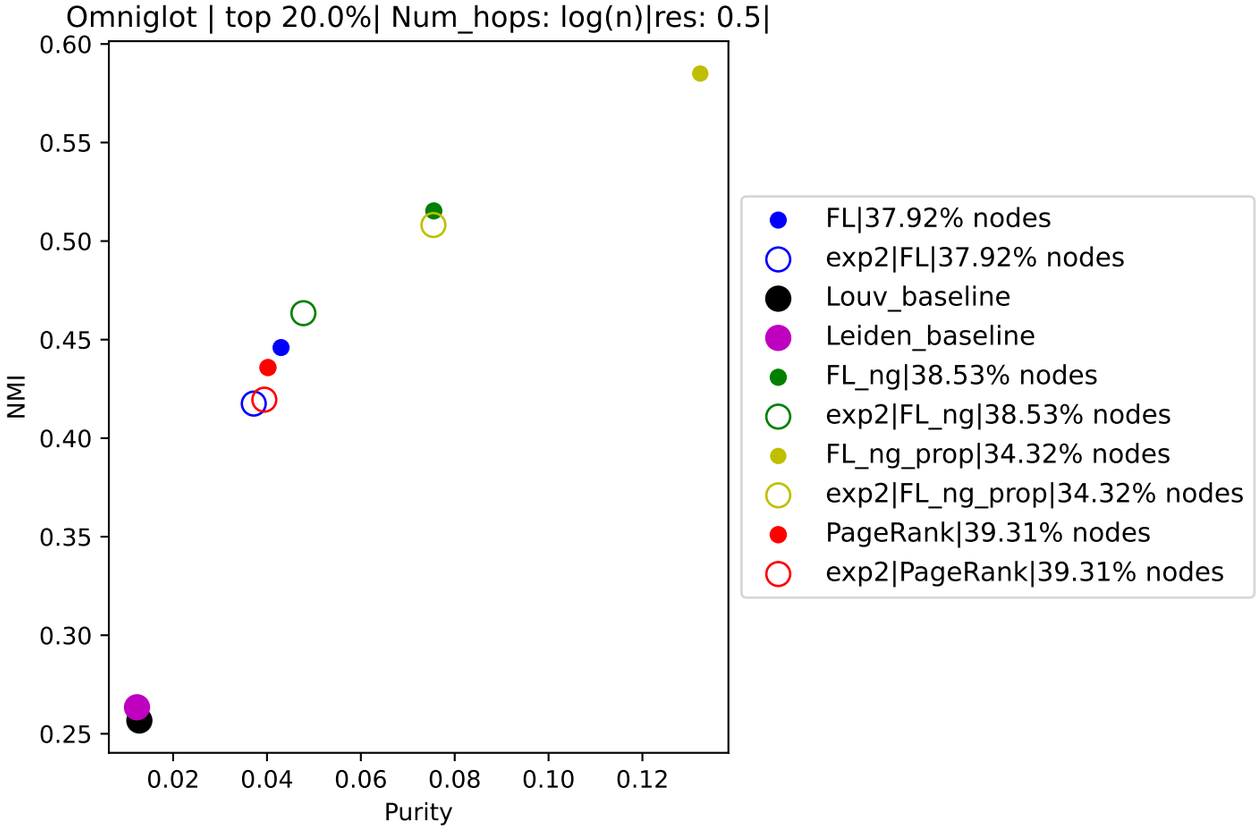
Omniglot | top 20.0%| Num_hops: log(n)|res: 0.05|



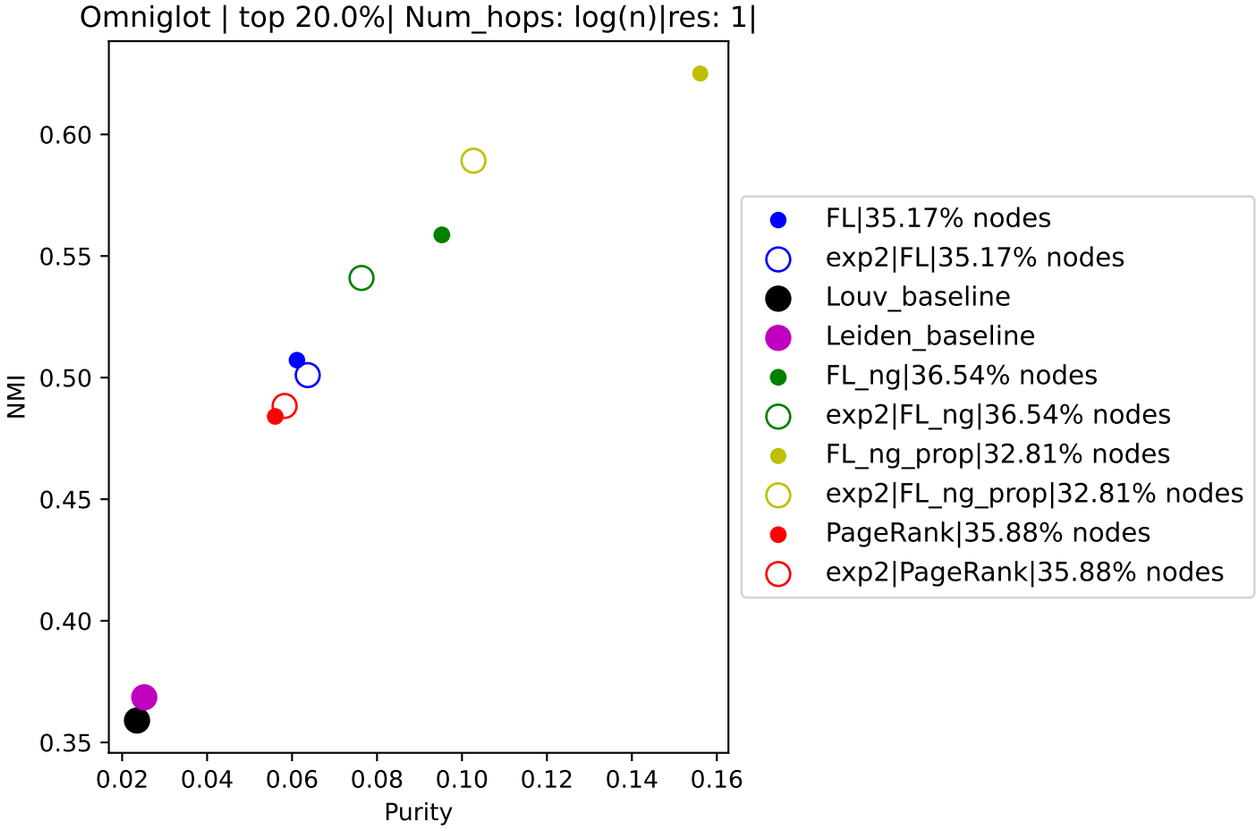
Omniglot | top 20.0%| Num_hops: log(n)|res: 0.25|



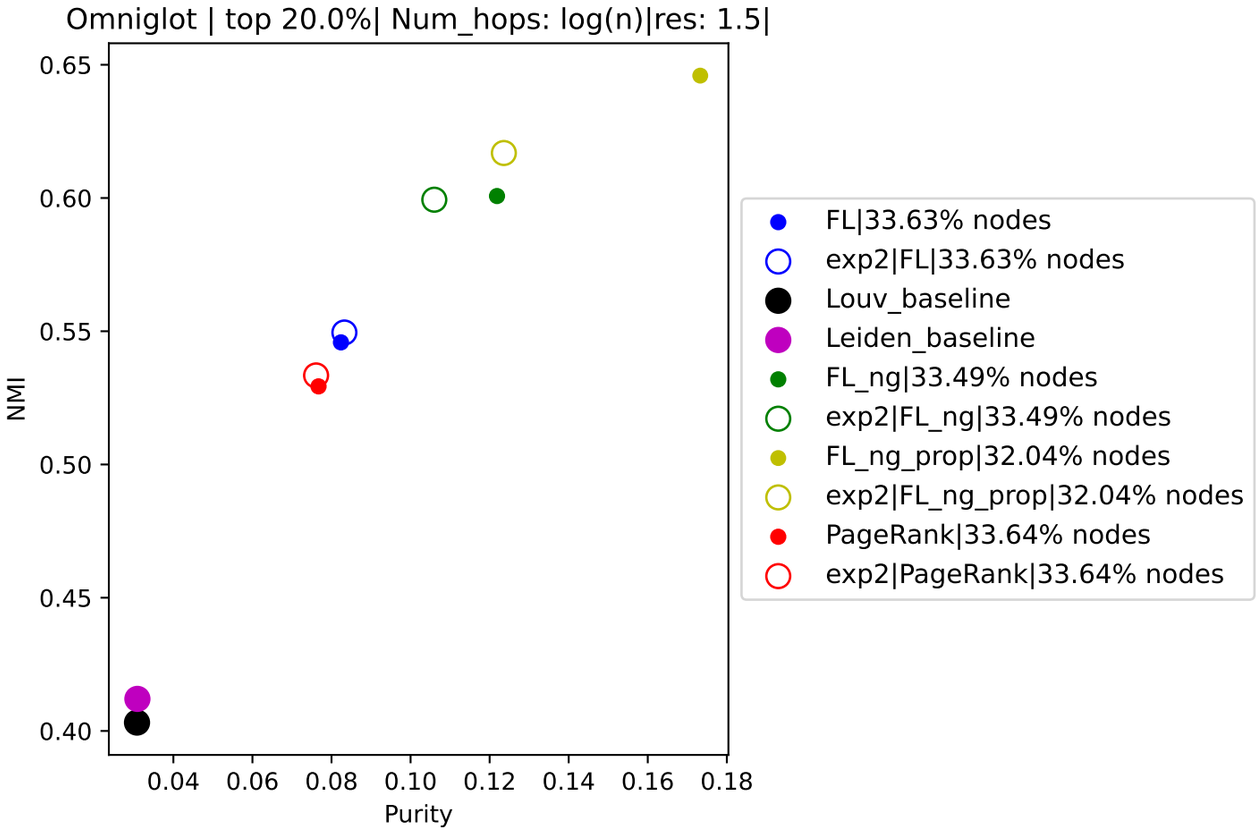
Omniglot | top 20.0%| Num_hops: log(n)|res: 0.5|



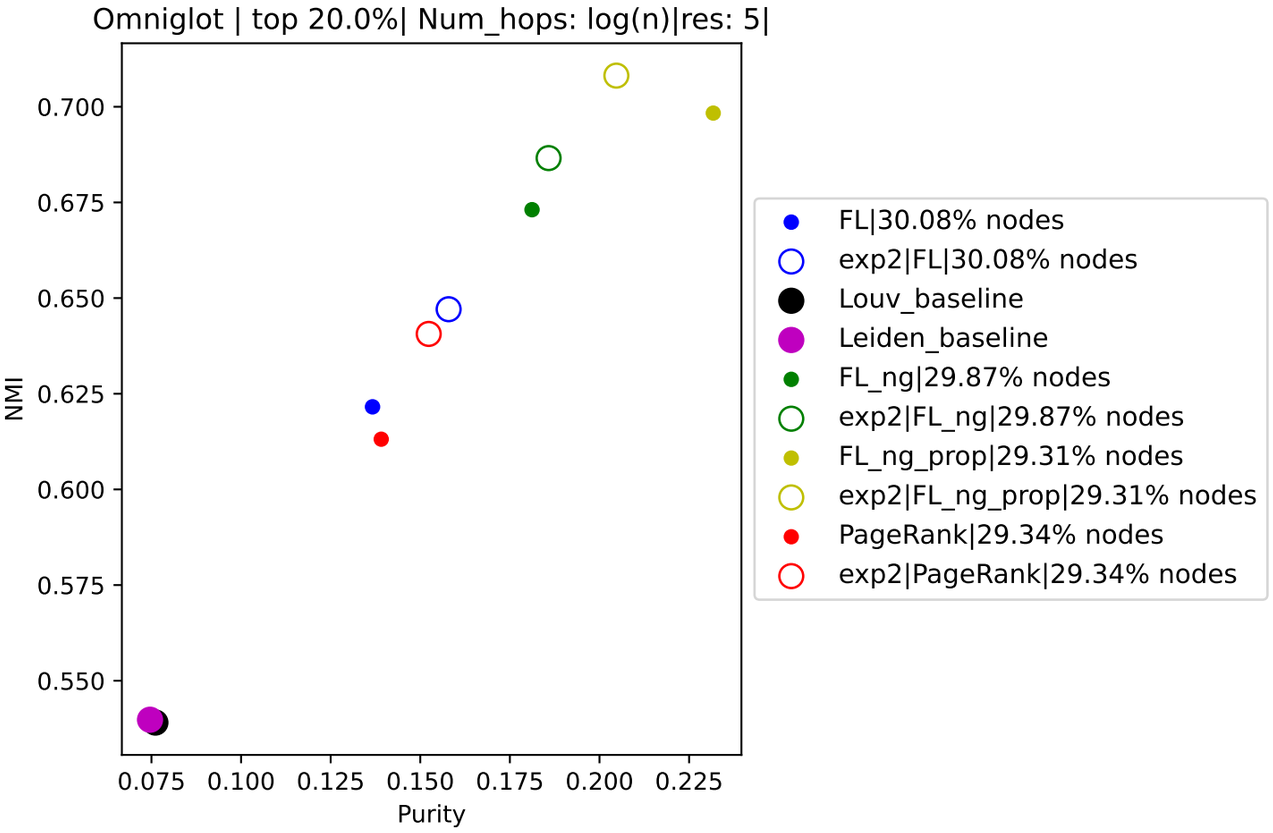
Omniglot | top 20.0%| Num_hops: log(n)|res: 1|

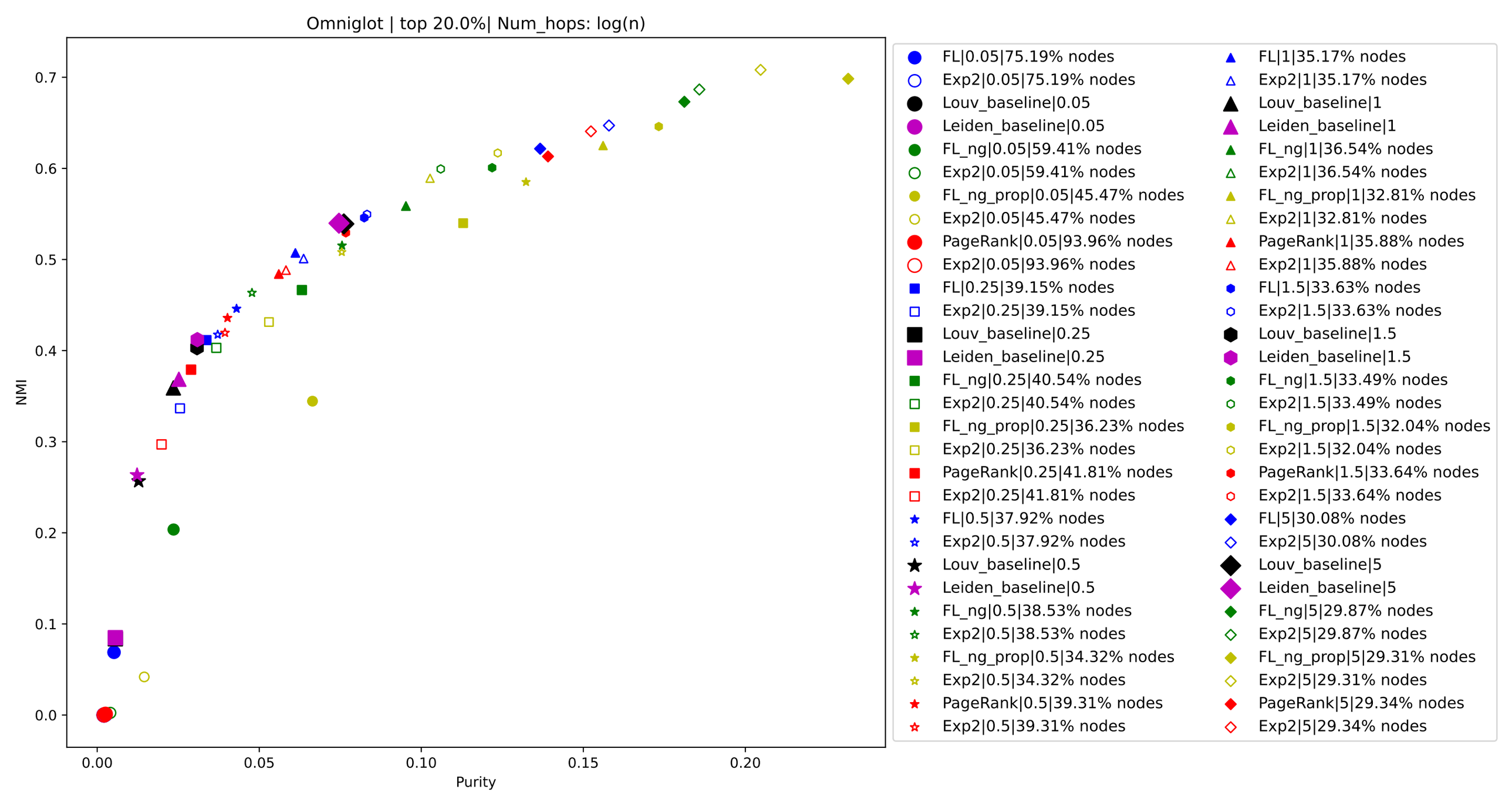


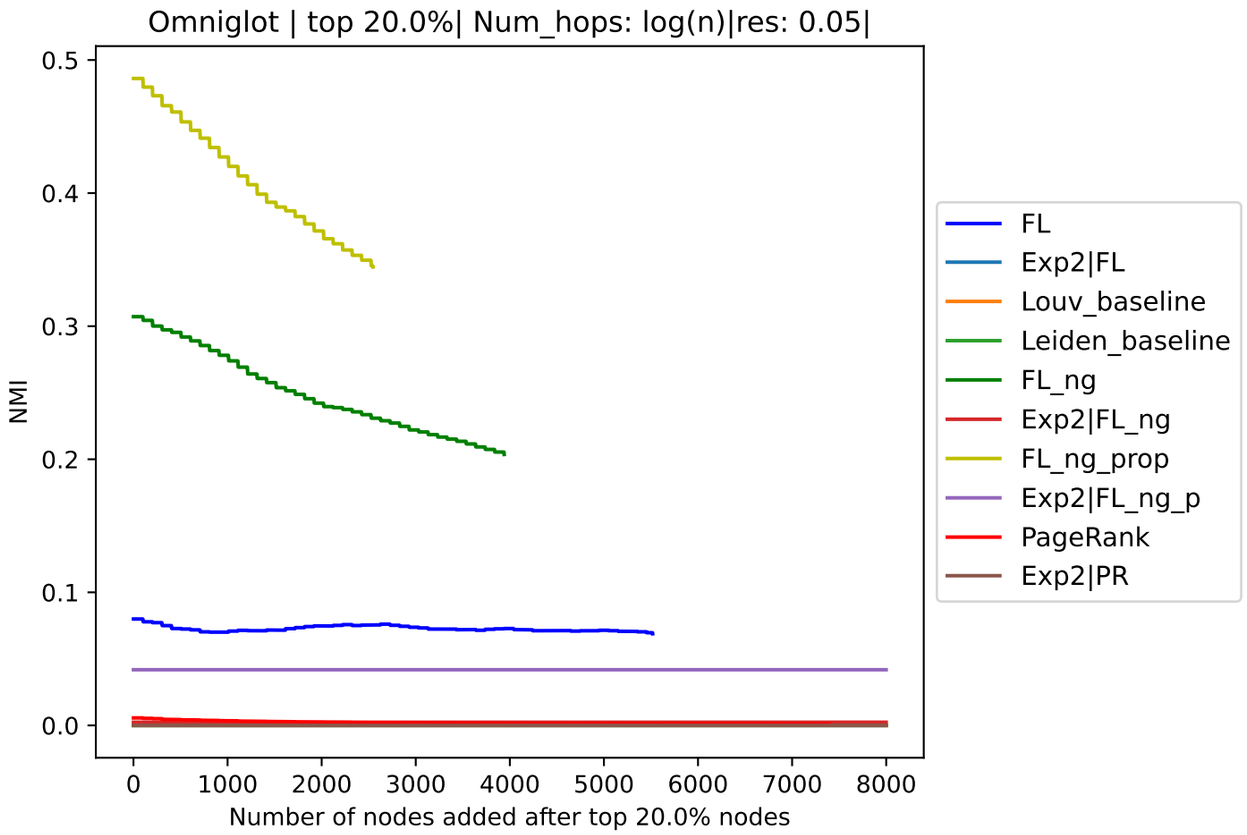
Omniglot | top 20.0%| Num_hops: log(n)|res: 1.5|

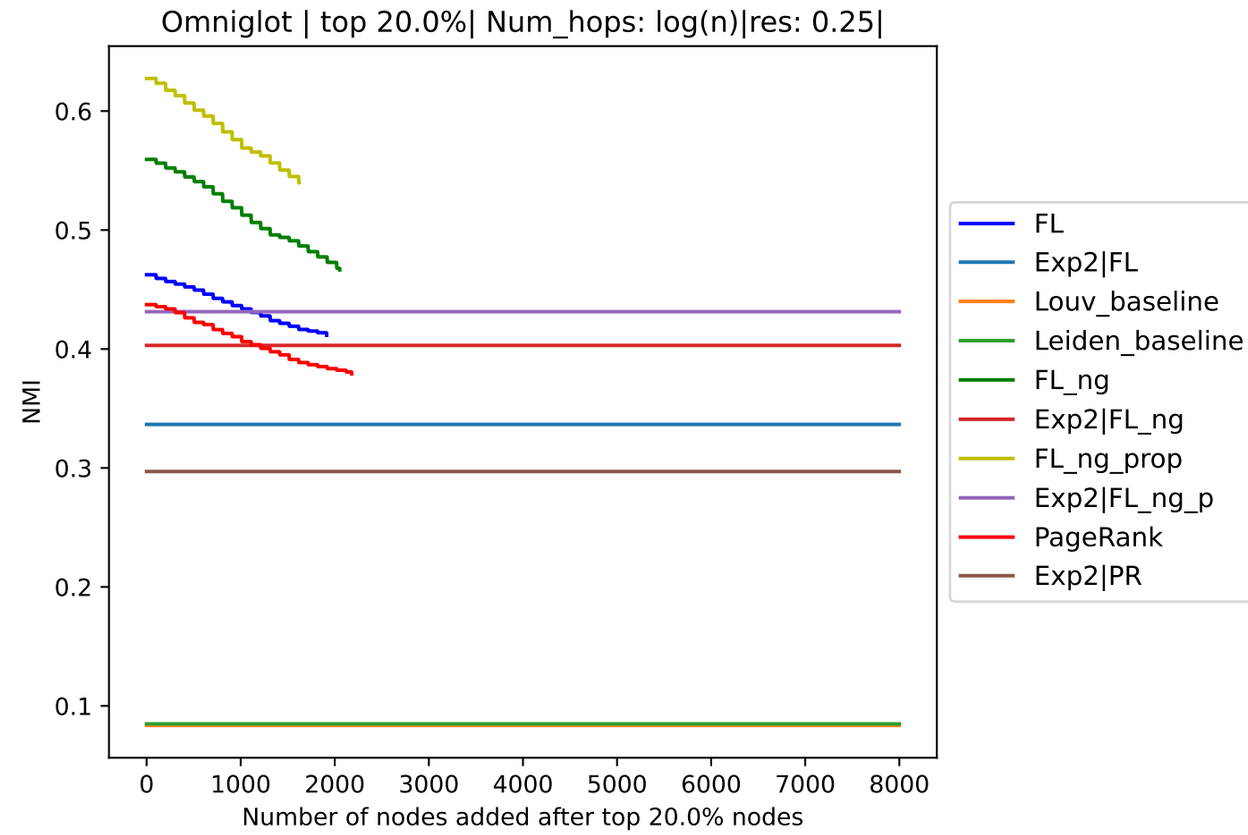


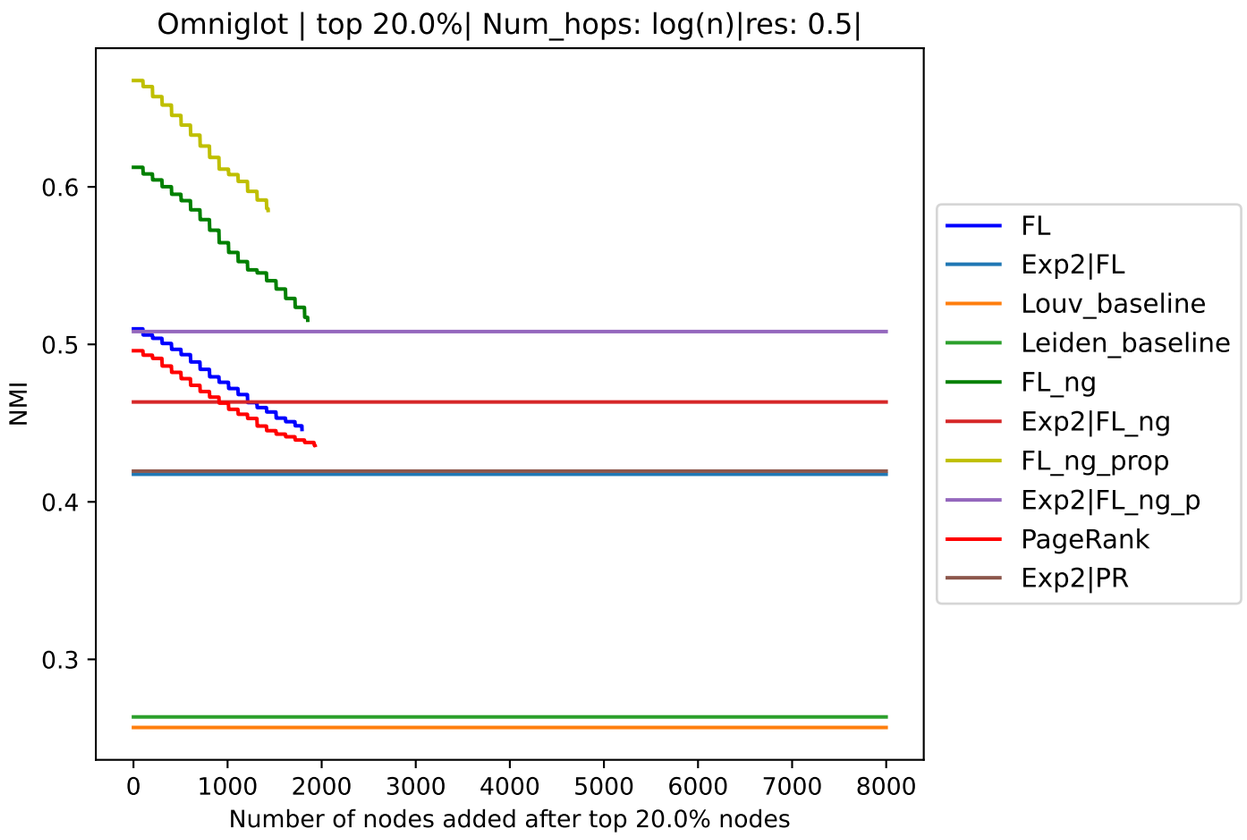
Omniglot | top 20.0%| Num_hops: log(n)|res: 5|

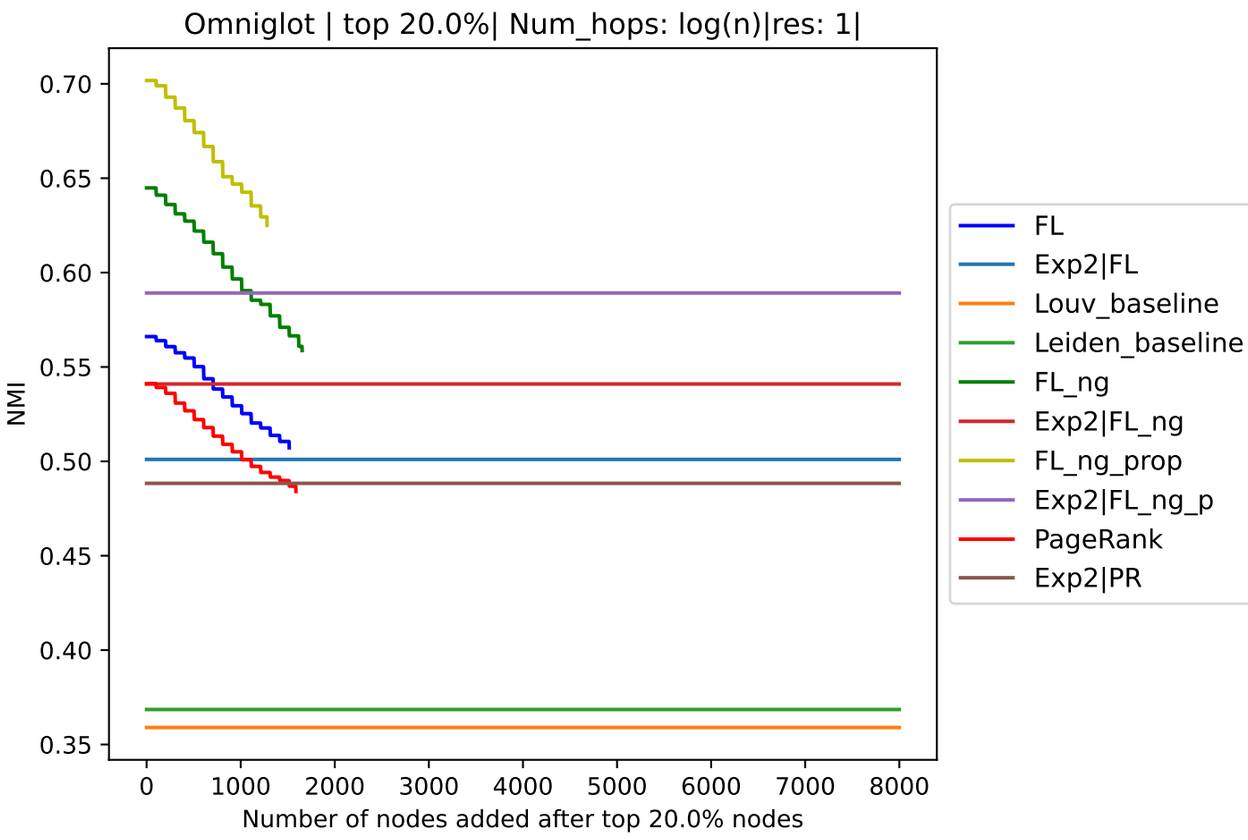


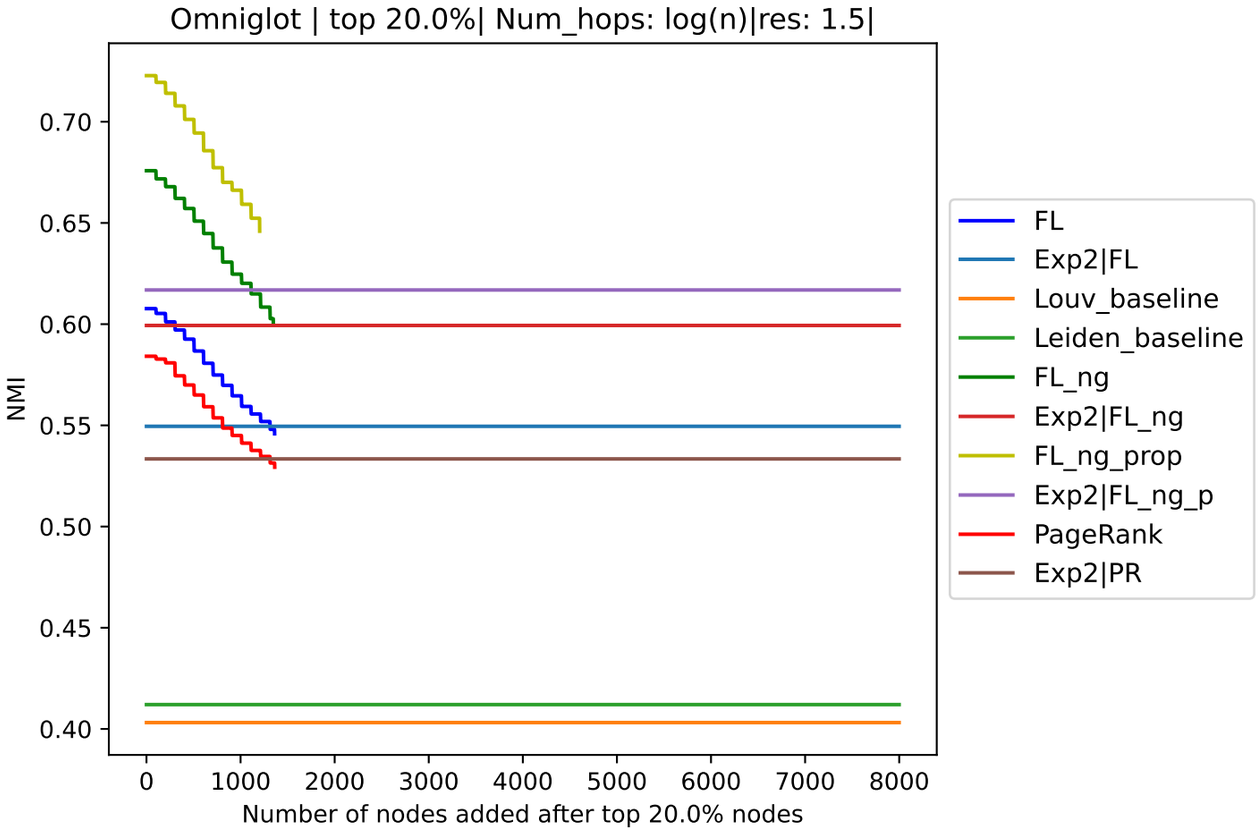

Omniglot | top 20.0%| Num_hops: log(n)
NMI
Purity
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.00
0.05
0.10
0.15
0.20
FL|0.05|75.19% nodes
Exp2|0.05|75.19% nodes
Louv_baseline|0.05
Leiden_baseline|0.05
FL_ng|0.05|59.41% nodes
Exp2|0.05|59.41% nodes
FL_ng_prop|0.05|45.47% nodes
Exp2|0.05|45.47% nodes
PageRank|0.05|93.96% nodes
Exp2|0.05|93.96% nodes
FL|0.25|39.15% nodes
Exp2|0.25|39.15% nodes
Louv_baseline|0.25
Leiden_baseline|0.25
FL_ng|0.25|40.54% nodes
Exp2|0.25|40.54% nodes
FL_ng_prop|0.25|36.23% nodes
Exp2|0.25|36.23% nodes
PageRank|0.25|41.81% nodes
Exp2|0.25|41.81% nodes
FL|0.5|37.92% nodes
Exp2|0.5|37.92% nodes
Louv_baseline|0.5
Leiden_baseline|0.5
FL_ng|0.5|38.53% nodes
Exp2|0.5|38.53% nodes
FL_ng_prop|0.5|34.32% nodes
Exp2|0.5|34.32% nodes
PageRank|0.5|39.31% nodes
Exp2|0.5|39.31% nodes
FL|1|35.17% nodes
Exp2|1|35.17% nodes
Louv_baseline|1
Leiden_baseline|1
FL_ng|1|36.54% nodes
Exp2|1|36.54% nodes
FL_ng_prop|1|32.81% nodes
Exp2|1|32.81% nodes
PageRank|1|35.88% nodes
Exp2|1|35.88% nodes
FL|1.5|33.63% nodes
Exp2|1.5|33.63% nodes
Louv_baseline|1.5
Leiden_baseline|1.5
FL_ng|1.5|33.49% nodes
Exp2|1.5|33.49% nodes
FL_ng_prop|1.5|32.04% nodes
Exp2|1.5|32.04% nodes
PageRank|1.5|33.64% nodes
Exp2|1.5|33.64% nodes
FL|5|30.08% nodes
Exp2|5|30.08% nodes
Louv_baseline|5
Leiden_baseline|5
FL_ng|5|29.87% nodes
Exp2|5|29.87% nodes
FL_ng_prop|5|29.31% nodes
Exp2|5|29.31% nodes
PageRank|5|29.34% nodes
Exp2|5|29.34% nodes

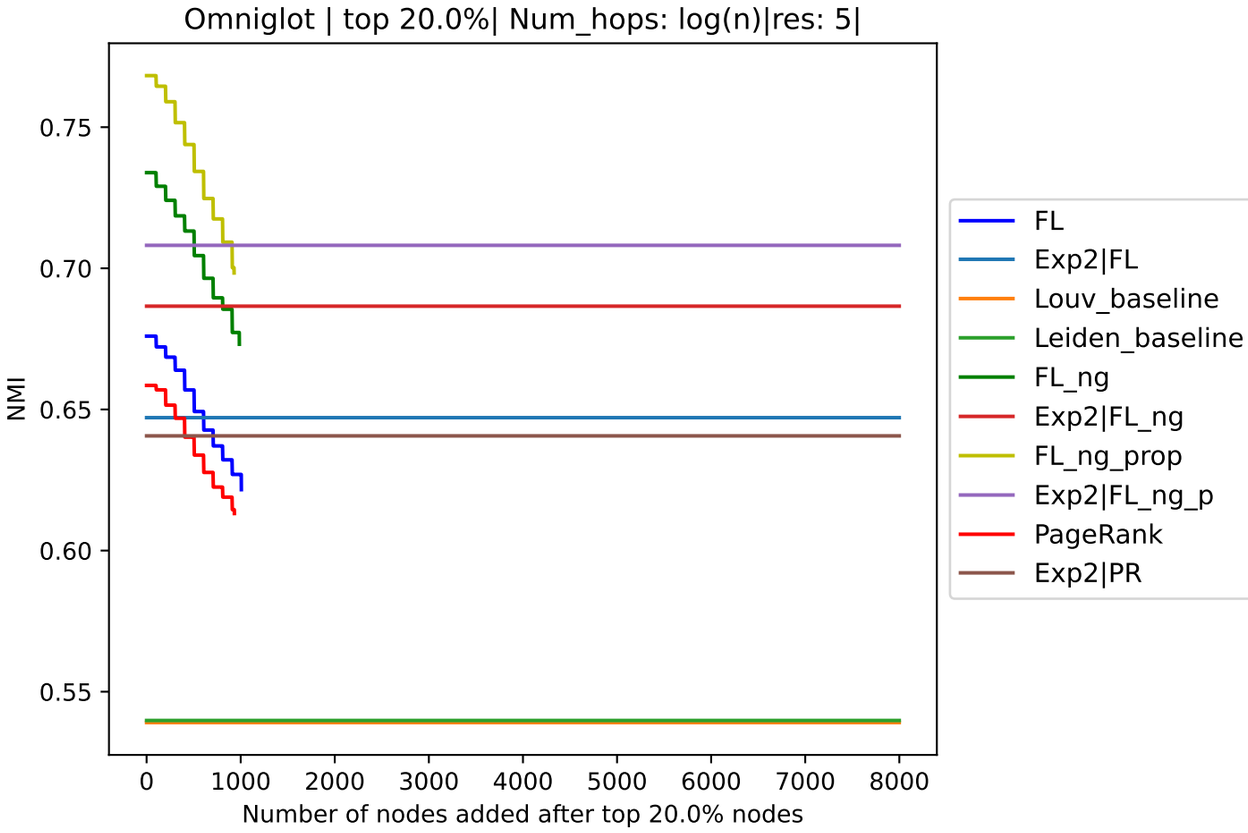

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.05|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR


Omniglot | top 20.0%| Num_hops: log(n)|res: 0.25|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

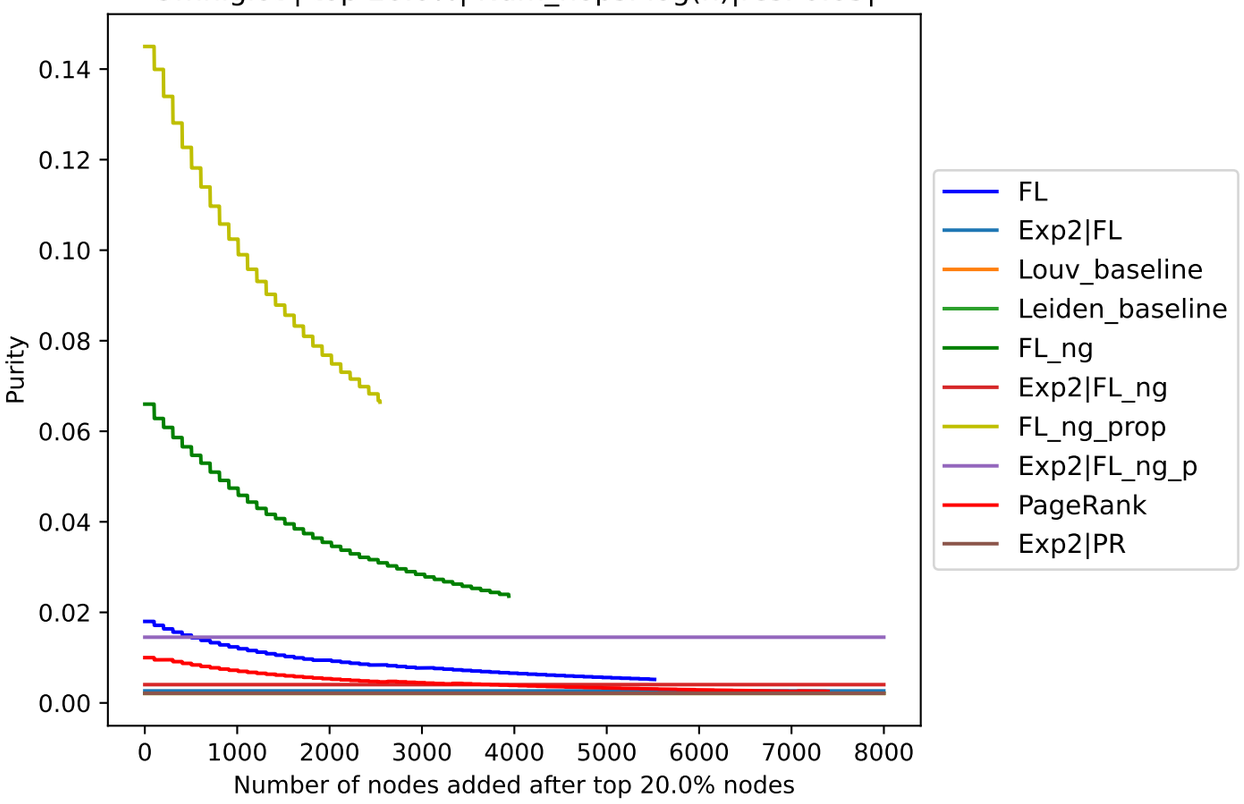

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR


Omniglot | top 20.0%| Num_hops: log(n)|res: 1|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

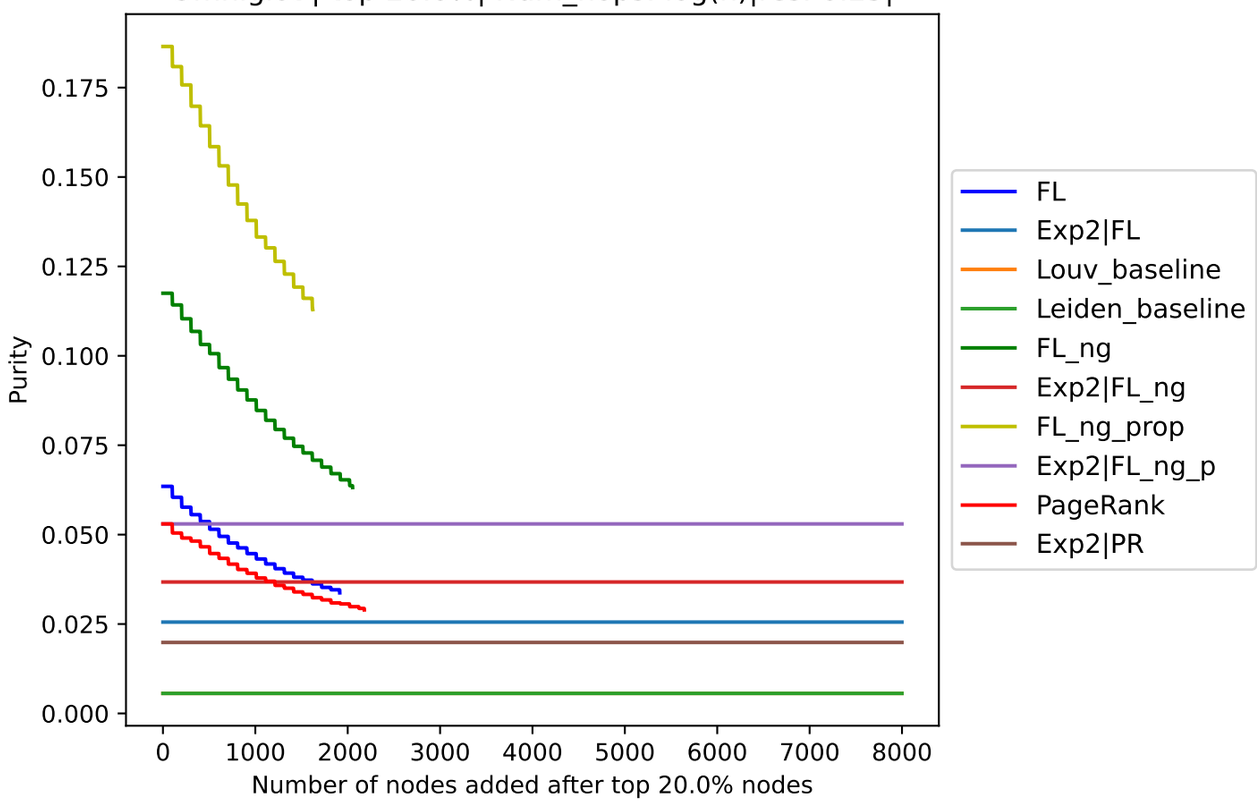

Omniglot | top 20.0%| Num_hops: log(n)|res: 1.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR


Omniglot | top 20.0%| Num_hops: log(n)|res: 5|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

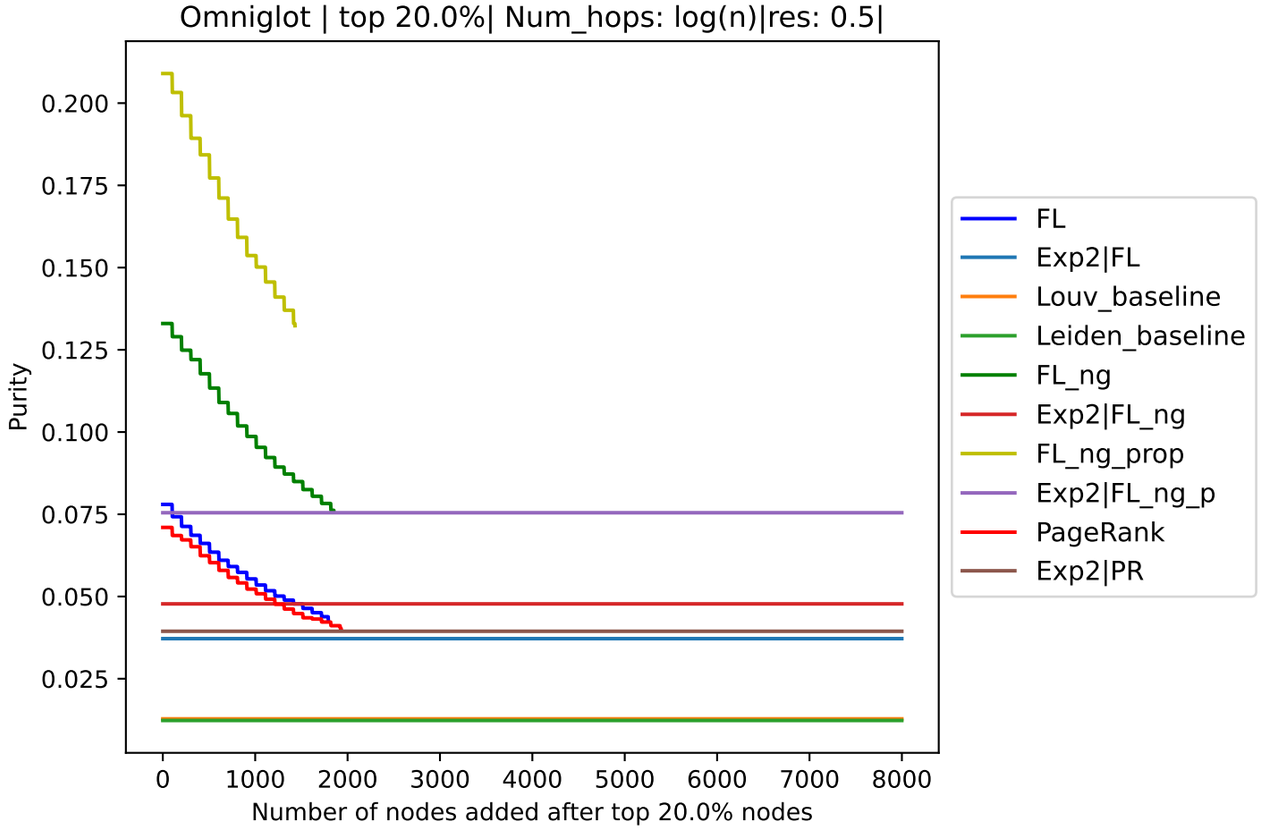
Omniglot | top 20.0%| Num_hops: log(n)|res: 0.05|



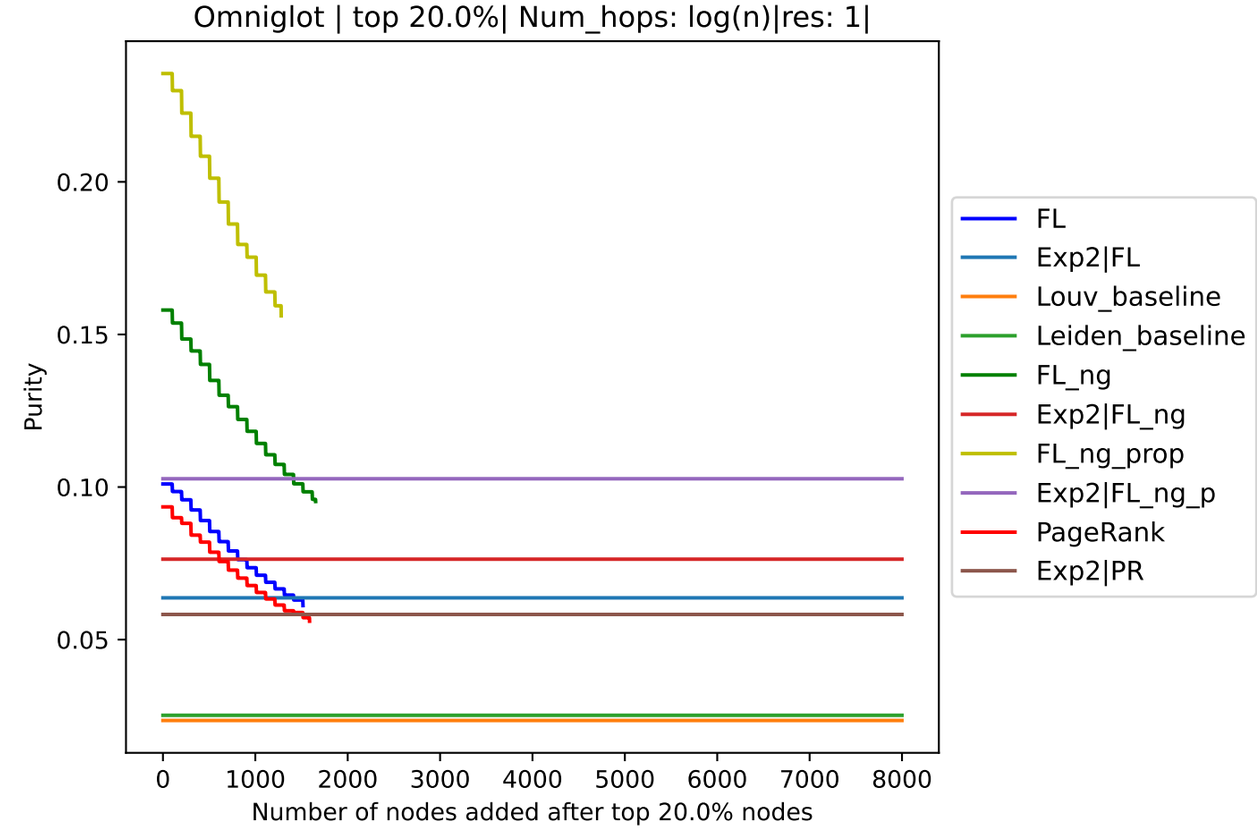
Omniglot | top 20.0%| Num_hops: log(n)|res: 0.25|



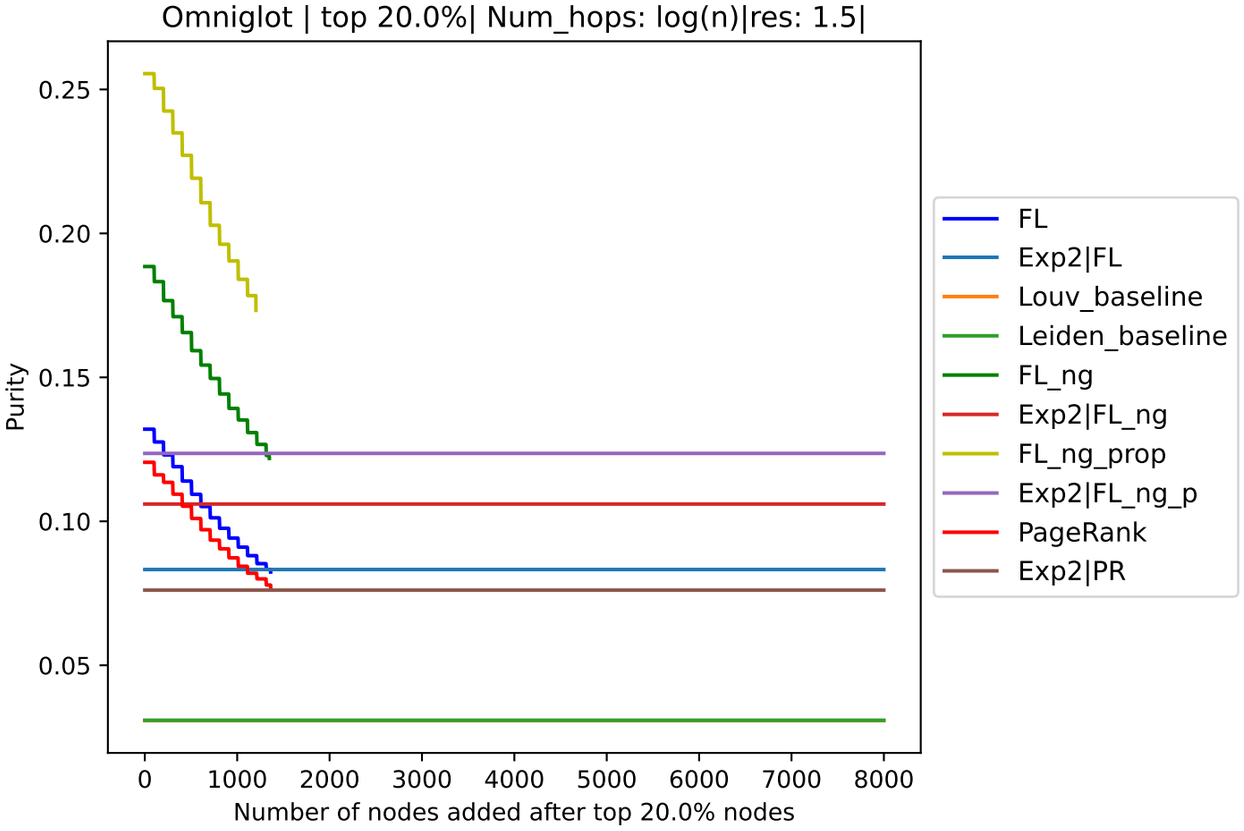
Omniglot | top 20.0%| Num_hops: log(n)|res: 0.5|



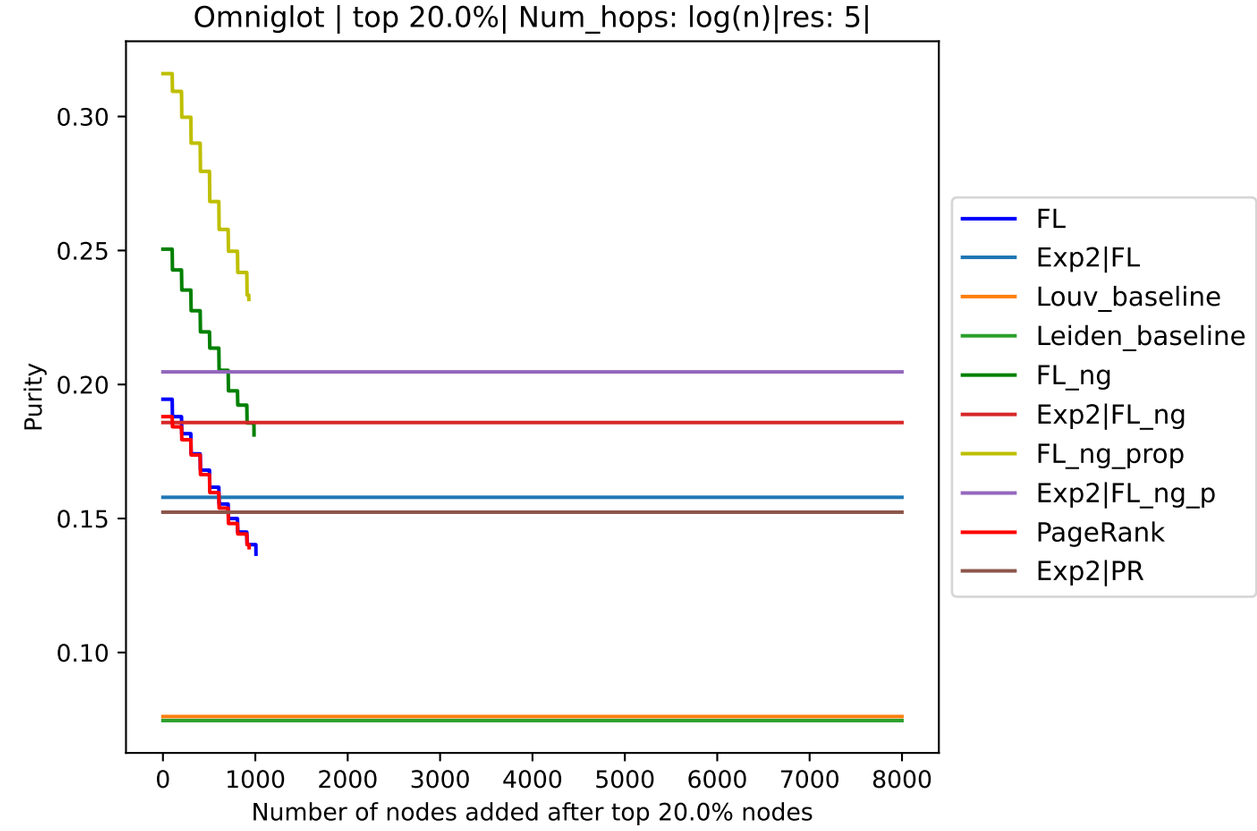
Omniglot | top 20.0%| Num_hops: log(n)|res: 1|

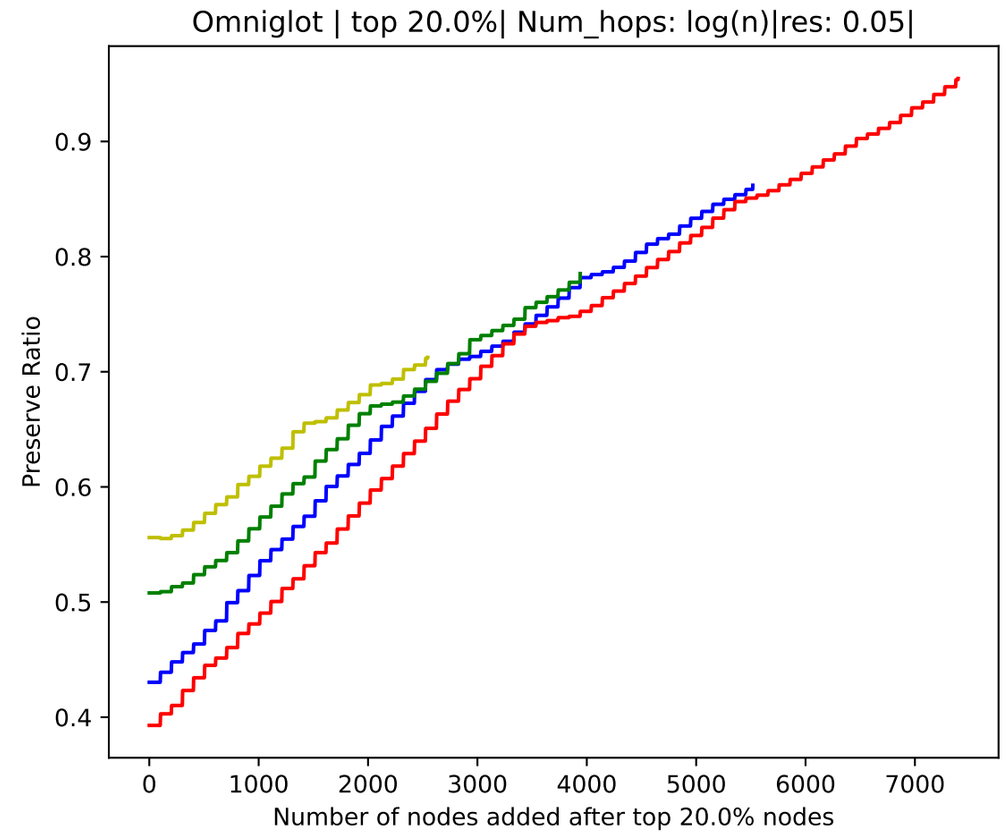


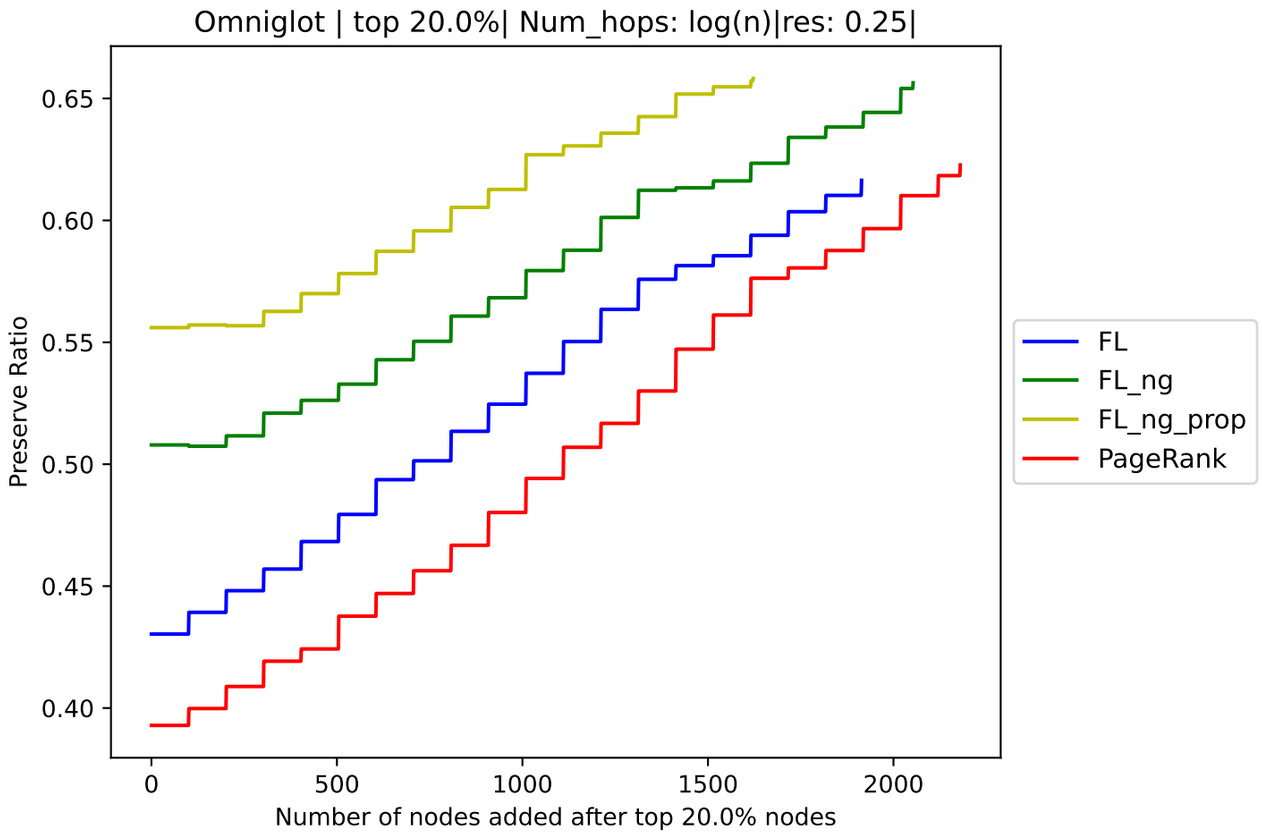
Omniglot | top 20.0%| Num_hops: log(n)|res: 1.5|

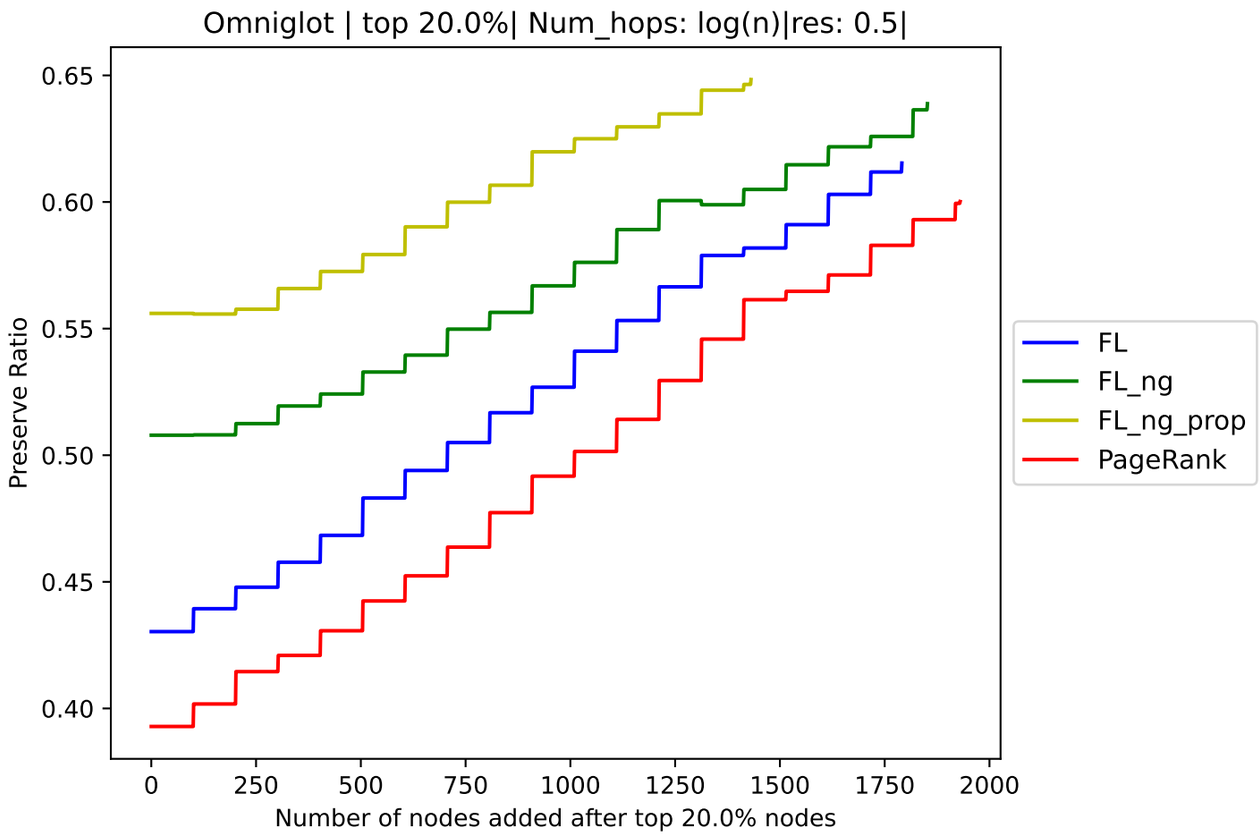


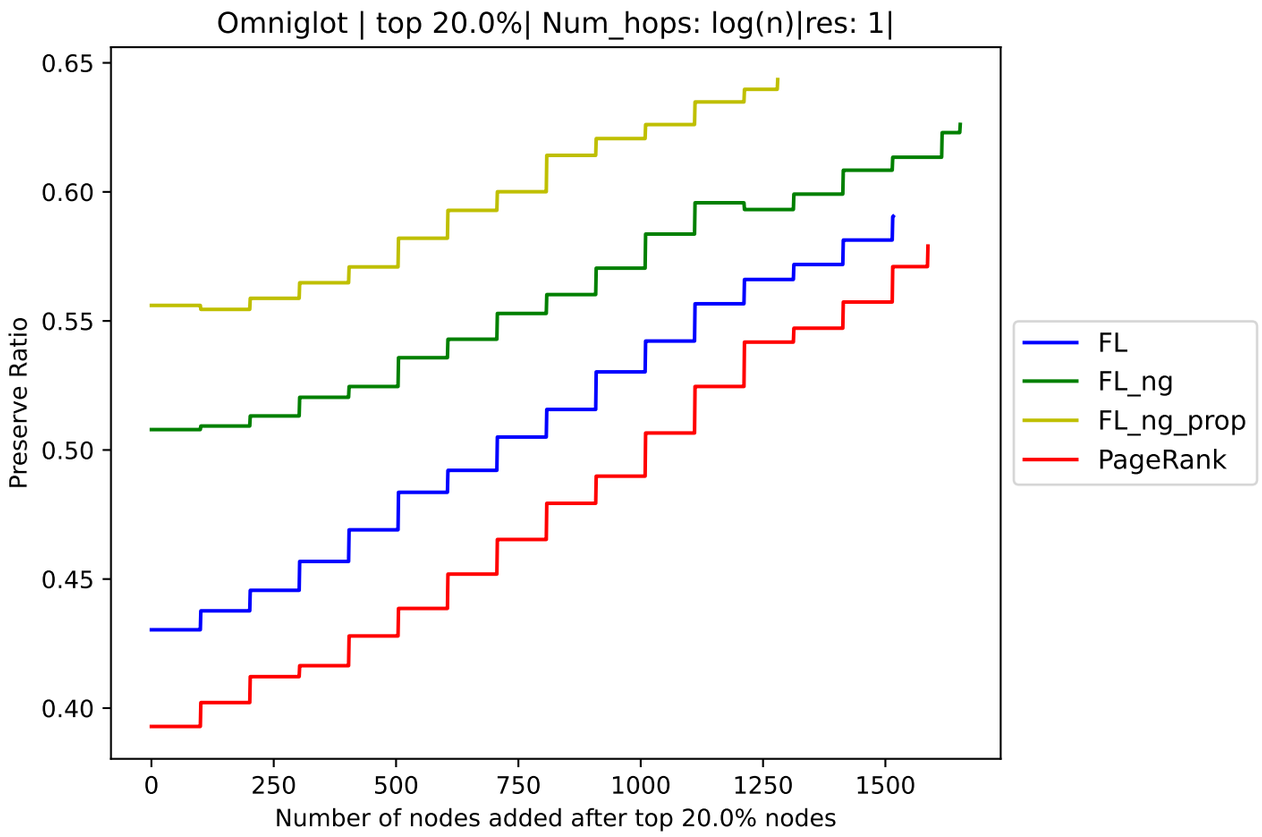
Omniglot | top 20.0%| Num_hops: log(n)|res: 5|

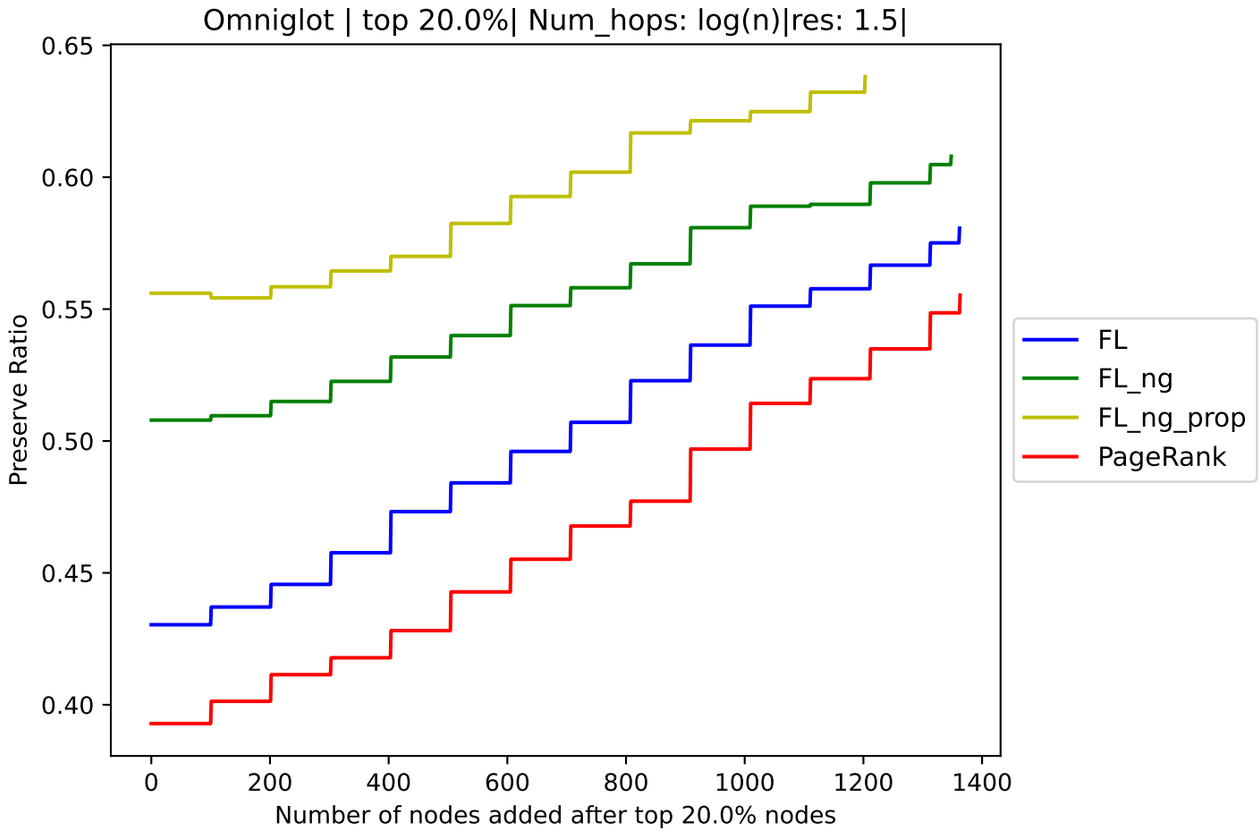


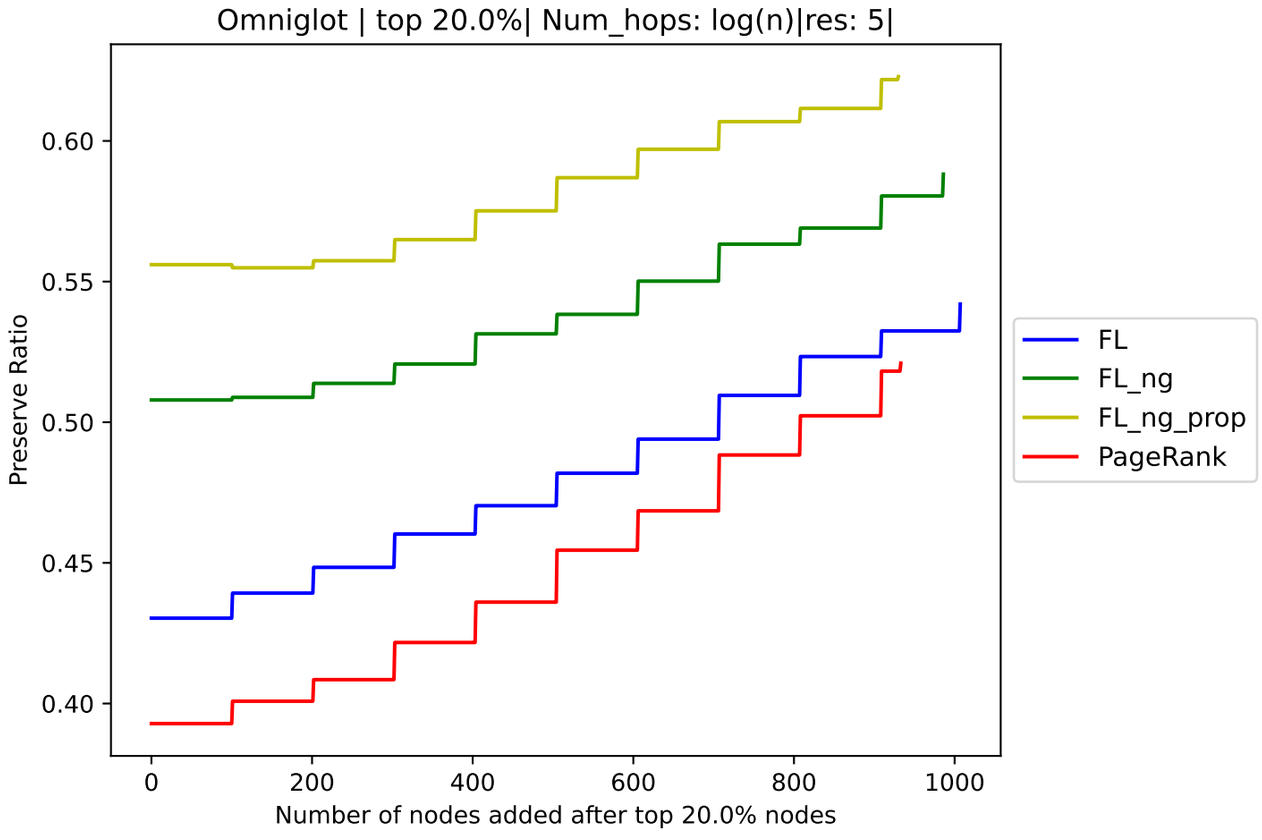

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.05|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

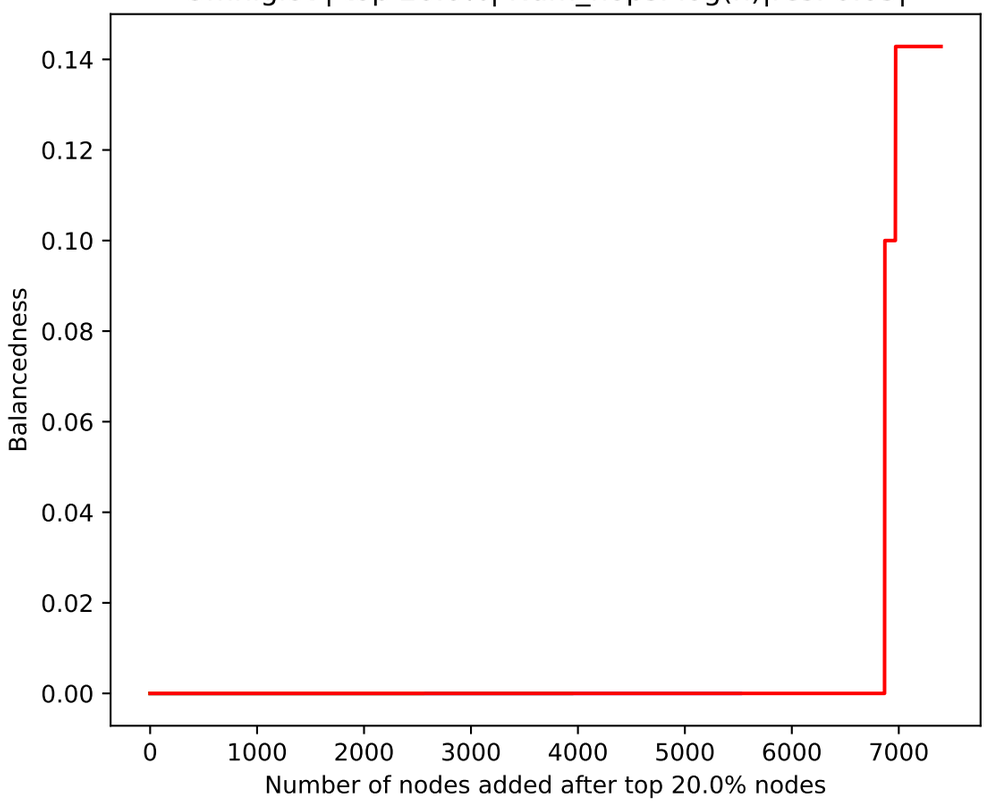

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.25|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

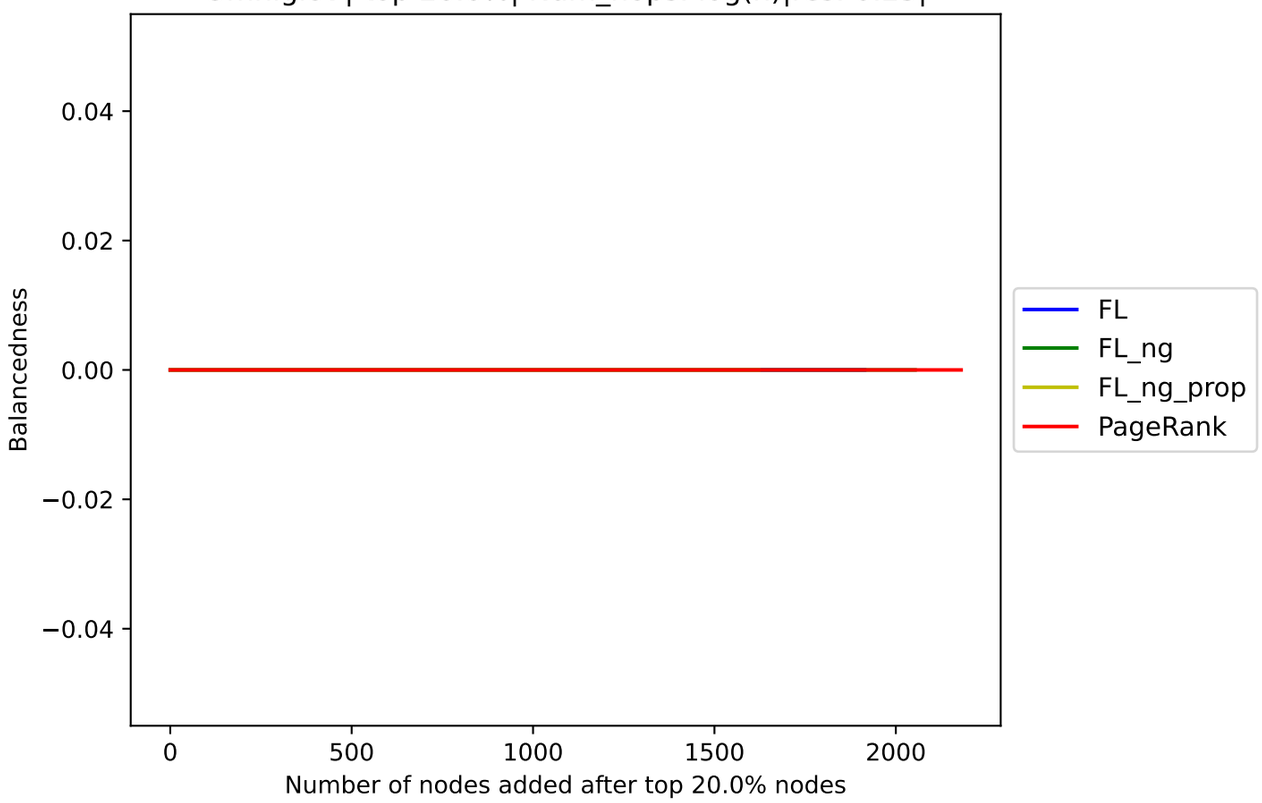

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

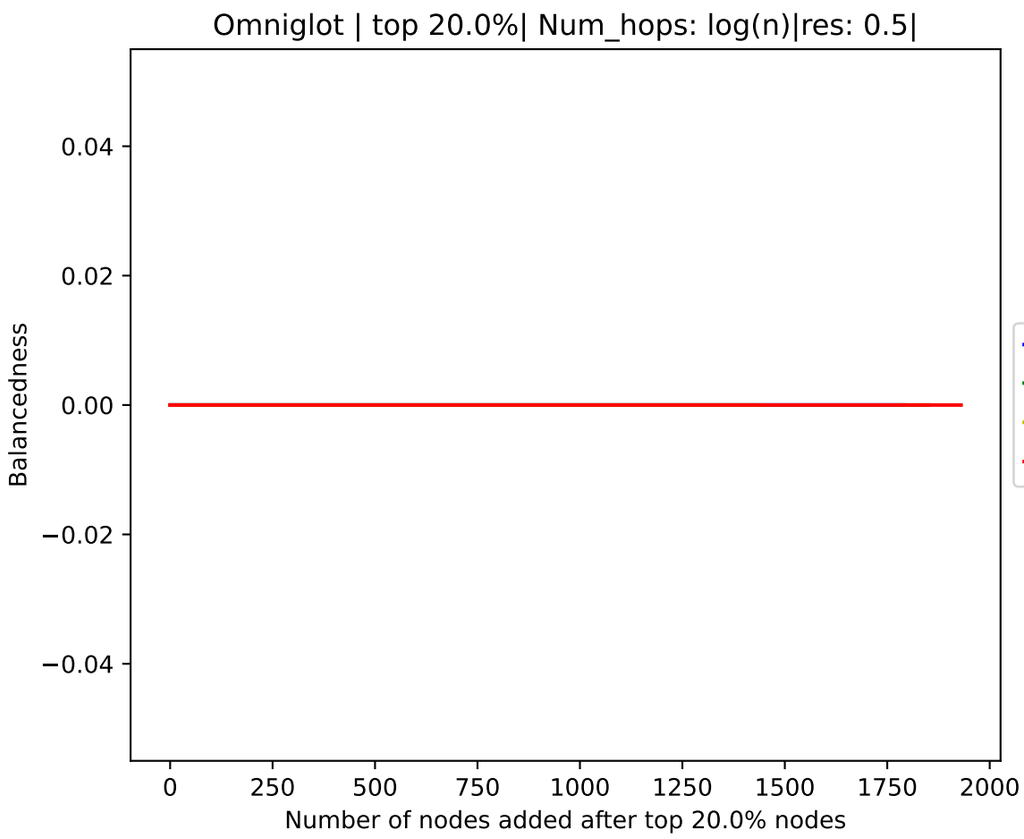

Omniglot | top 20.0%| Num_hops: log(n)|res: 1|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

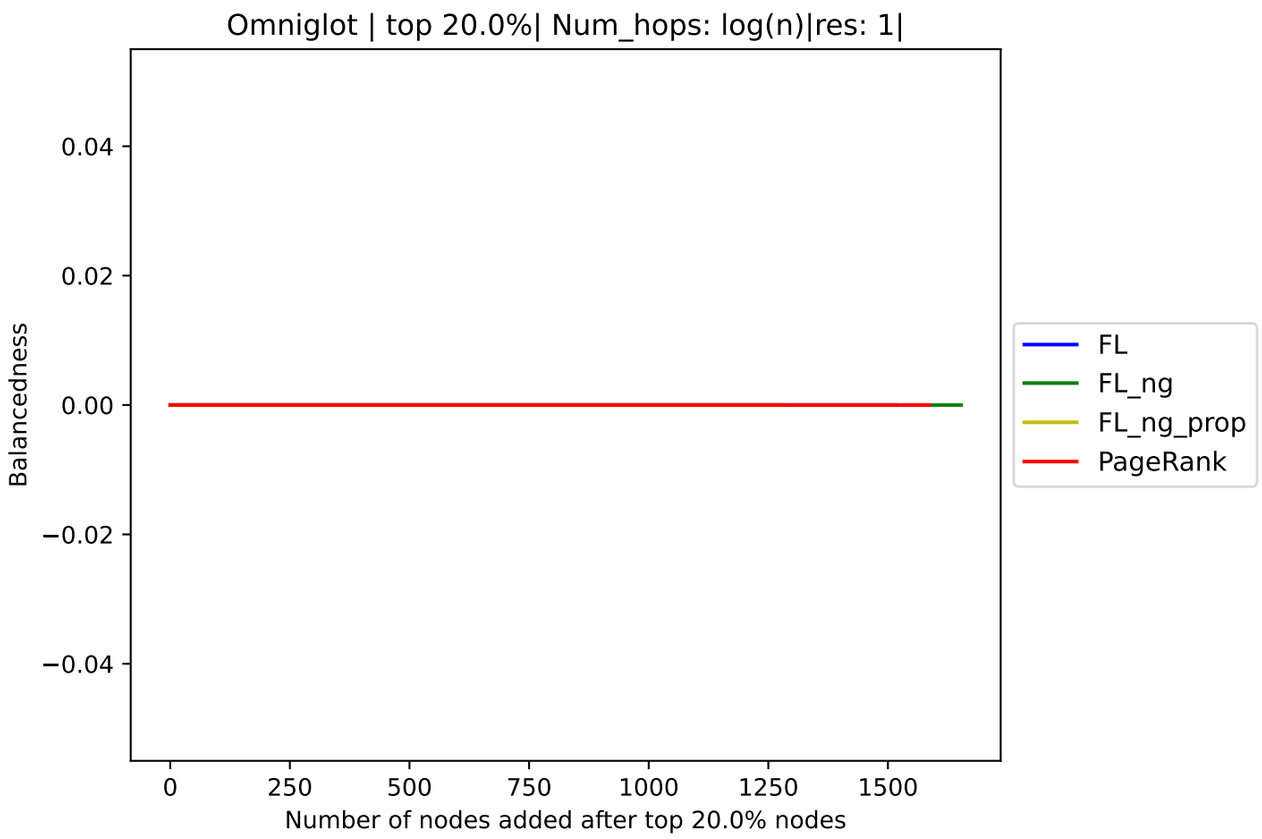

Omniglot | top 20.0%| Num_hops: log(n)|res: 1.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

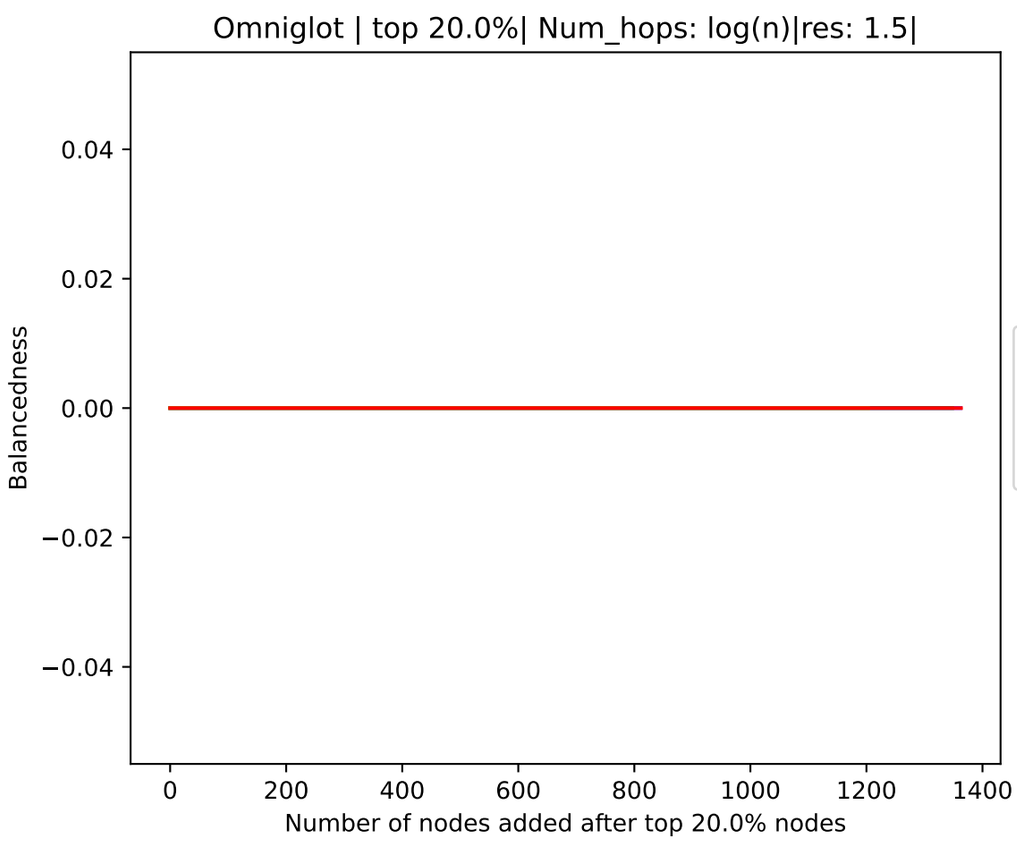

Omniglot | top 20.0%| Num_hops: log(n)|res: 5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

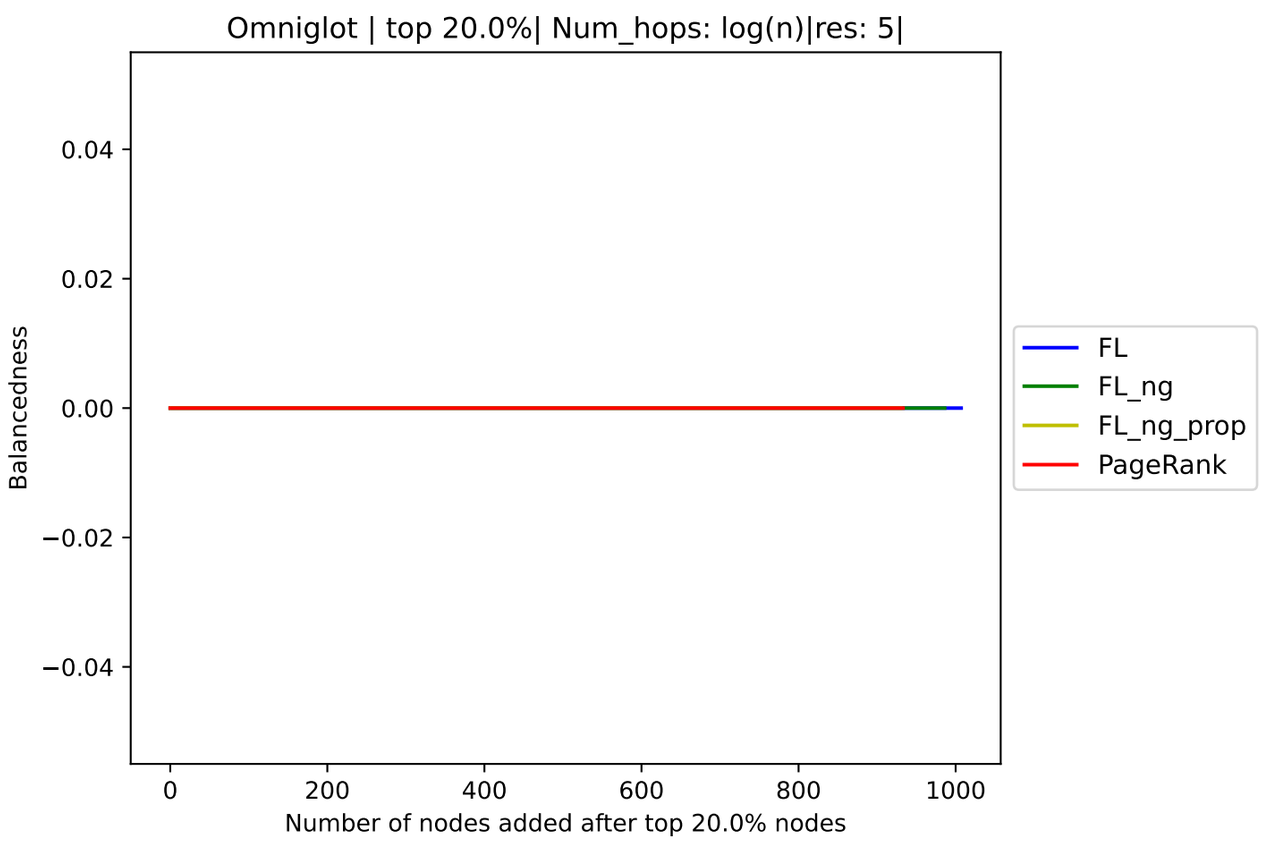

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.05|
Balancedness
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
1000
2000
3000
4000
5000
6000
7000
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

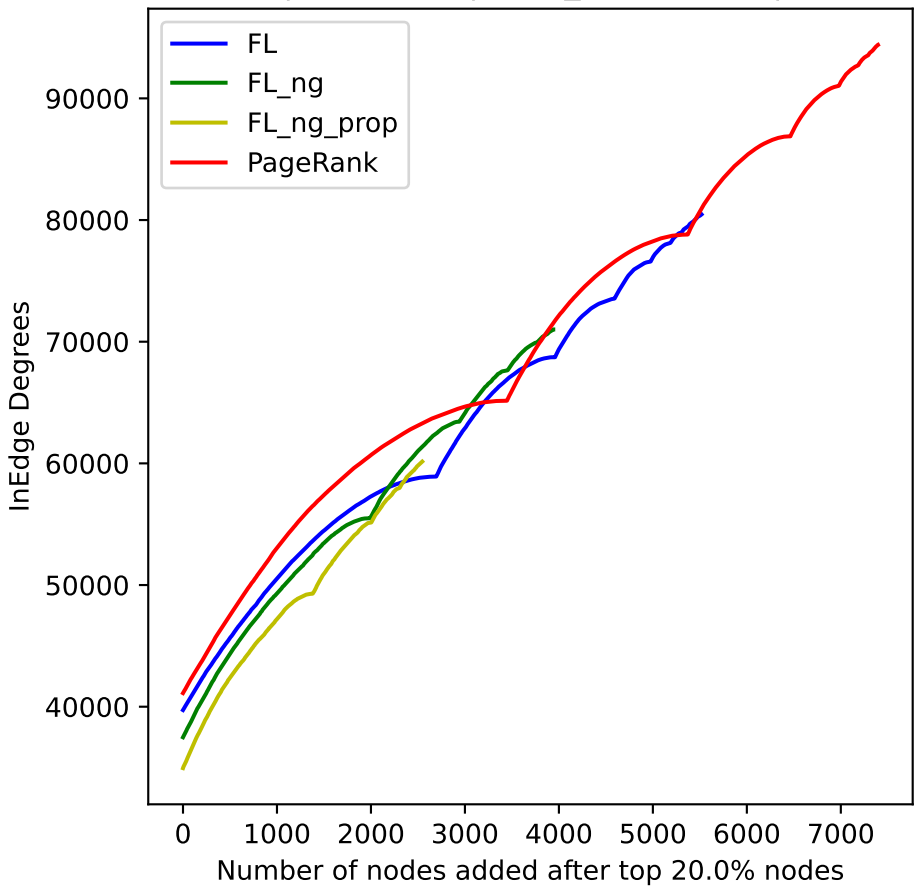

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.25|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
500
1000
1500
2000
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

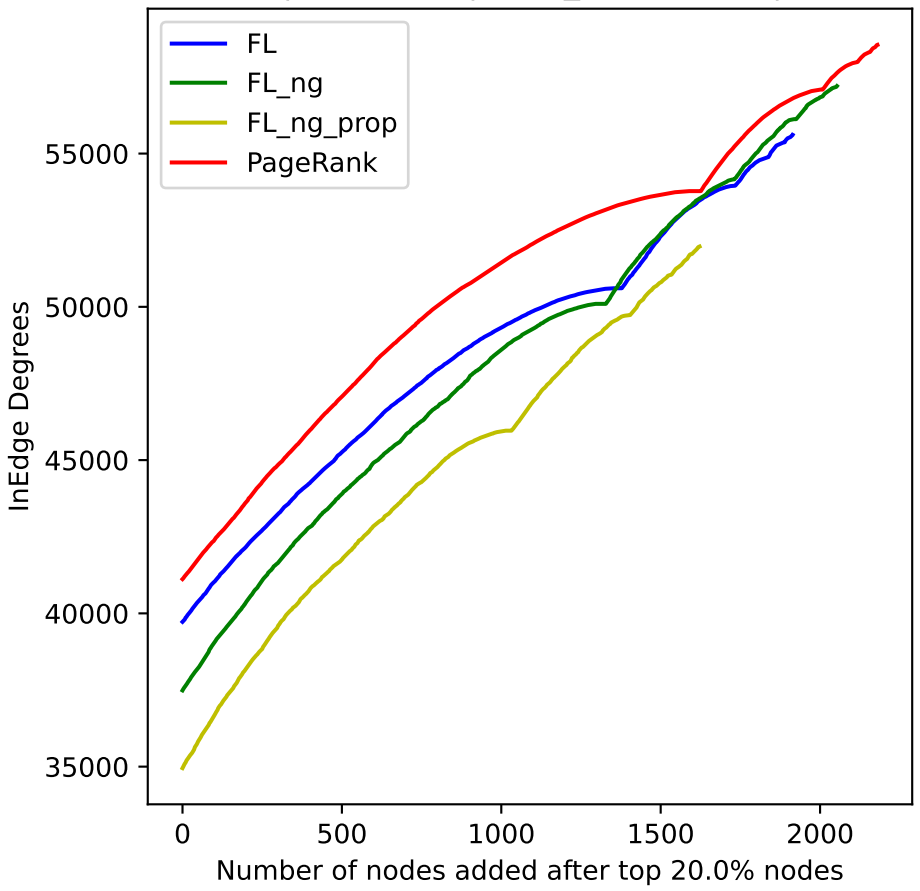

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
250
500
750
1000
1250
1500
1750
2000
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

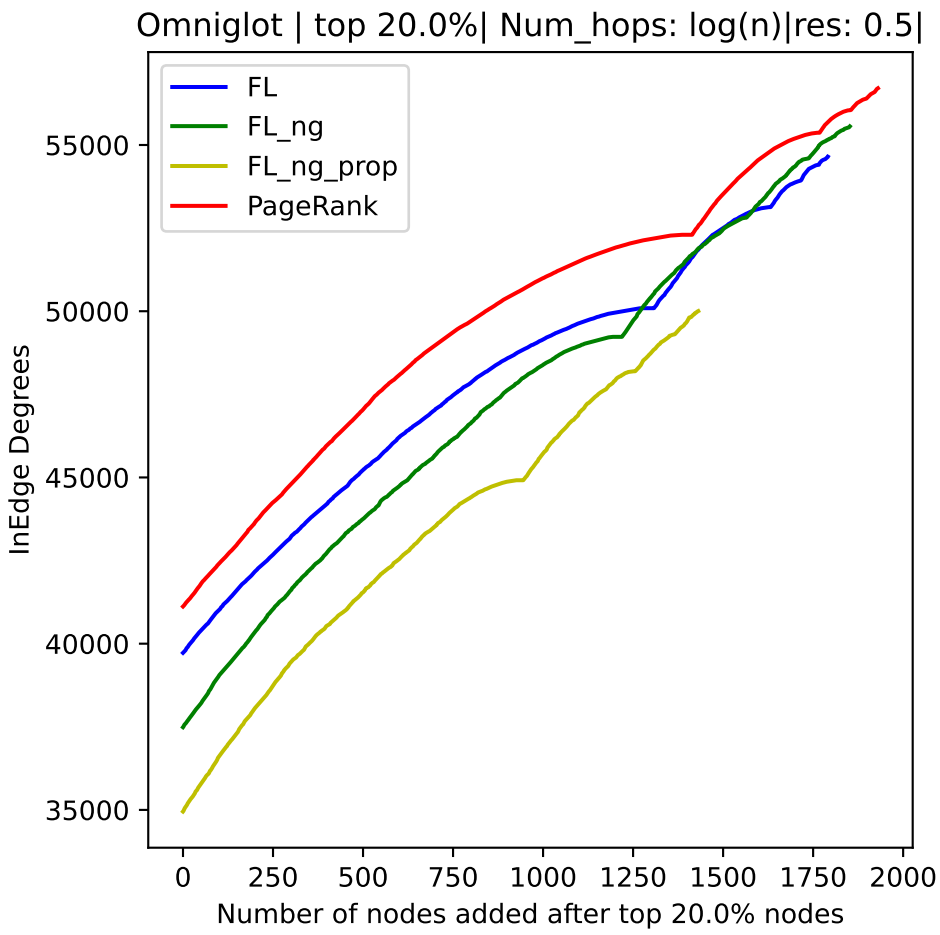

Omniglot | top 20.0%| Num_hops: log(n)|res: 1|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
250
500
750
1000
1250
1500
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

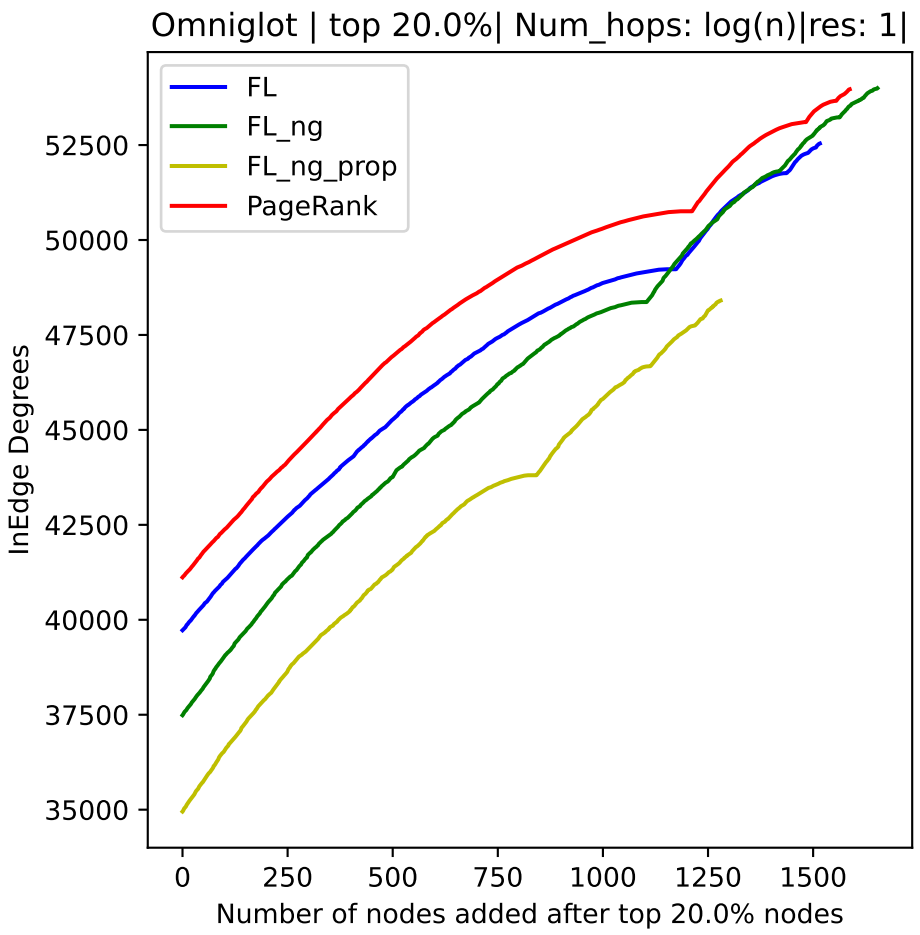

Omniglot | top 20.0%| Num_hops: log(n)|res: 1.5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
1200
1400
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

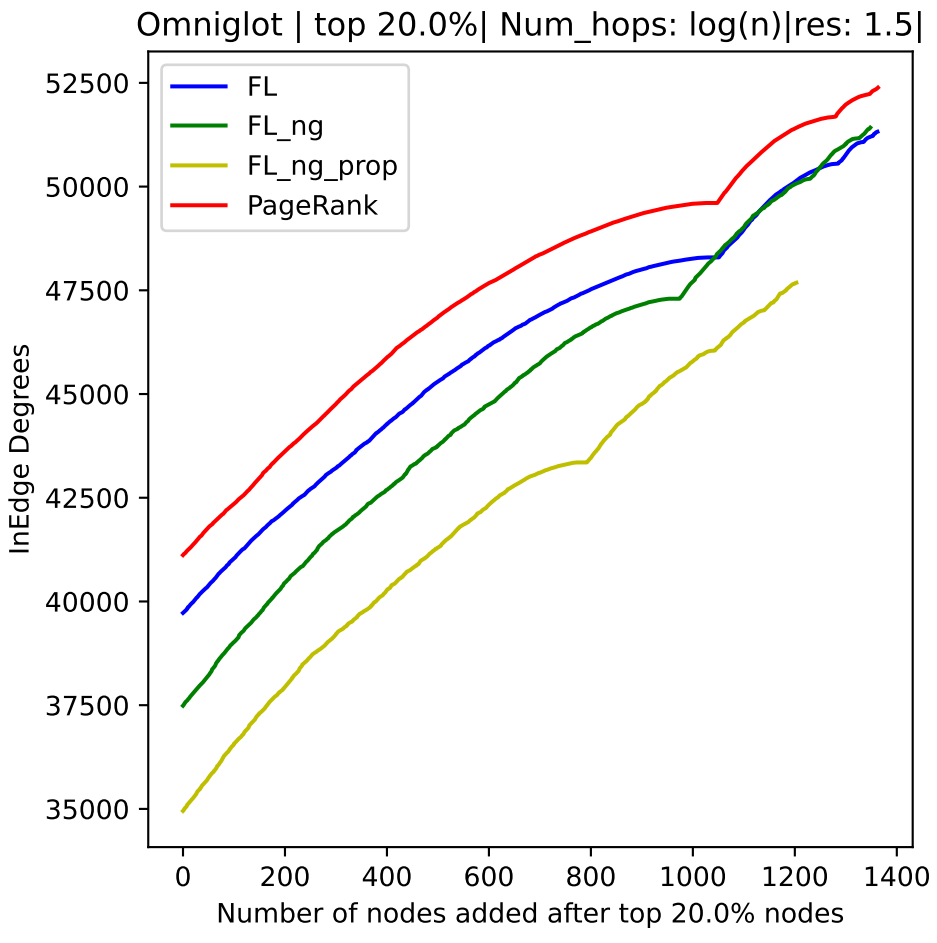

Omniglot | top 20.0%| Num_hops: log(n)|res: 5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

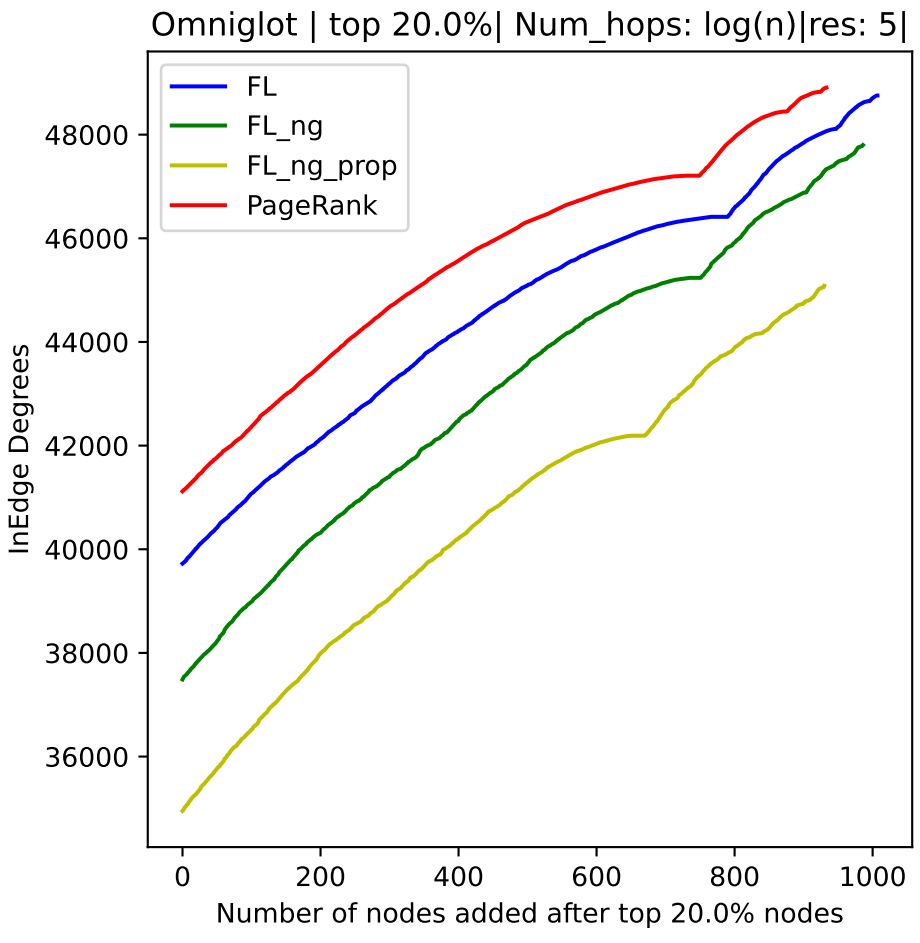

Omniglot | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
90000
80000
70000
60000
50000
40000
0
1000
2000
3000
4000
5000
6000
7000
Number of nodes added after top 20.0% nodes


Omniglot | top 20.0%| Num_hops: log(n)|res: 0.25|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
55000
50000
45000
40000
35000
0
500
1000
1500
2000
Number of nodes added after top 20.0% nodes


Omniglot | top 20.0%| Num_hops: log(n)|res: 0.5|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
55000
50000
45000
40000
35000
0
250
500
750
1000
1250
1500
1750
2000
Number of nodes added after top 20.0% nodes


Omniglot | top 20.0%| Num_hops: log(n)|res: 1|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
52500
50000
47500
45000
42500
40000
37500
35000
0
250
500
750
1000
1250
1500
Number of nodes added after top 20.0% nodes


Omniglot | top 20.0%| Num_hops: log(n)|res: 1.5|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
52500
50000
47500
45000
42500
40000
37500
35000
0
200
400
600
800
1000
1200
1400
Number of nodes added after top 20.0% nodes


Omniglot | top 20.0%| Num_hops: log(n)|res: 5|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
48000
46000
44000
42000
40000
38000
36000
0
200
400
600
800
1000
Number of nodes added after top 20.0% nodes