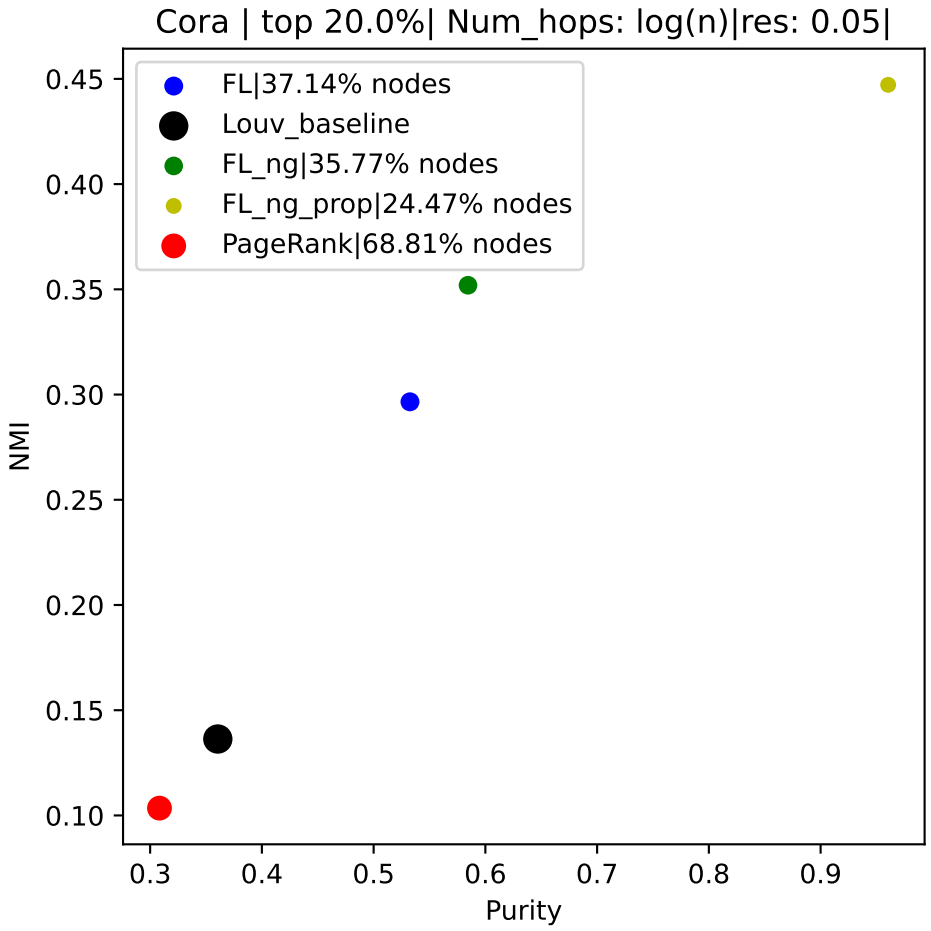
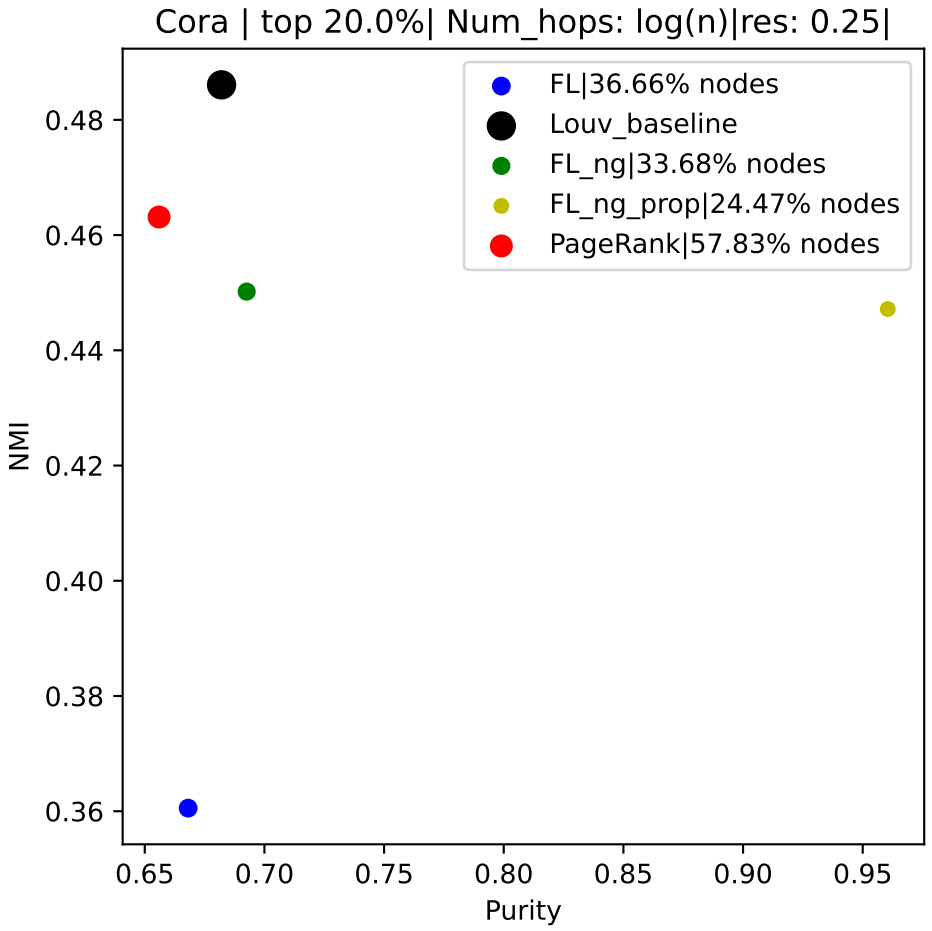
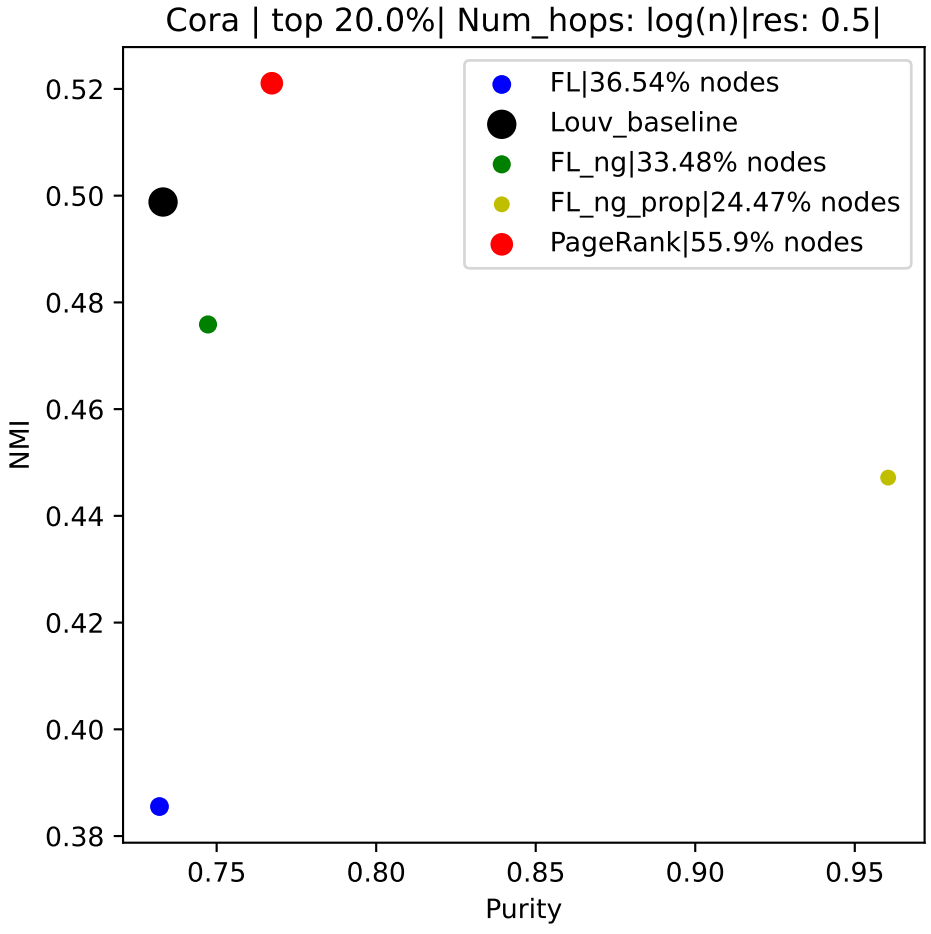
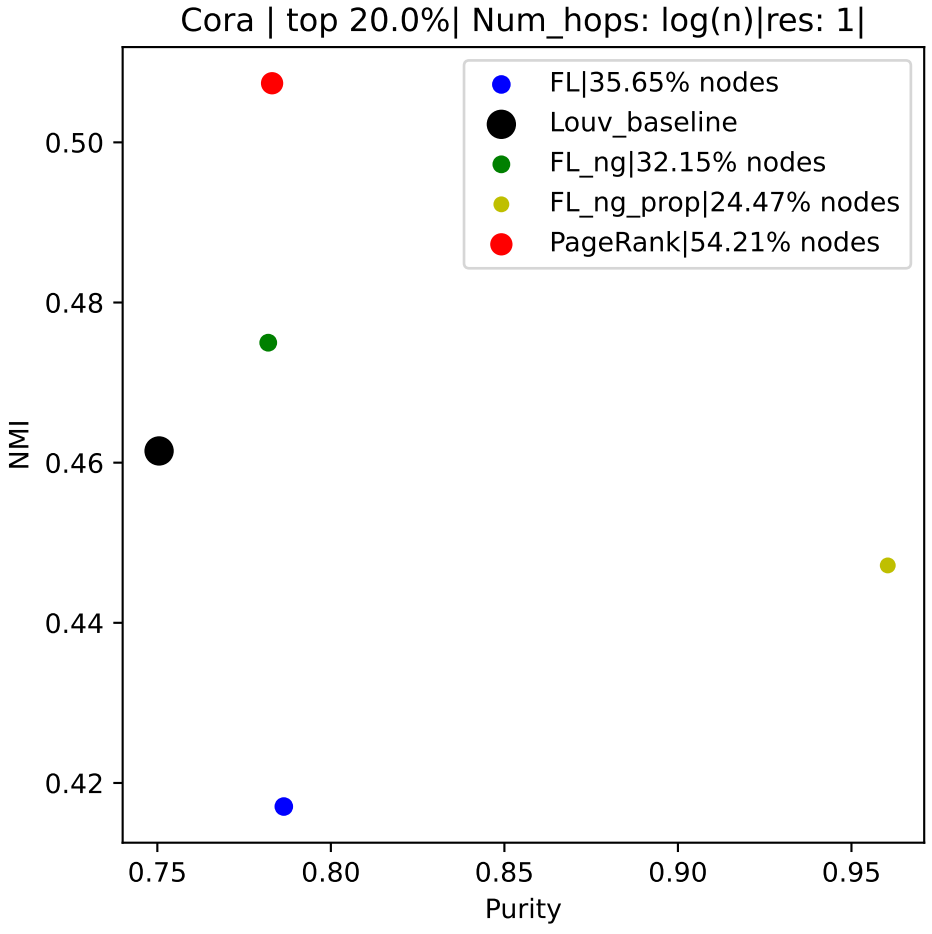
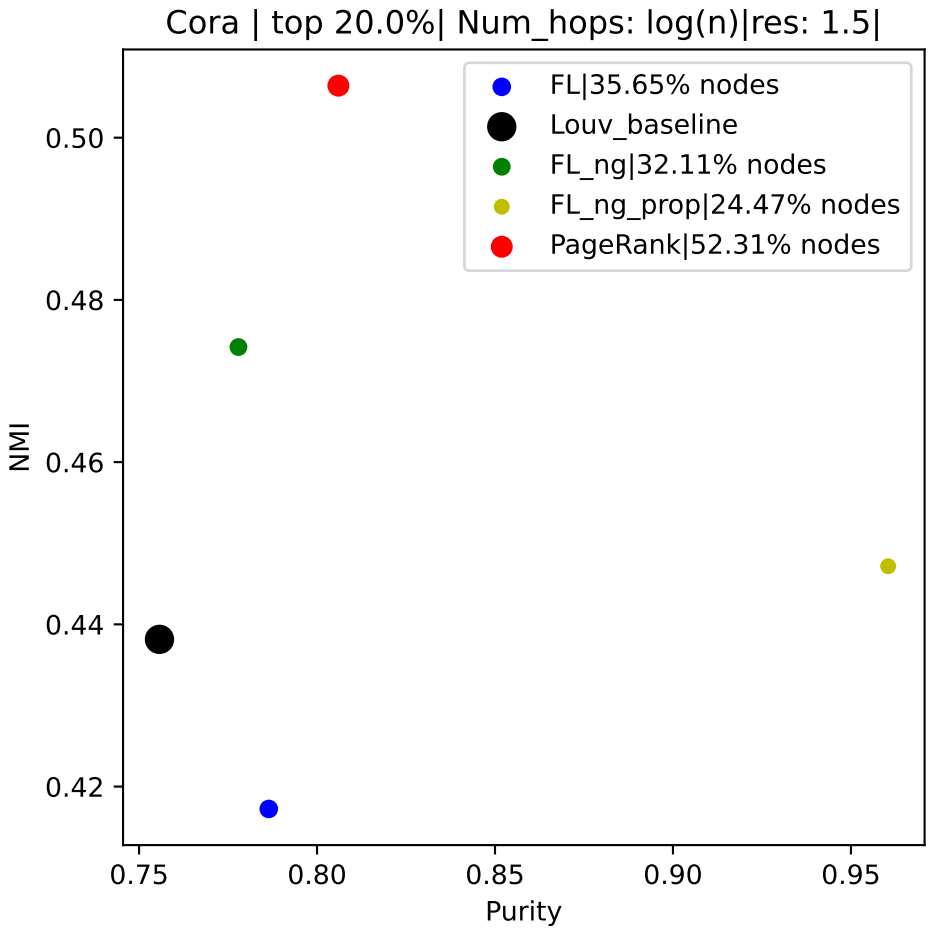
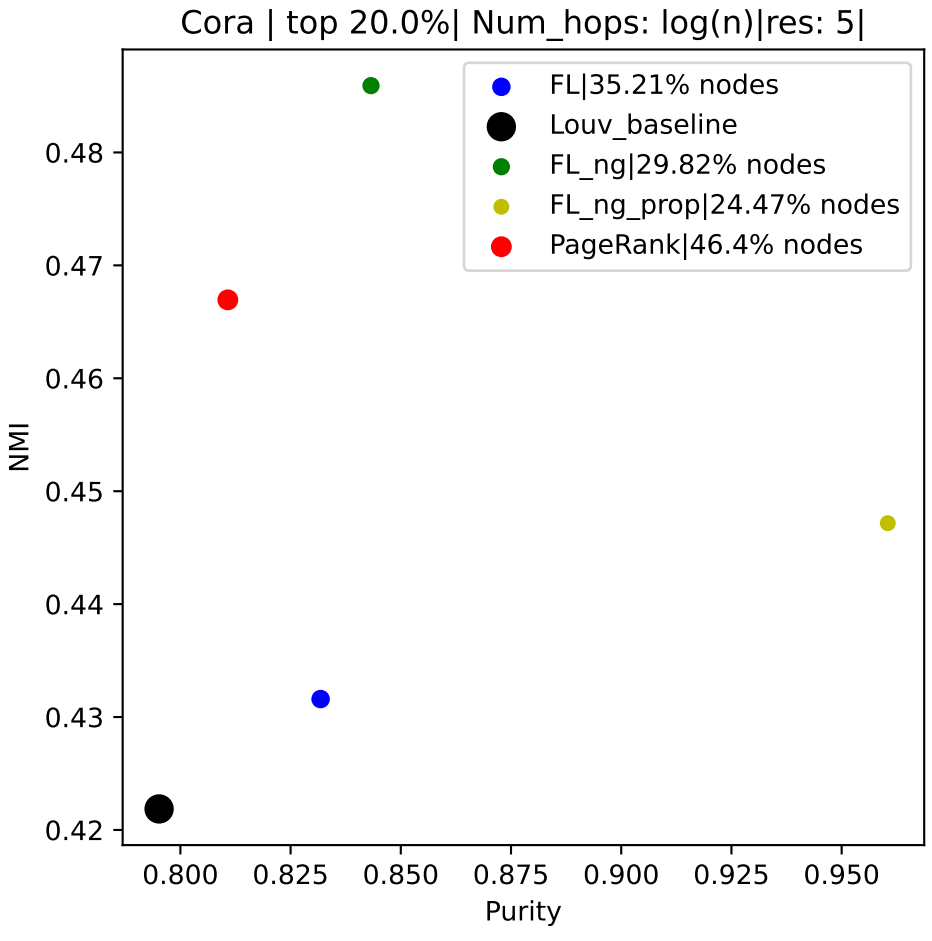

Cora | top 20.0%| Num_hops: log(n)|res: 0.05|
FL|37.14% nodes
Louv_baseline
FL_ng|35.77% nodes
FL_ng_prop|24.47% nodes
PageRank|68.81% nodes
NMI
Purity

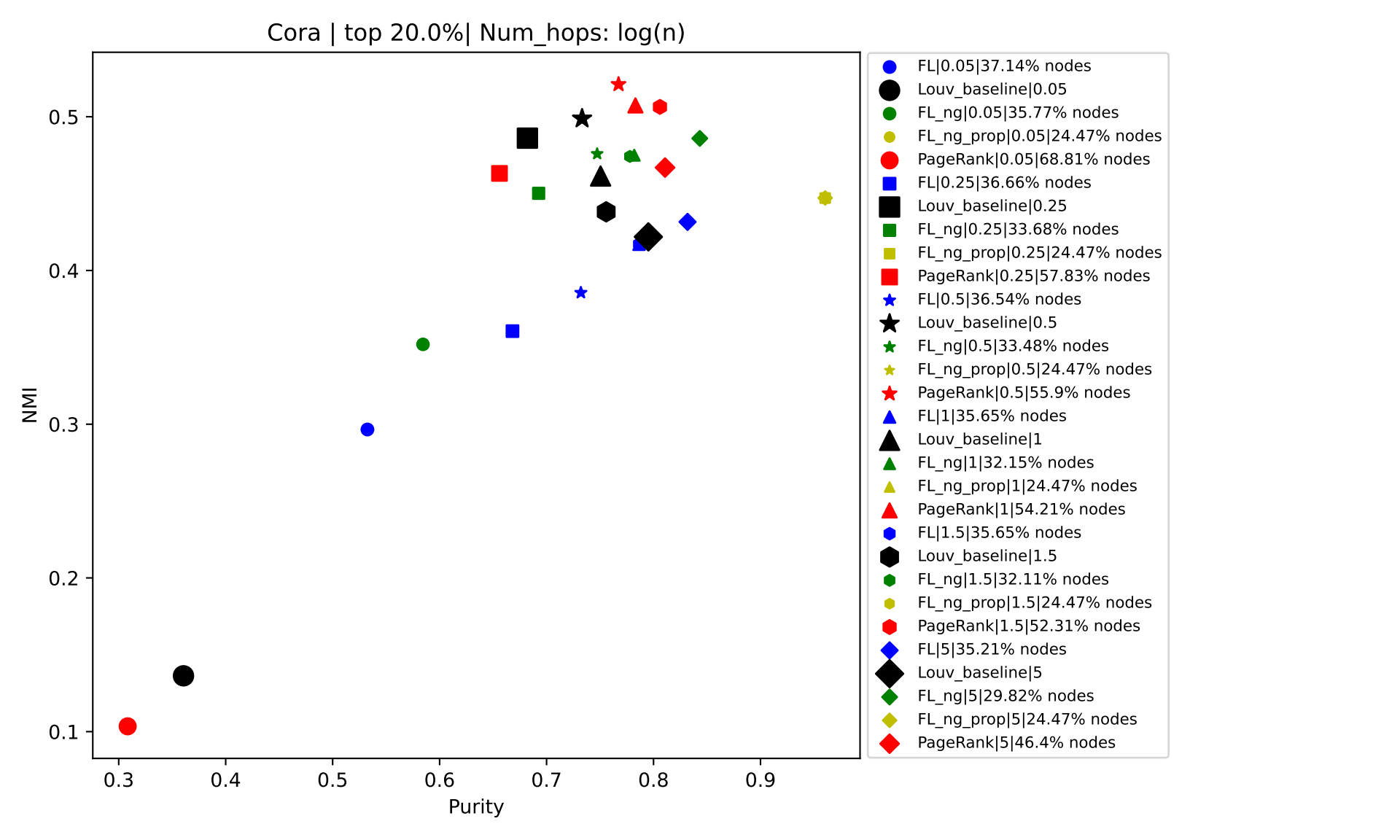

Cora | top 20.0%| Num_hops: log(n)|res: 0.25|
FL|36.66% nodes
Louv_baseline
FL_ng|33.68% nodes
FL_ng_prop|24.47% nodes
PageRank|57.83% nodes
NMI
Purity

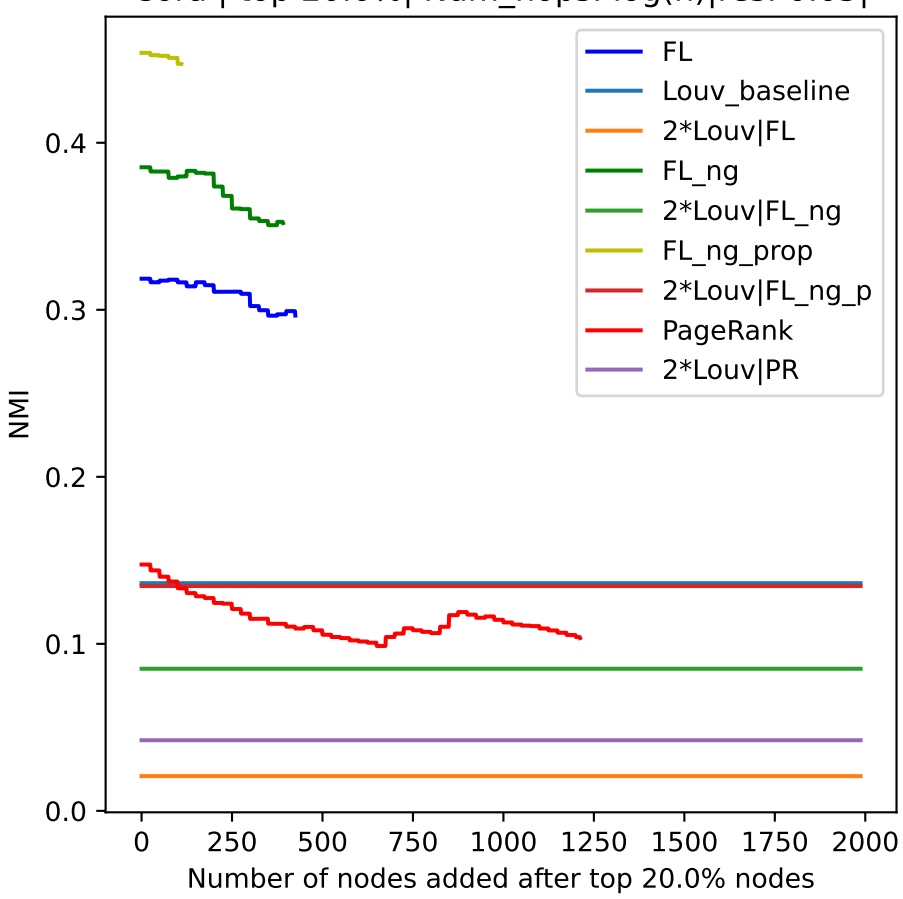

Cora | top 20.0%| Num_hops: log(n)|res: 0.5|
FL|36.54% nodes
Louv_baseline
FL_ng|33.48% nodes
FL_ng_prop|24.47% nodes
PageRank|55.9% nodes
NMI
Purity

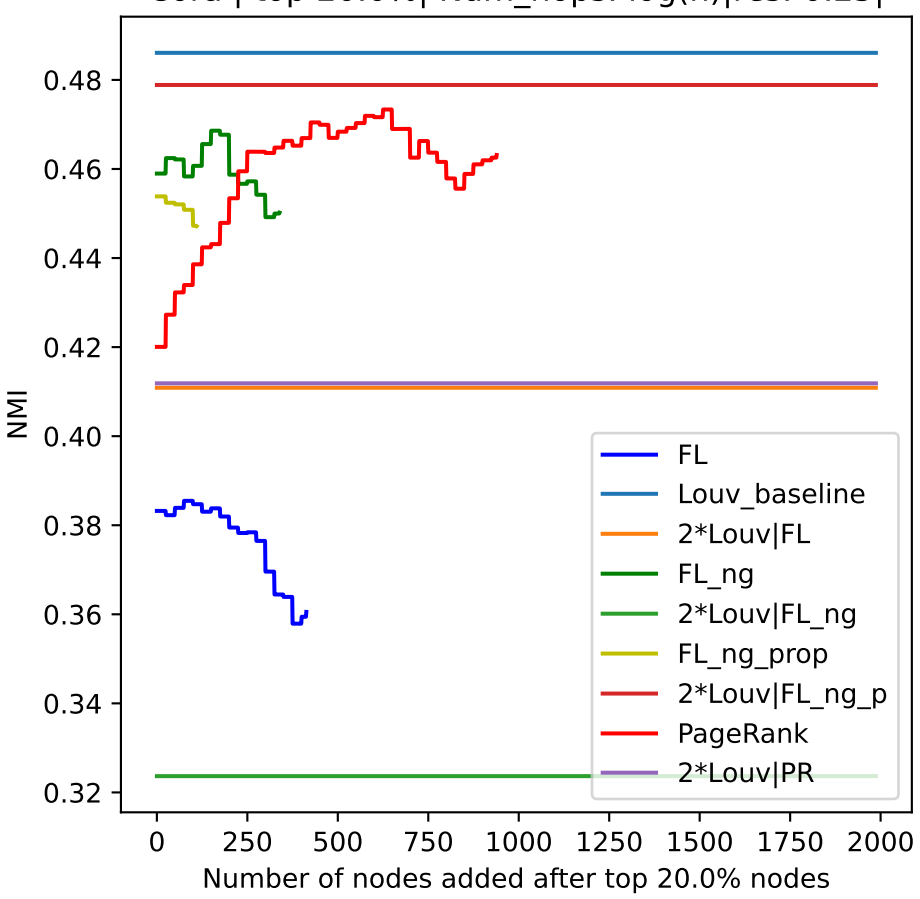

Cora | top 20.0%| Num_hops: log(n)|res: 1|
FL|35.65% nodes
Louv_baseline
FL_ng|32.15% nodes
FL_ng_prop|24.47% nodes
PageRank|54.21% nodes
NMI
Purity

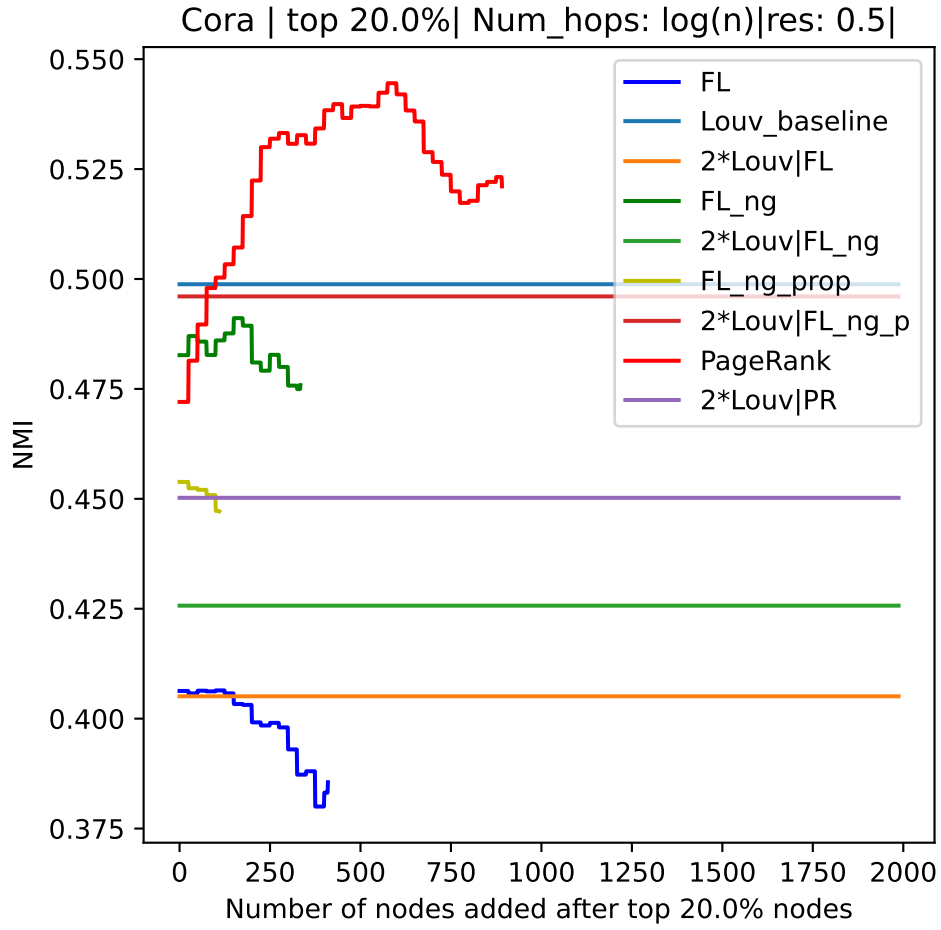

Cora | top 20.0%| Num_hops: log(n)|res: 1.5|
FL|35.65% nodes
Louv_baseline
FL_ng|32.11% nodes
FL_ng_prop|24.47% nodes
PageRank|52.31% nodes
NMI
Purity

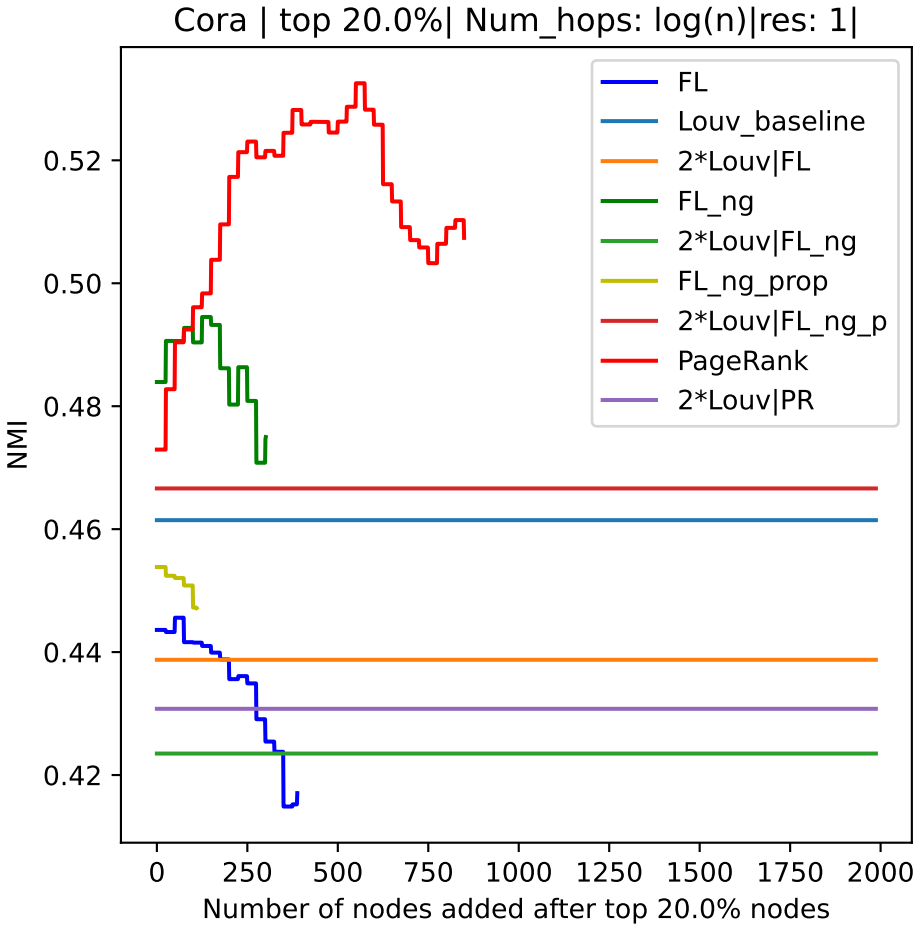

Cora | top 20.0%| Num_hops: log(n)|res: 5|
FL|35.21% nodes
Louv_baseline
FL_ng|29.82% nodes
FL_ng_prop|24.47% nodes
PageRank|46.4% nodes
NMI
Purity

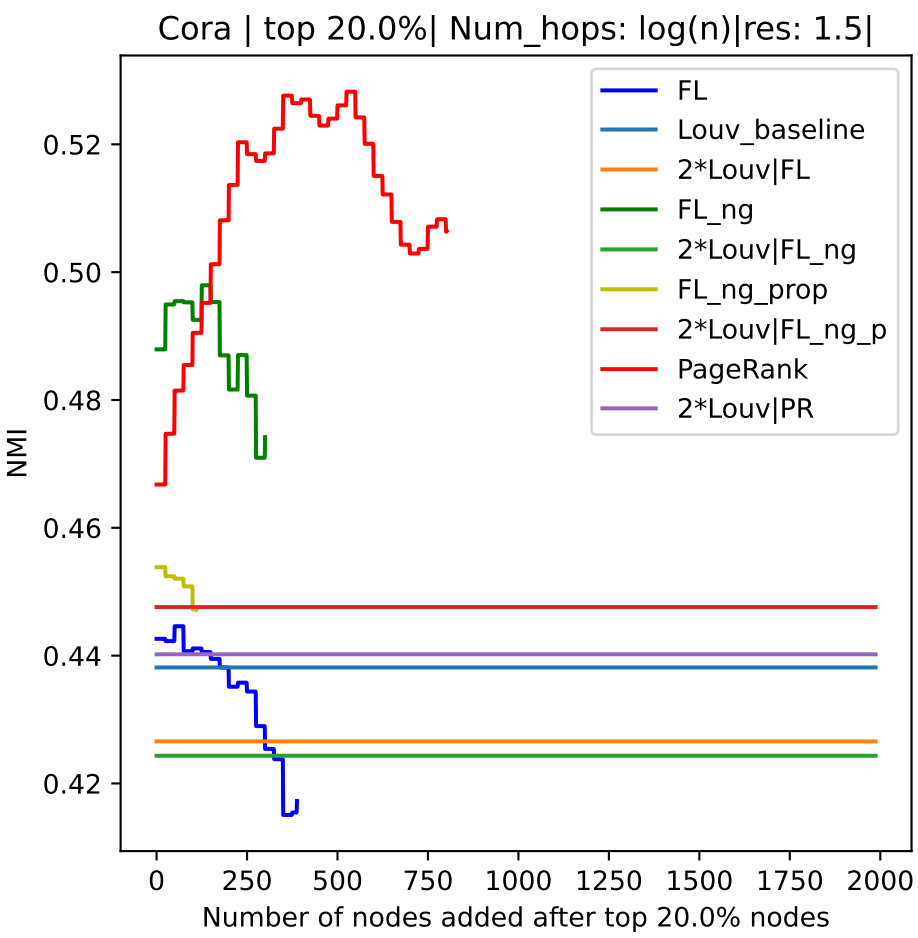

Cora | top 20.0%| Num_hops: log(n)
NMI
Purity
0.1
0.2
0.3
0.4
0.5
0.3
0.4
0.5
0.6
0.7
0.8
0.9
FL|0.05|37.14% nodes
Louv_baseline|0.05
FL_ng|0.05|35.77% nodes
FL_ng_prop|0.05|24.47% nodes
PageRank|0.05|68.81% nodes
FL|0.25|36.66% nodes
Louv_baseline|0.25
FL_ng|0.25|33.68% nodes
FL_ng_prop|0.25|24.47% nodes
PageRank|0.25|57.83% nodes
FL|0.5|36.54% nodes
Louv_baseline|0.5
FL_ng|0.5|33.48% nodes
FL_ng_prop|0.5|24.47% nodes
PageRank|0.5|55.9% nodes
FL|1|35.65% nodes
Louv_baseline|1
FL_ng|1|32.15% nodes
FL_ng_prop|1|24.47% nodes
PageRank|1|54.21% nodes
FL|1.5|35.65% nodes
Louv_baseline|1.5
FL_ng|1.5|32.11% nodes
FL_ng_prop|1.5|24.47% nodes
PageRank|1.5|52.31% nodes
FL|5|35.21% nodes
Louv_baseline|5
FL_ng|5|29.82% nodes
FL_ng_prop|5|24.47% nodes
PageRank|5|46.4% nodes

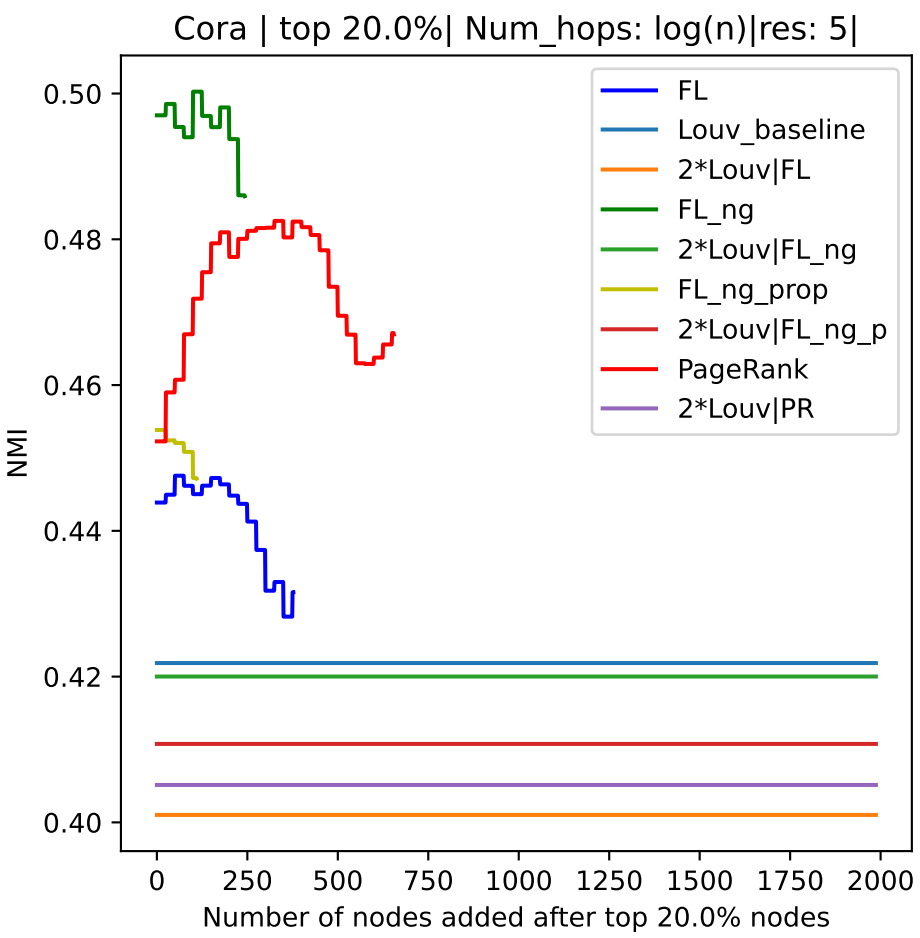

Cora | top 20.0%| Num_hops: log(n)|res: 0.05|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

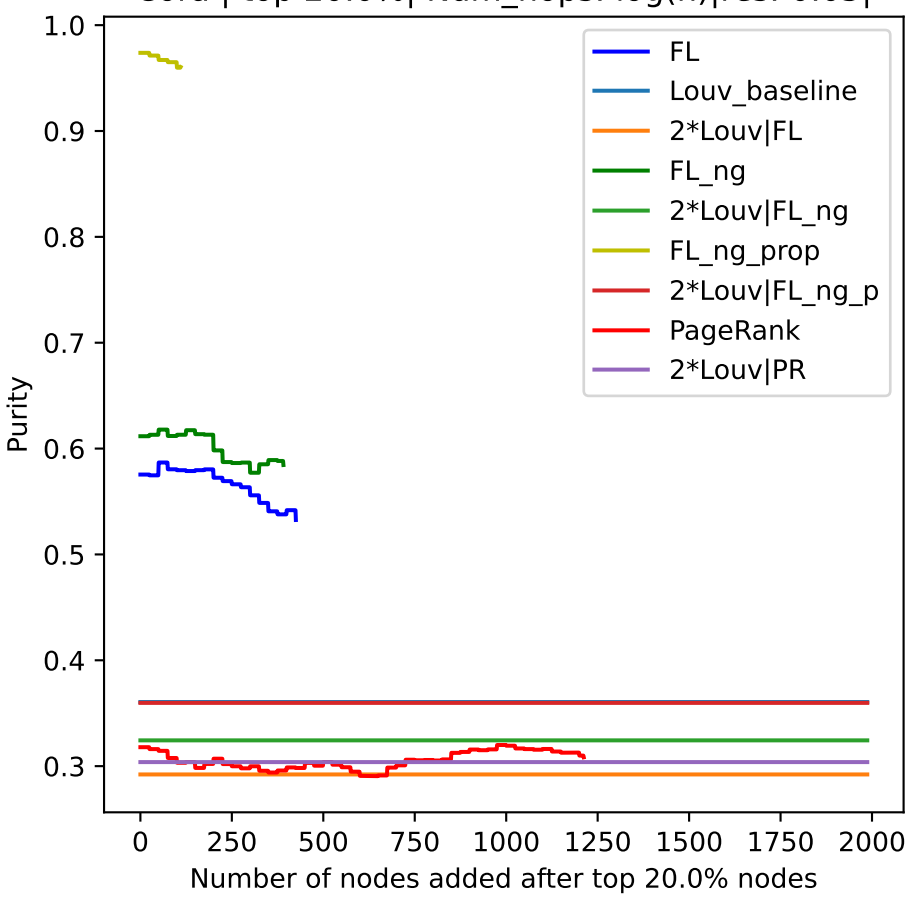

Cora | top 20.0%| Num_hops: log(n)|res: 0.25|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

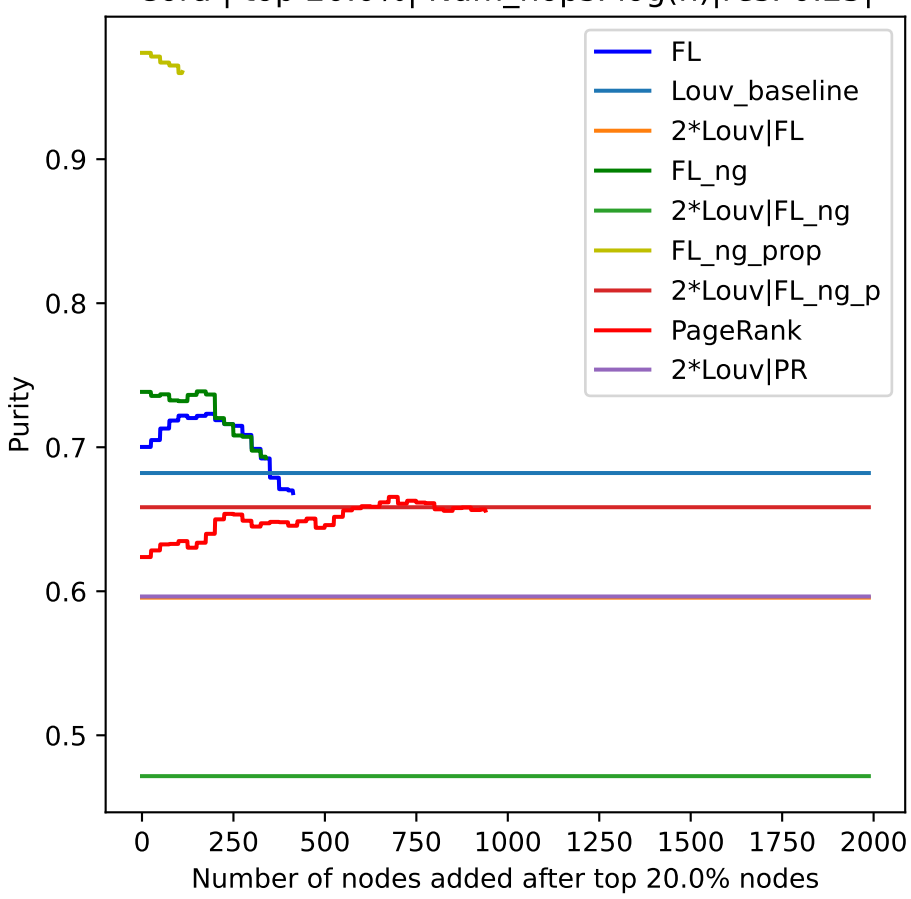

Cora | top 20.0%| Num_hops: log(n)|res: 0.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

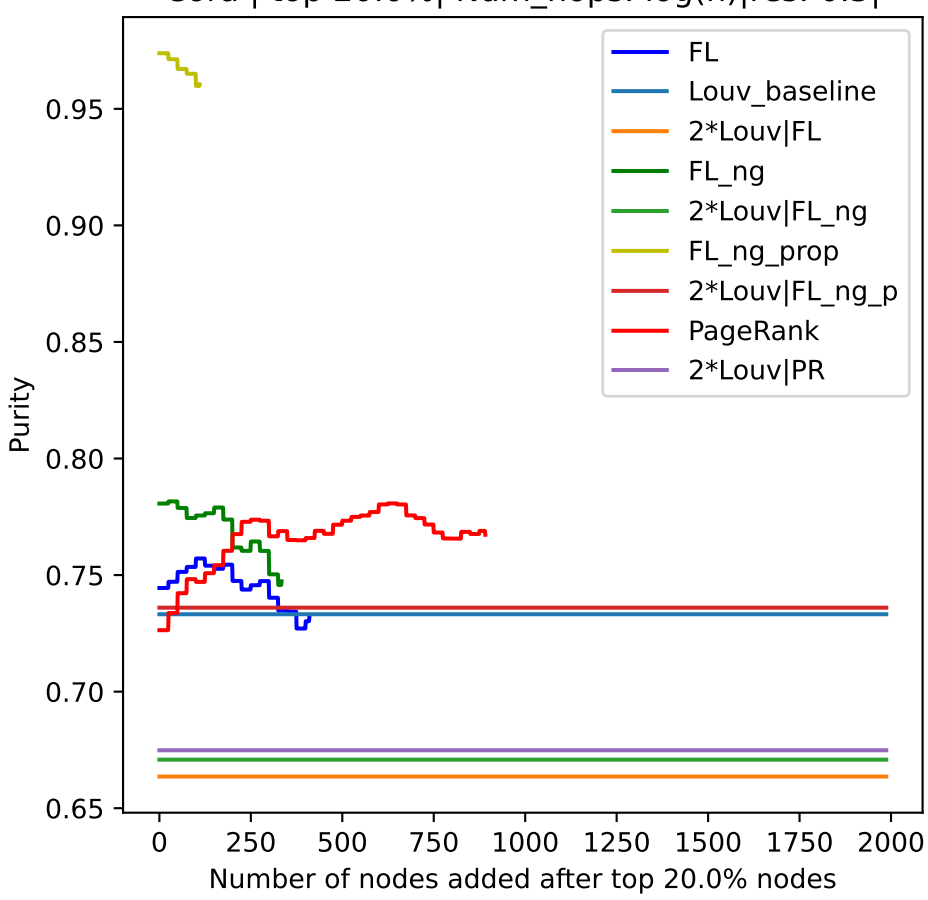

Cora | top 20.0%| Num_hops: log(n)|res: 1|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

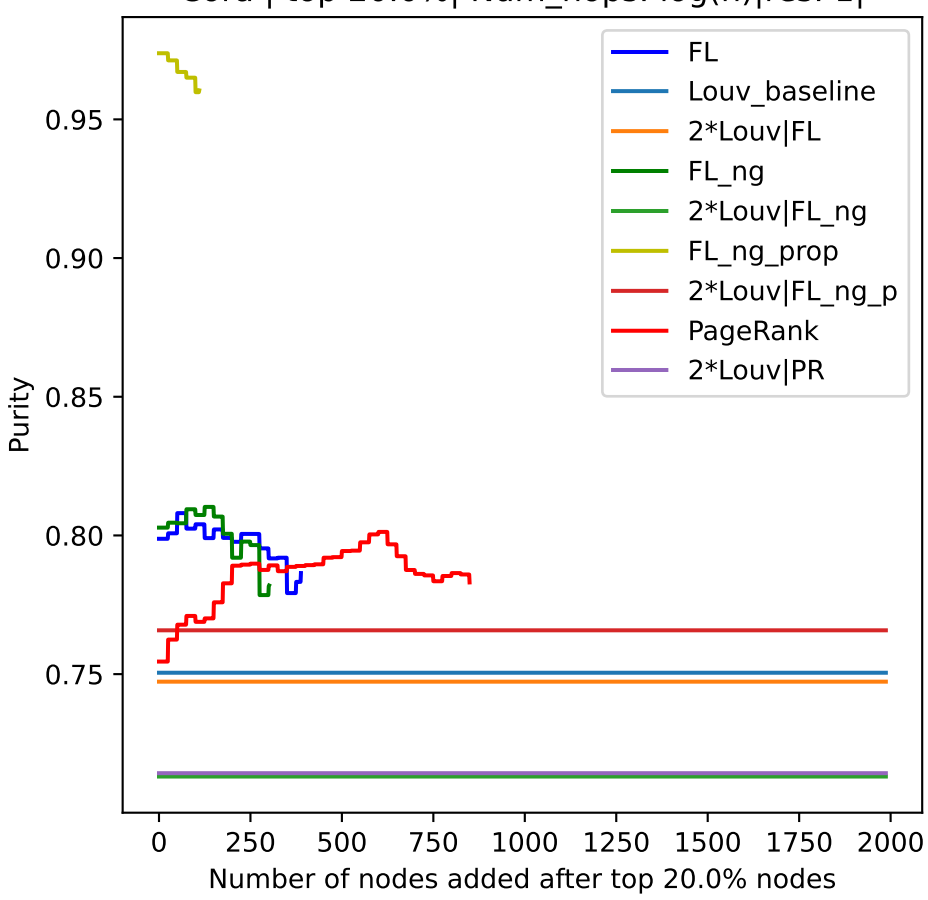

Cora | top 20.0%| Num_hops: log(n)|res: 1.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

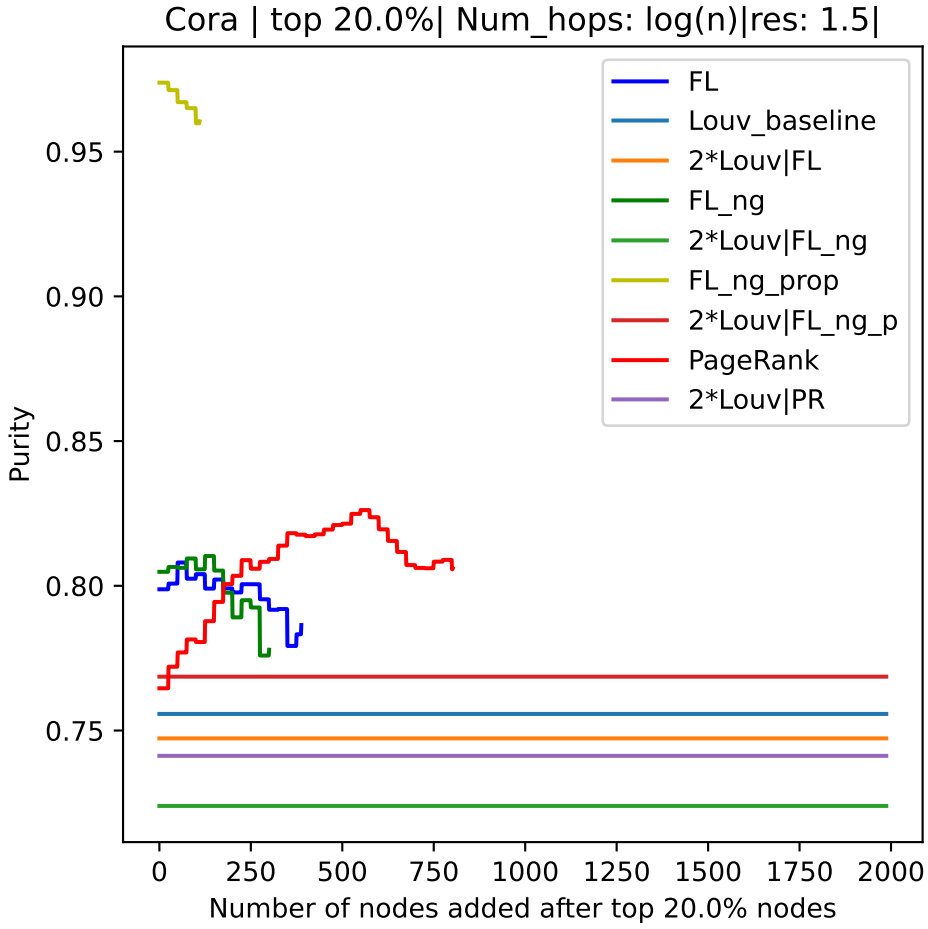

Cora | top 20.0%| Num_hops: log(n)|res: 5|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

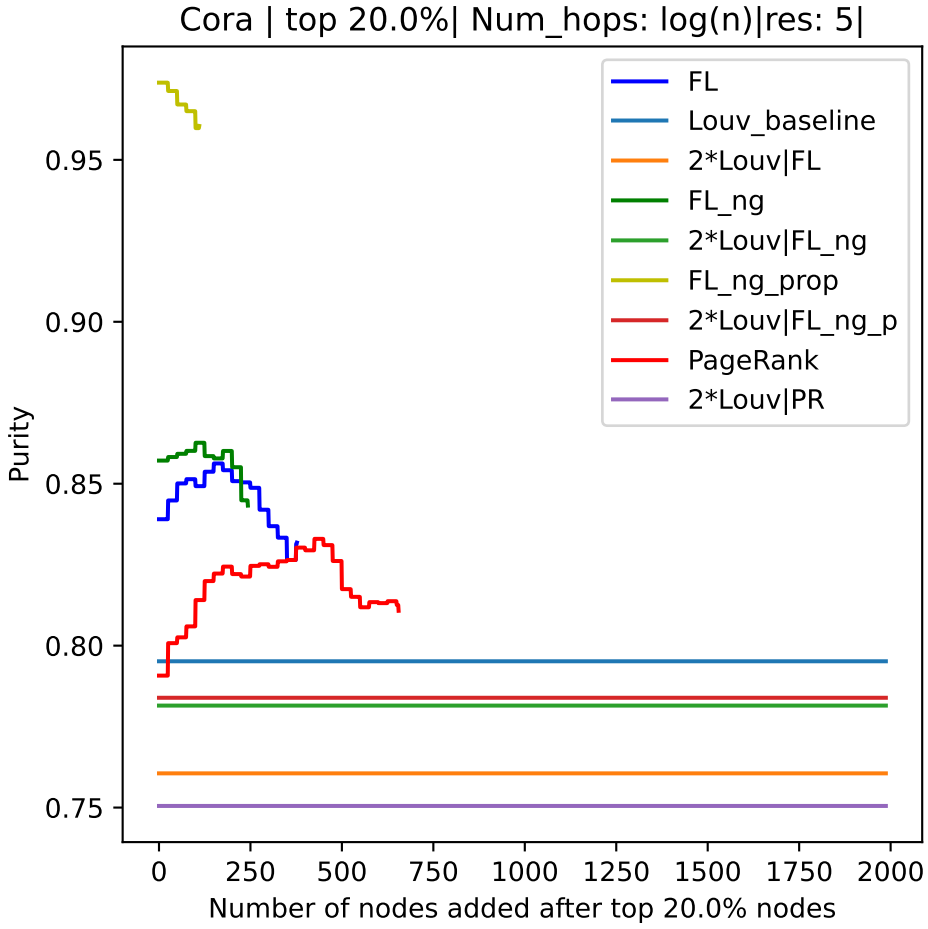

Cora | top 20.0%| Num_hops: log(n)|res: 0.05|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

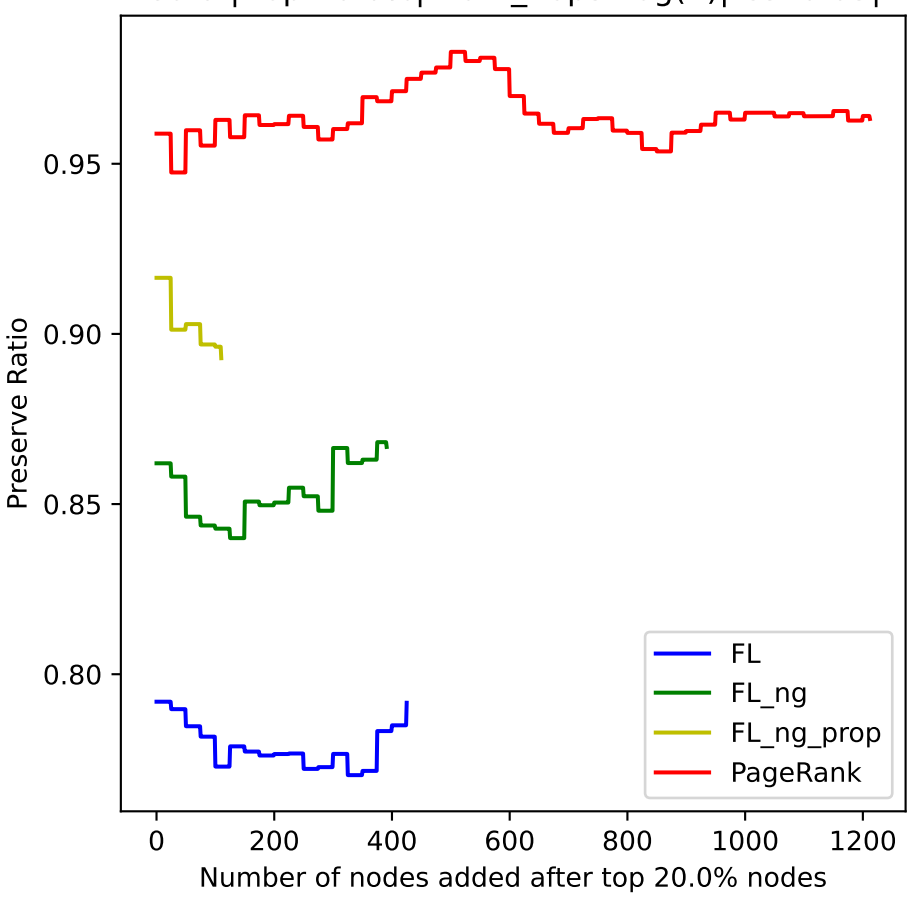

Cora | top 20.0%| Num_hops: log(n)|res: 0.25|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

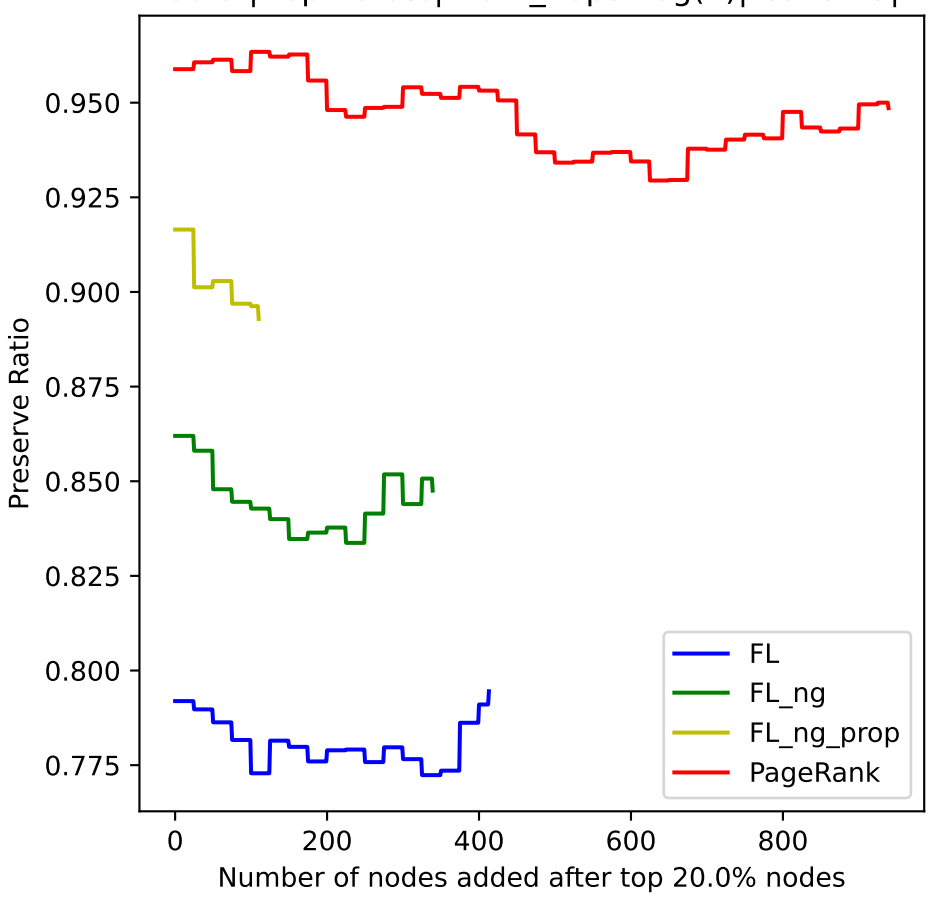

Cora | top 20.0%| Num_hops: log(n)|res: 0.5|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

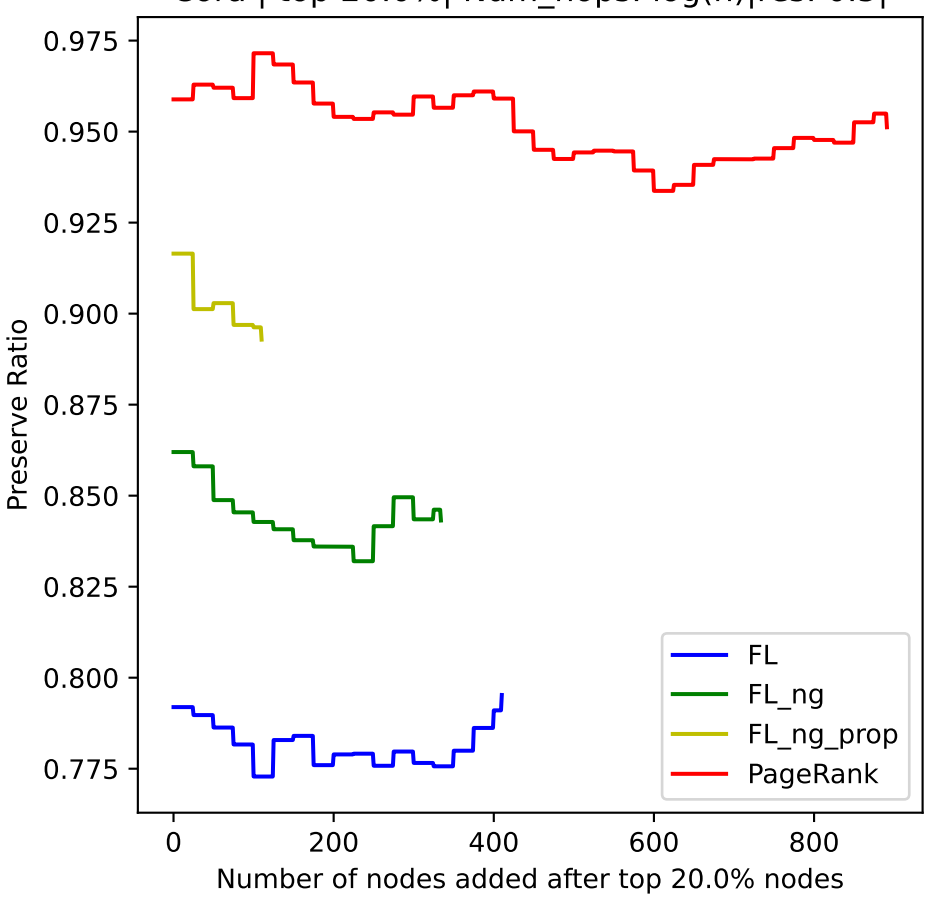

Cora | top 20.0%| Num_hops: log(n)|res: 1|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

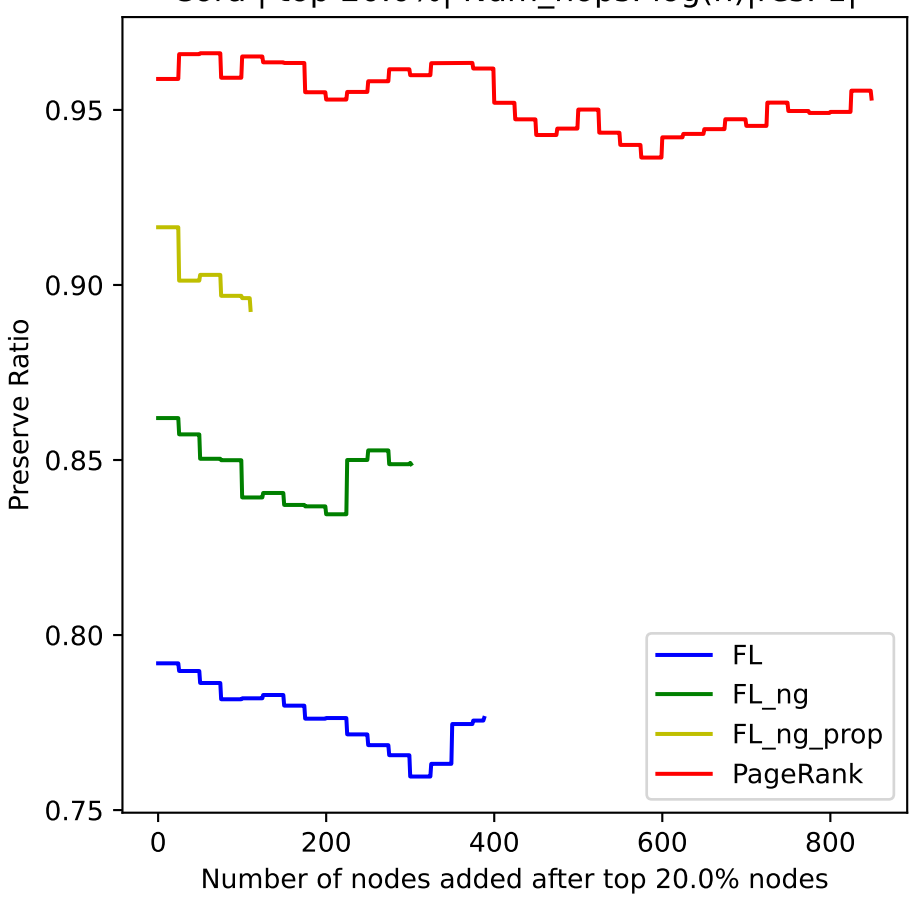

Cora | top 20.0%| Num_hops: log(n)|res: 1.5|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

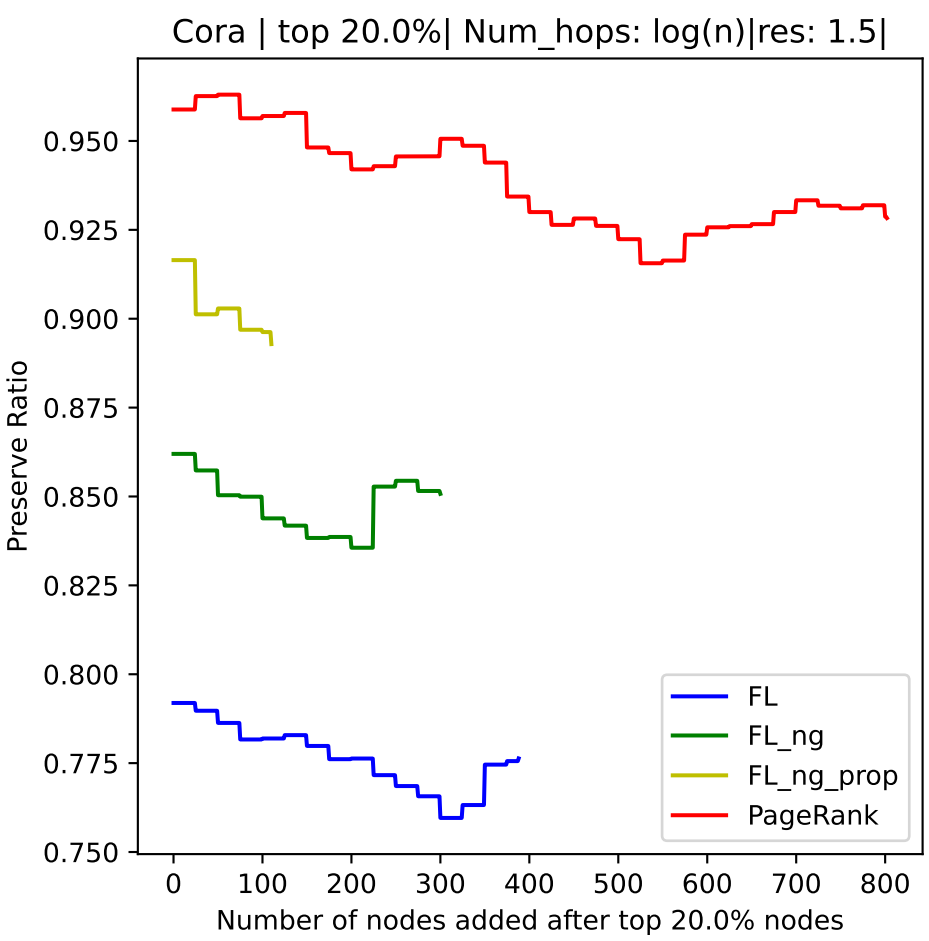

Cora | top 20.0%| Num_hops: log(n)|res: 5|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
2*Louv|FL
FL_ng
2*Louv|FL_ng
FL_ng_prop
2*Louv|FL_ng_p
PageRank
2*Louv|PR

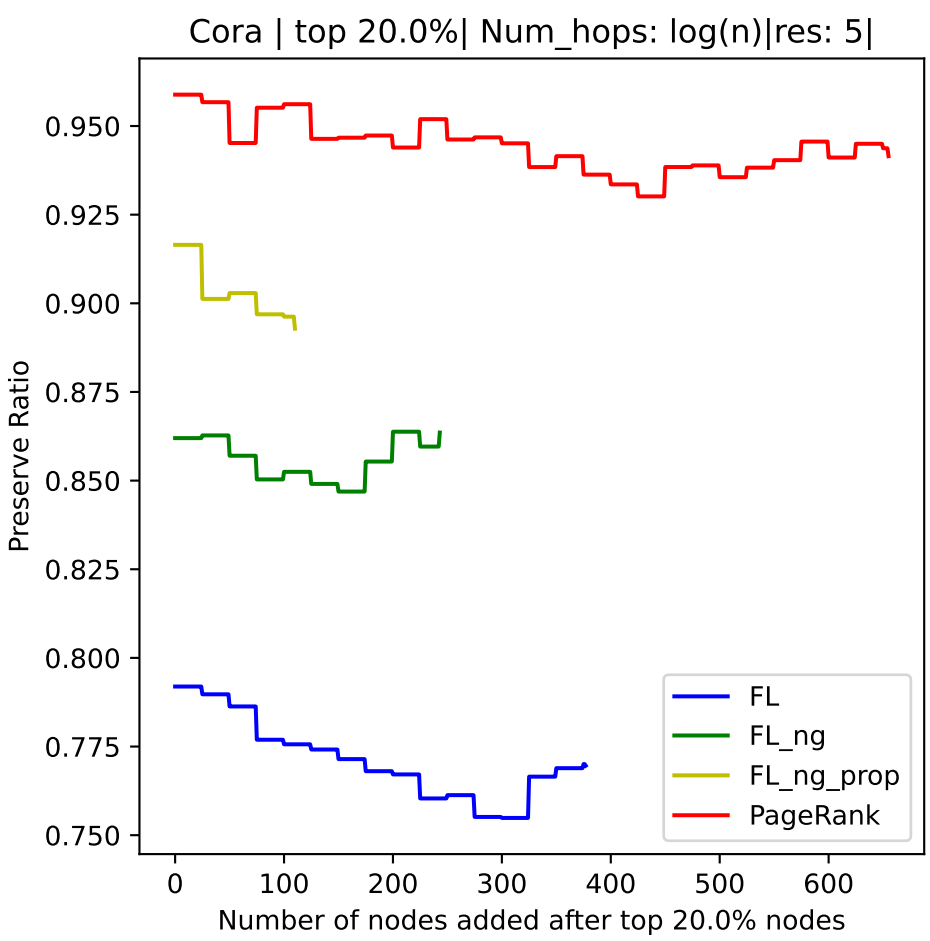

Cora | top 20.0%| Num_hops: log(n)|res: 0.05|
Preserve Ratio
0.95
0.90
0.85
0.80
0
200
400
600
800
1000
1200
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

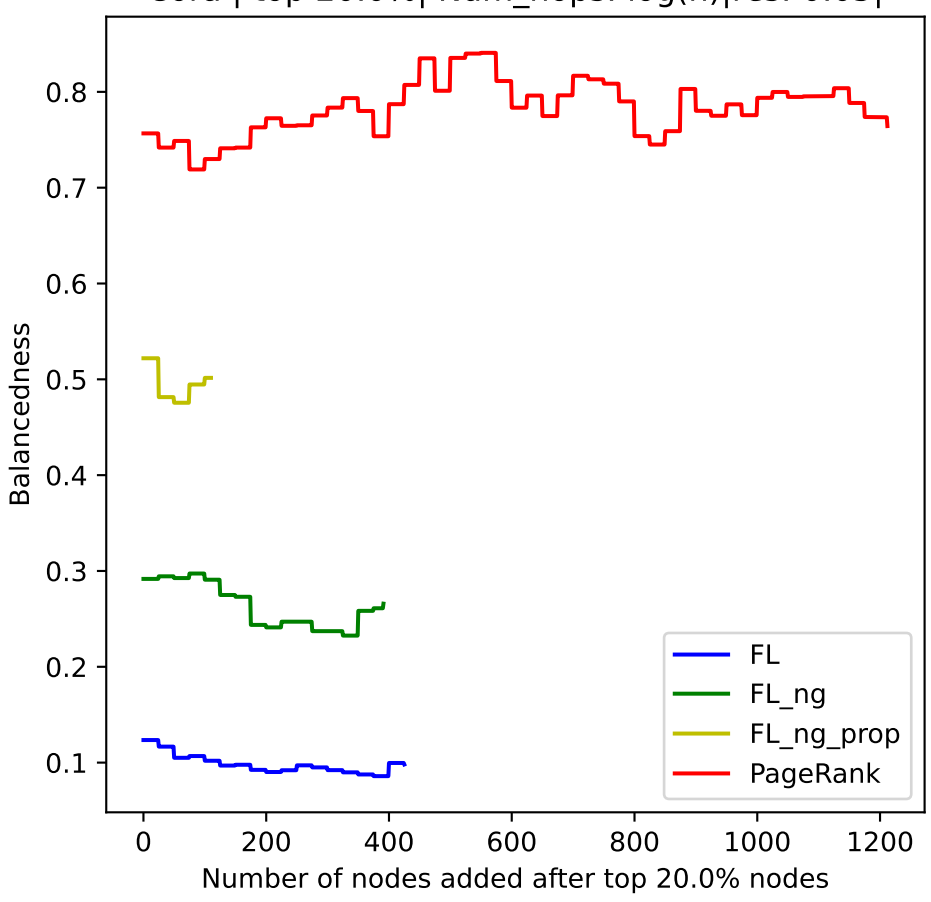

Cora | top 20.0%| Num_hops: log(n)|res: 0.25|
Preserve Ratio
0.950
0.925
0.900
0.875
0.850
0.825
0.800
0.775
0
200
400
600
800
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

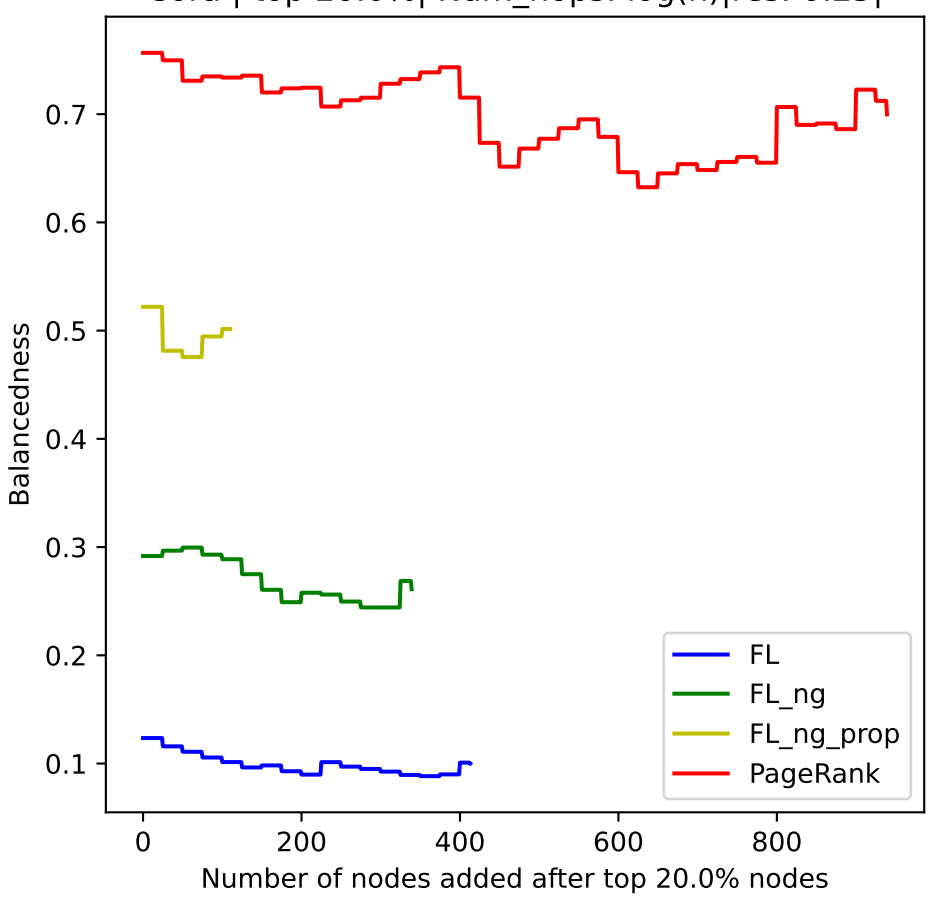

Cora | top 20.0%| Num_hops: log(n)|res: 0.5|
Preserve Ratio
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
0.775
0
200
400
600
800
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

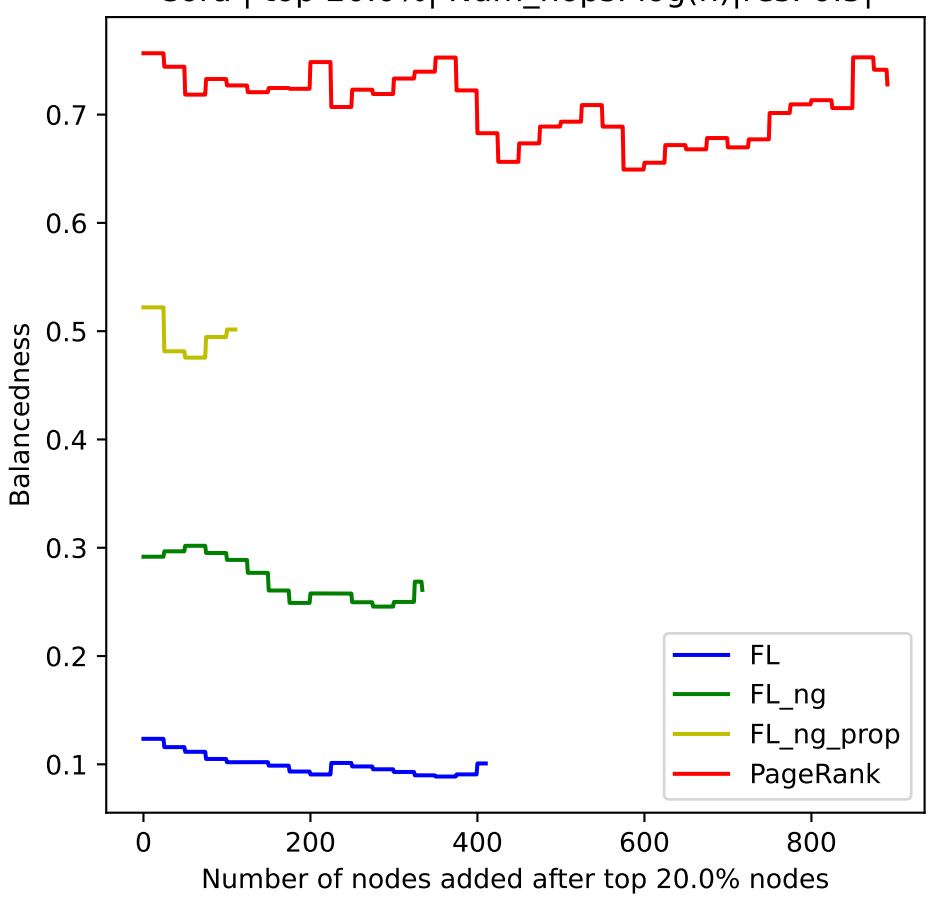

Cora | top 20.0%| Num_hops: log(n)|res: 1|
Preserve Ratio
0.95
0.90
0.85
0.80
0.75
0
200
400
600
800
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

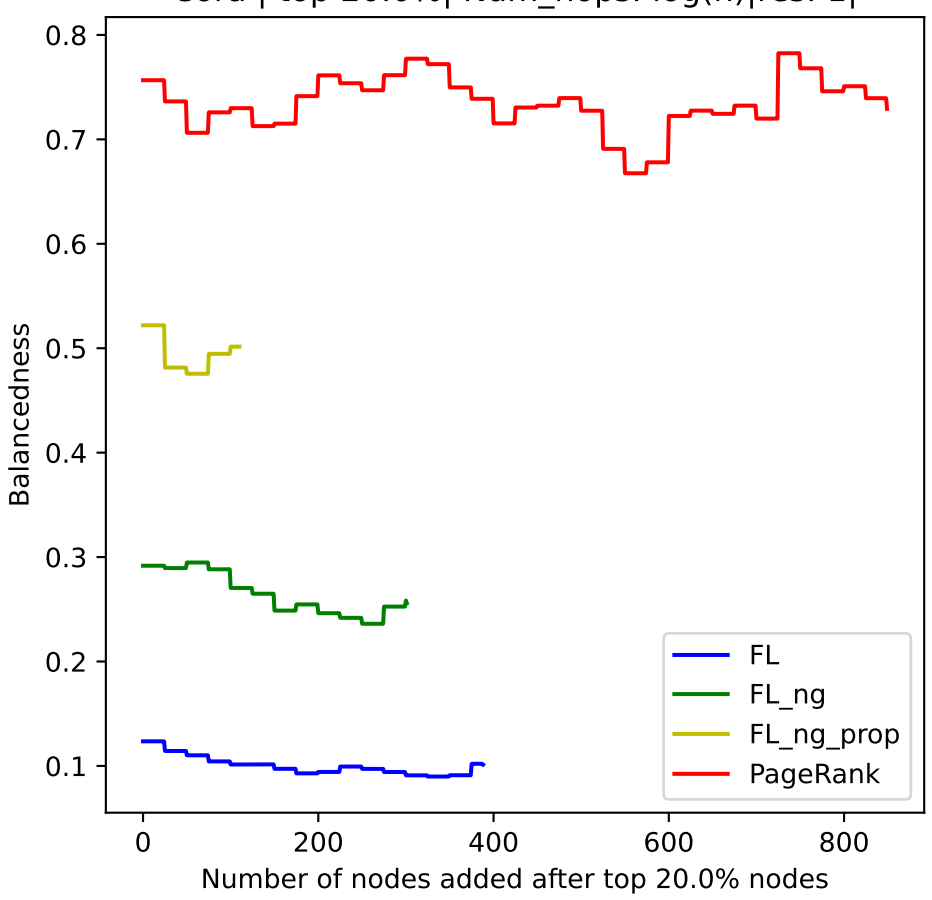

Cora | top 20.0%| Num_hops: log(n)|res: 1.5|
Preserve Ratio
0.950
0.925
0.900
0.875
0.850
0.825
0.800
0.775
0.750
0
100
200
300
400
500
600
700
800
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

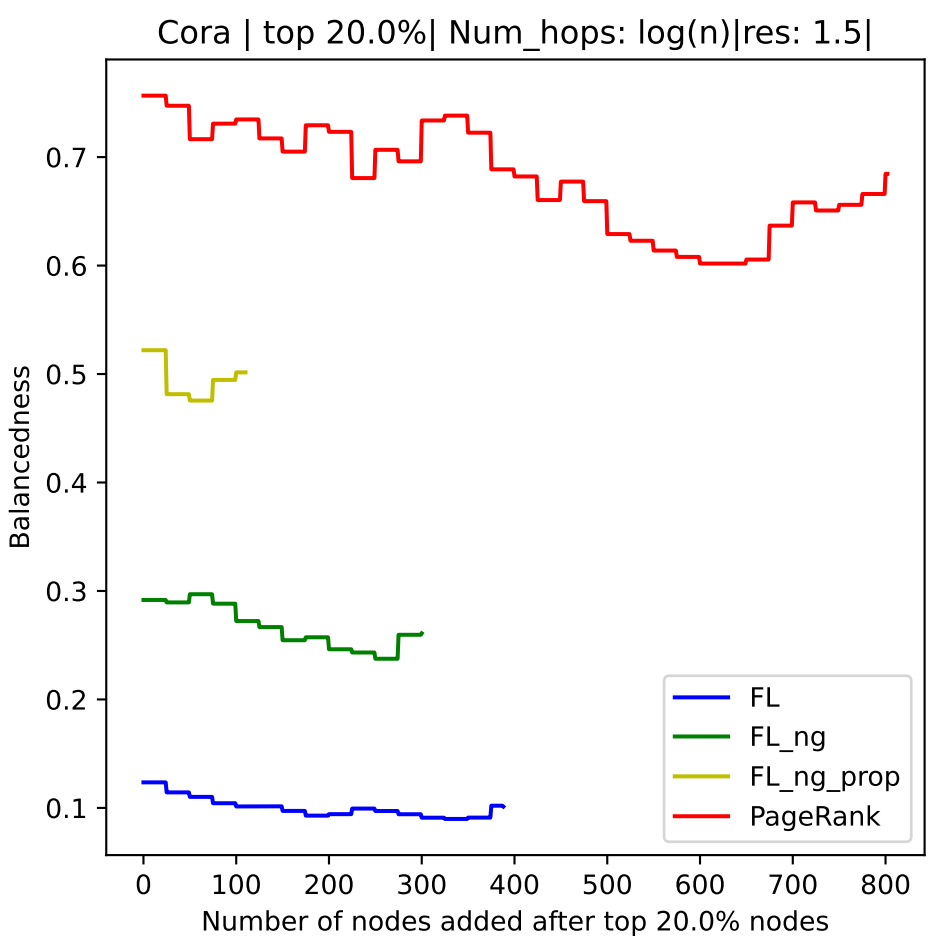

Cora | top 20.0%| Num_hops: log(n)|res: 5|
Preserve Ratio
0.950
0.925
0.900
0.875
0.850
0.825
0.800
0.775
0.750
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

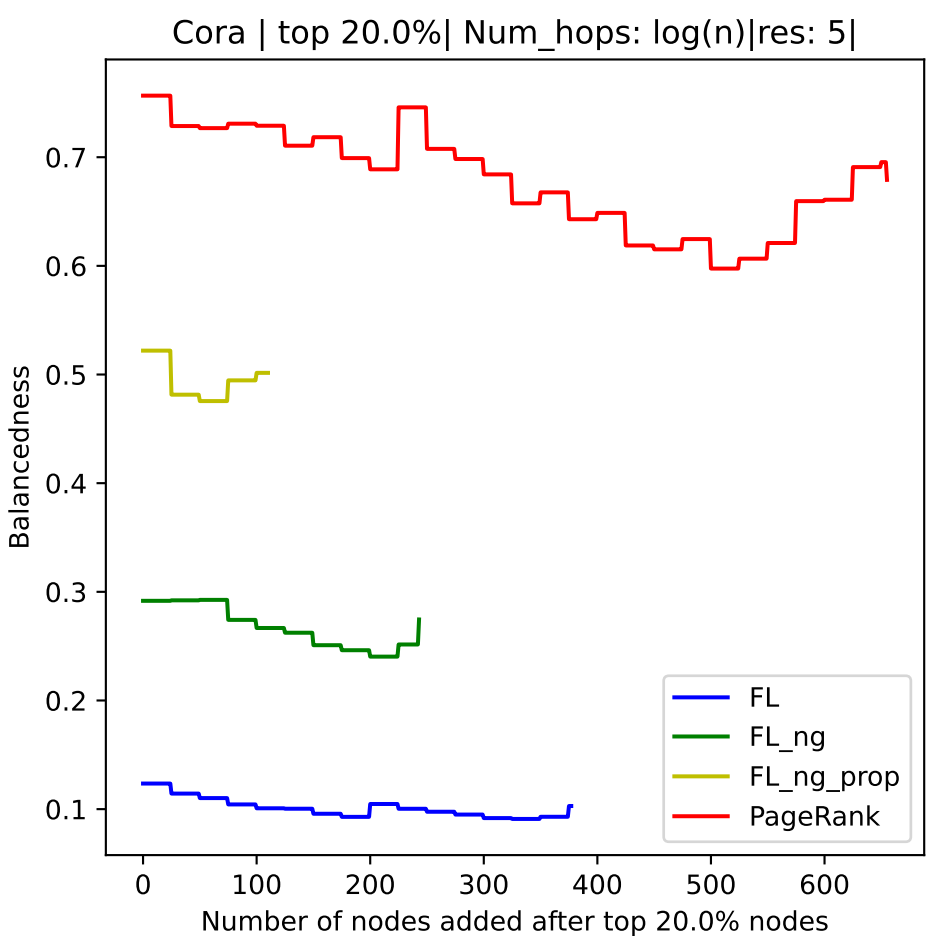

Cora | top 20.0%| Num_hops: log(n)|res: 0.05|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

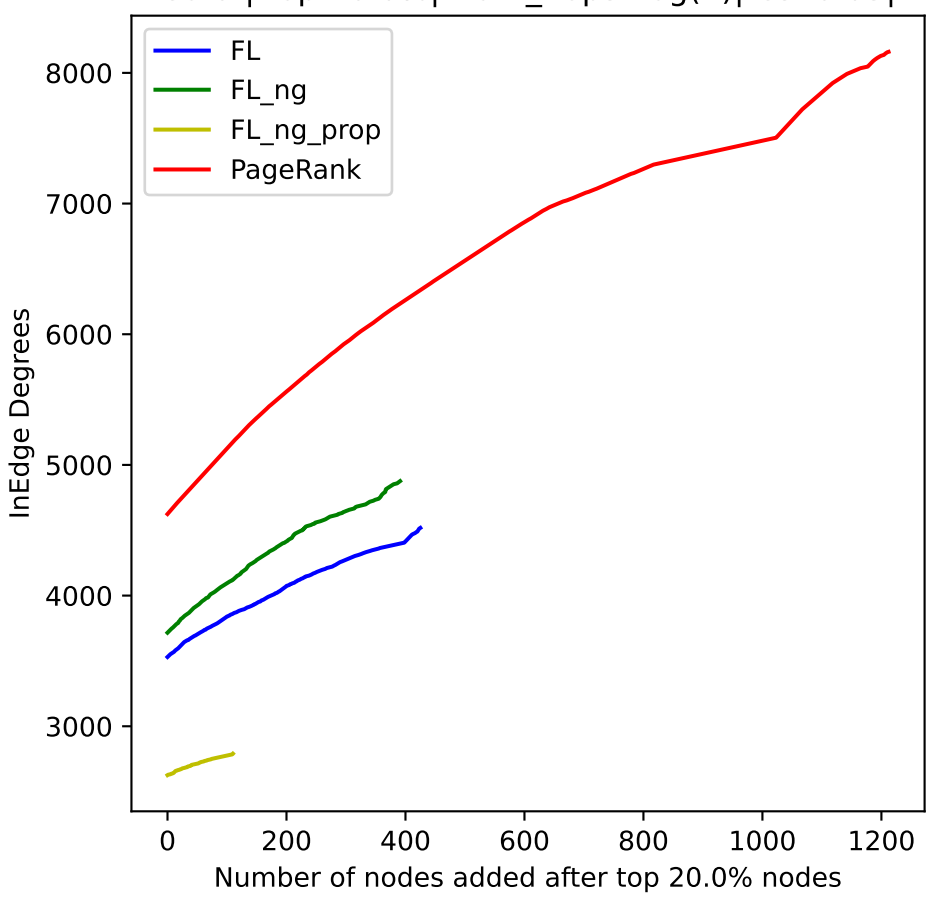

Cora | top 20.0%| Num_hops: log(n)|res: 0.25|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

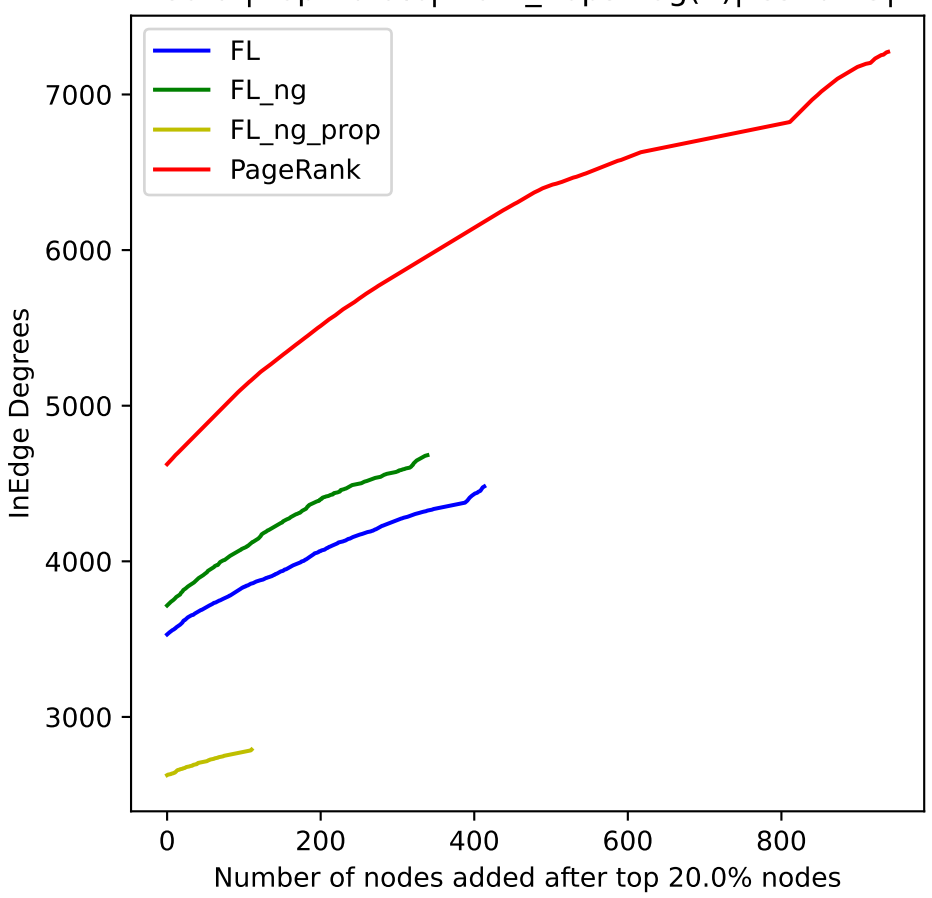

Cora | top 20.0%| Num_hops: log(n)|res: 0.5|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

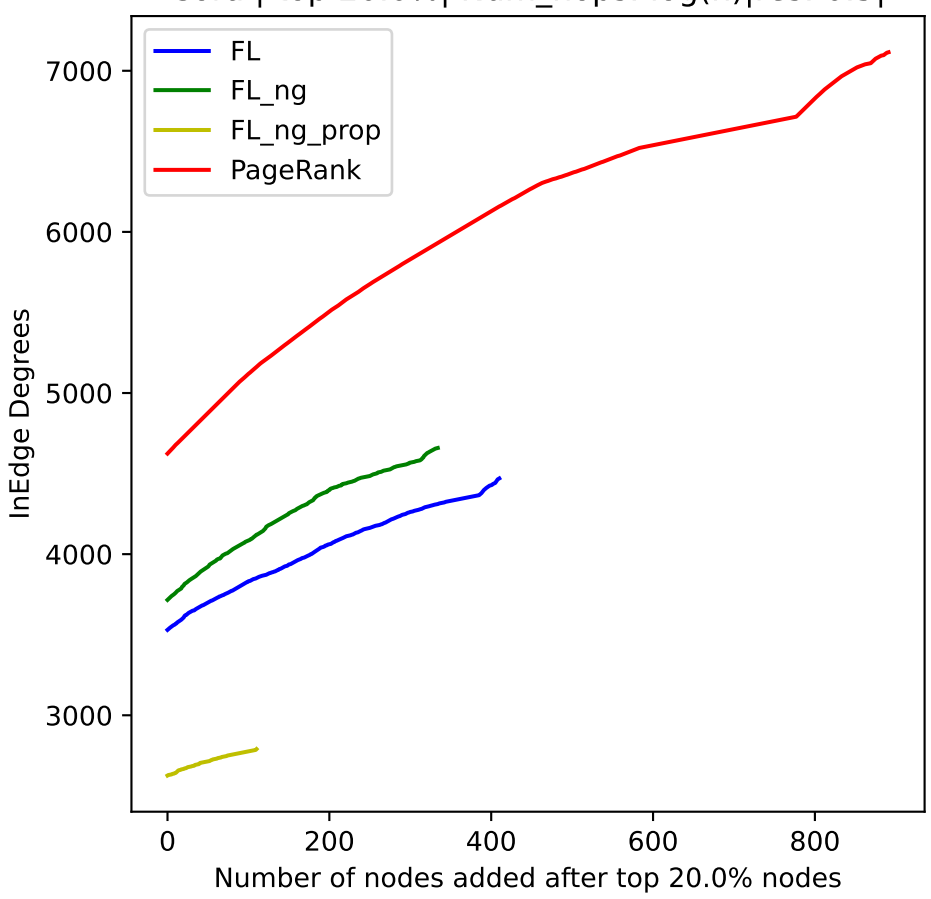

Cora | top 20.0%| Num_hops: log(n)|res: 1|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

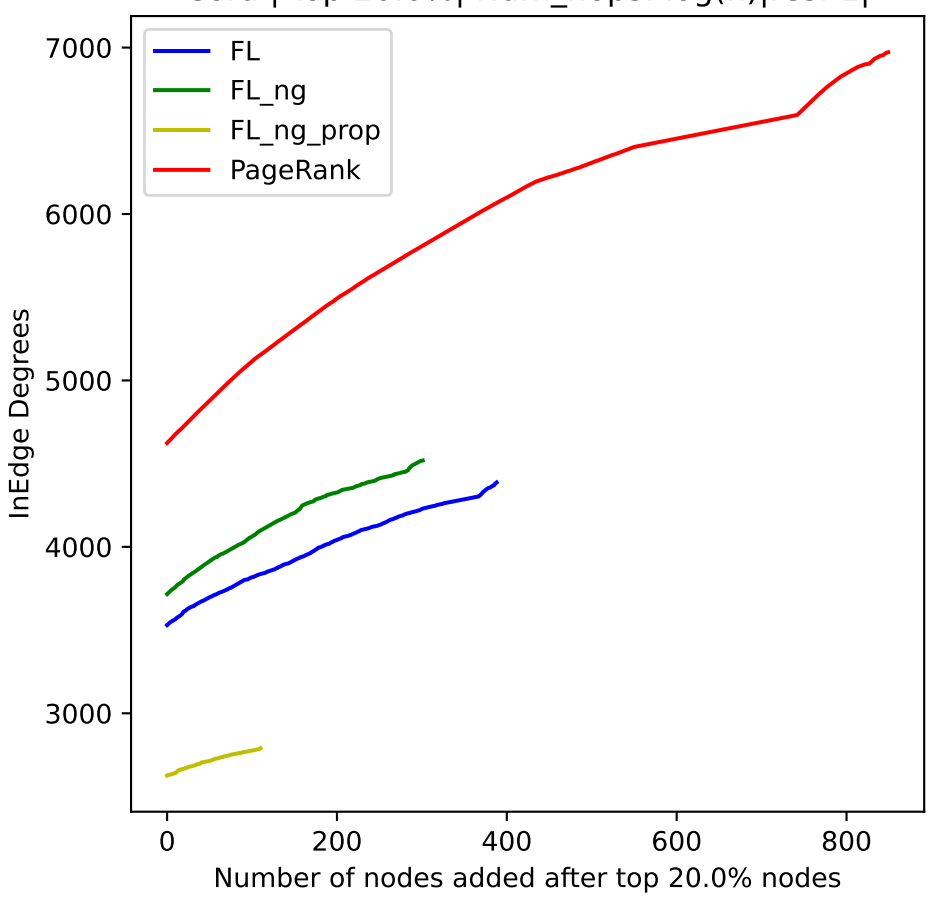

Cora | top 20.0%| Num_hops: log(n)|res: 1.5|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

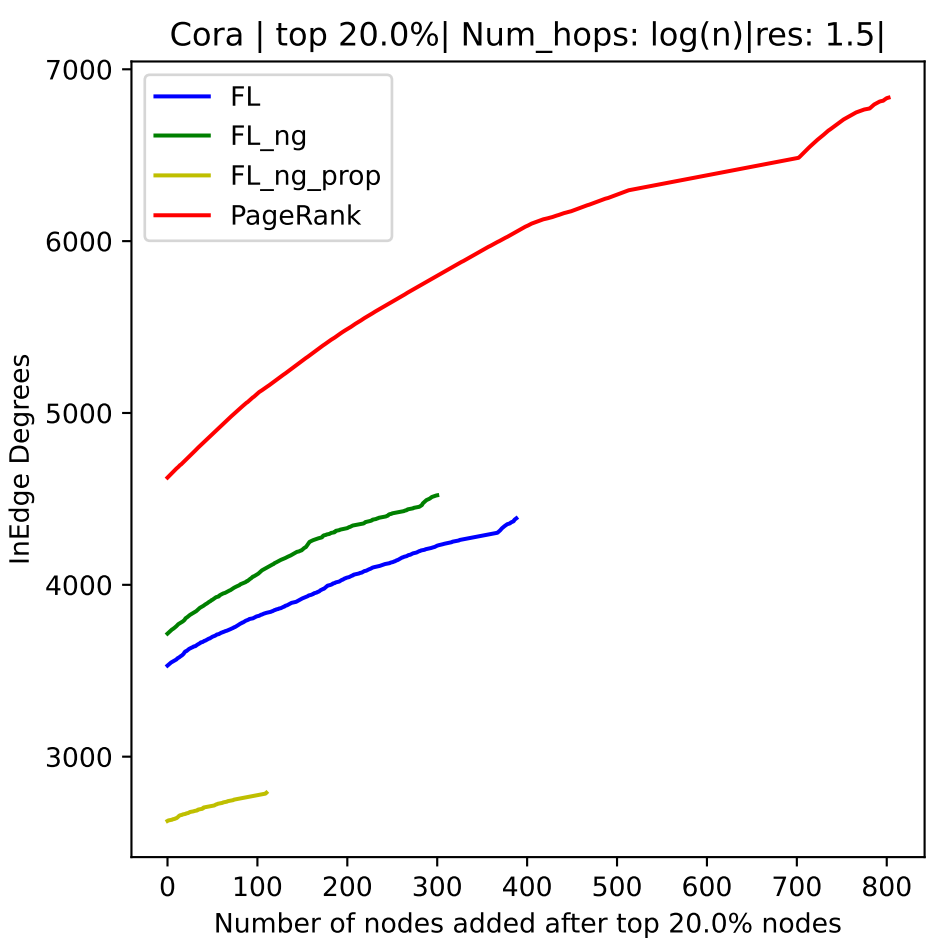

Cora | top 20.0%| Num_hops: log(n)|res: 5|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

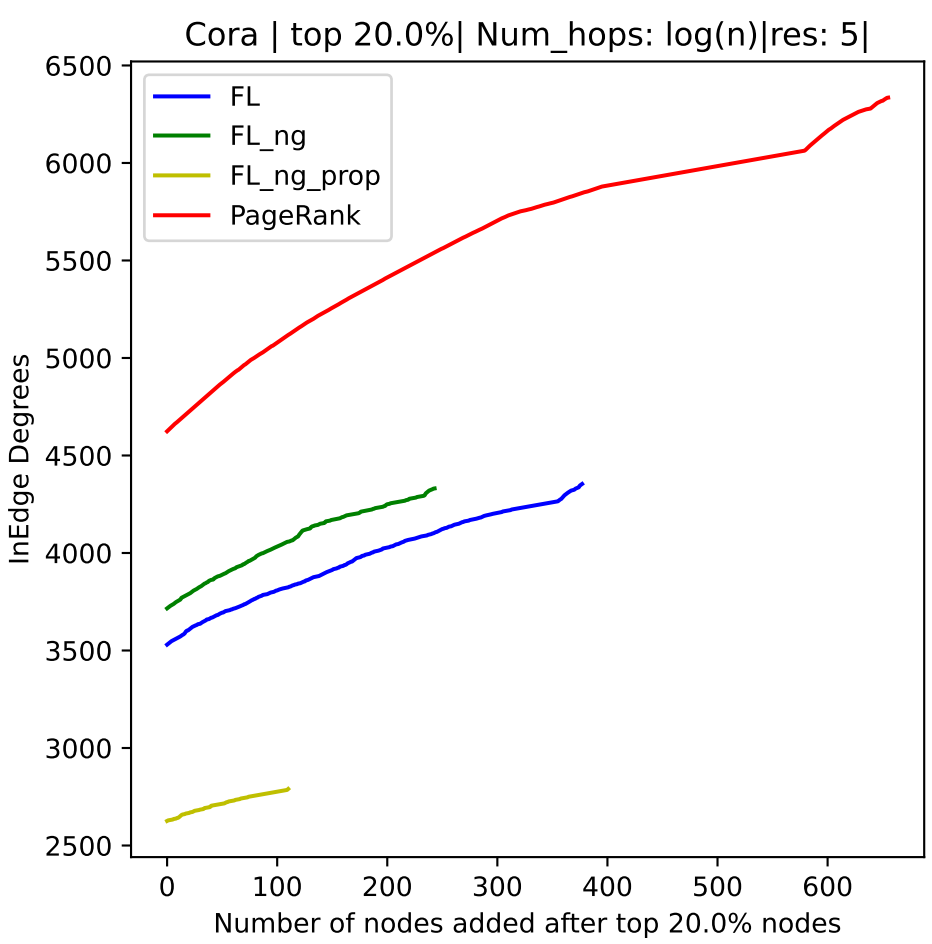

Cora | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
Number of nodes added after top 20.0% nodes


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


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


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


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


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