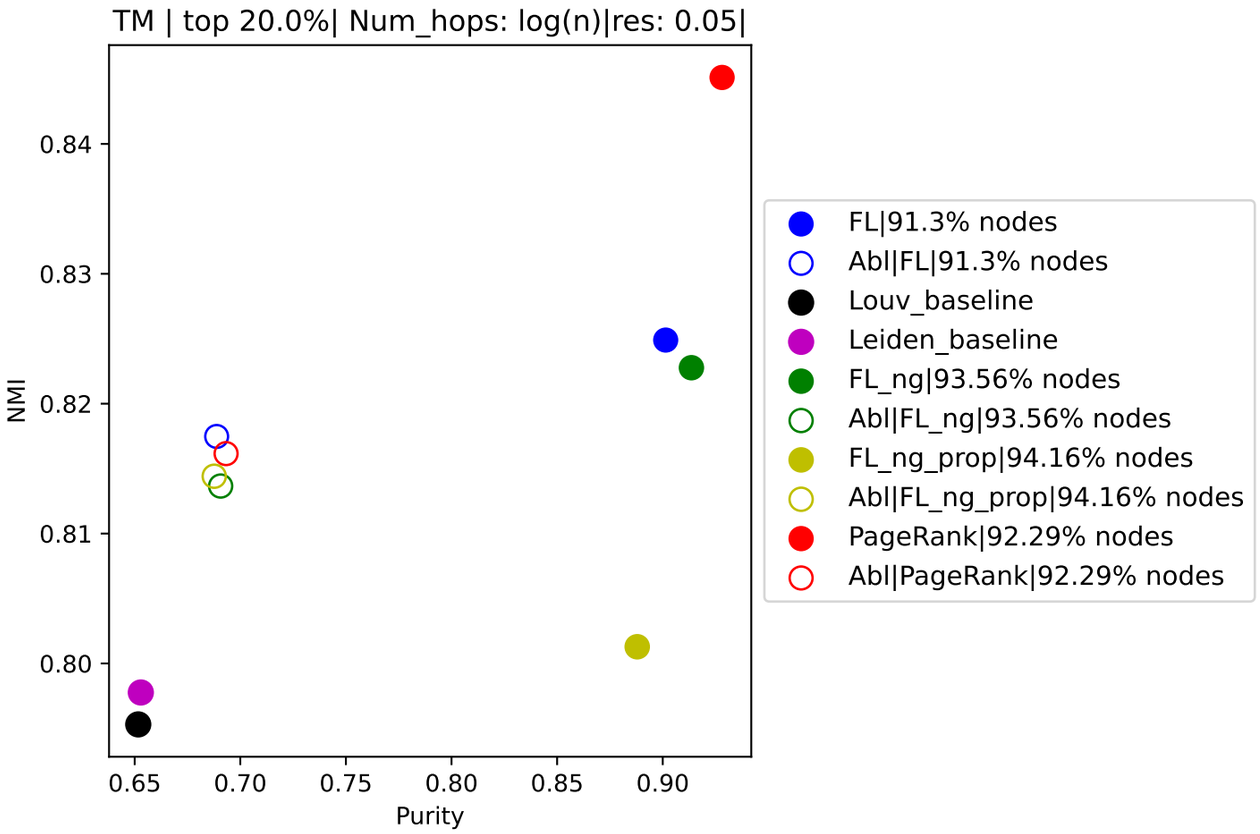
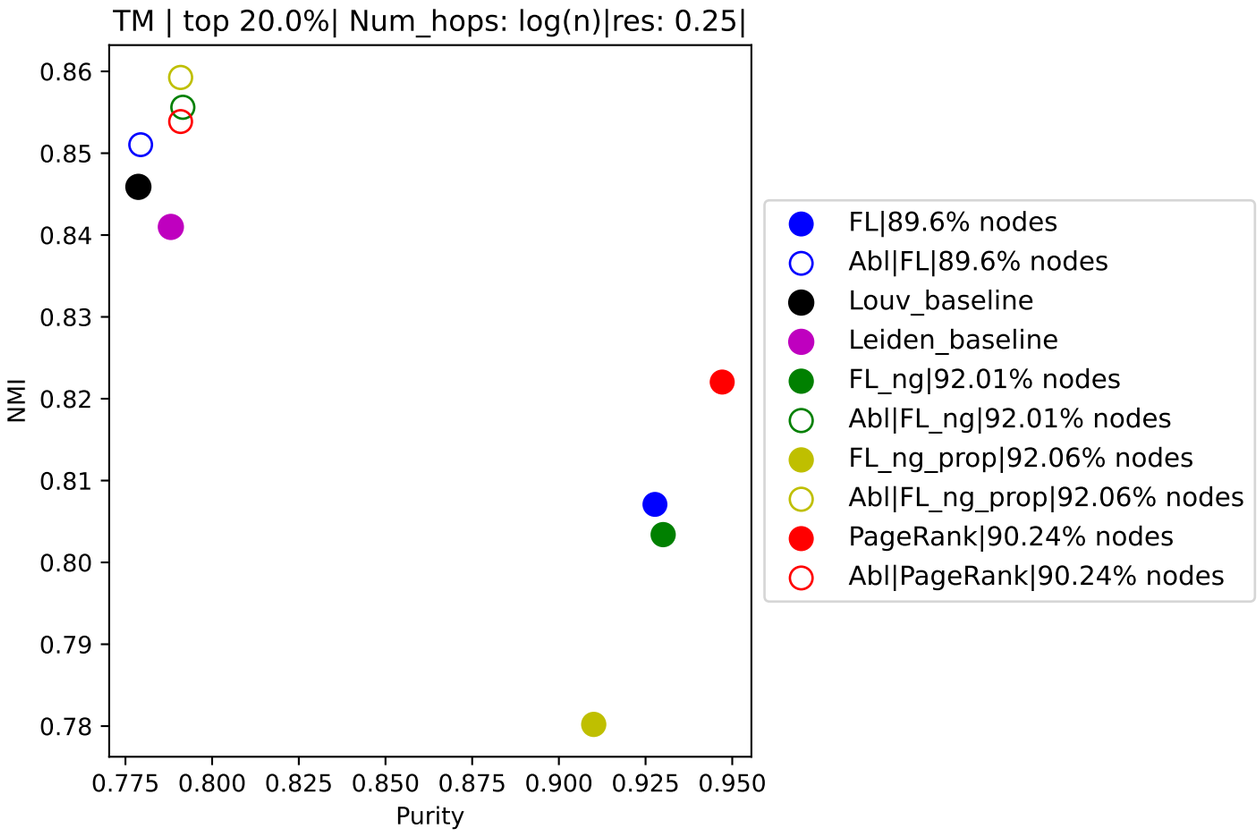
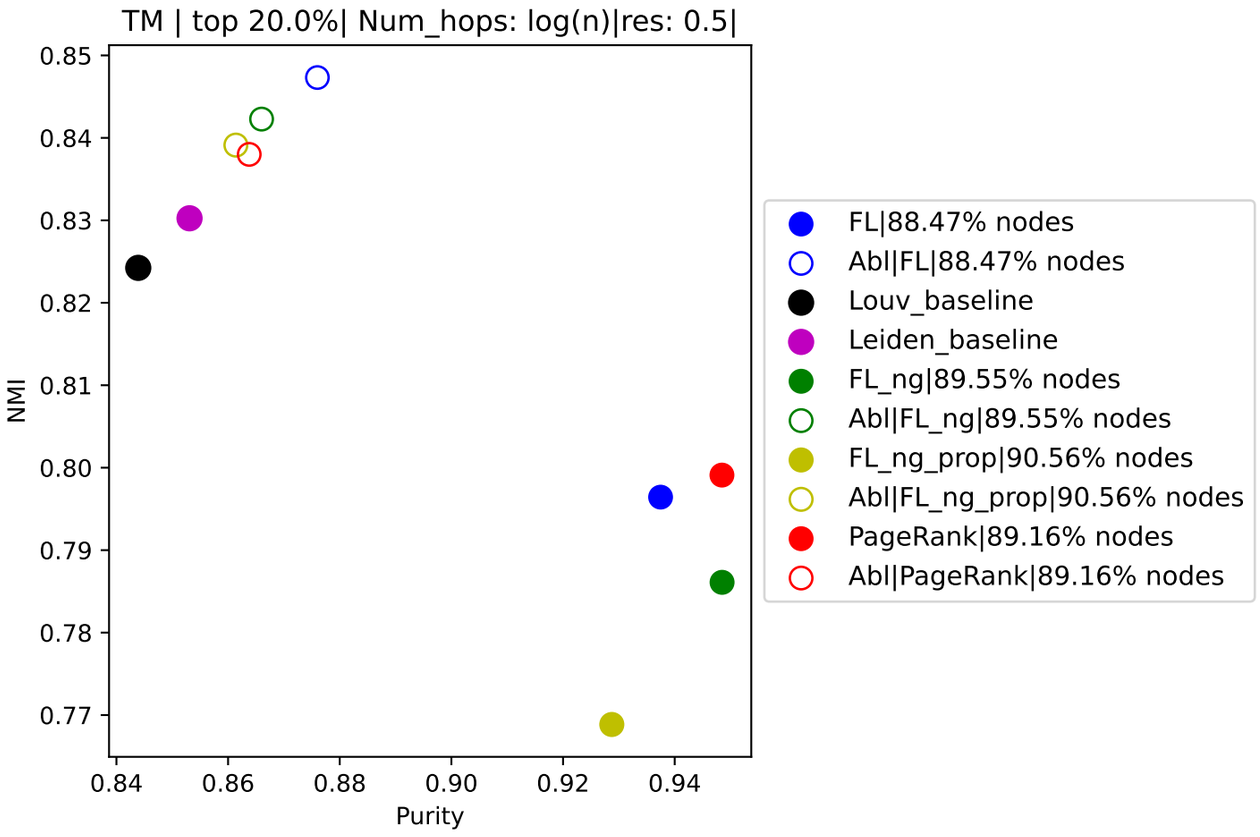
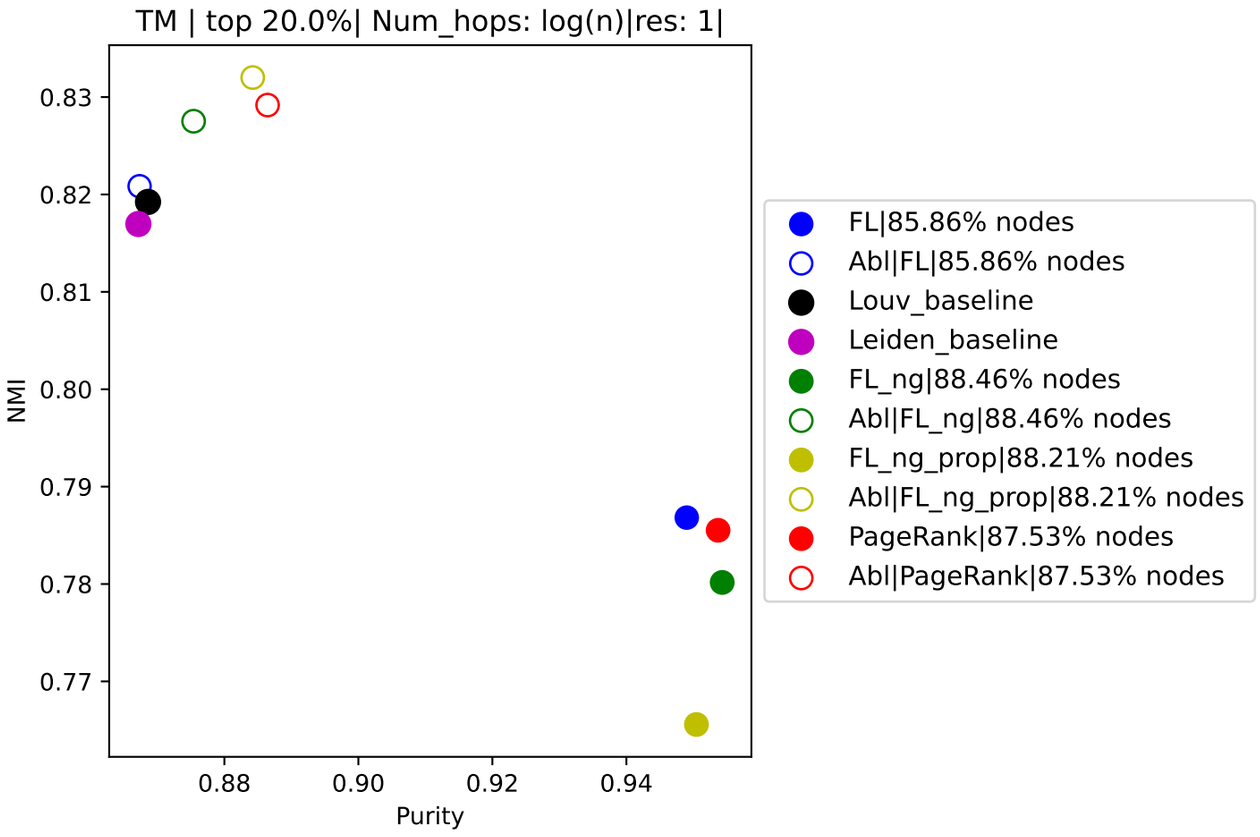
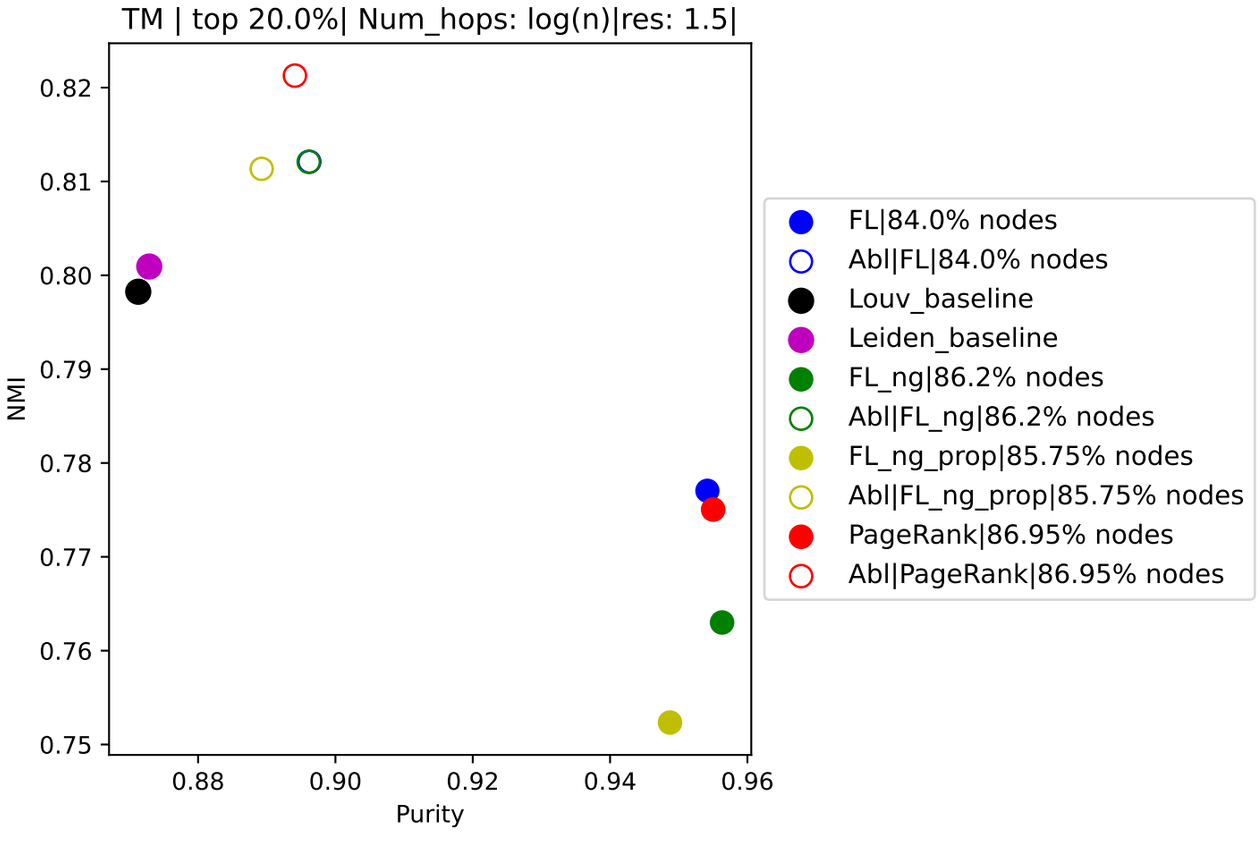
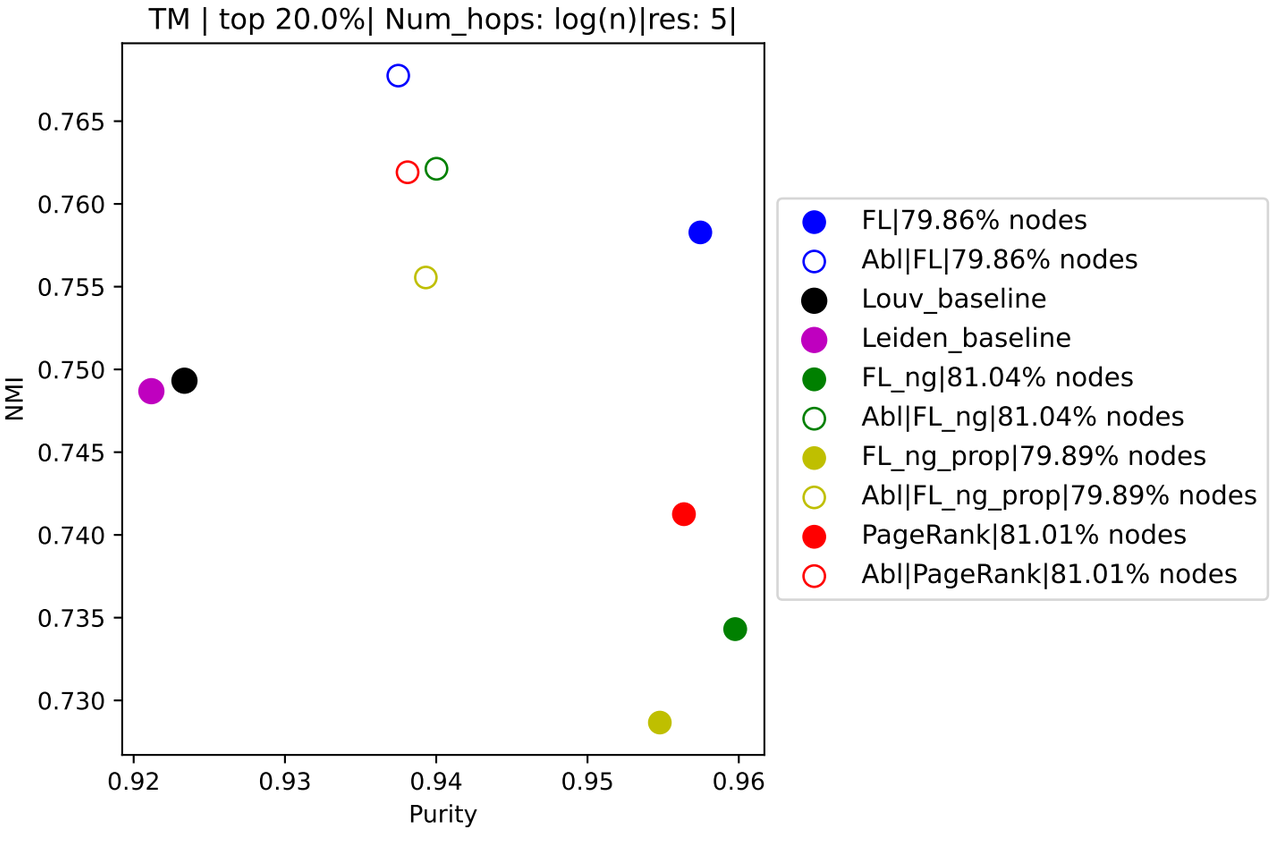

TM | top 20.0%| Num_hops: log(n)|res: 0.05|
NMI
Purity
0.84
0.83
0.82
0.81
0.80
0.65
0.70
0.75
0.80
0.85
0.90
FL|91.3% nodes
Abl|FL|91.3% nodes
Louv_baseline
Leiden_baseline
FL_ng|93.56% nodes
Abl|FL_ng|93.56% nodes
FL_ng_prop|94.16% nodes
Abl|FL_ng_prop|94.16% nodes
PageRank|92.29% nodes
Abl|PageRank|92.29% nodes

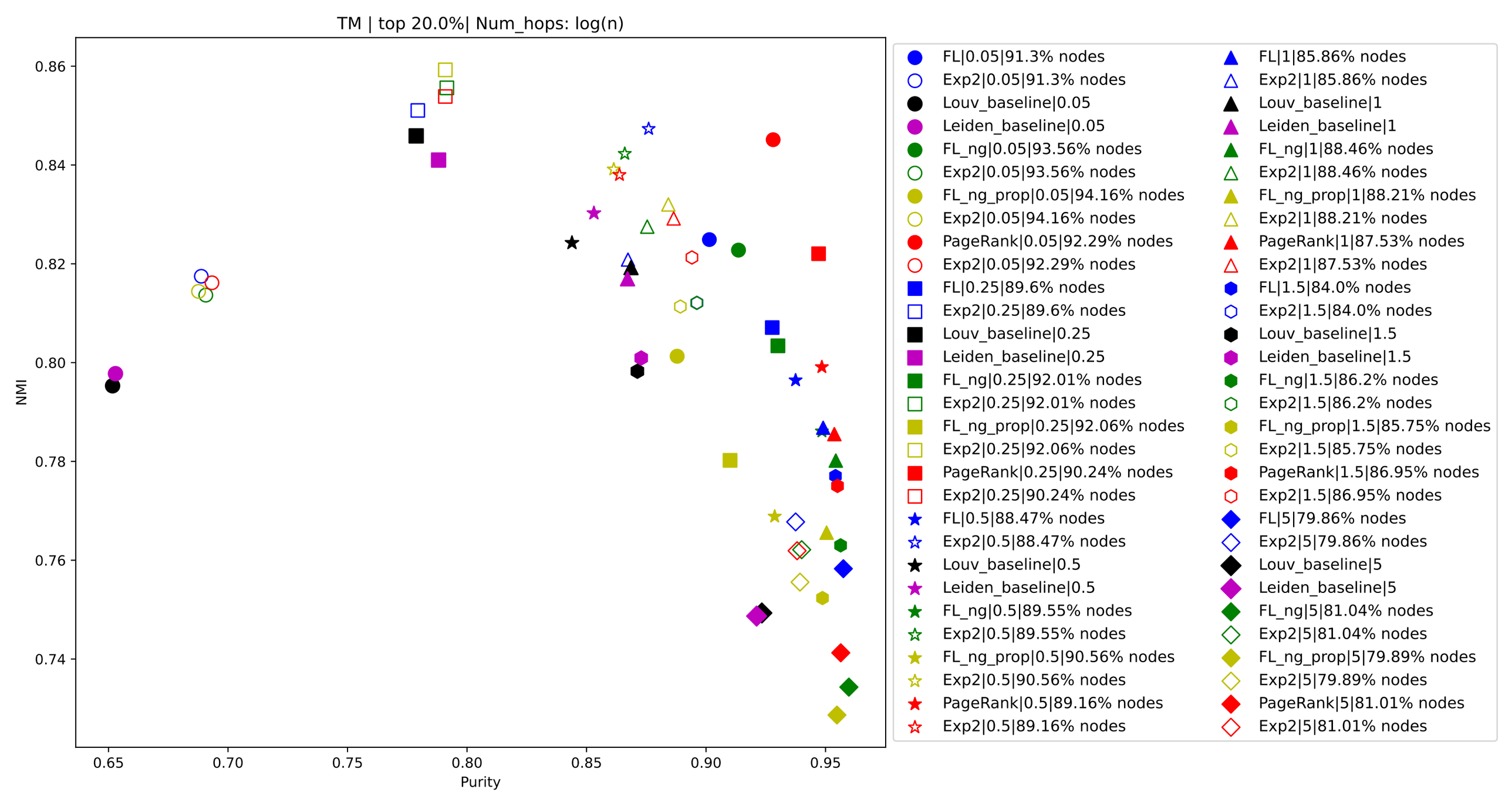

TM | top 20.0%| Num_hops: log(n)|res: 0.25|
NMI
Purity
0.86
0.85
0.84
0.83
0.82
0.81
0.80
0.79
0.78
0.775
0.800
0.825
0.850
0.875
0.900
0.925
0.950
FL|89.6% nodes
Abl|FL|89.6% nodes
Louv_baseline
Leiden_baseline
FL_ng|92.01% nodes
Abl|FL_ng|92.01% nodes
FL_ng_prop|92.06% nodes
Abl|FL_ng_prop|92.06% nodes
PageRank|90.24% nodes
Abl|PageRank|90.24% nodes

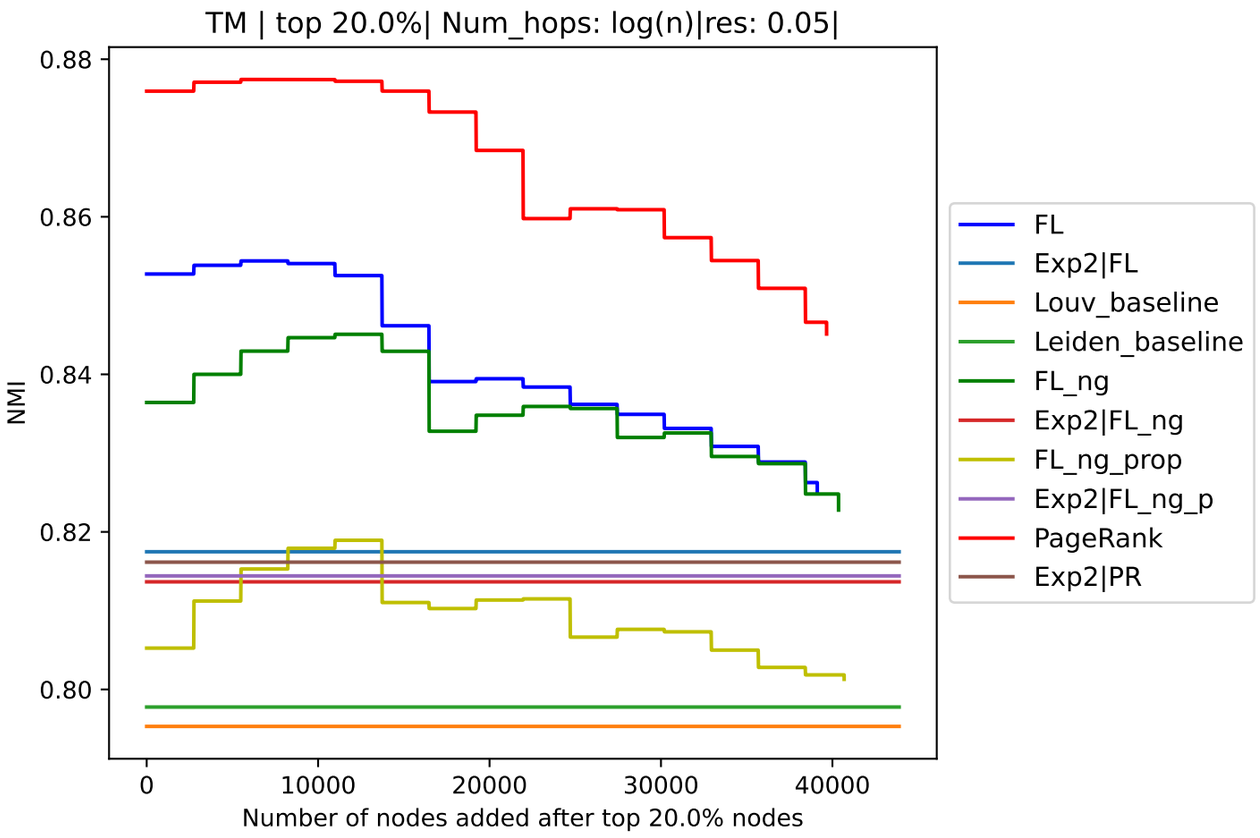

TM | top 20.0%| Num_hops: log(n)|res: 0.5|
NMI
Purity
0.85
0.84
0.83
0.82
0.81
0.80
0.79
0.78
0.77
0.84
0.86
0.88
0.90
0.92
0.94
FL|88.47% nodes
Abl|FL|88.47% nodes
Louv_baseline
Leiden_baseline
FL_ng|89.55% nodes
Abl|FL_ng|89.55% nodes
FL_ng_prop|90.56% nodes
Abl|FL_ng_prop|90.56% nodes
PageRank|89.16% nodes
Abl|PageRank|89.16% nodes

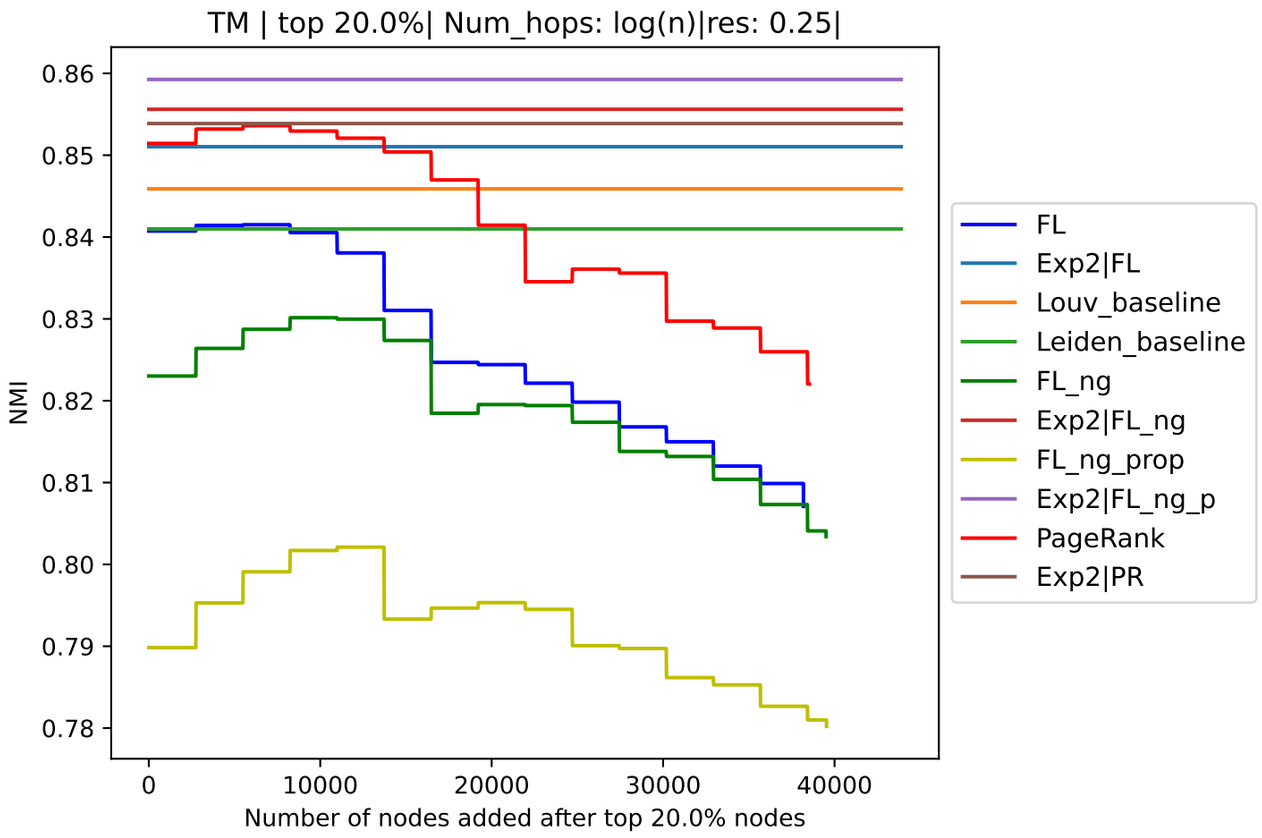

TM | top 20.0%| Num_hops: log(n)|res: 1|
NMI
Purity
0.83
0.82
0.81
0.80
0.79
0.78
0.77
0.88
0.90
0.92
0.94
FL|85.86% nodes
Abl|FL|85.86% nodes
Louv_baseline
Leiden_baseline
FL_ng|88.46% nodes
Abl|FL_ng|88.46% nodes
FL_ng_prop|88.21% nodes
Abl|FL_ng_prop|88.21% nodes
PageRank|87.53% nodes
Abl|PageRank|87.53% nodes

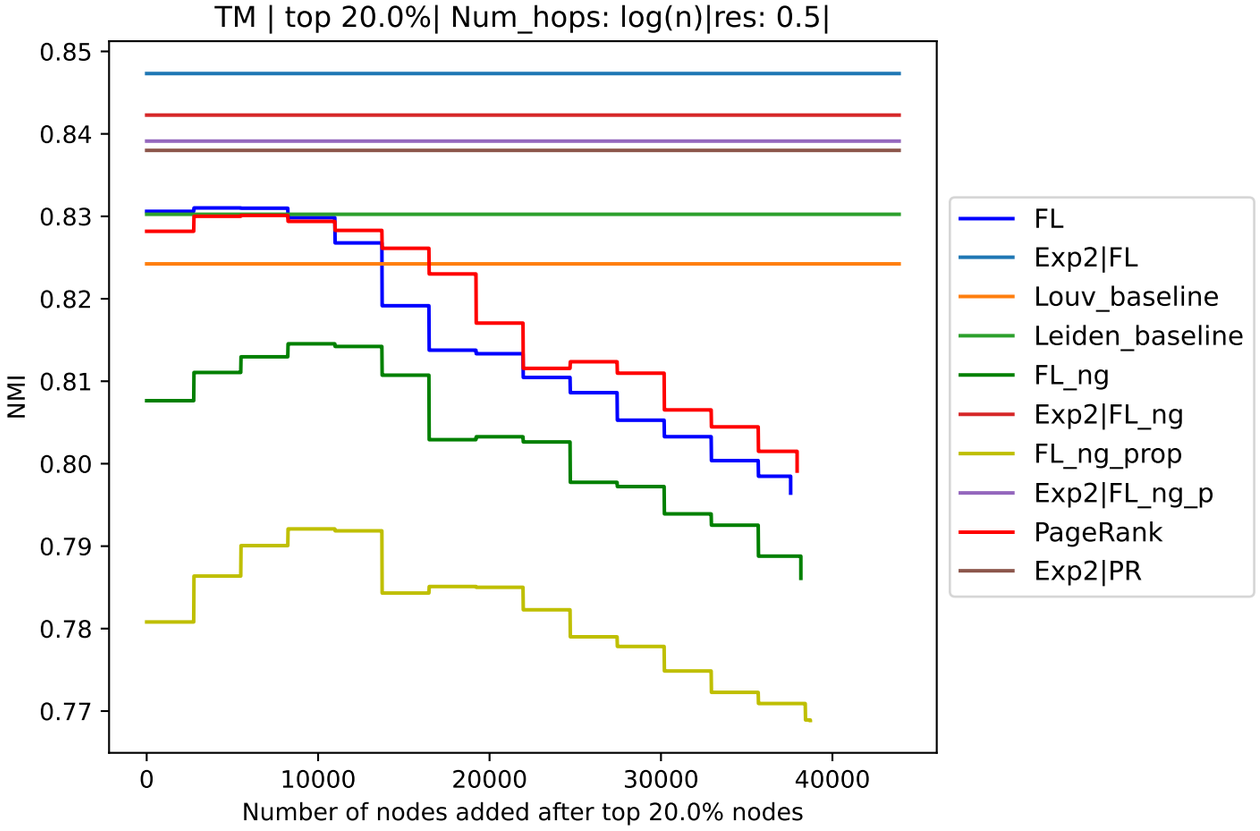

TM | top 20.0%| Num_hops: log(n)|res: 1.5|
NMI
Purity
0.82
0.81
0.80
0.79
0.78
0.77
0.76
0.75
0.88
0.90
0.92
0.94
0.96
FL|84.0% nodes
Abl|FL|84.0% nodes
Louv_baseline
Leiden_baseline
FL_ng|86.2% nodes
Abl|FL_ng|86.2% nodes
FL_ng_prop|85.75% nodes
Abl|FL_ng_prop|85.75% nodes
PageRank|86.95% nodes
Abl|PageRank|86.95% nodes

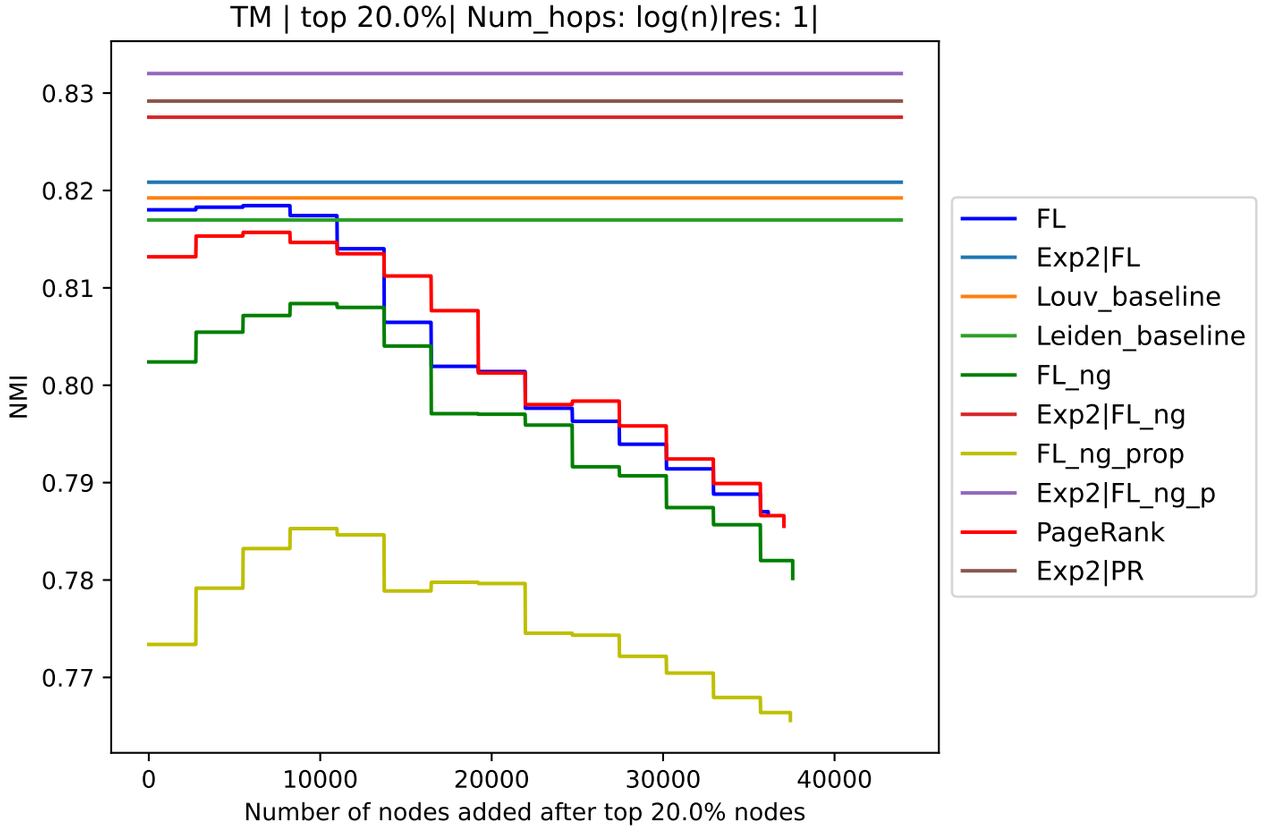

TM | top 20.0%| Num_hops: log(n)|res: 5|
NMI
Purity
0.765
0.760
0.755
0.750
0.745
0.740
0.735
0.730
0.92
0.93
0.94
0.95
0.96
FL|79.86% nodes
Abl|FL|79.86% nodes
Louv_baseline
Leiden_baseline
FL_ng|81.04% nodes
Abl|FL_ng|81.04% nodes
FL_ng_prop|79.89% nodes
Abl|FL_ng_prop|79.89% nodes
PageRank|81.01% nodes
Abl|PageRank|81.01% nodes

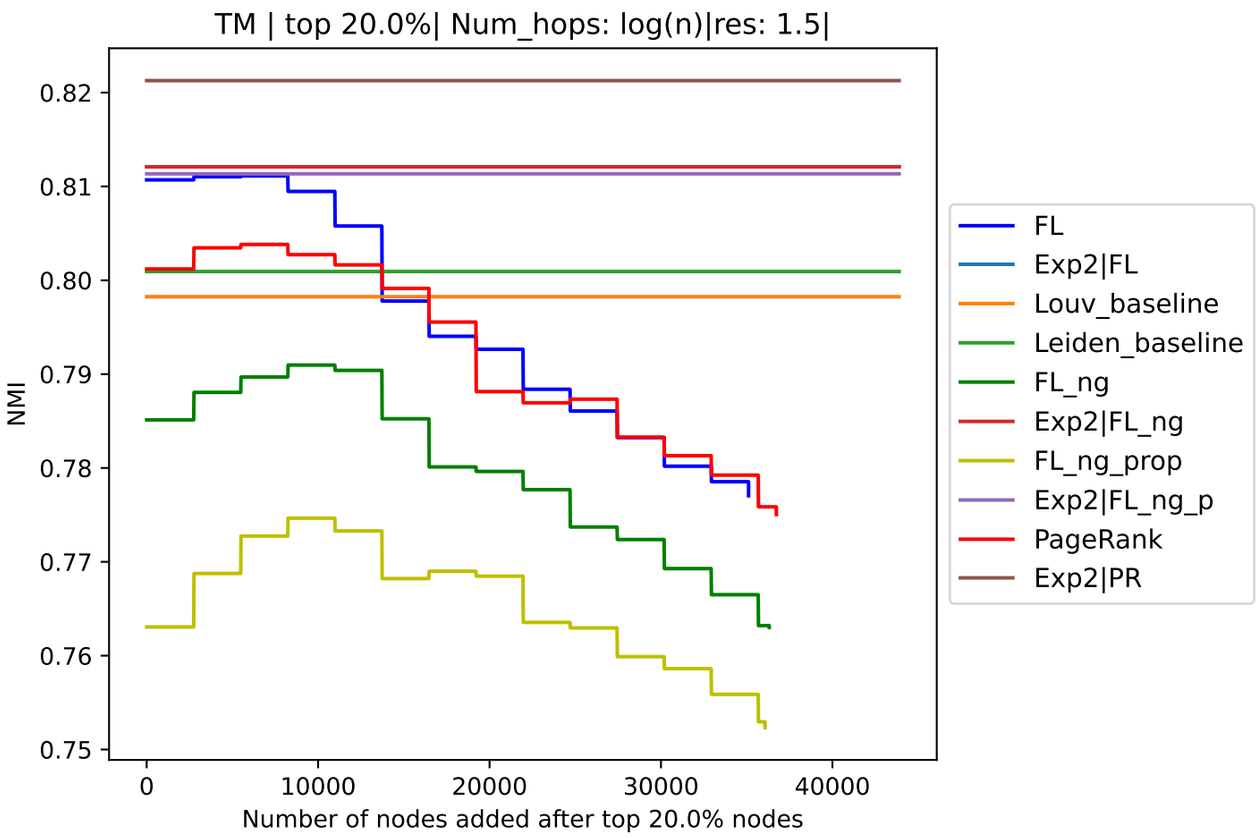

TM | top 20.0%| Num_hops: log(n)
NMI
Purity
0.86
0.84
0.82
0.80
0.78
0.76
0.74
0.65
0.70
0.75
0.80
0.85
0.90
0.95
FL|0.05|91.3% nodes
Exp2|0.05|91.3% nodes
Louv_baseline|0.05
Leiden_baseline|0.05
FL_ng|0.05|93.56% nodes
Exp2|0.05|93.56% nodes
FL_ng_prop|0.05|94.16% nodes
Exp2|0.05|94.16% nodes
PageRank|0.05|92.29% nodes
Exp2|0.05|92.29% nodes
FL|0.25|89.6% nodes
Exp2|0.25|89.6% nodes
Louv_baseline|0.25
Leiden_baseline|0.25
FL_ng|0.25|92.01% nodes
Exp2|0.25|92.01% nodes
FL_ng_prop|0.25|92.06% nodes
Exp2|0.25|92.06% nodes
PageRank|0.25|90.24% nodes
Exp2|0.25|90.24% nodes
FL|0.5|88.47% nodes
Exp2|0.5|88.47% nodes
Louv_baseline|0.5
Leiden_baseline|0.5
FL_ng|0.5|89.55% nodes
Exp2|0.5|89.55% nodes
FL_ng_prop|0.5|90.56% nodes
Exp2|0.5|90.56% nodes
PageRank|0.5|89.16% nodes
Exp2|0.5|89.16% nodes
FL|1|85.86% nodes
Exp2|1|85.86% nodes
Louv_baseline|1
Leiden_baseline|1
FL_ng|1|88.46% nodes
Exp2|1|88.46% nodes
FL_ng_prop|1|88.21% nodes
Exp2|1|88.21% nodes
PageRank|1|87.53% nodes
Exp2|1|87.53% nodes
FL|1.5|84.0% nodes
Exp2|1.5|84.0% nodes
Louv_baseline|1.5
Leiden_baseline|1.5
FL_ng|1.5|86.2% nodes
Exp2|1.5|86.2% nodes
FL_ng_prop|1.5|85.75% nodes
Exp2|1.5|85.75% nodes
PageRank|1.5|86.95% nodes
Exp2|1.5|86.95% nodes
FL|5|79.86% nodes
Exp2|5|79.86% nodes
Louv_baseline|5
Leiden_baseline|5
FL_ng|5|81.04% nodes
Exp2|5|81.04% nodes
FL_ng_prop|5|79.89% nodes
Exp2|5|79.89% nodes
PageRank|5|81.01% nodes
Exp2|5|81.01% nodes

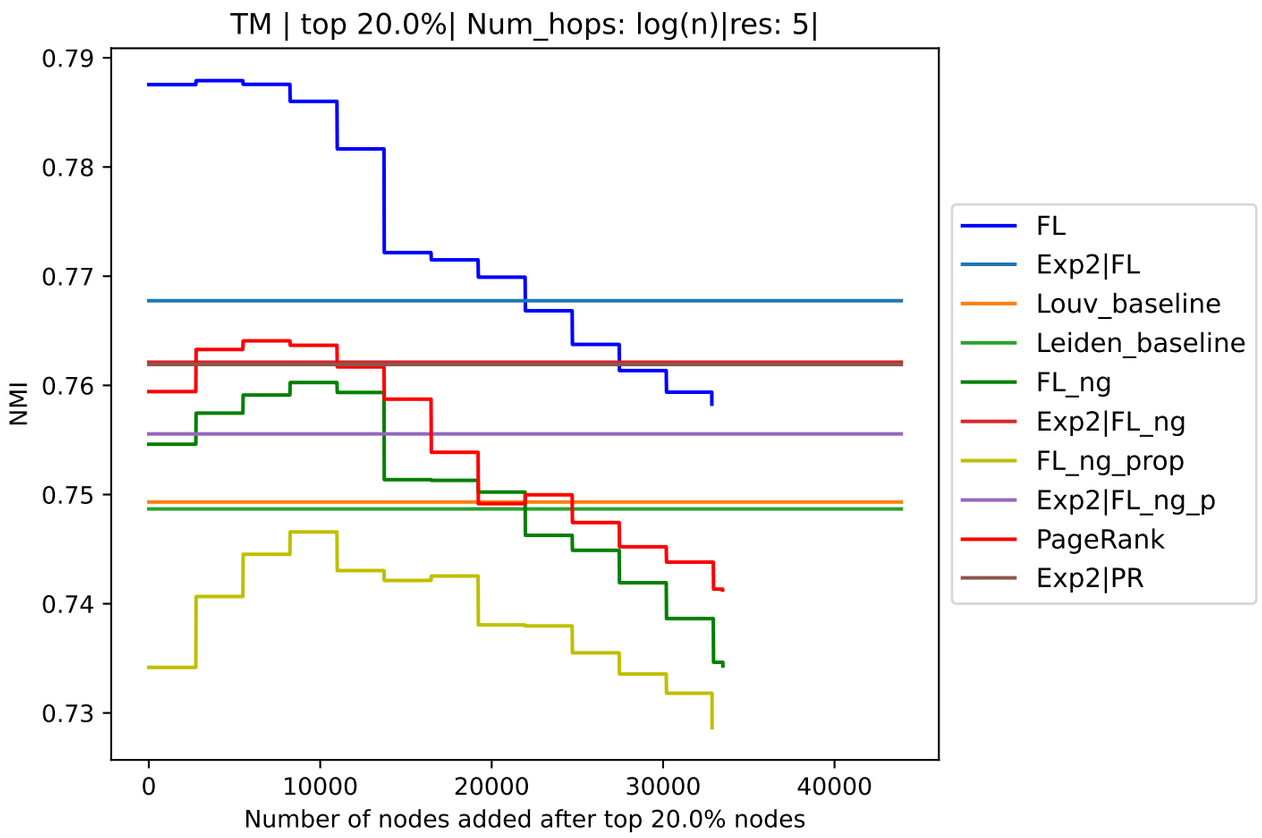

TM | top 20.0%| Num_hops: log(n)|res: 0.05|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

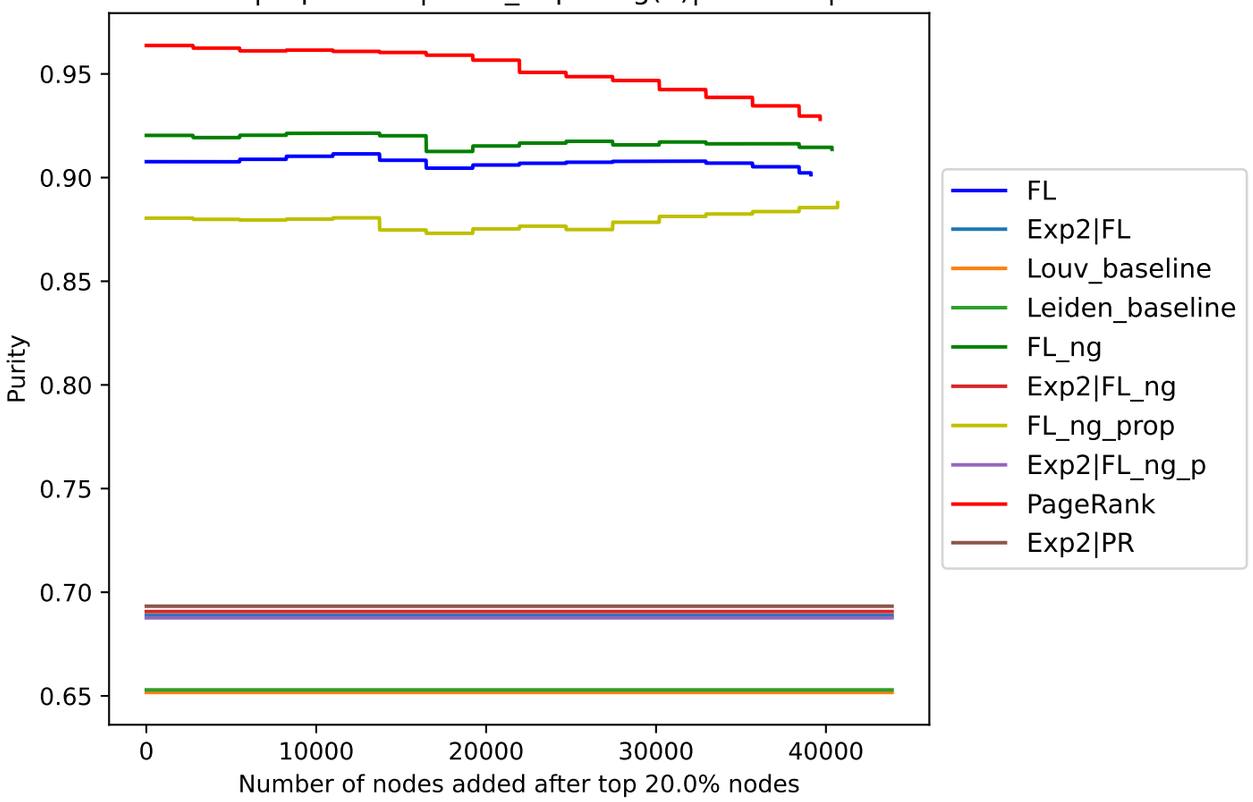

TM | top 20.0%| Num_hops: log(n)|res: 0.25|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

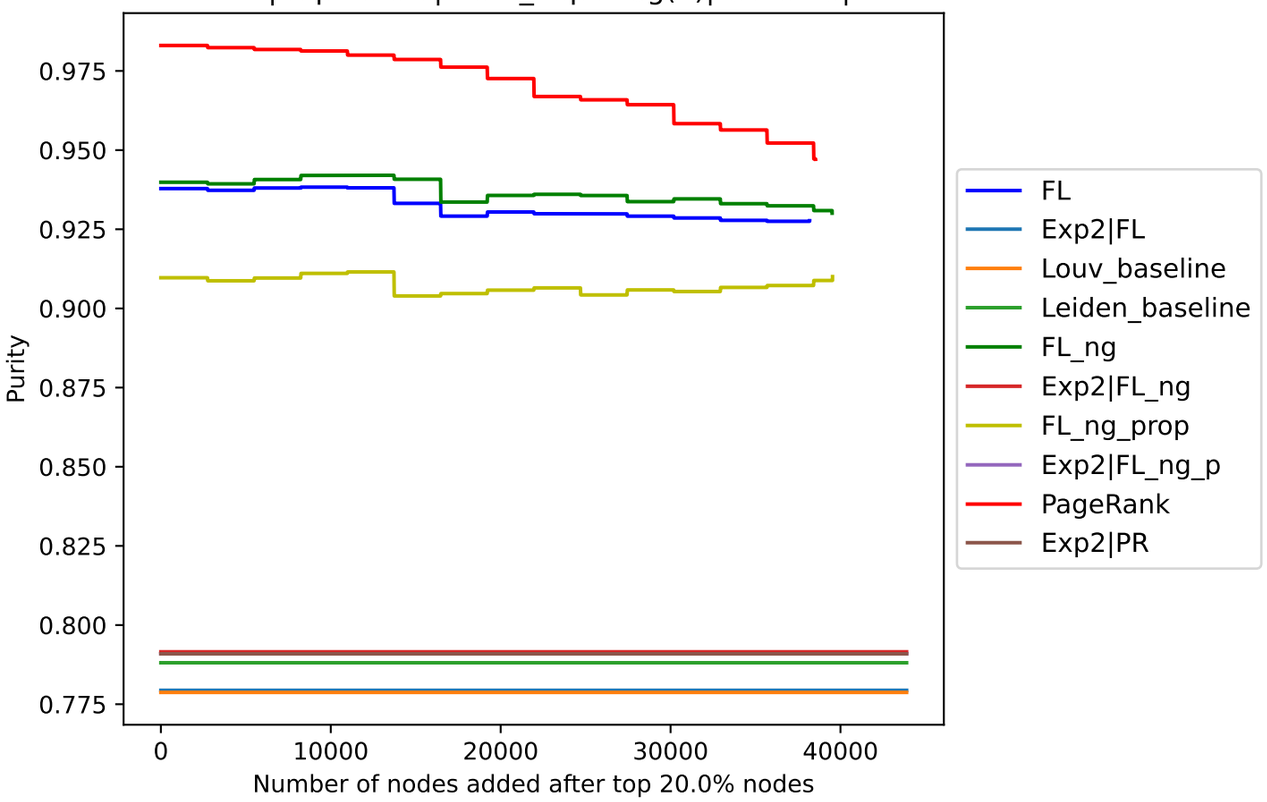

TM | top 20.0%| Num_hops: log(n)|res: 0.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

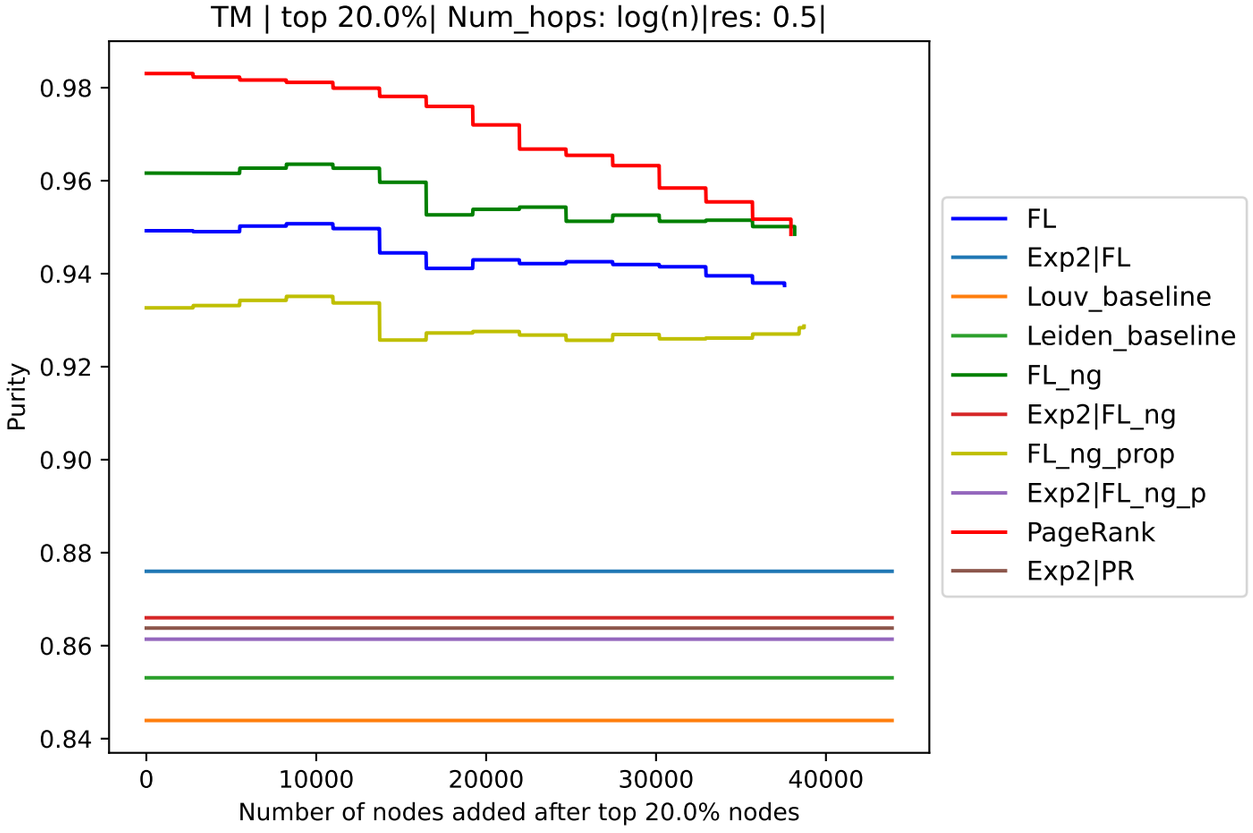

TM | top 20.0%| Num_hops: log(n)|res: 1|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

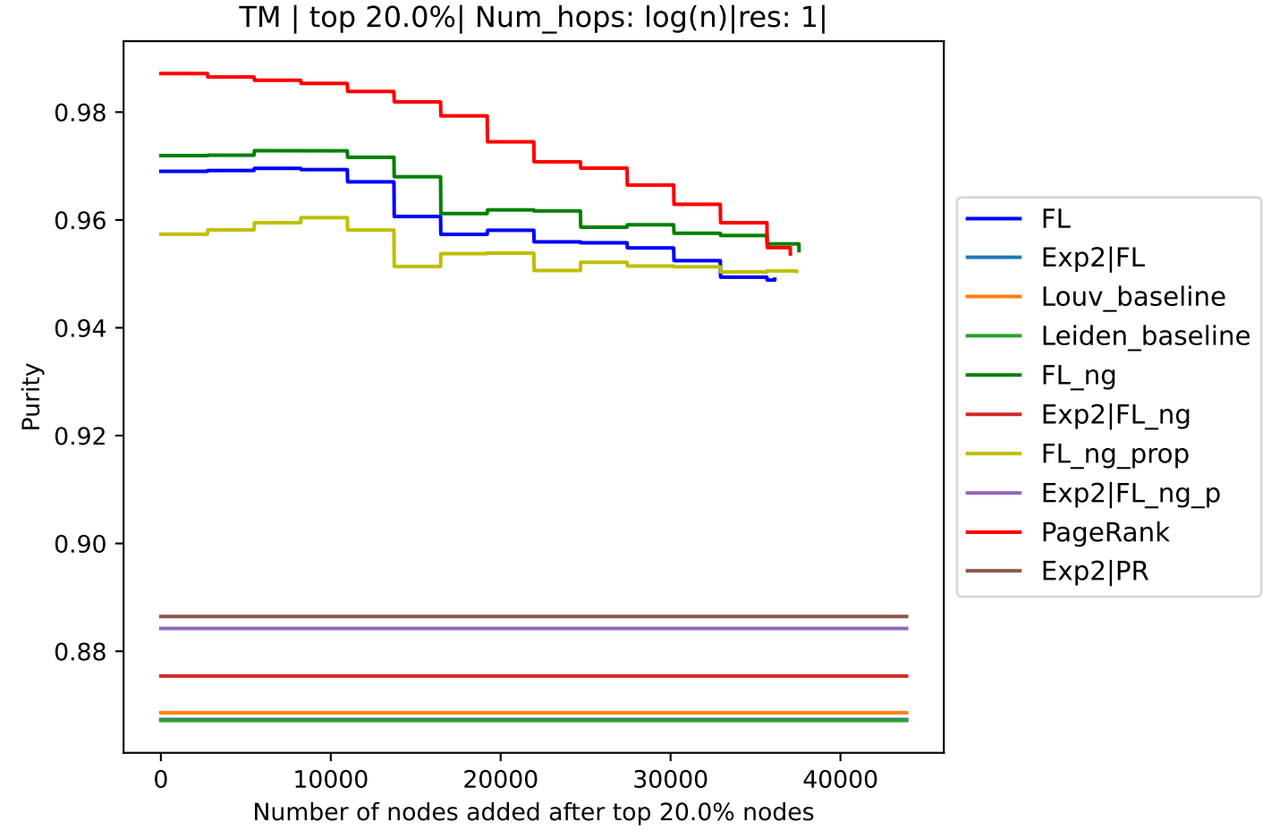

TM | top 20.0%| Num_hops: log(n)|res: 1.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

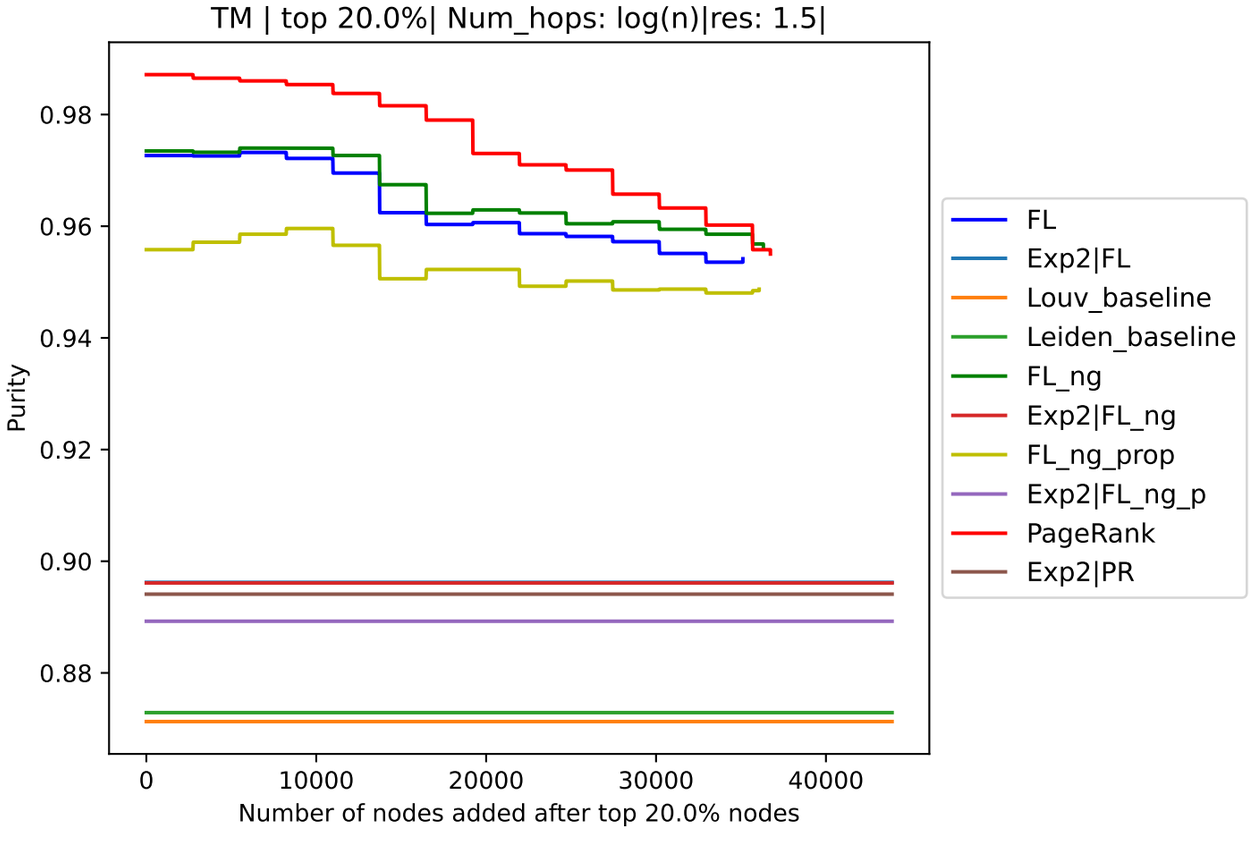

TM | top 20.0%| Num_hops: log(n)|res: 5|
NMI
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

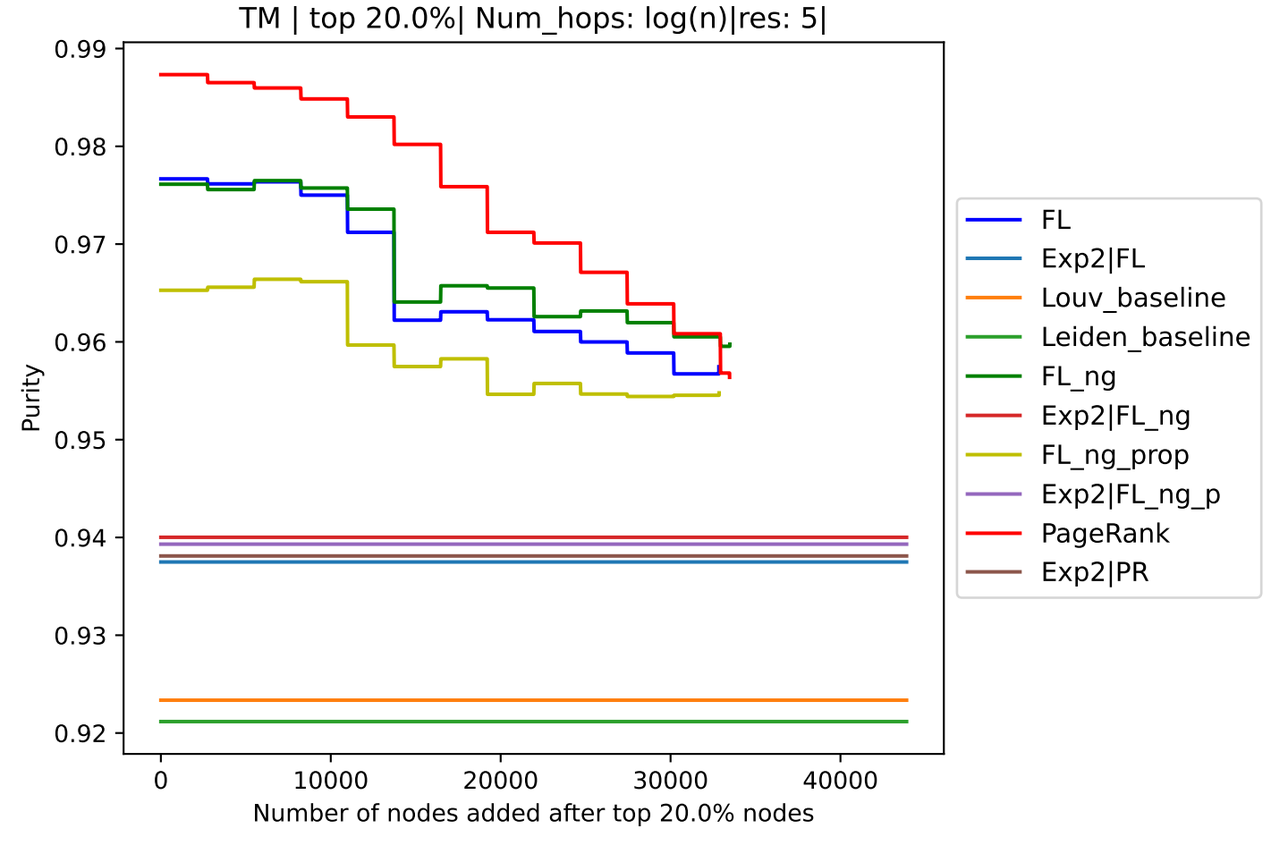

TM | top 20.0%| Num_hops: log(n)|res: 0.05|
Purity
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

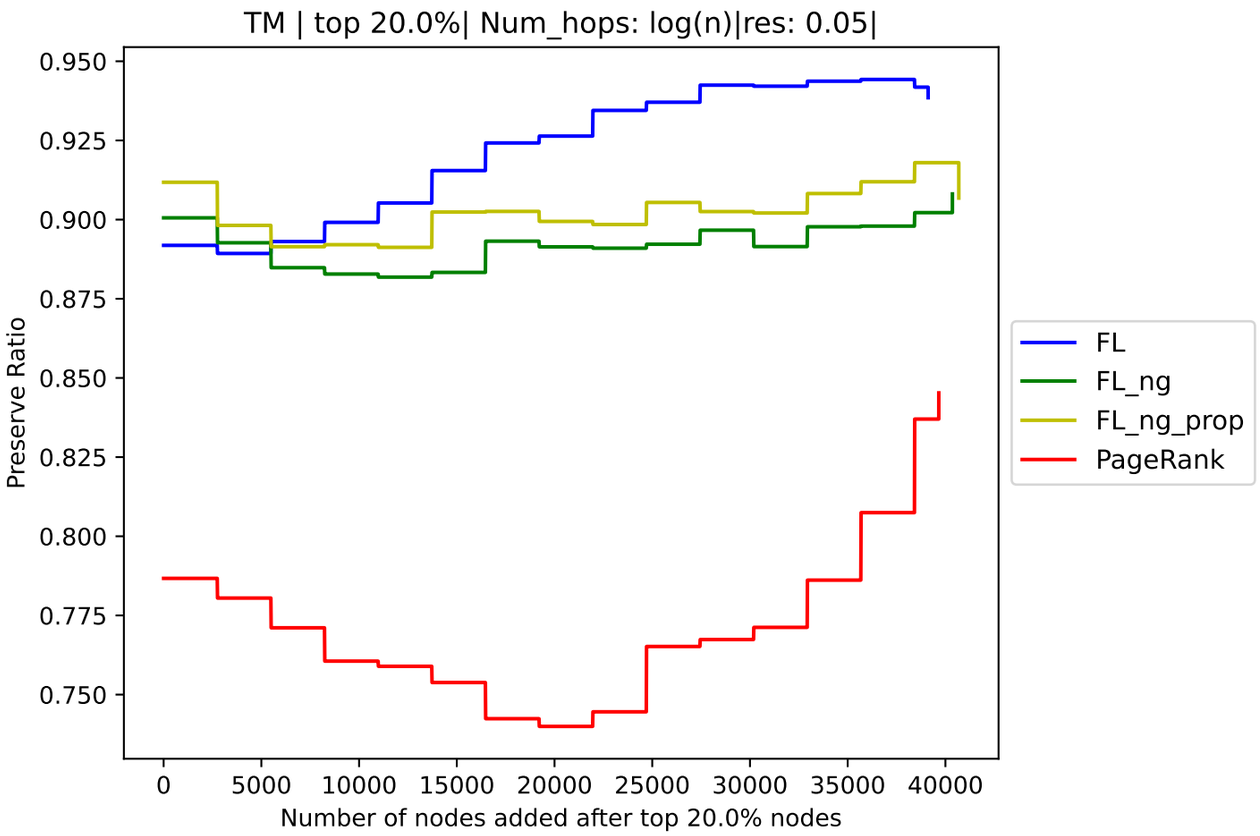

TM | top 20.0%| Num_hops: log(n)|res: 0.25|
Purity
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

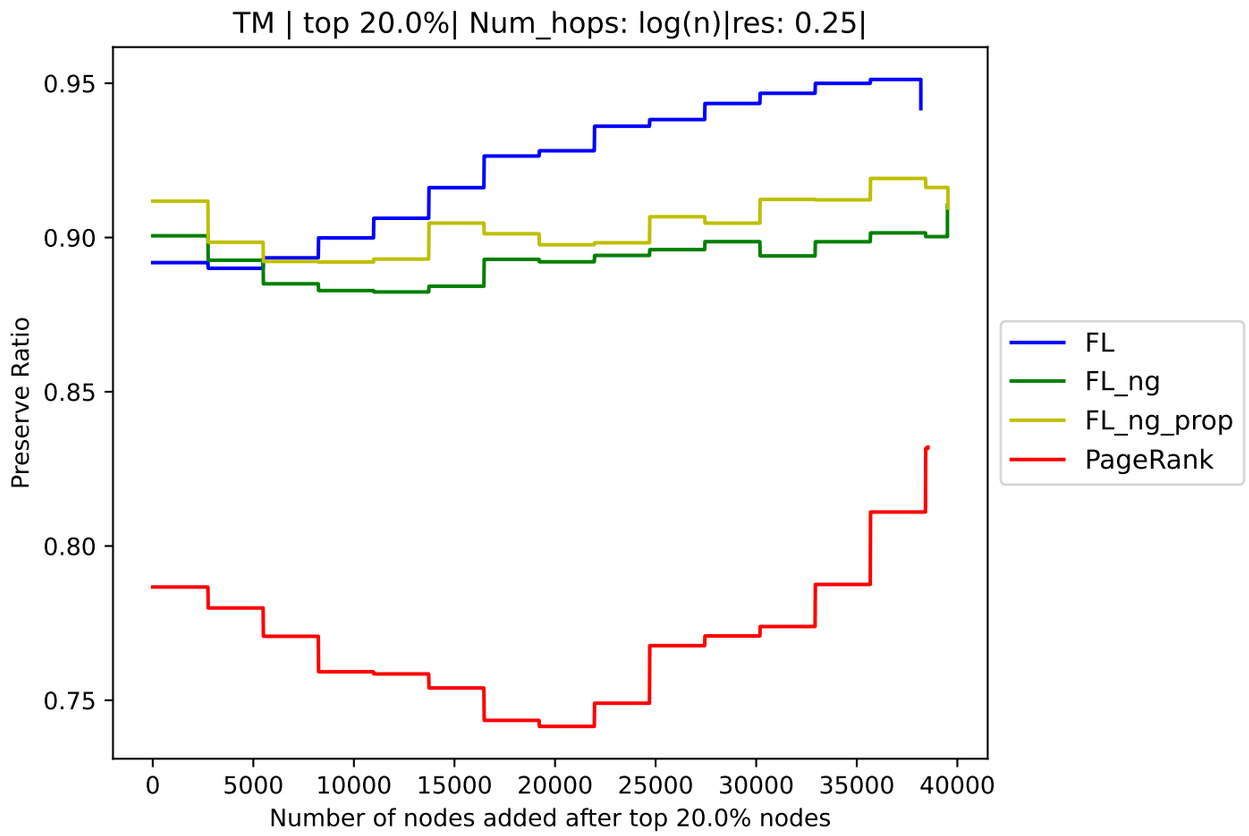

TM | top 20.0%| Num_hops: log(n)|res: 0.5|
Purity
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

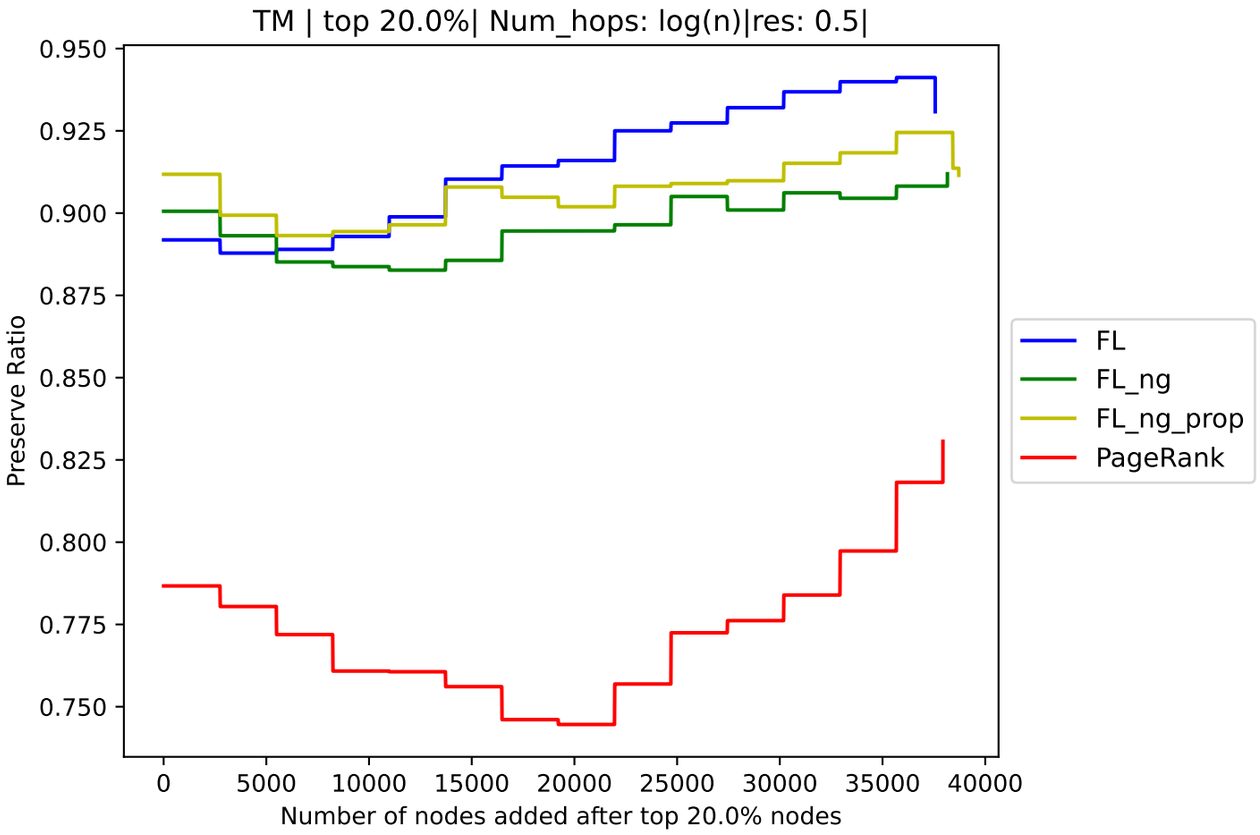

TM | top 20.0%| Num_hops: log(n)|res: 1|
Purity
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

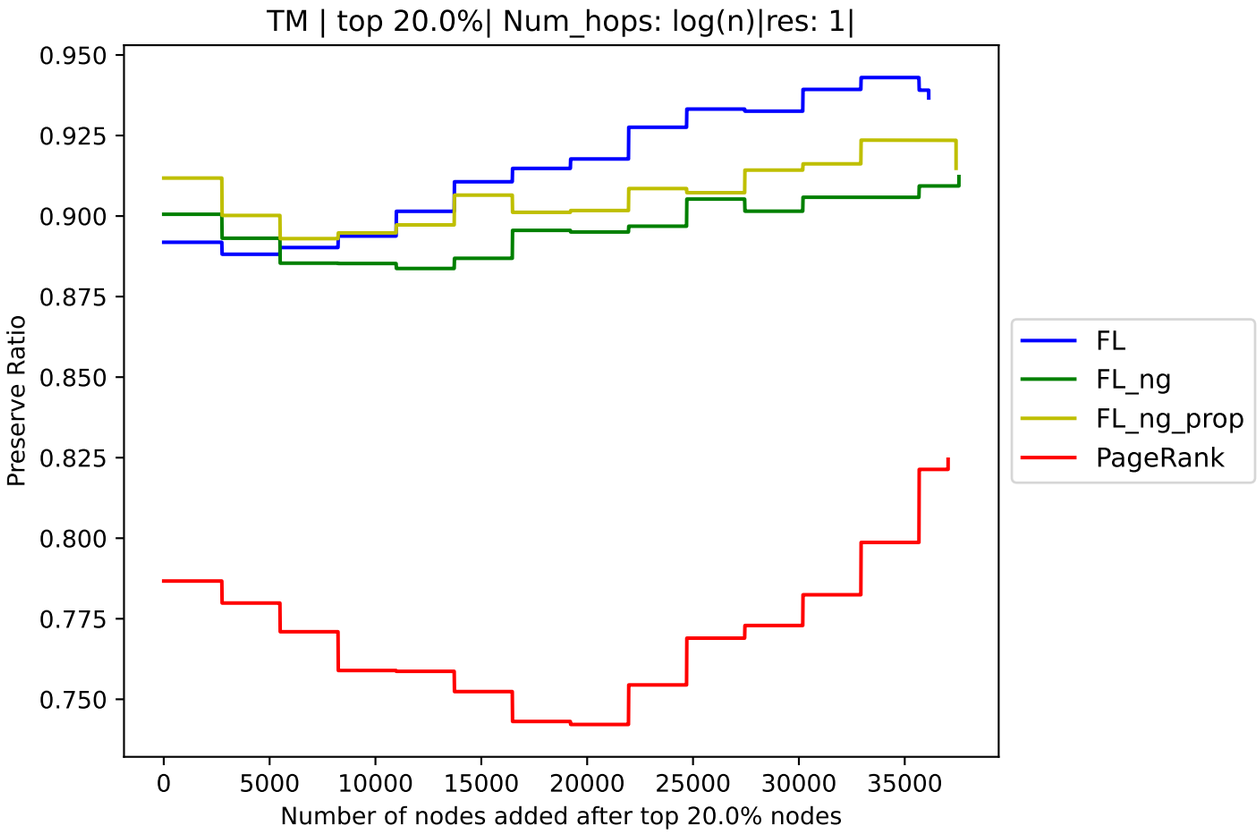

TM | top 20.0%| Num_hops: log(n)|res: 1.5|
Purity
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

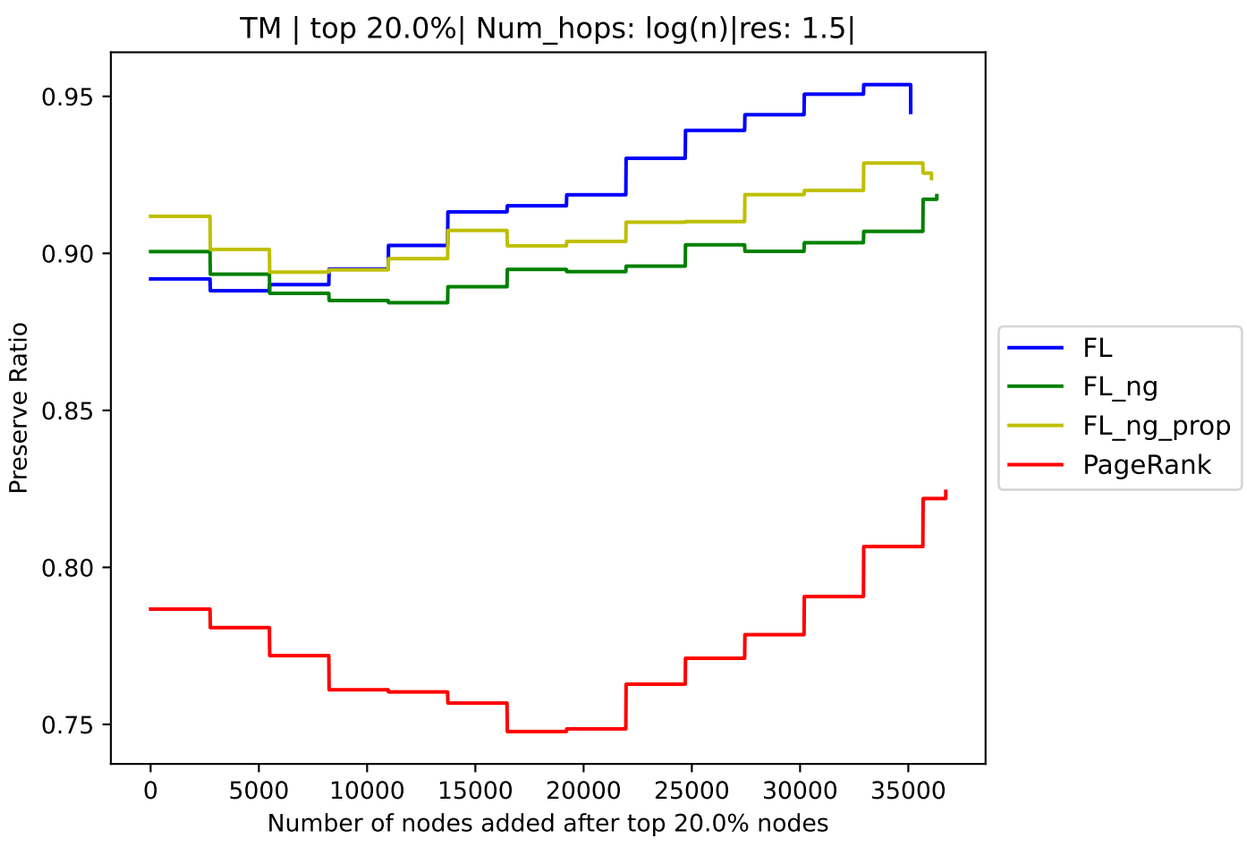

TM | top 20.0%| Num_hops: log(n)|res: 5|
Purity
Number of nodes added after top 20.0% nodes
FL
Exp2|FL
Louv_baseline
Leiden_baseline
FL_ng
Exp2|FL_ng
FL_ng_prop
Exp2|FL_ng_p
PageRank
Exp2|PR

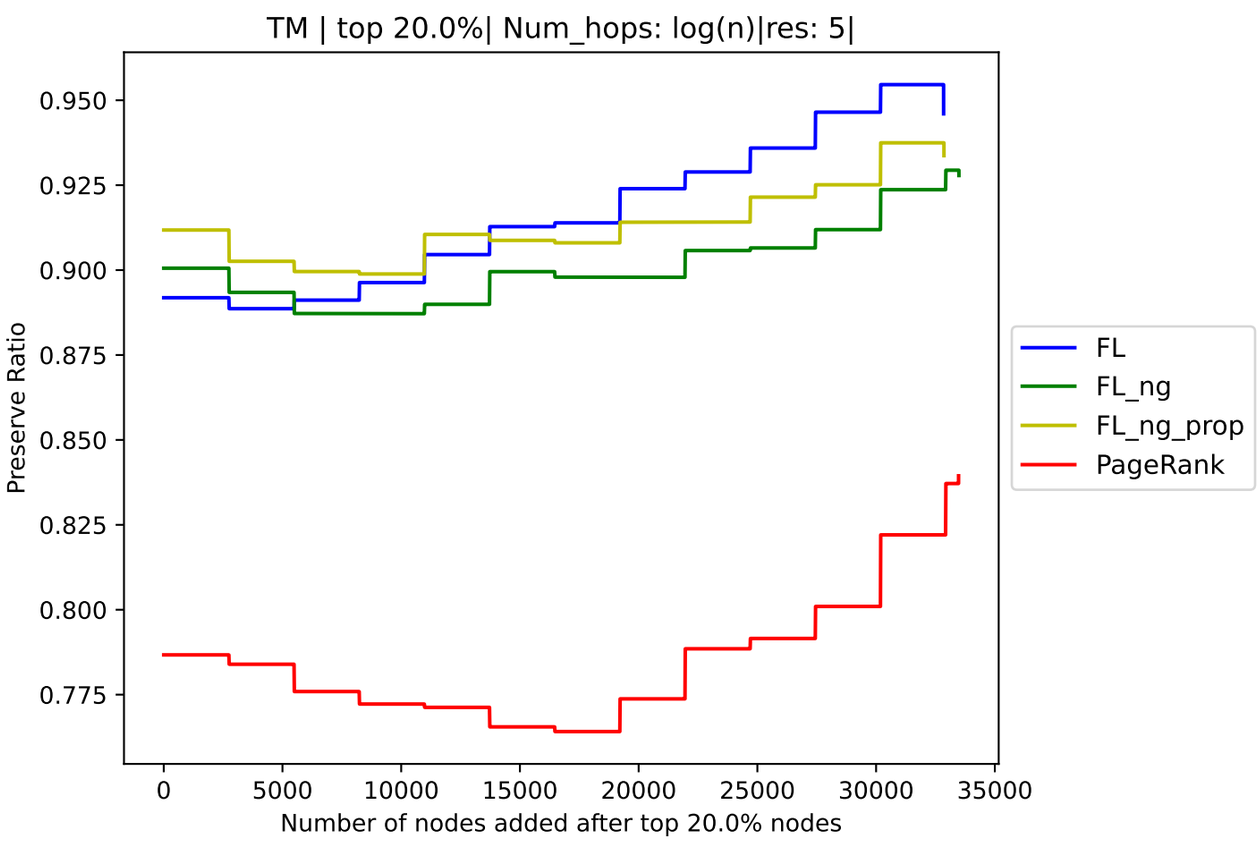

TM | top 20.0%| Num_hops: log(n)|res: 0.05|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

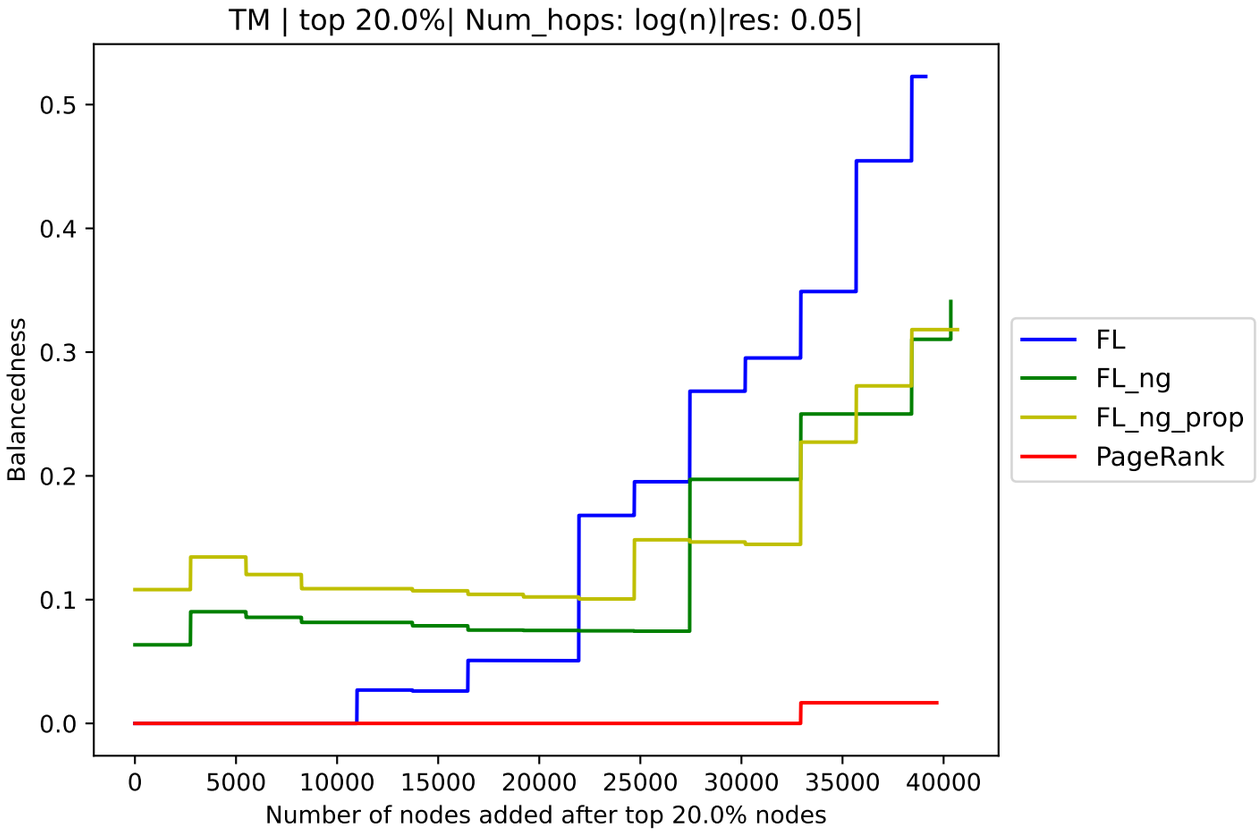

TM | top 20.0%| Num_hops: log(n)|res: 0.25|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

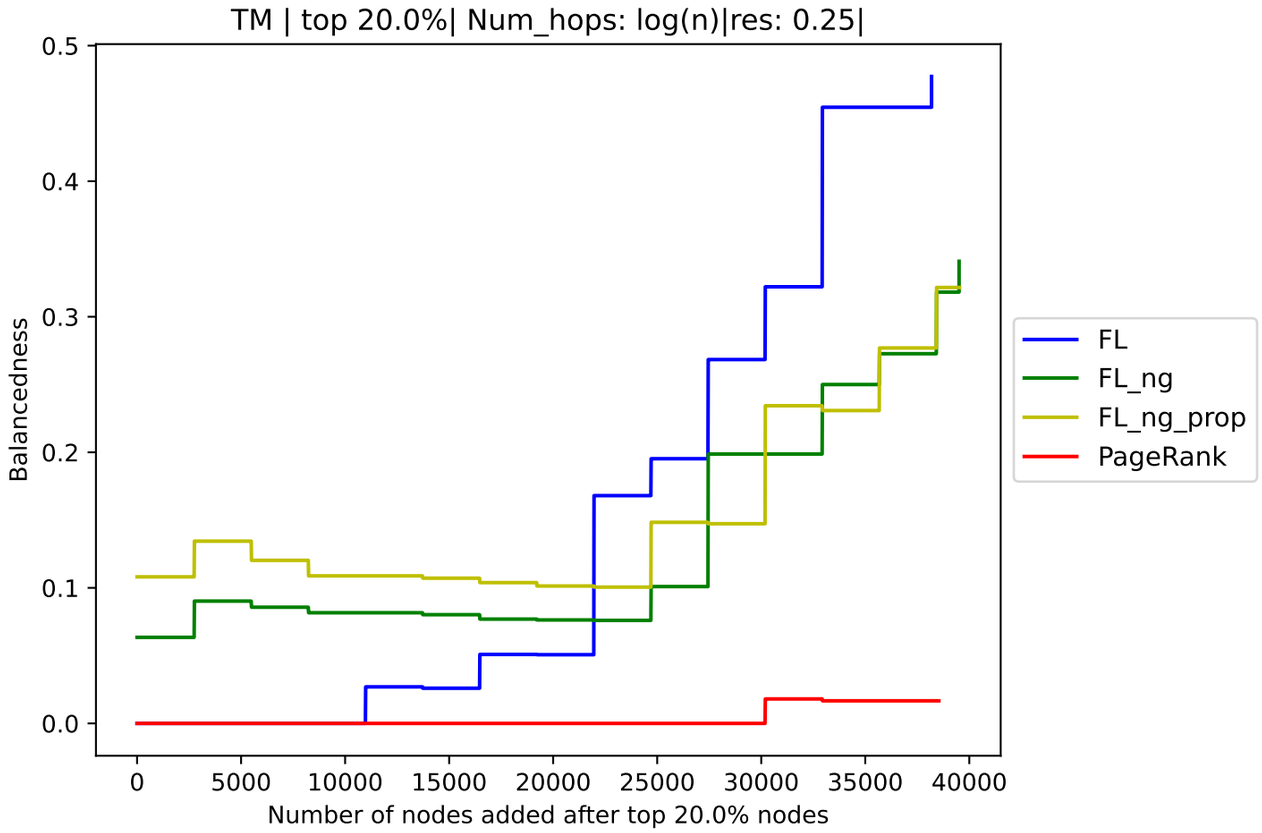

TM | top 20.0%| Num_hops: log(n)|res: 0.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

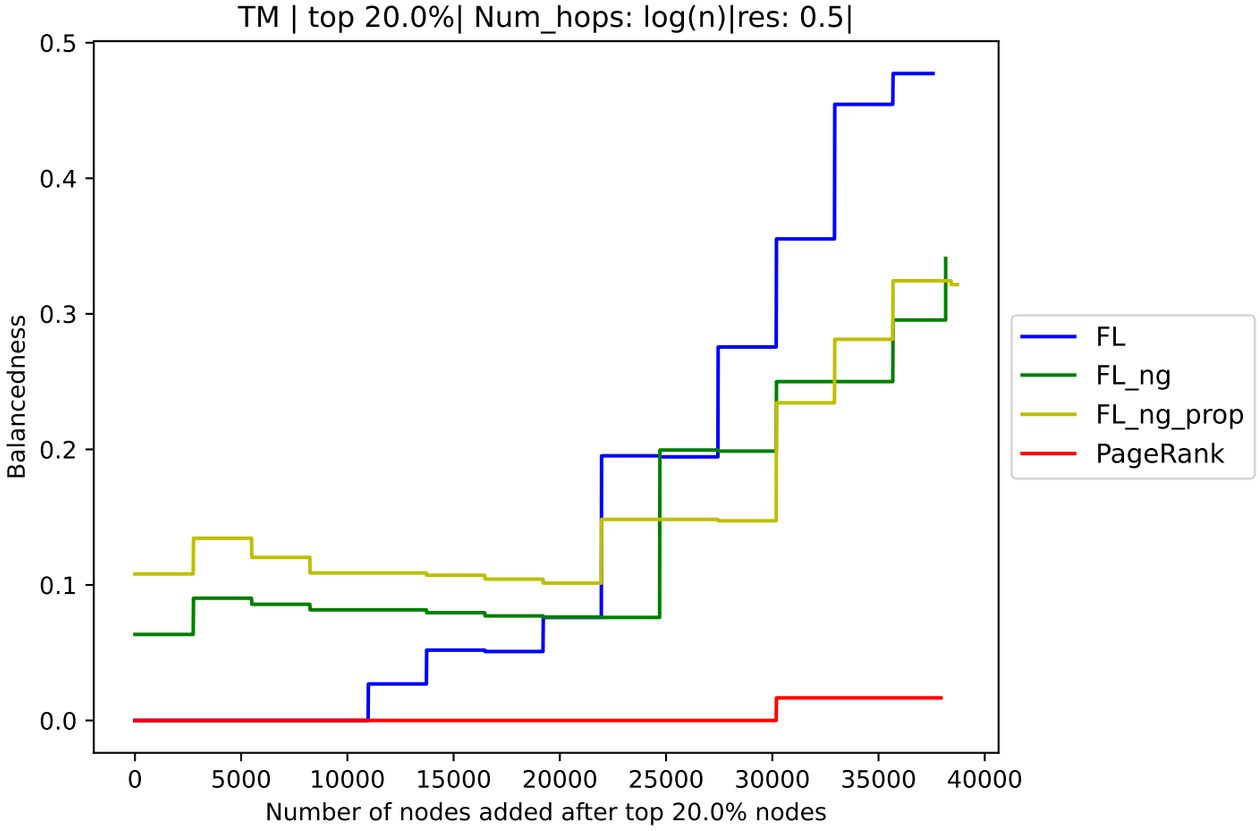

TM | top 20.0%| Num_hops: log(n)|res: 1|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

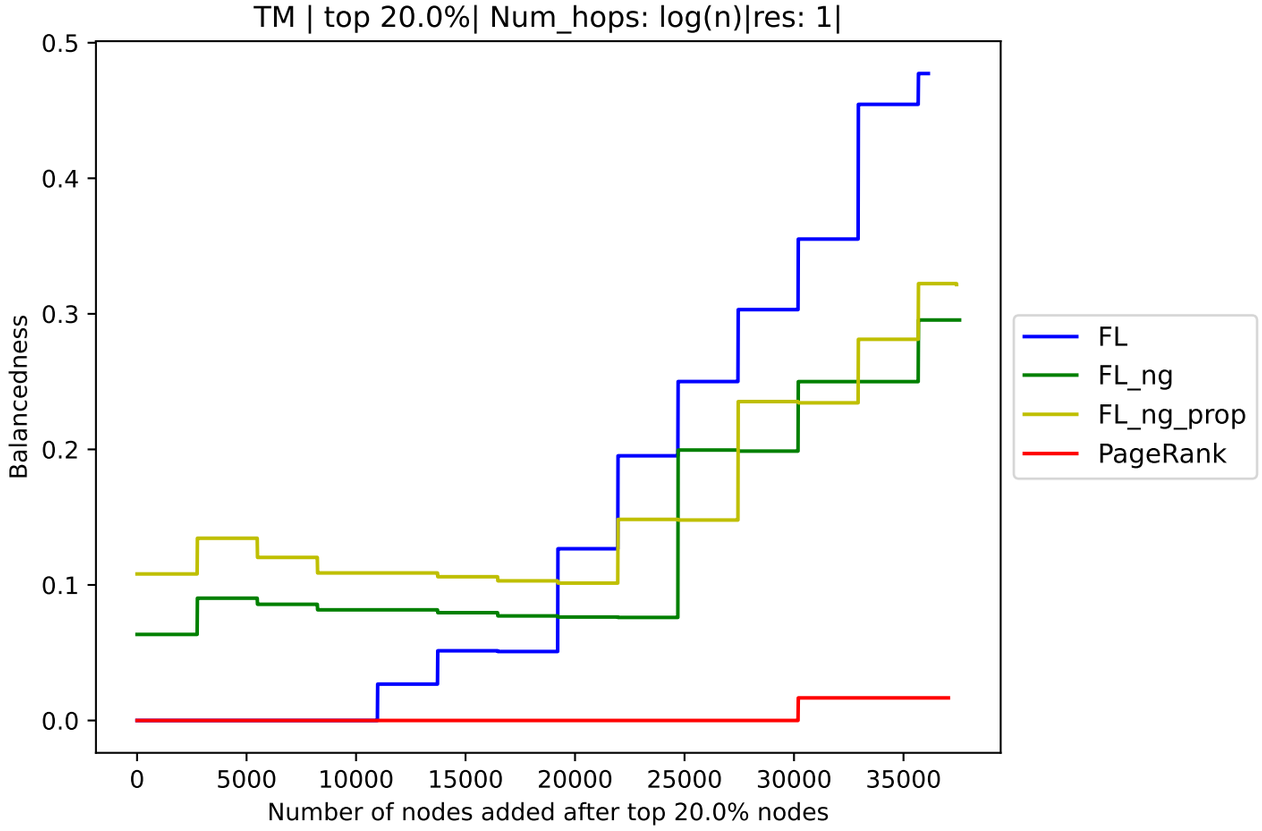

TM | top 20.0%| Num_hops: log(n)|res: 1.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

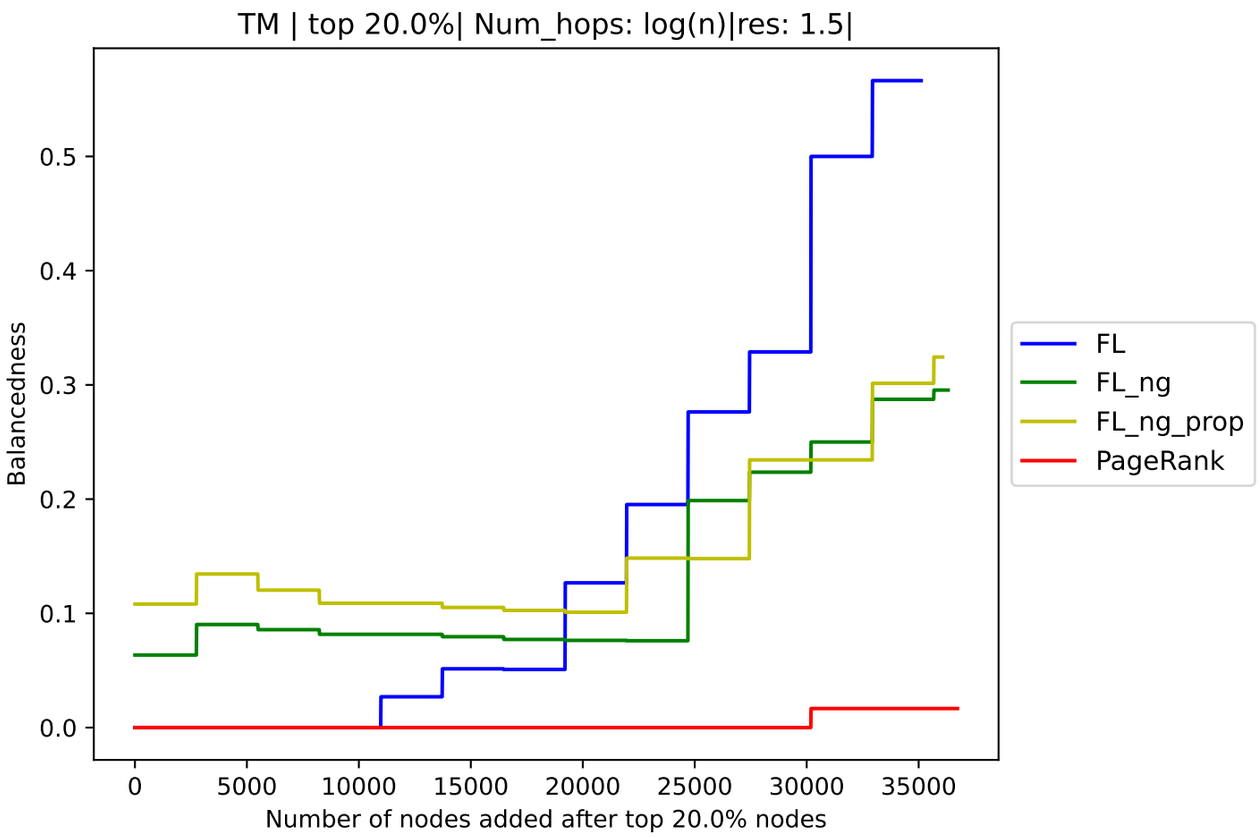

TM | top 20.0%| Num_hops: log(n)|res: 5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

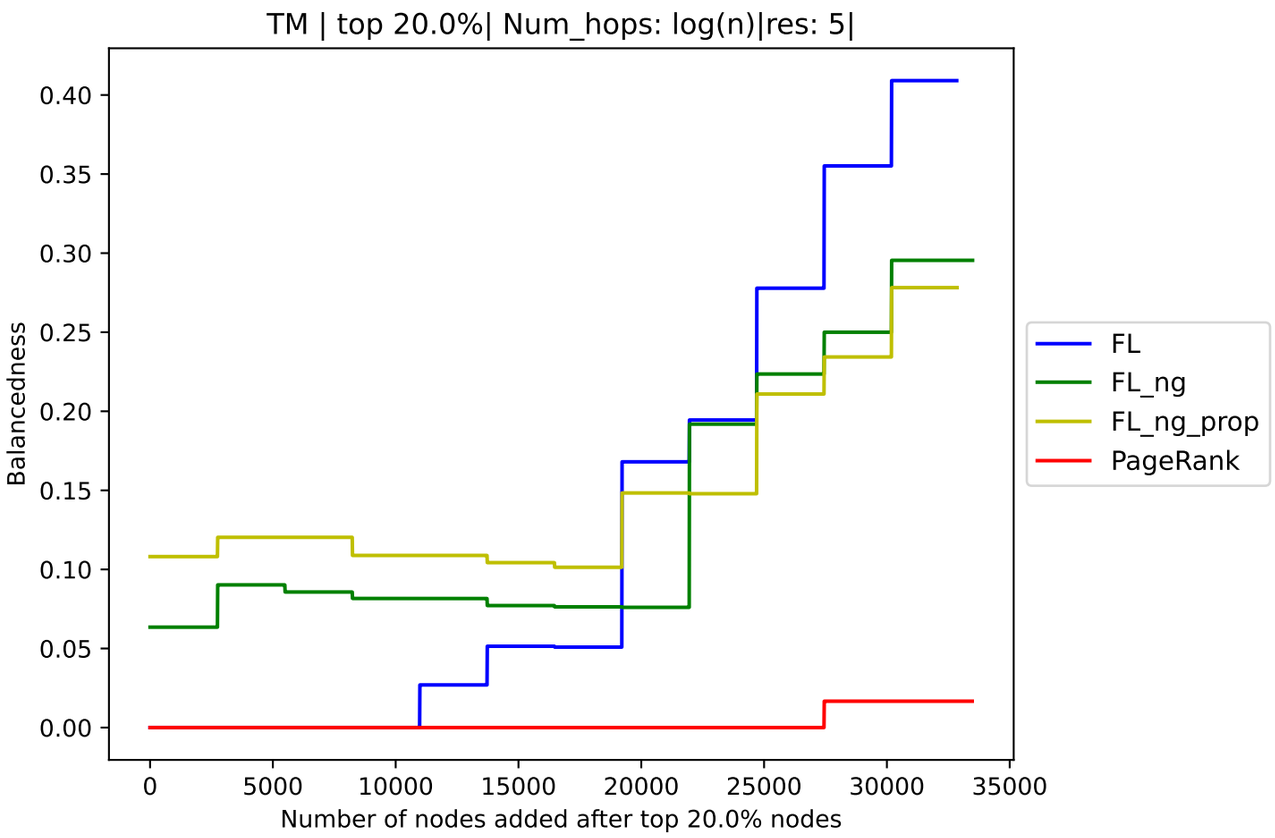

TM | top 20.0%| Num_hops: log(n)|res: 0.05|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

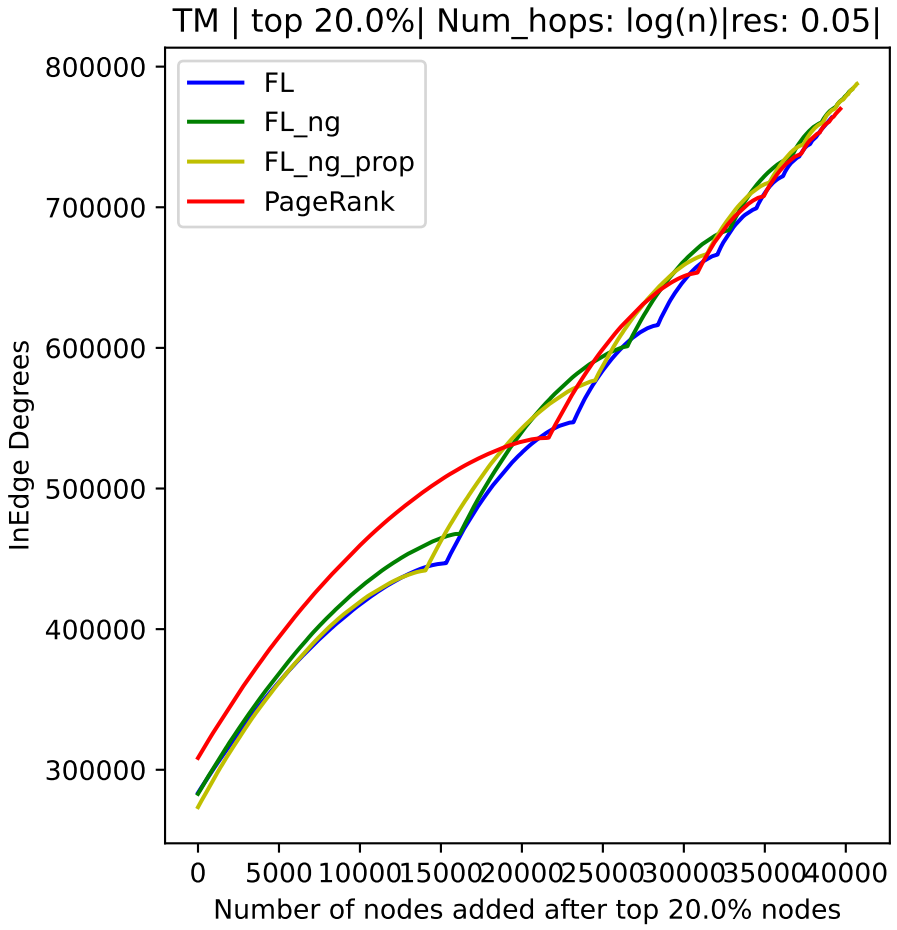

TM | top 20.0%| Num_hops: log(n)|res: 0.25|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

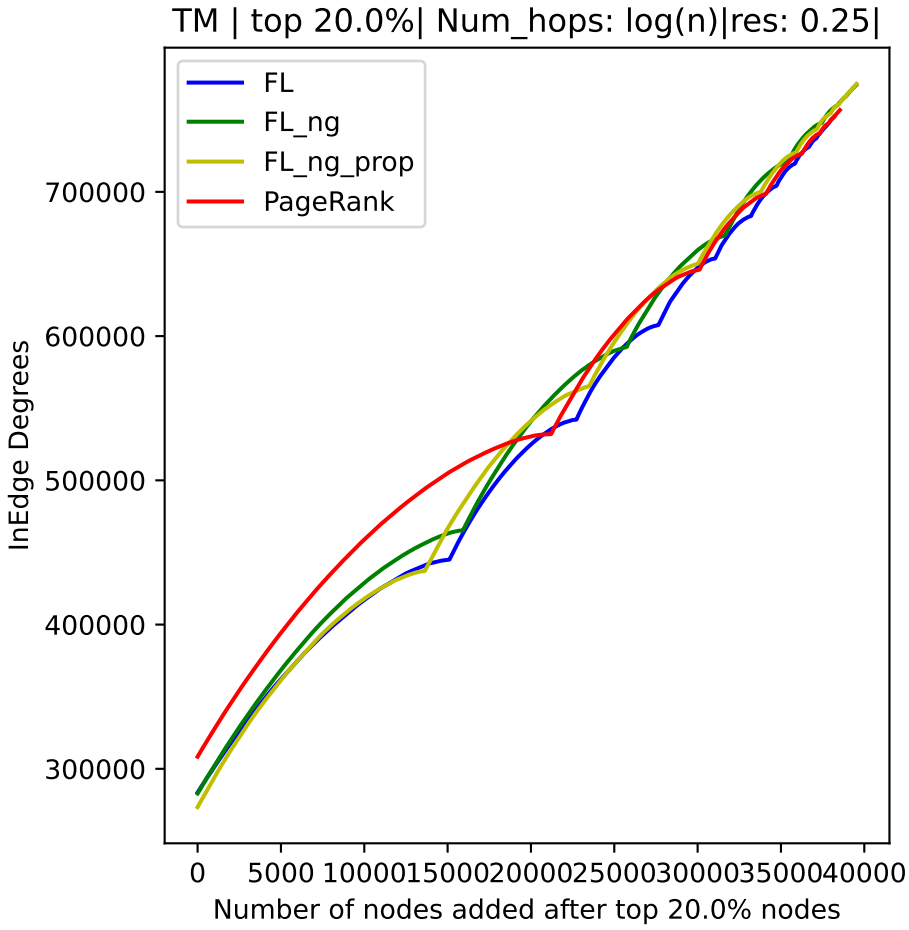

TM | top 20.0%| Num_hops: log(n)|res: 0.5|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank


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


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


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


TM | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
800000
700000
600000
500000
400000
300000
0
5000
10000
15000
20000
25000
30000
35000
40000
Number of nodes added after top 20.0% nodes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FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
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300000
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10000
15000
20000
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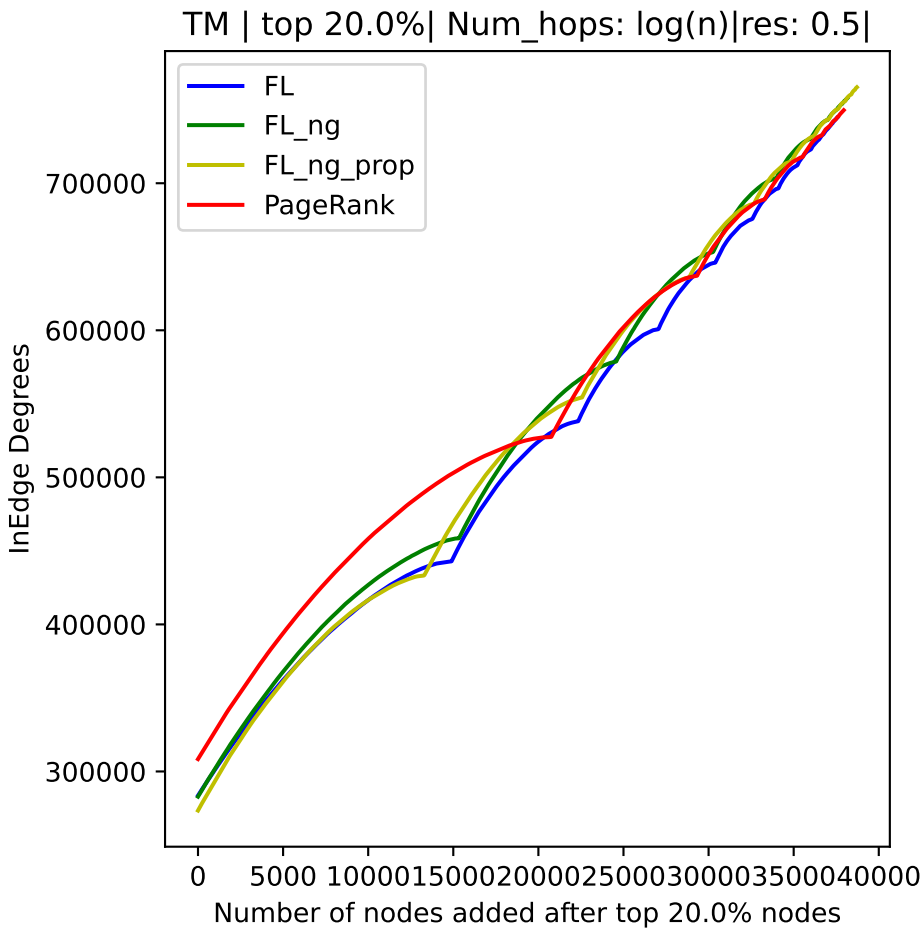
30000
35000
40000
Number of nodes added after top 20.0% nodes


TM | top 20.0%| Num_hops: log(n)|res: 0.5|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
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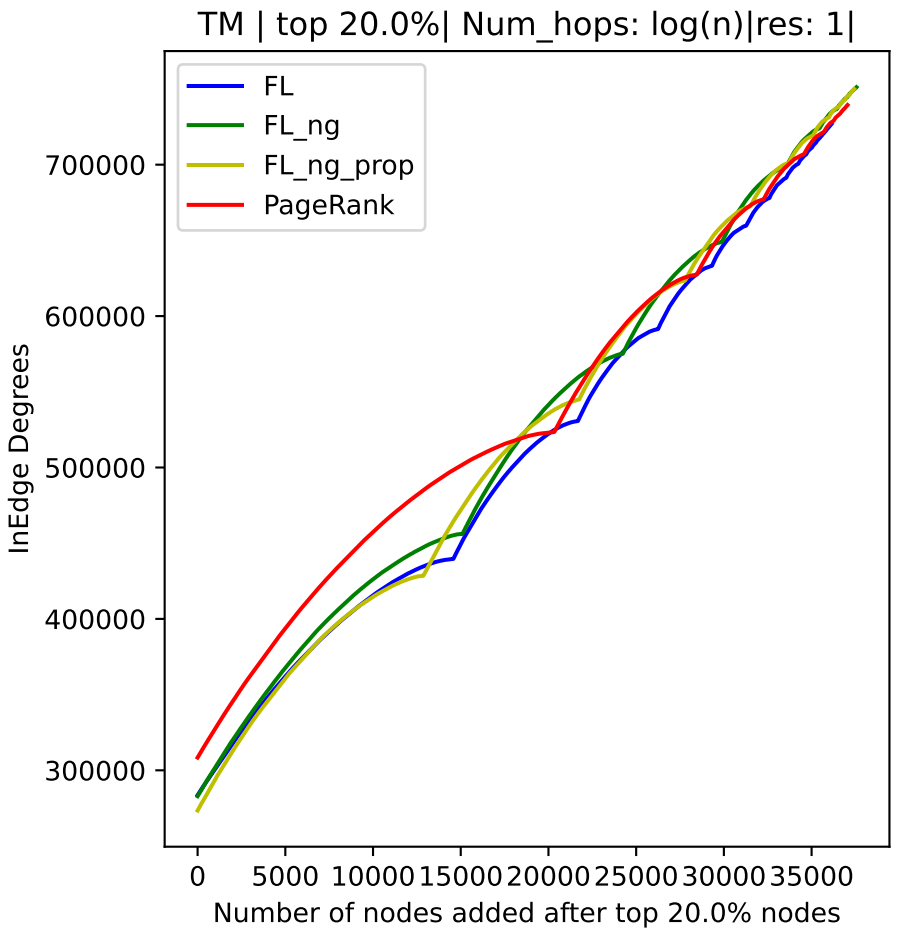
15000
20000
25000
30000
35000
40000
Number of nodes added after top 20.0% nodes


TM | top 20.0%| Num_hops: log(n)|res: 1|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
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400000
300000
0
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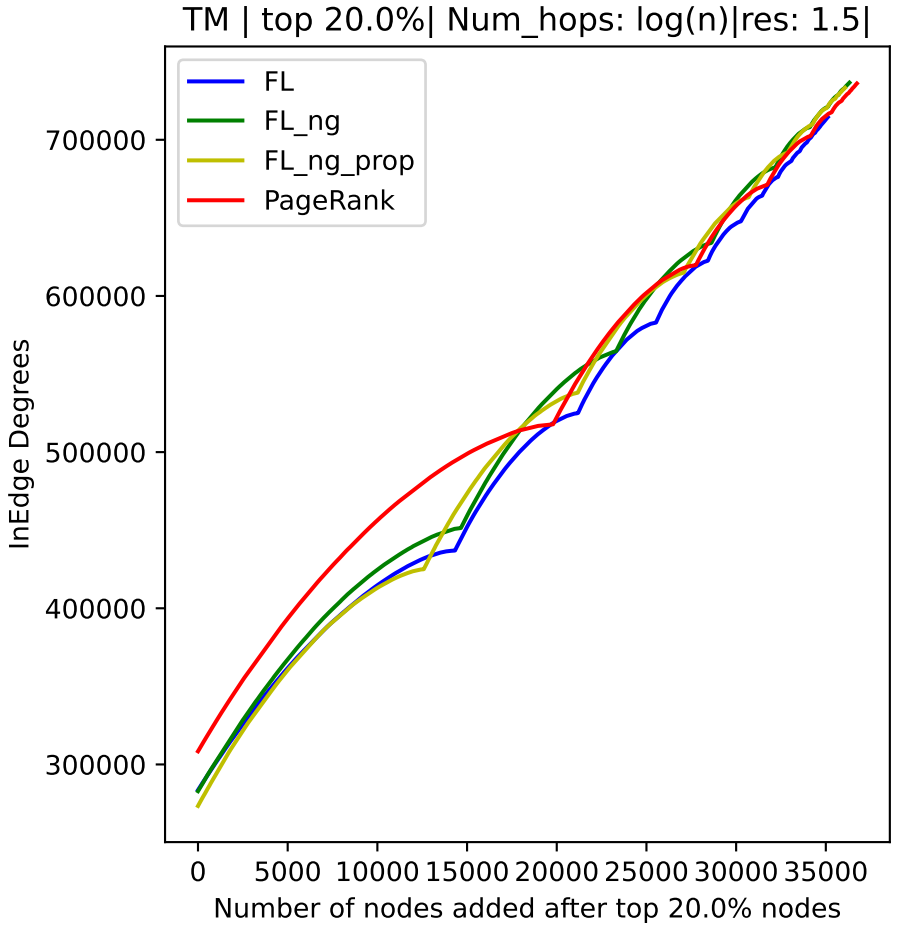
10000
15000
20000
25000
30000
35000
Number of nodes added after top 20.0% nodes


TM | top 20.0%| Num_hops: log(n)|res: 1.5|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
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600000
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400000
300000
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10000
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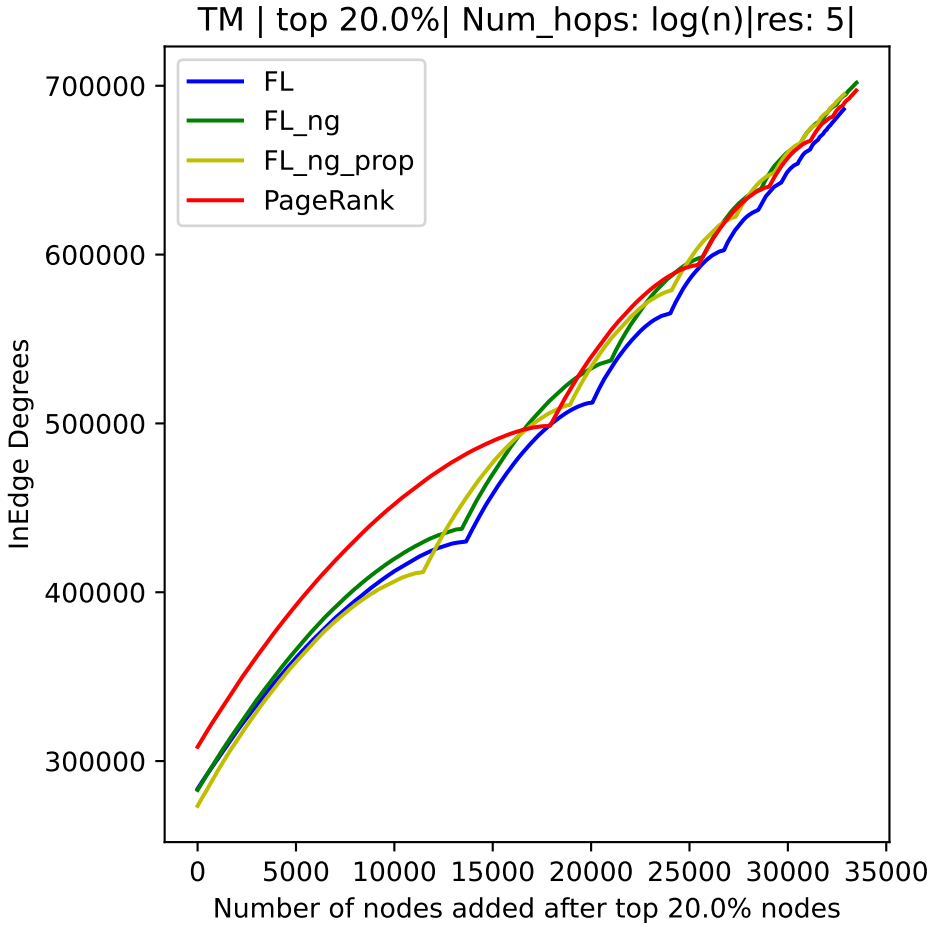
20000
25000
30000
35000
Number of nodes added after top 20.0% nodes


TM | top 20.0%| Num_hops: log(n)|res: 5|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
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500000
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0
5000
10000
15000
20000
25000
30000
35000
Number of nodes added after top 20.0% nodes