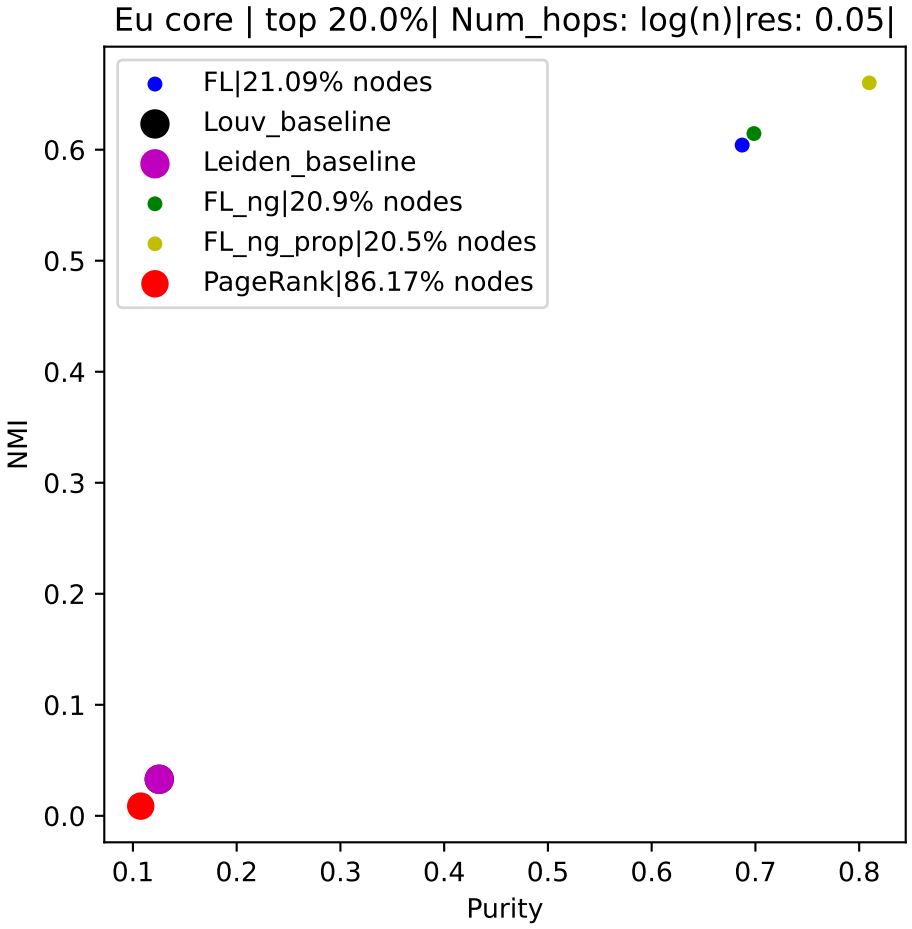
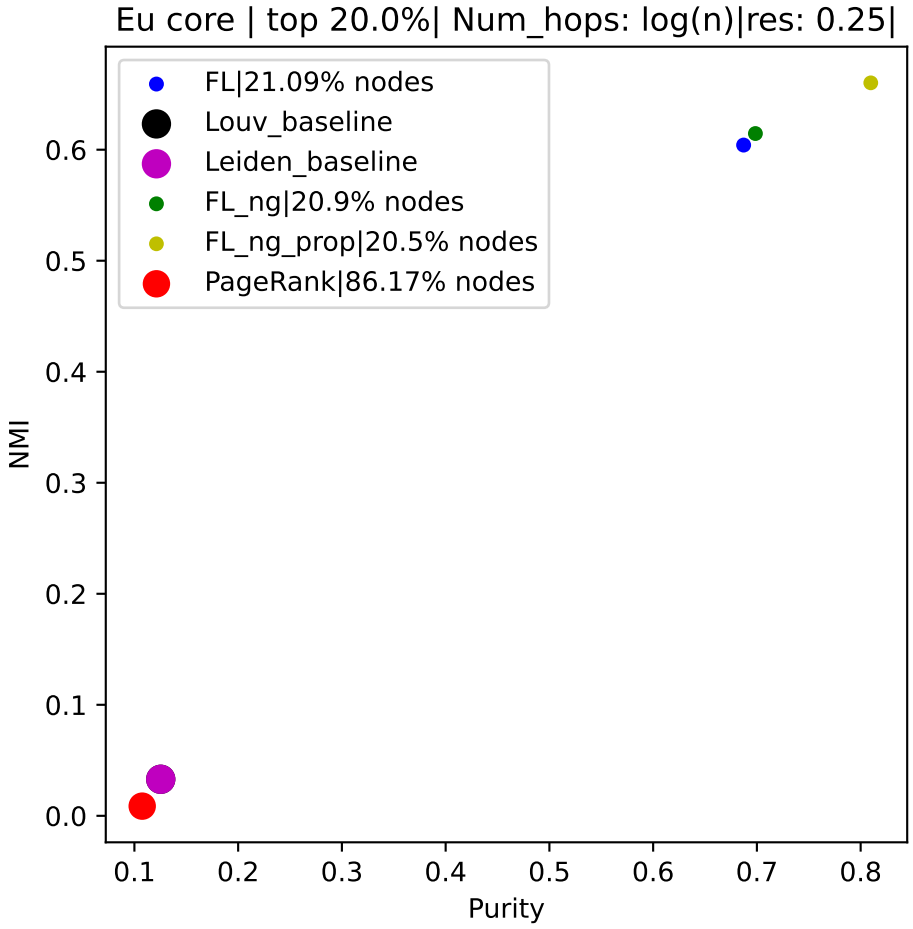
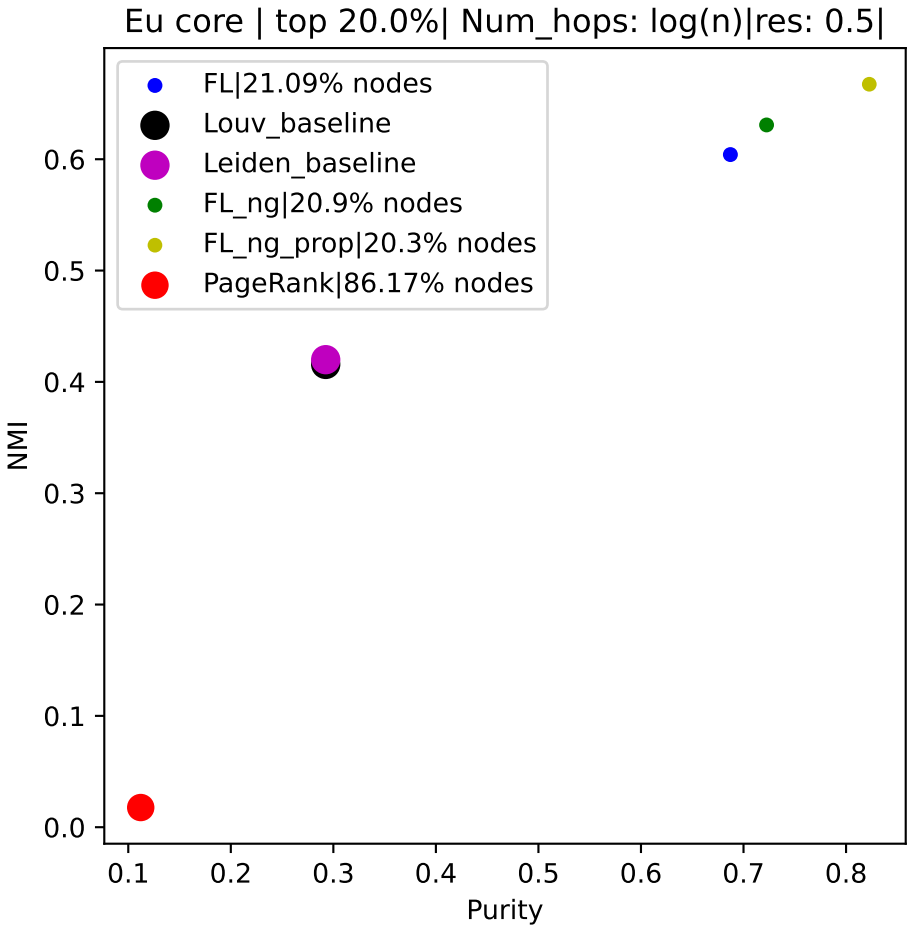
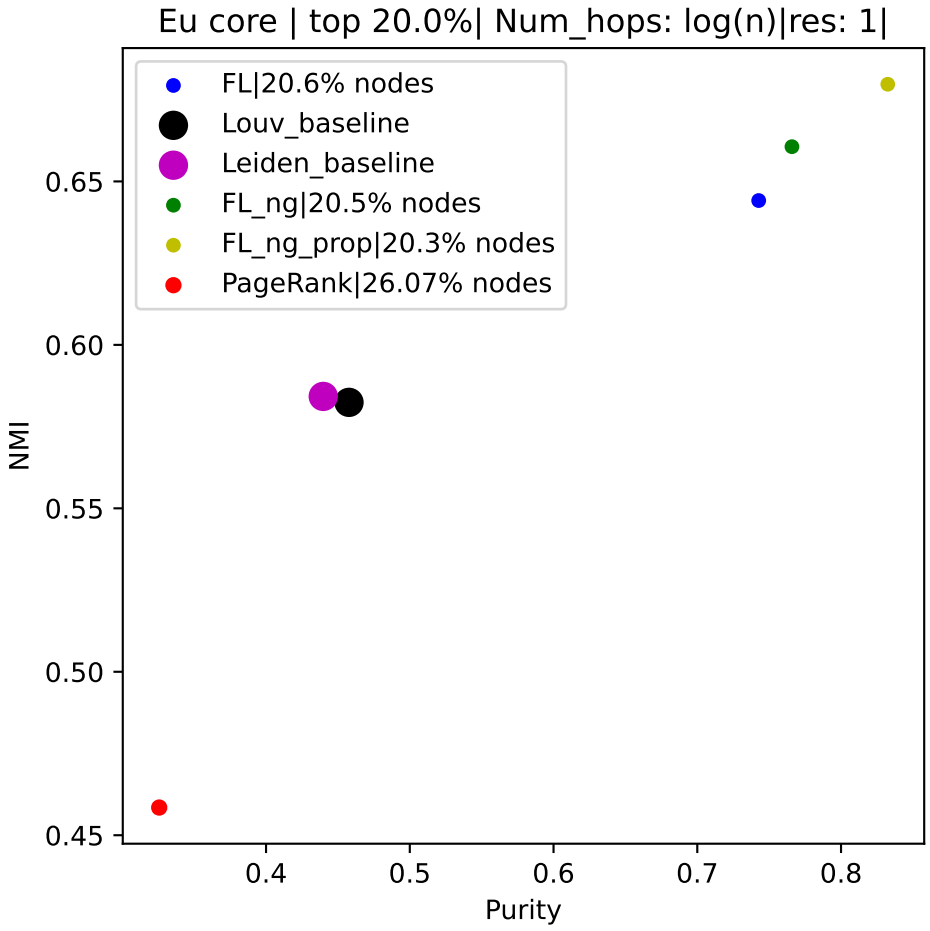
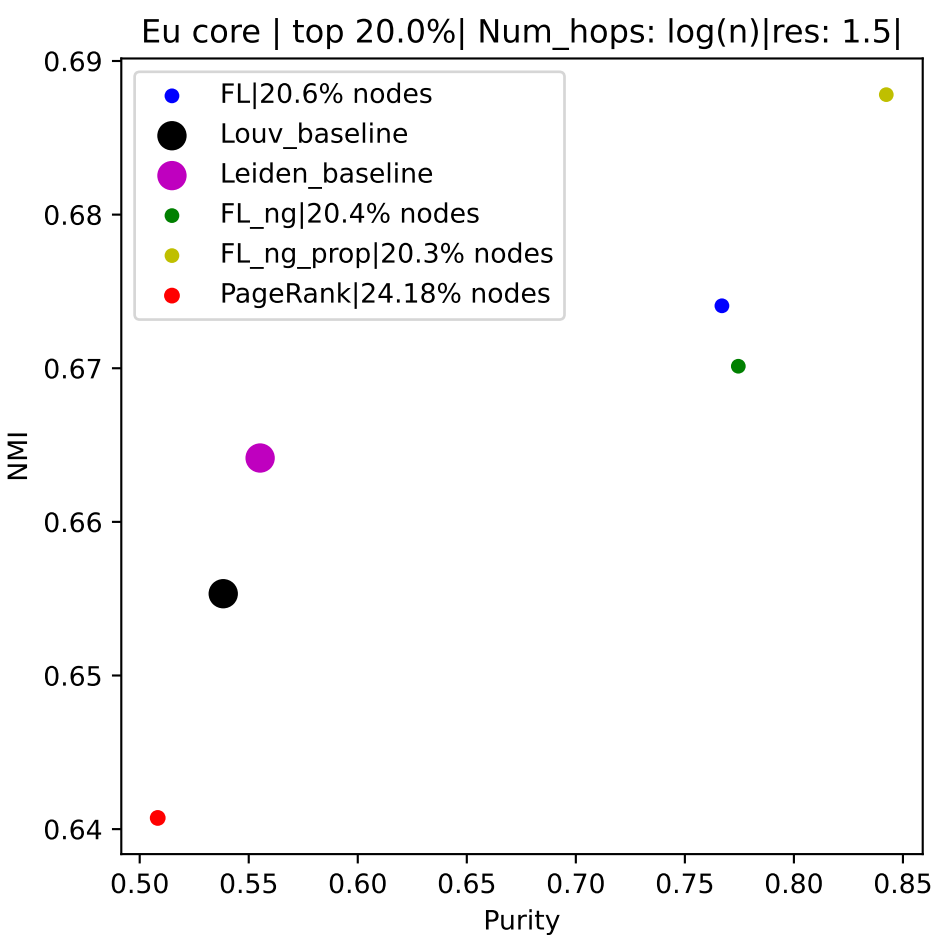
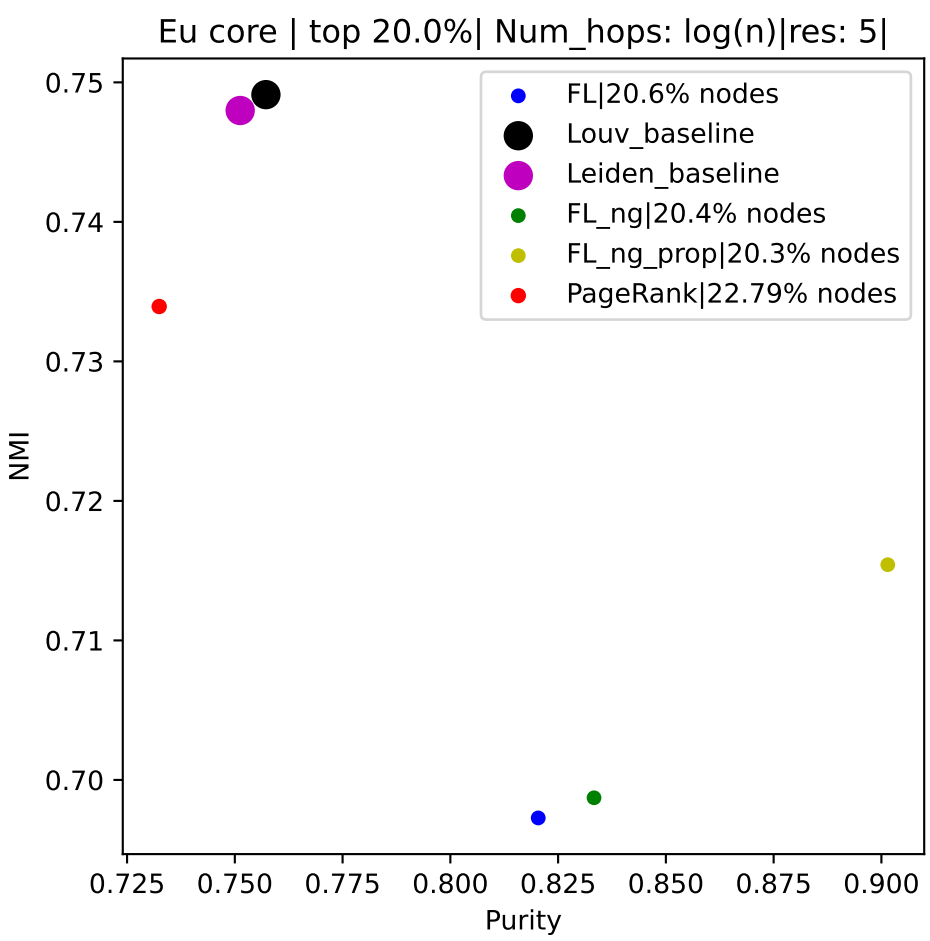

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
FL|21.09% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.9% nodes
FL_ng_prop|20.5% nodes
PageRank|86.17% nodes
NMI
Purity

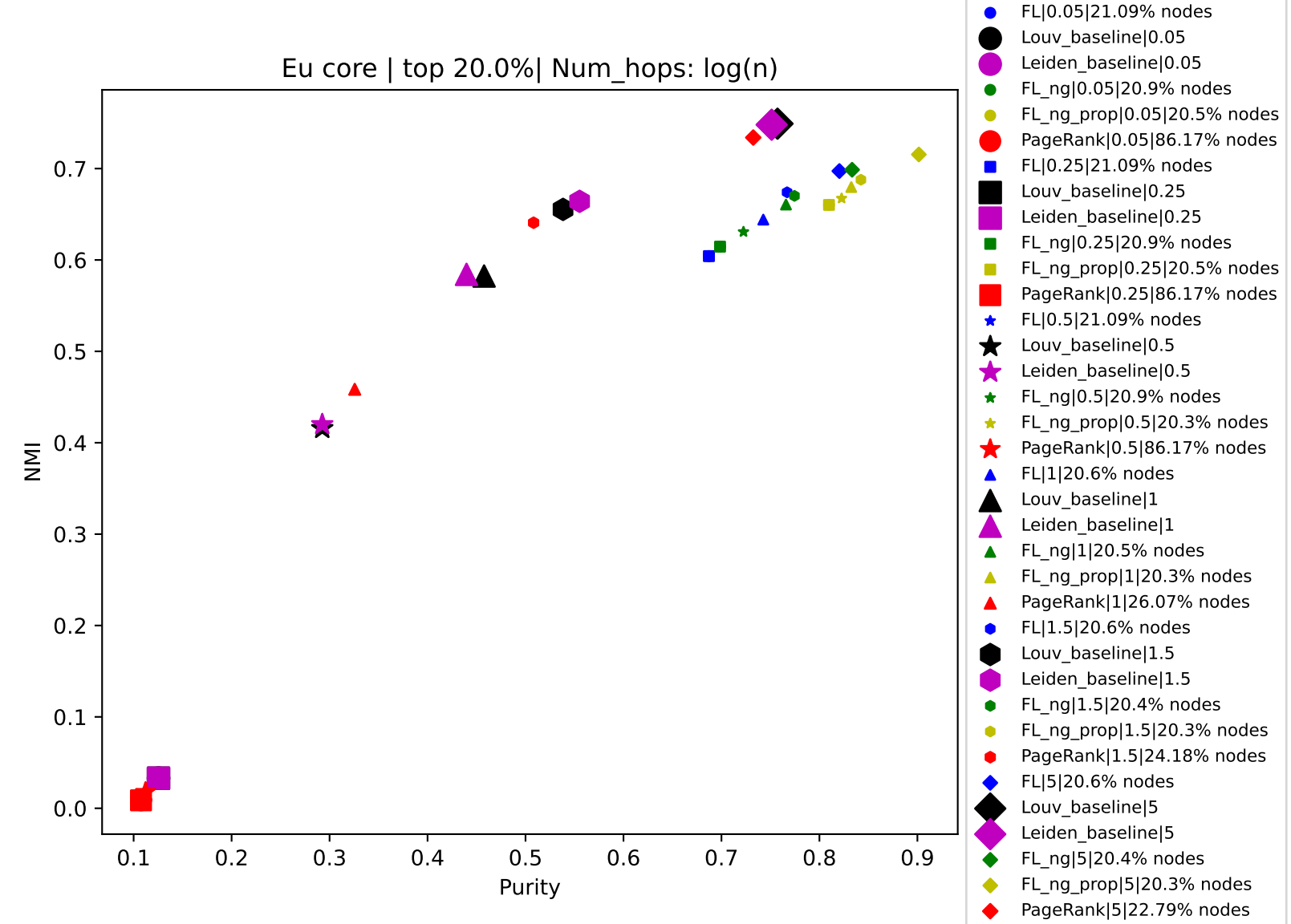

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
FL|21.09% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.9% nodes
FL_ng_prop|20.5% nodes
PageRank|86.17% nodes
NMI
Purity

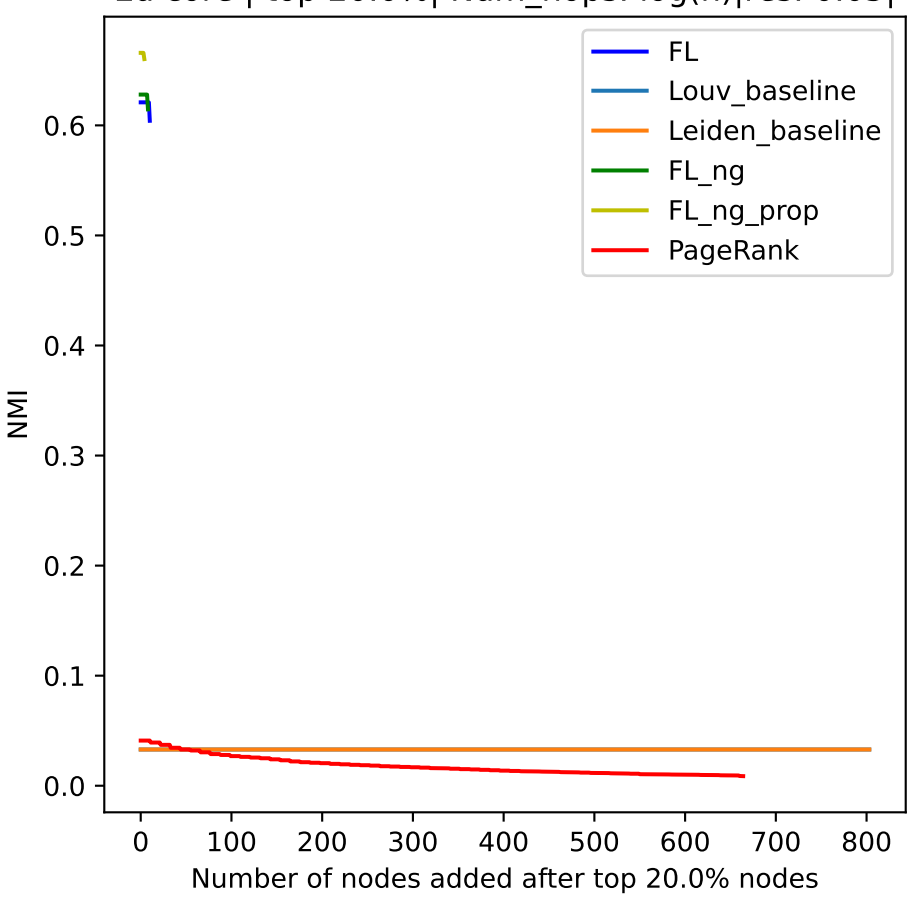

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
FL|21.09% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.9% nodes
FL_ng_prop|20.3% nodes
PageRank|86.17% nodes
NMI
Purity

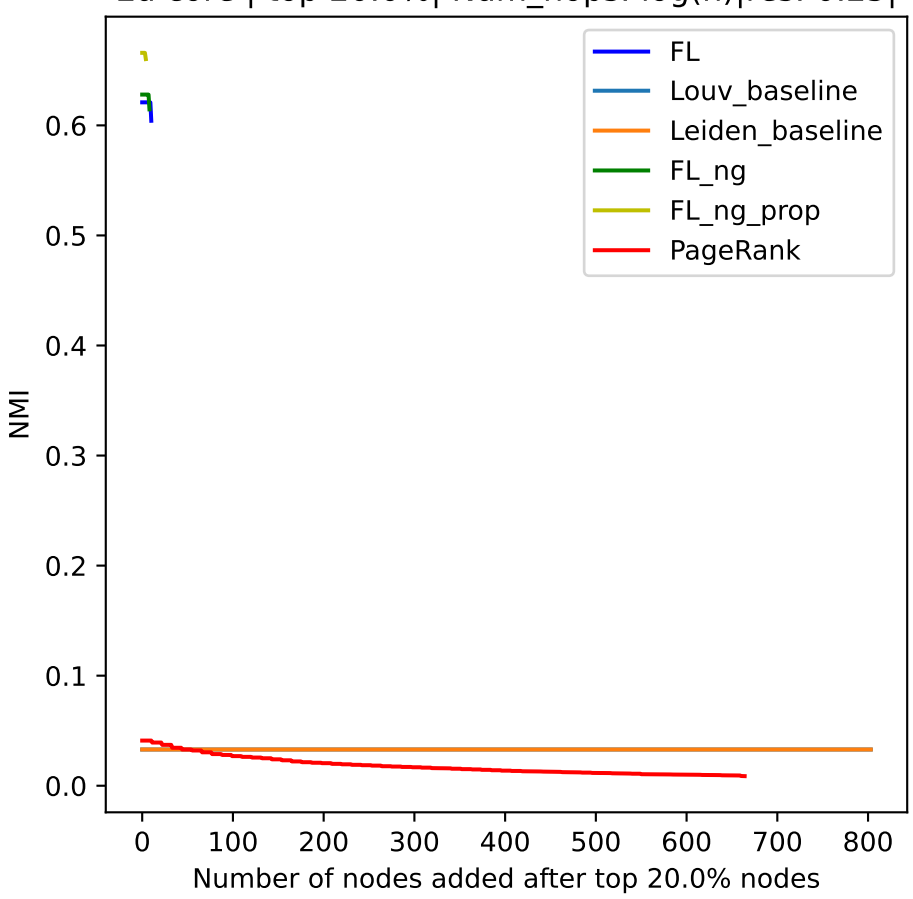

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
FL|20.6% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.5% nodes
FL_ng_prop|20.3% nodes
PageRank|26.07% nodes
NMI
Purity

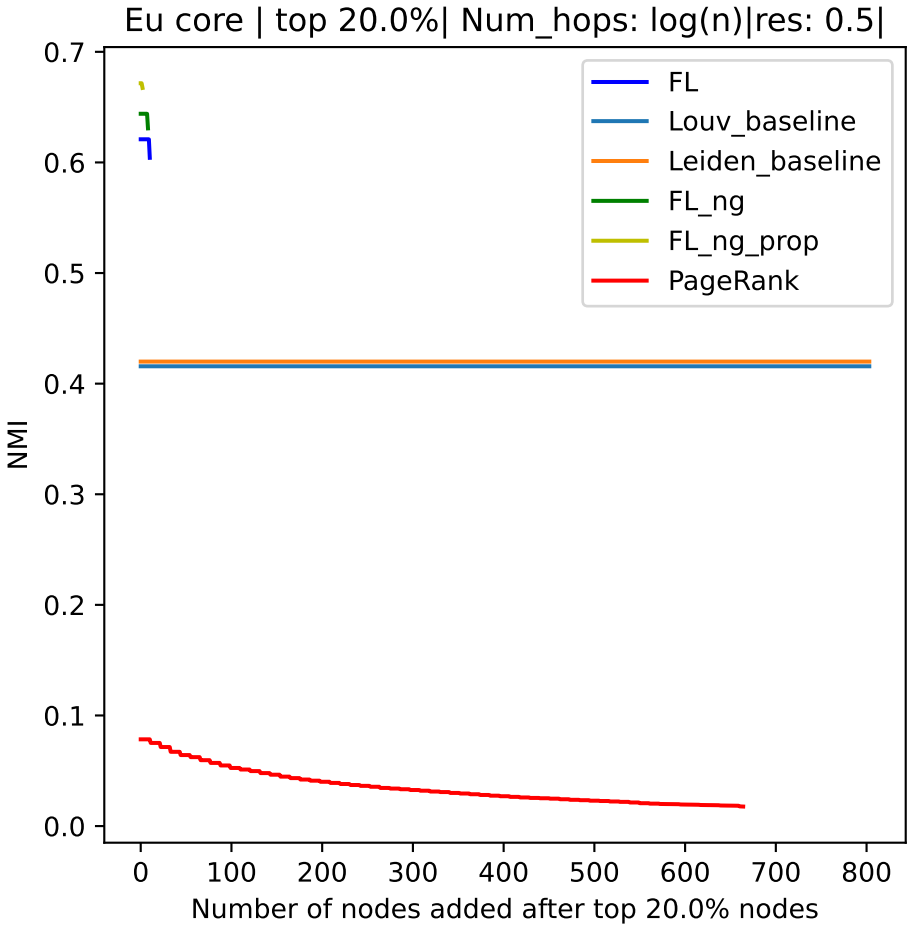

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
FL|20.6% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.4% nodes
FL_ng_prop|20.3% nodes
PageRank|24.18% nodes
NMI
Purity

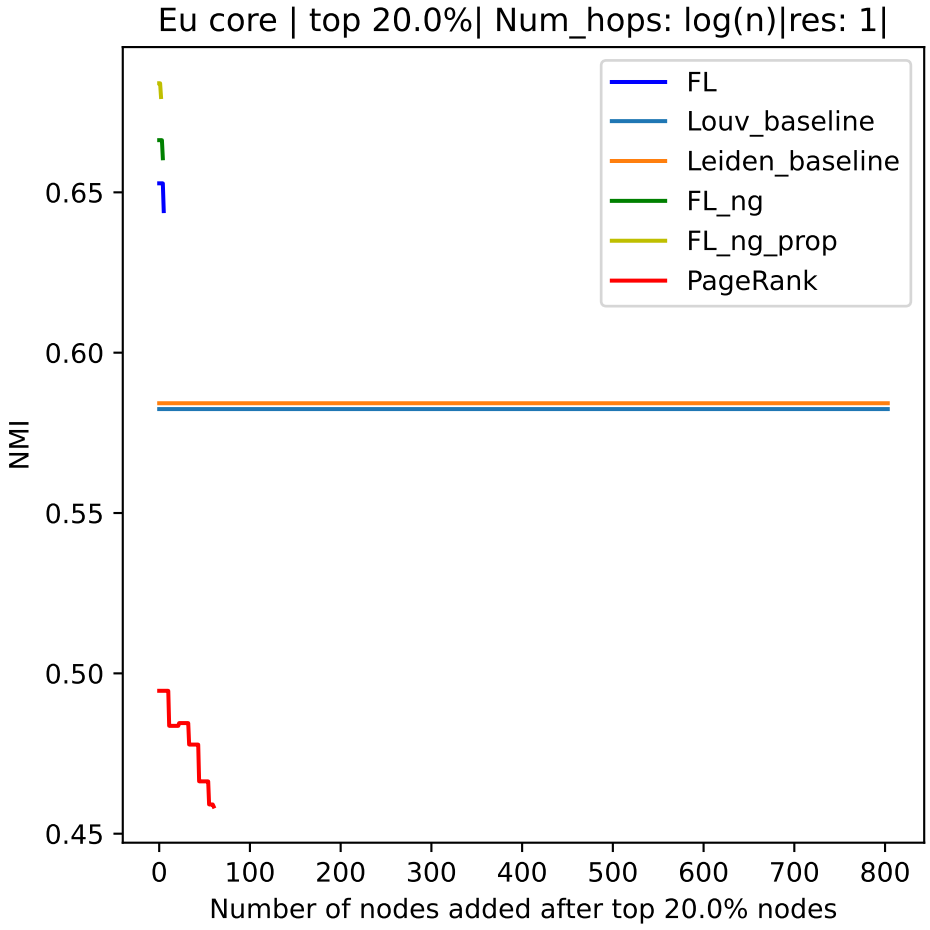

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
FL|20.6% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.4% nodes
FL_ng_prop|20.3% nodes
PageRank|22.79% nodes
NMI
Purity

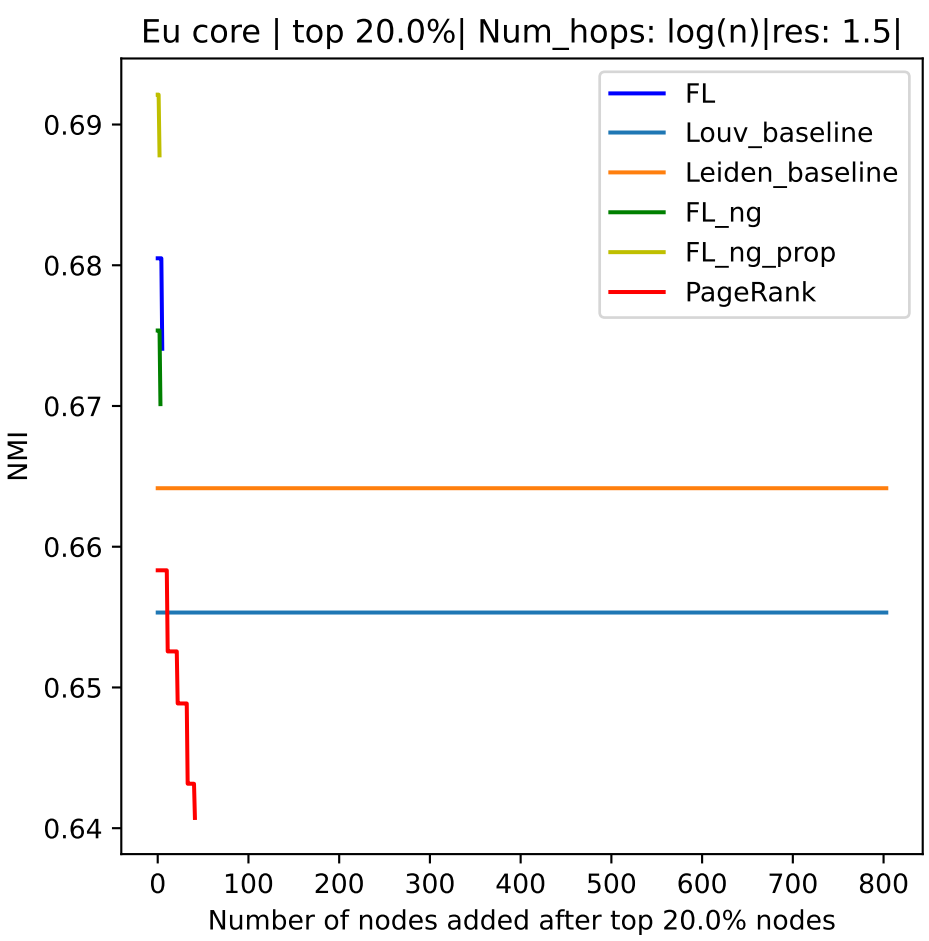

Eu core | top 20.0%| Num_hops: log(n)
NMI
Purity
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
FL|0.05|21.09% nodes
Louv_baseline|0.05
Leiden_baseline|0.05
FL_ng|0.05|20.9% nodes
FL_ng_prop|0.05|20.5% nodes
PageRank|0.05|86.17% nodes
FL|0.25|21.09% nodes
Louv_baseline|0.25
Leiden_baseline|0.25
FL_ng|0.25|20.9% nodes
FL_ng_prop|0.25|20.5% nodes
PageRank|0.25|86.17% nodes
FL|0.5|21.09% nodes
Louv_baseline|0.5
Leiden_baseline|0.5
FL_ng|0.5|20.9% nodes
FL_ng_prop|0.5|20.3% nodes
PageRank|0.5|86.17% nodes
FL|1|20.6% nodes
Louv_baseline|1
Leiden_baseline|1
FL_ng|1|20.5% nodes
FL_ng_prop|1|20.3% nodes
PageRank|1|26.07% nodes
FL|1.5|20.6% nodes
Louv_baseline|1.5
Leiden_baseline|1.5
FL_ng|1.5|20.4% nodes
FL_ng_prop|1.5|20.3% nodes
PageRank|1.5|24.18% nodes
FL|5|20.6% nodes
Louv_baseline|5
Leiden_baseline|5
FL_ng|5|20.4% nodes
FL_ng_prop|5|20.3% nodes
PageRank|5|22.79% nodes

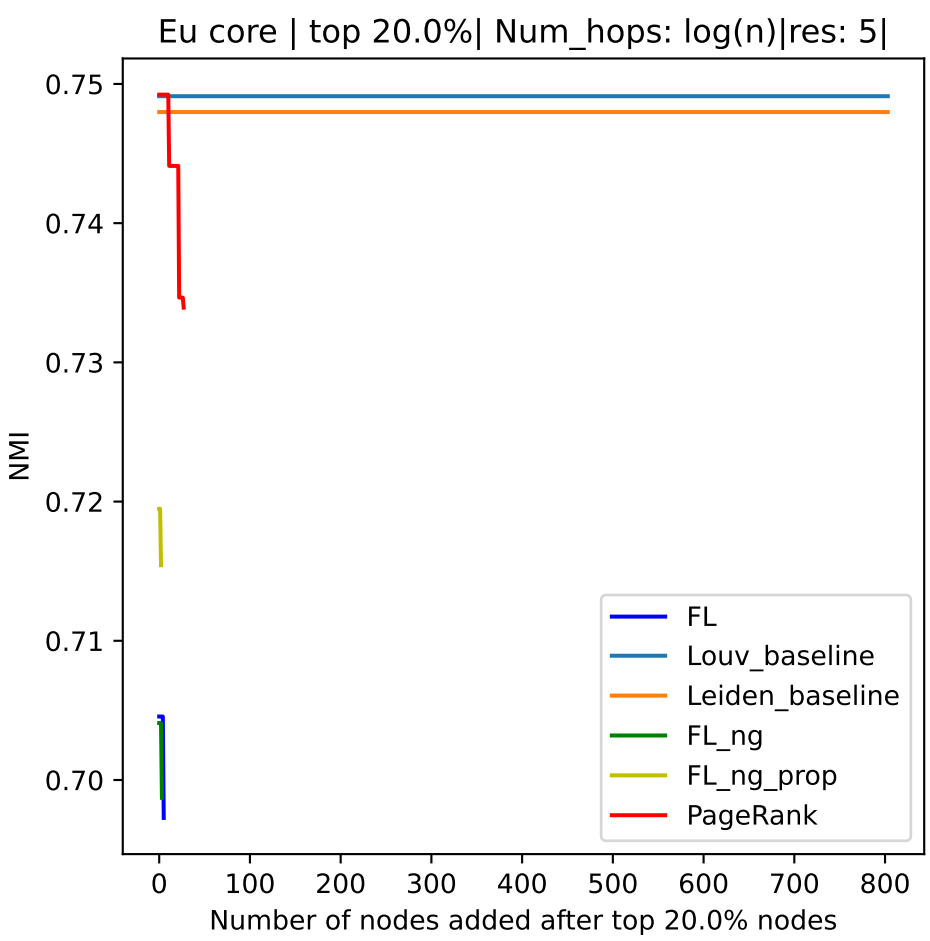

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
NMI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
100
200
300
400
500
600
700
800
Number of nodes added after top 20.0% nodes

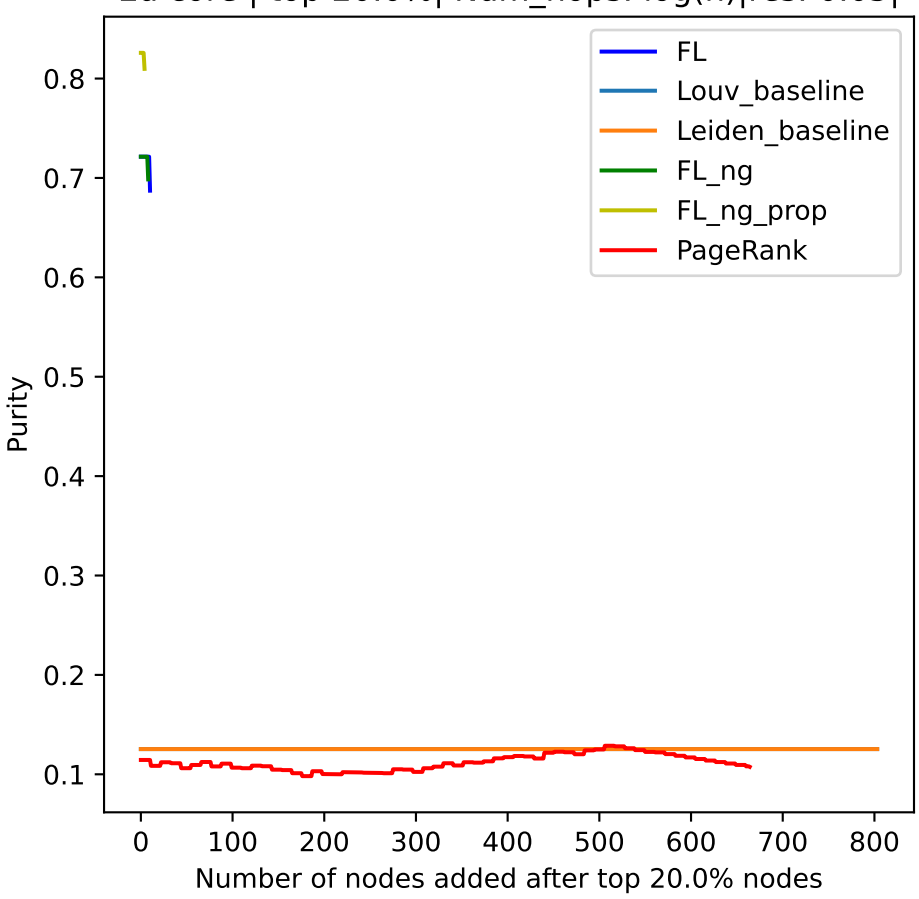

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
NMI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
100
200
300
400
500
600
700
800
Number of nodes added after top 20.0% nodes

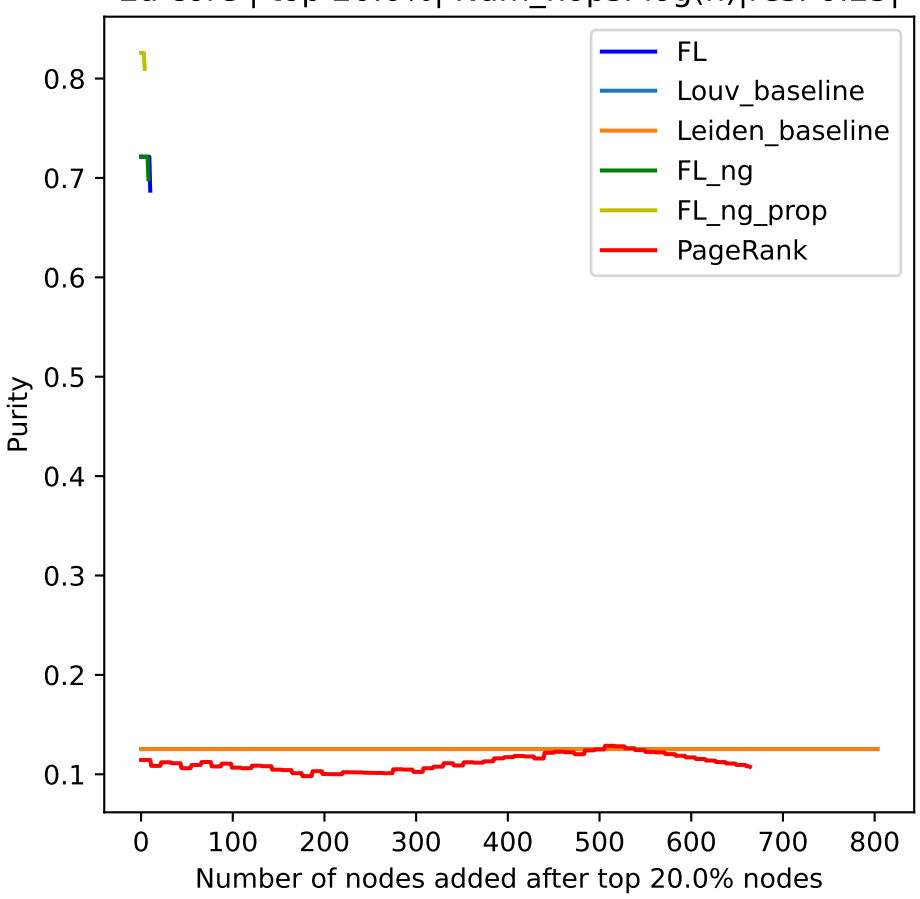

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
NMI
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0
100
200
300
400
500
600
700
800
Number of nodes added after top 20.0% nodes

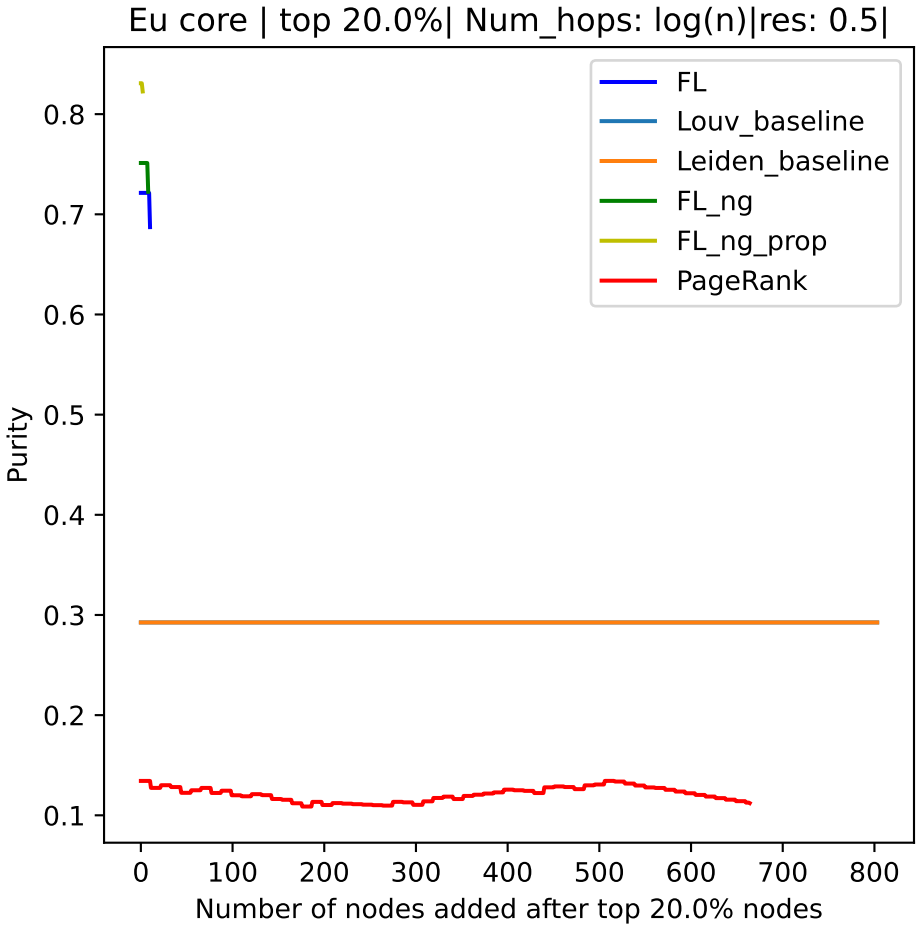

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
NMI
0.45
0.50
0.55
0.60
0.65
0
100
200
300
400
500
600
700
800
Number of nodes added after top 20.0% nodes

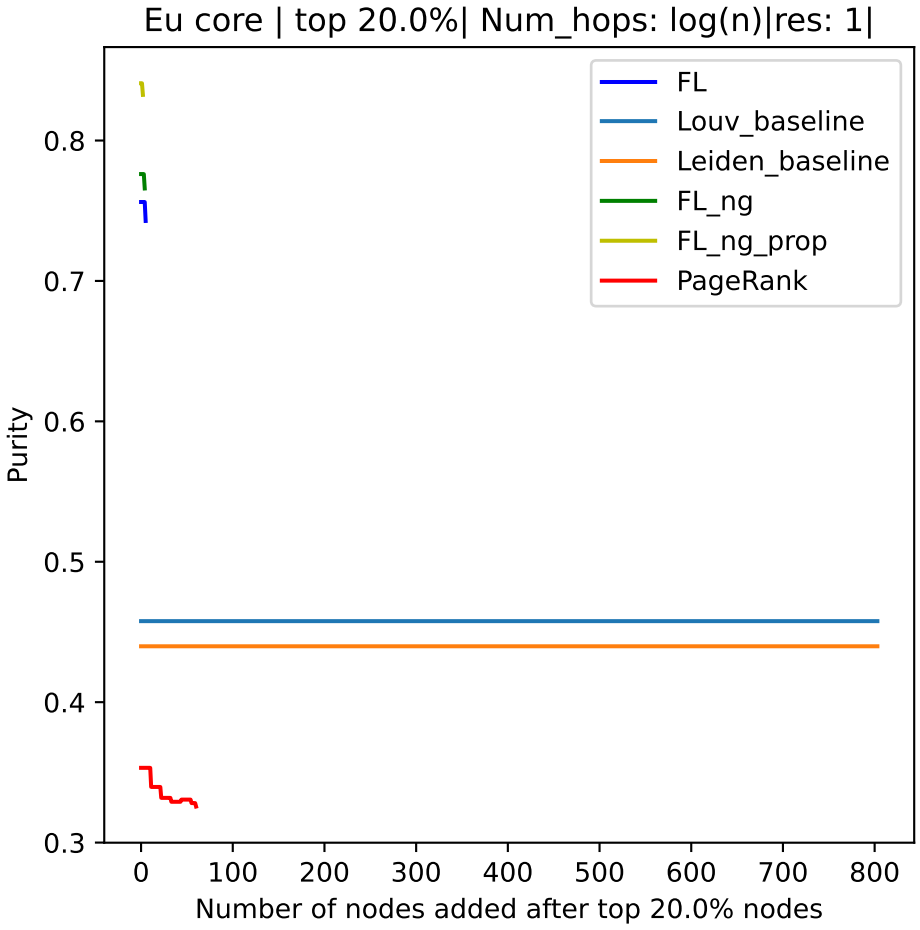

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
NMI
0.64
0.65
0.66
0.67
0.68
0.69
0
100
200
300
400
500
600
700
800
Number of nodes added after top 20.0% nodes

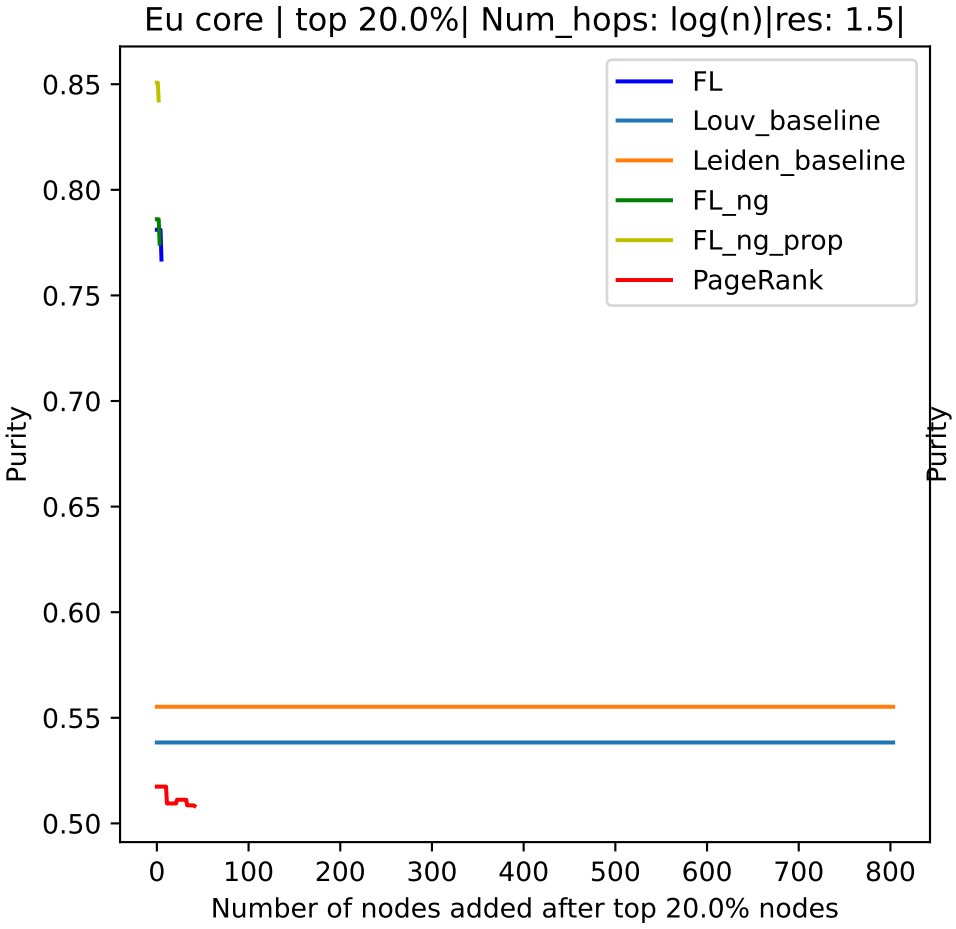

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
NMI
0.70
0.71
0.72
0.73
0.74
0.75
0
100
200
300
400
500
600
700
800
Number of nodes added after top 20.0% nodes

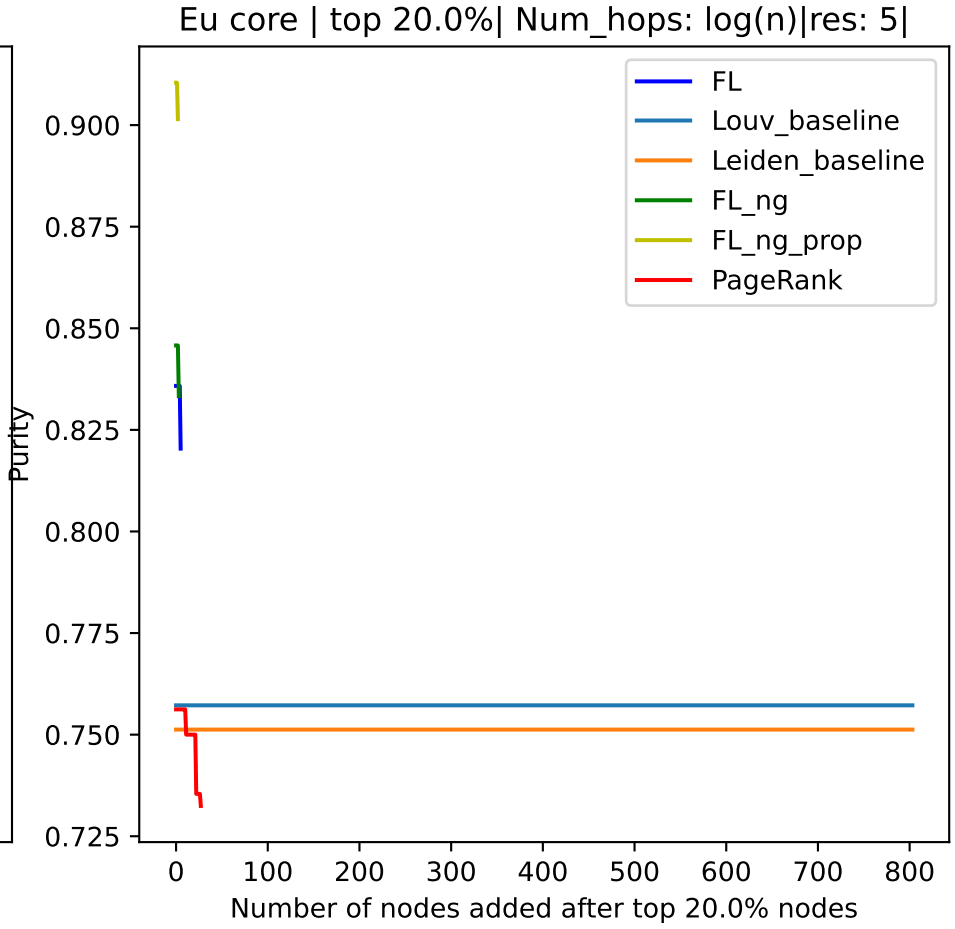

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
Purity
Number of nodes added after top 20.0% nodes

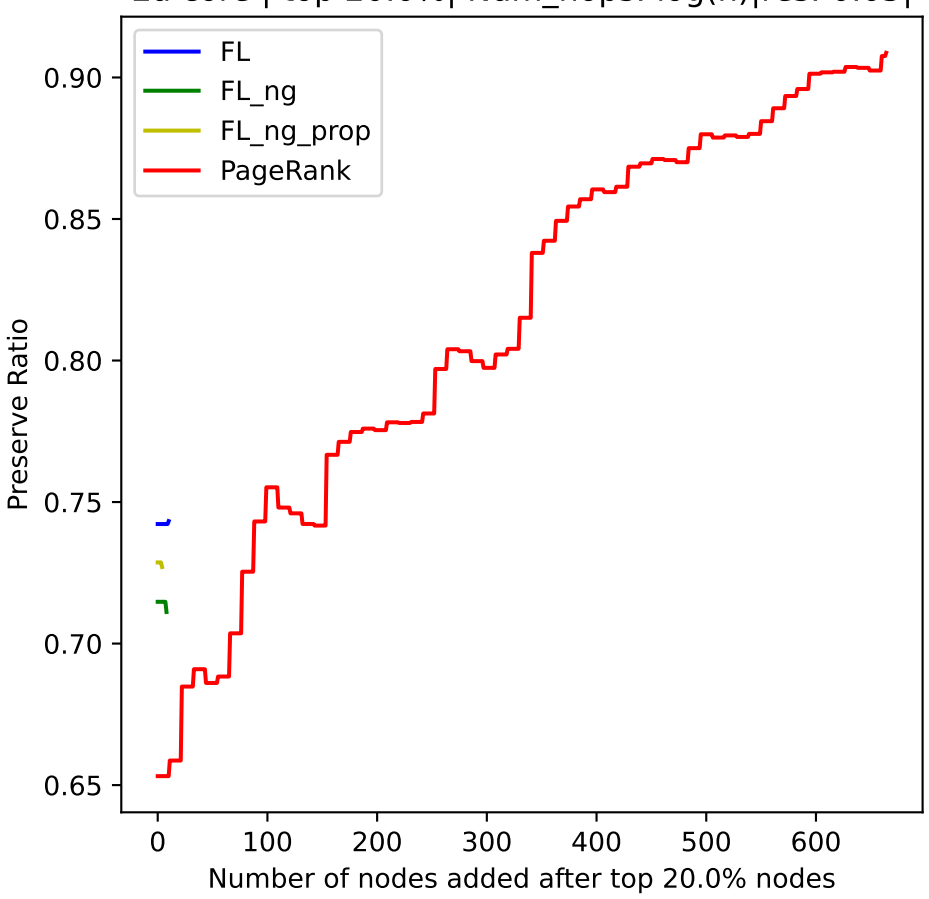

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
Purity
Number of nodes added after top 20.0% nodes

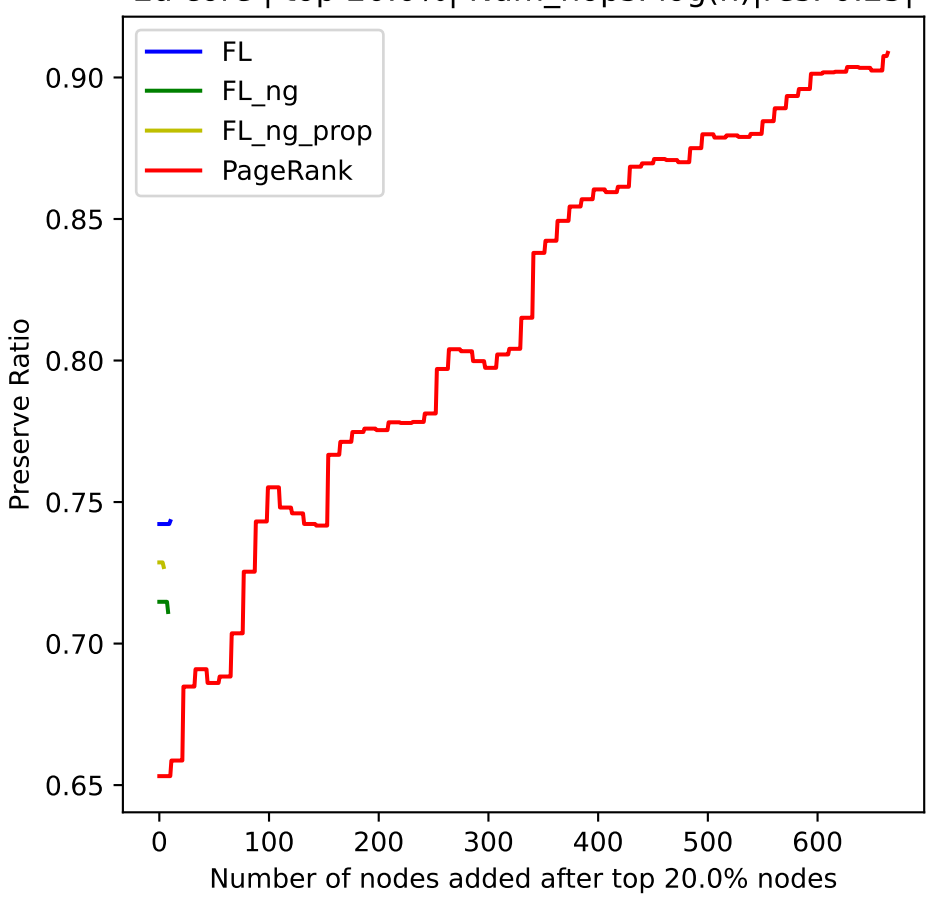

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
Purity
Number of nodes added after top 20.0% nodes

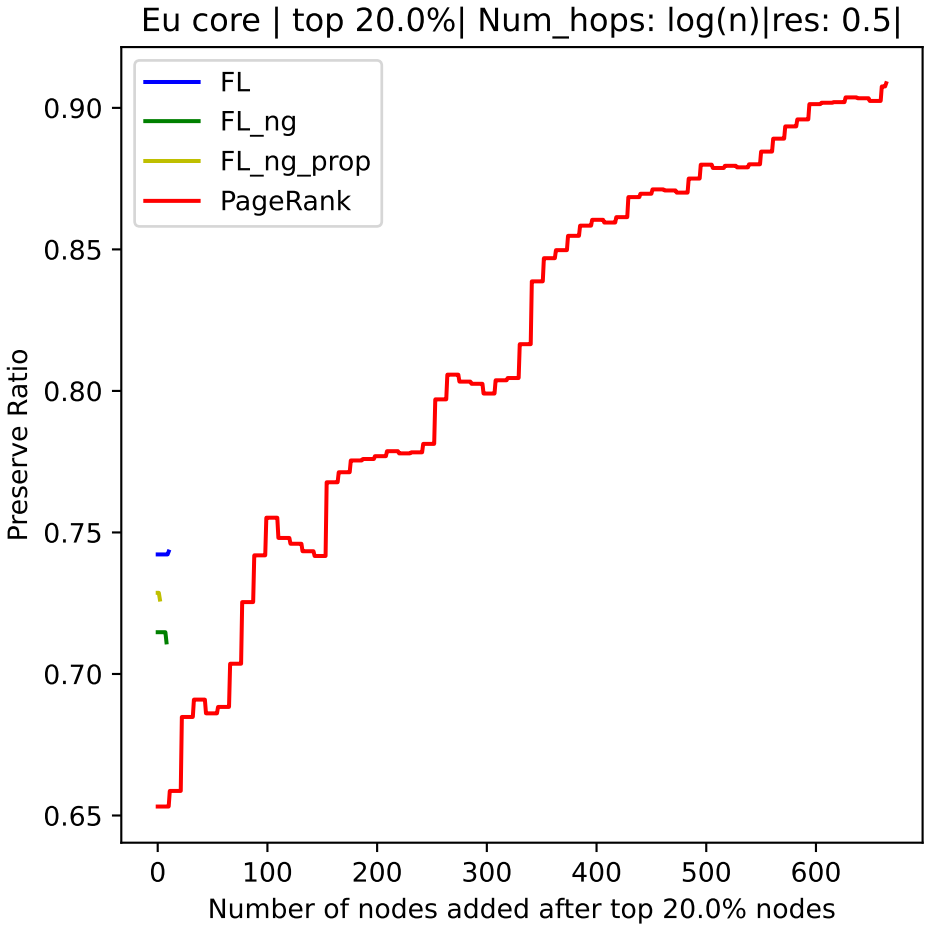

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
Purity
Number of nodes added after top 20.0% nodes

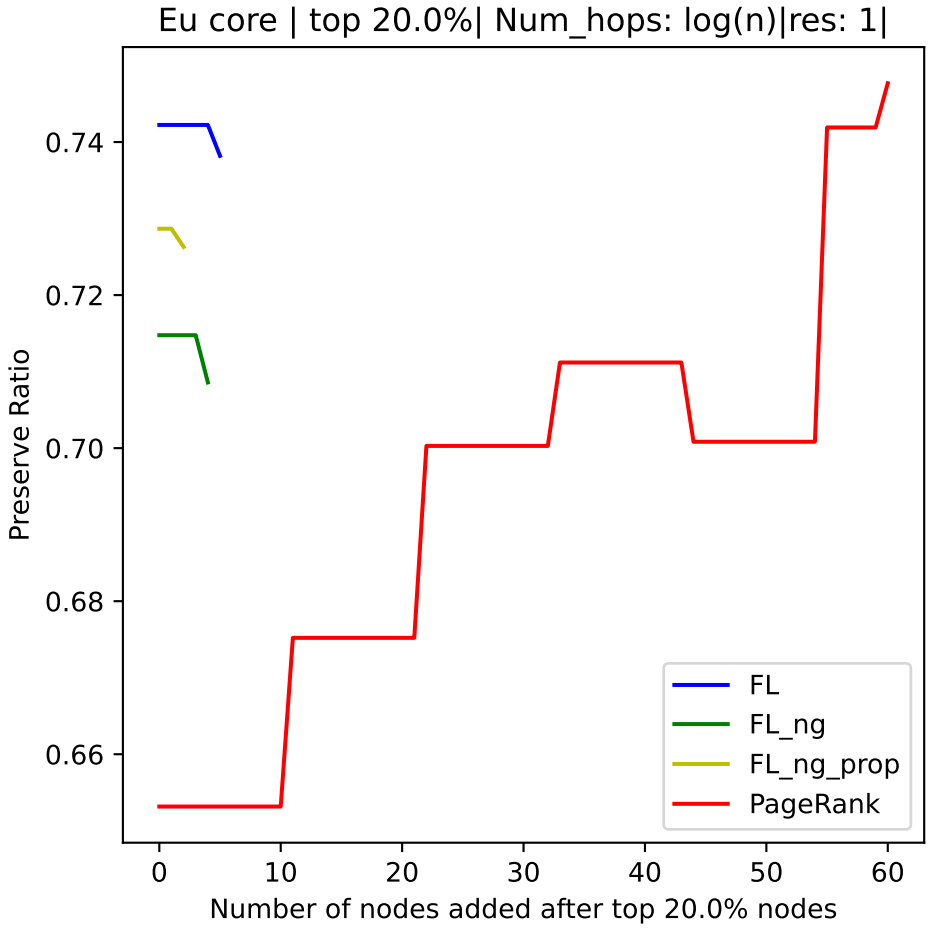

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
Purity
Number of nodes added after top 20.0% nodes

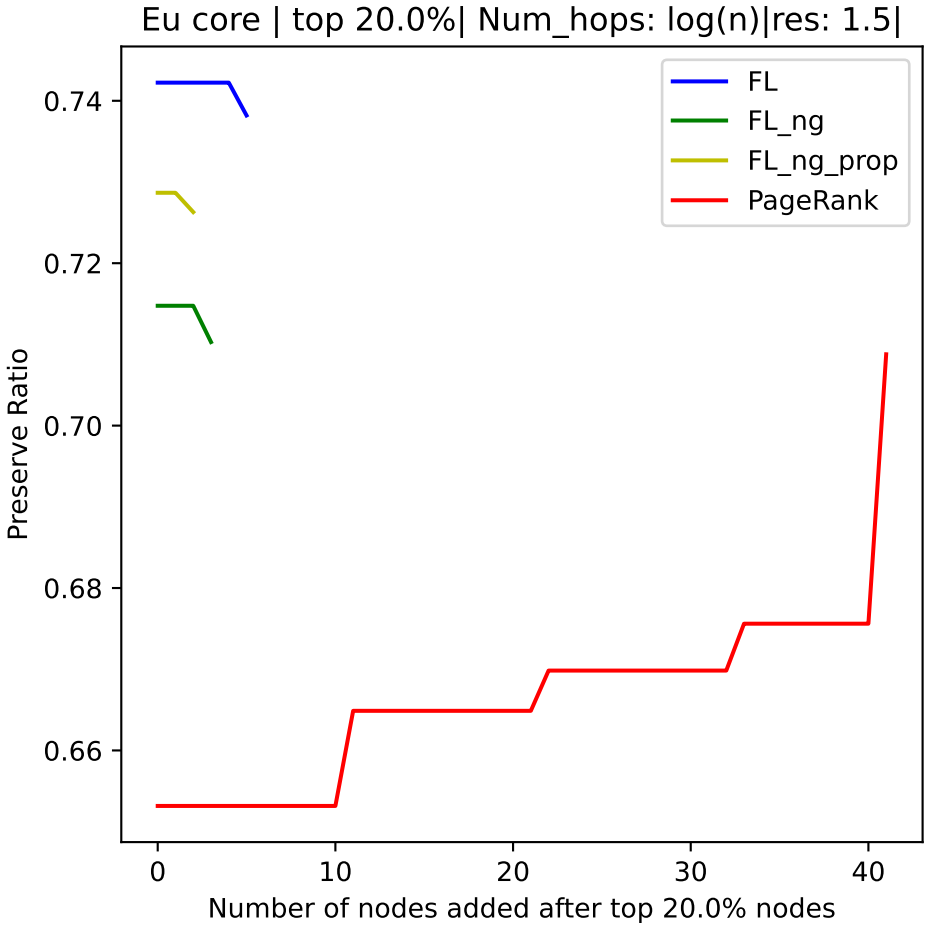

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank
Purity
Number of nodes added after top 20.0% nodes

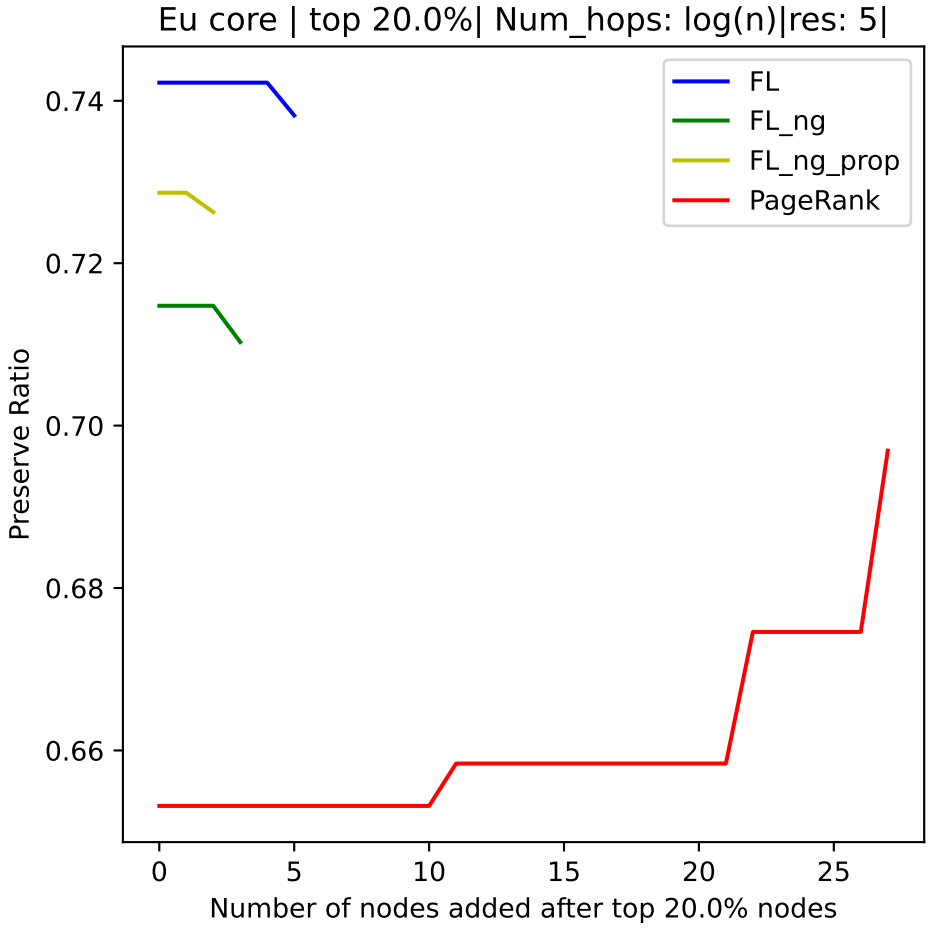

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
FL_ng
FL_ng_prop
PageRank
Preserve Ratio
0.90
0.85
0.80
0.75
0.70
0.65
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes

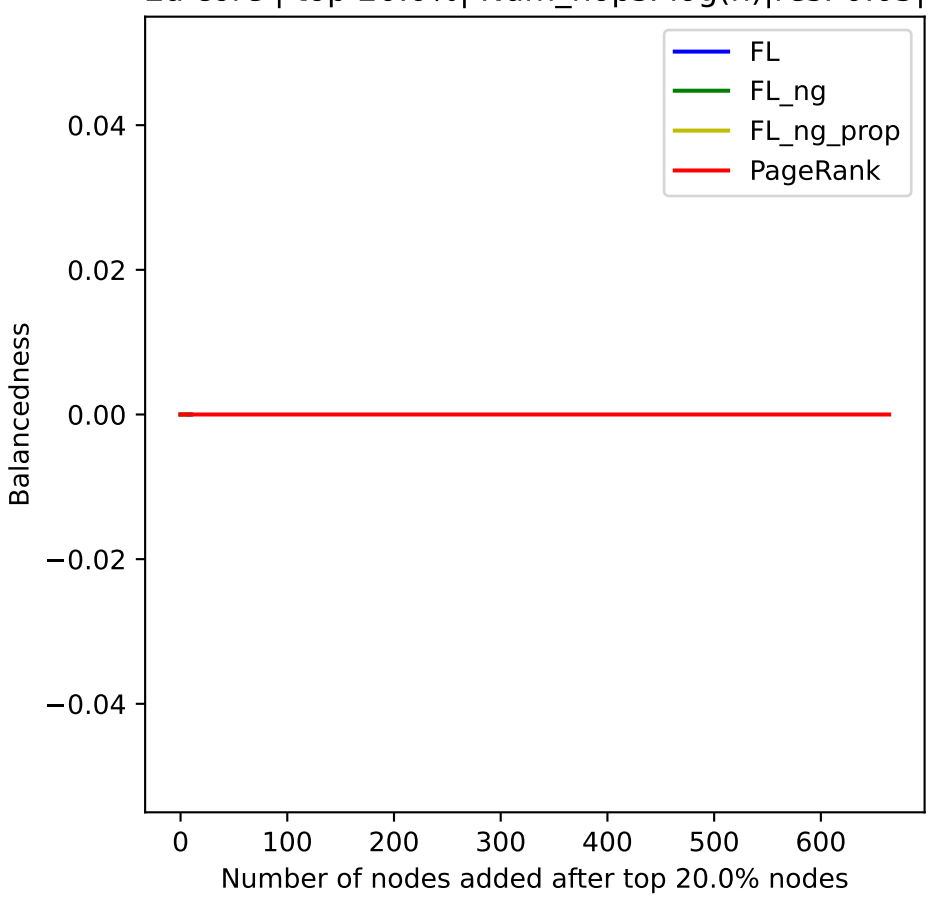

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
FL
FL_ng
FL_ng_prop
PageRank
Preserve Ratio
0.90
0.85
0.80
0.75
0.70
0.65
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes

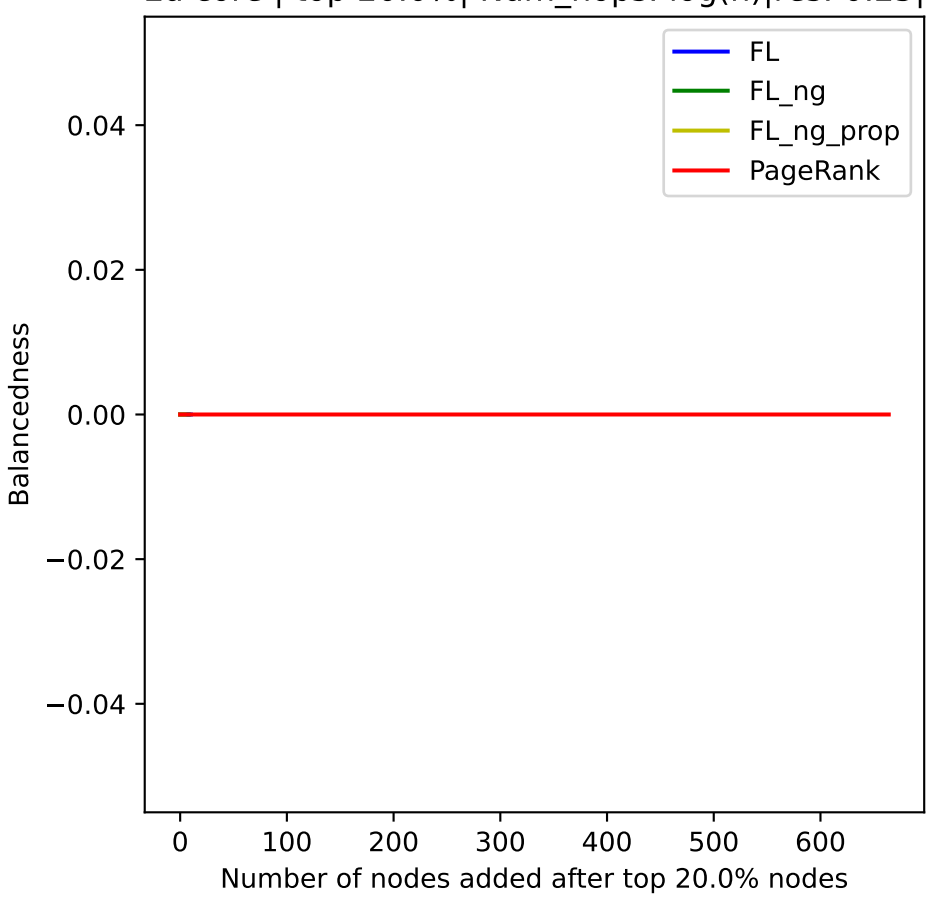

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
FL
FL_ng
FL_ng_prop
PageRank
Preserve Ratio
0.90
0.85
0.80
0.75
0.70
0.65
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes

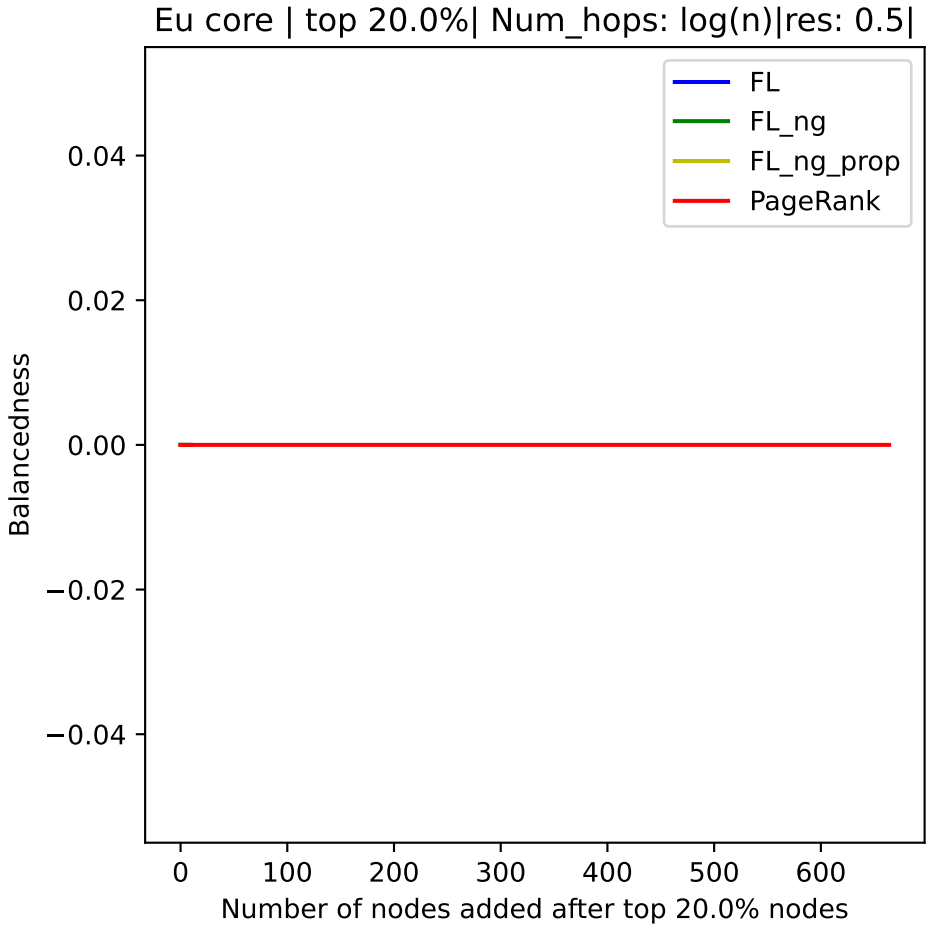

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
FL
FL_ng
FL_ng_prop
PageRank
Preserve Ratio
0.74
0.72
0.70
0.68
0.66
0
10
20
30
40
50
60
Number of nodes added after top 20.0% nodes

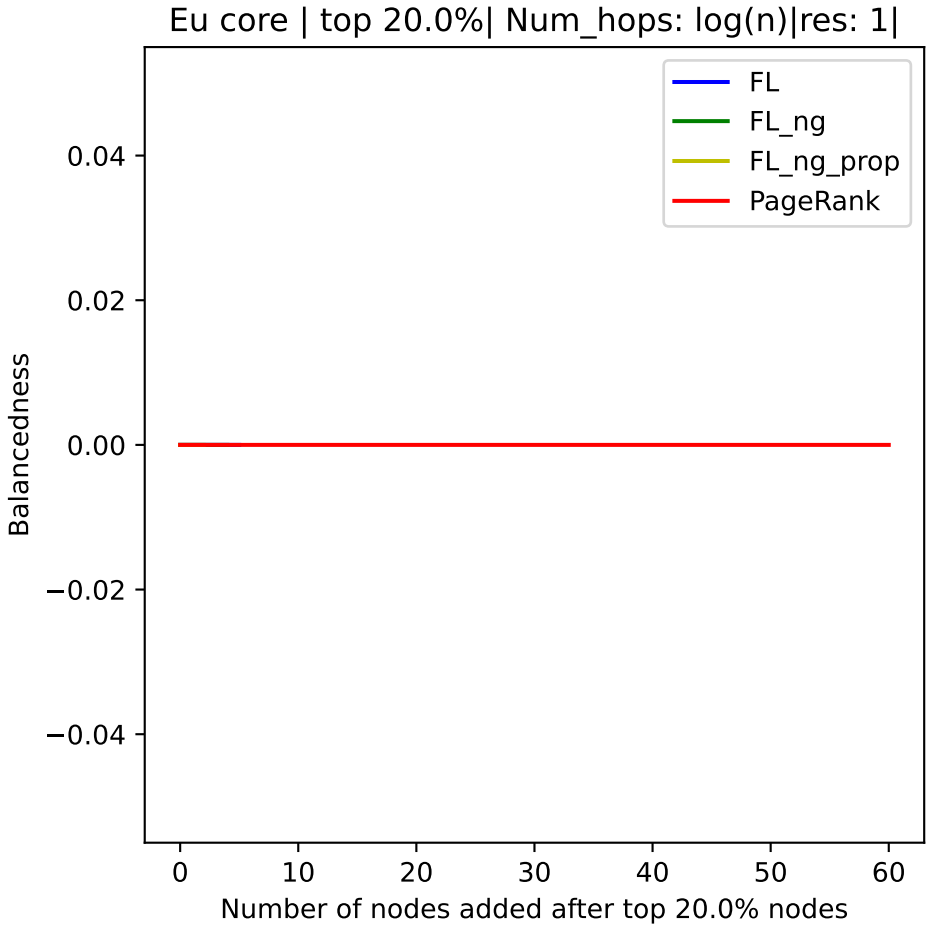

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
FL
FL_ng
FL_ng_prop
PageRank
Preserve Ratio
0.74
0.72
0.70
0.68
0.66
0
10
20
30
40
Number of nodes added after top 20.0% nodes

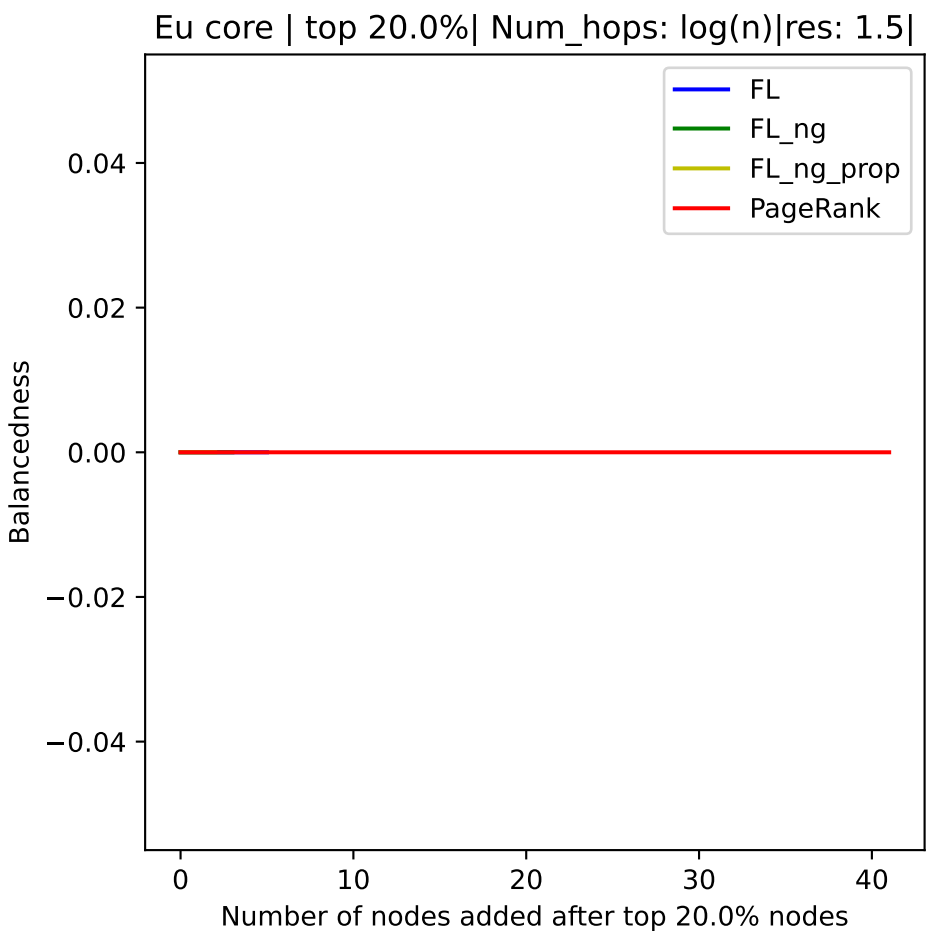

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
FL
FL_ng
FL_ng_prop
PageRank
Preserve Ratio
0.74
0.72
0.70
0.68
0.66
0
5
10
15
20
25
Number of nodes added after top 20.0% nodes

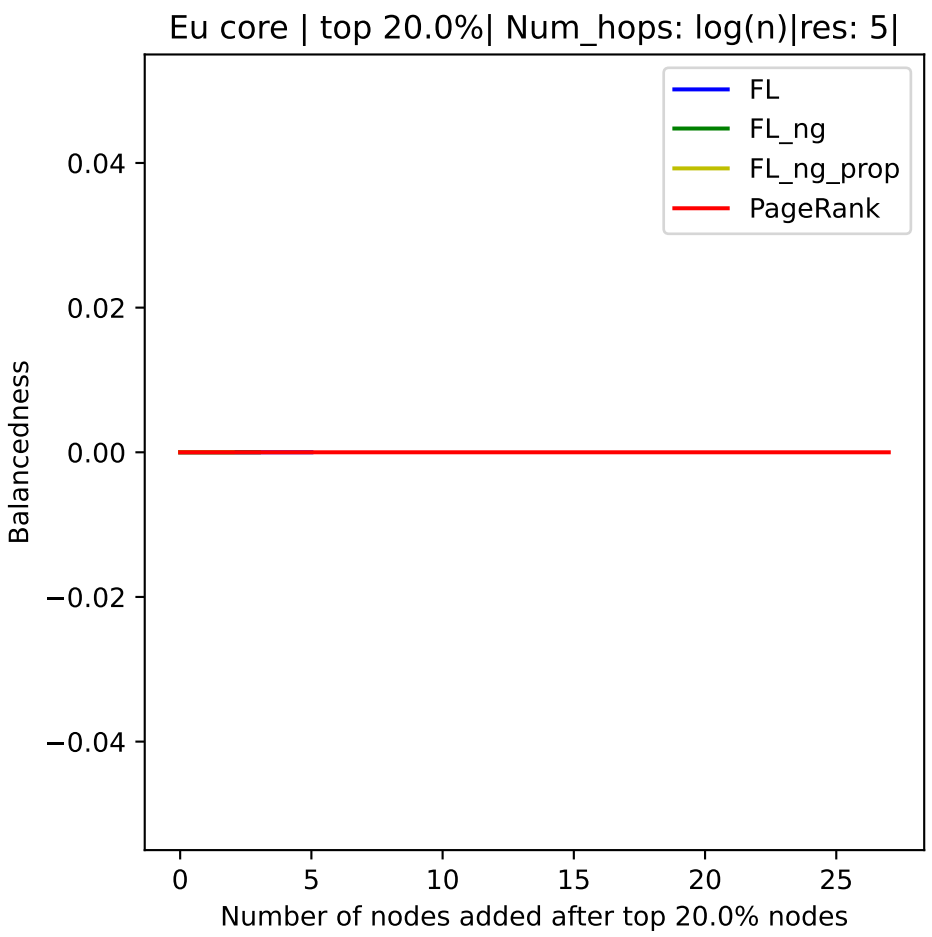

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
FL_ng
FL_ng_prop
PageRank
0.04
0.02
0.00
−0.02
−0.04
Balancedness
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes

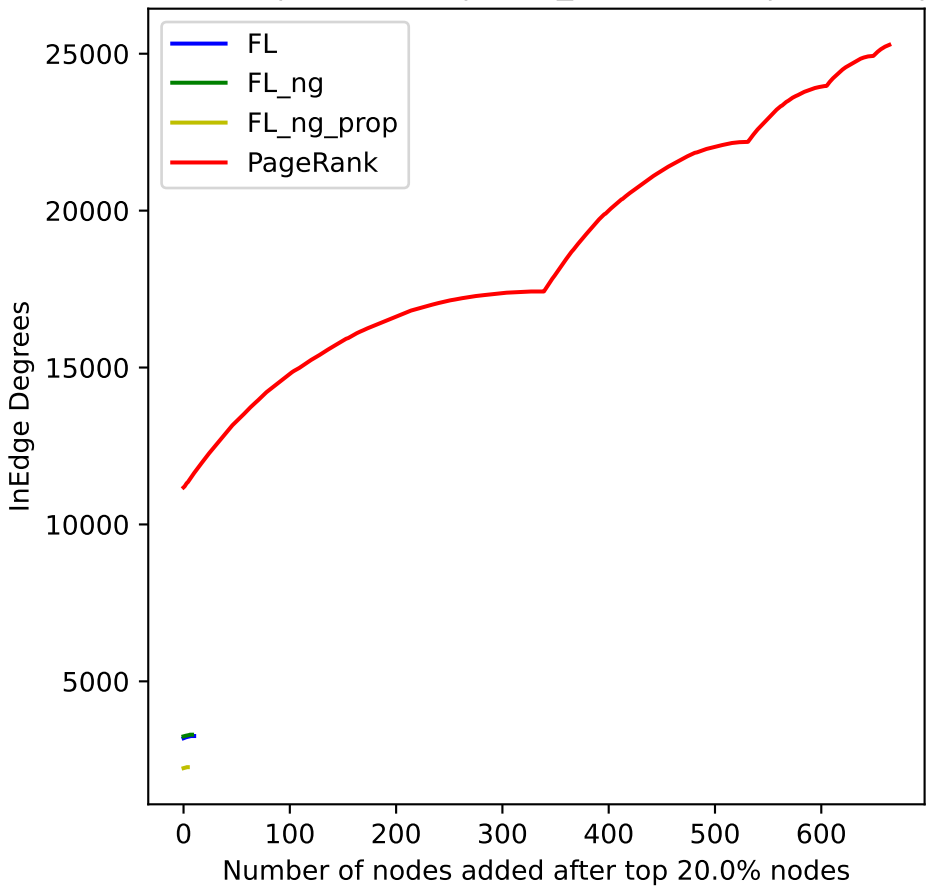

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
FL
FL_ng
FL_ng_prop
PageRank
0.04
0.02
0.00
−0.02
−0.04
Balancedness
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes

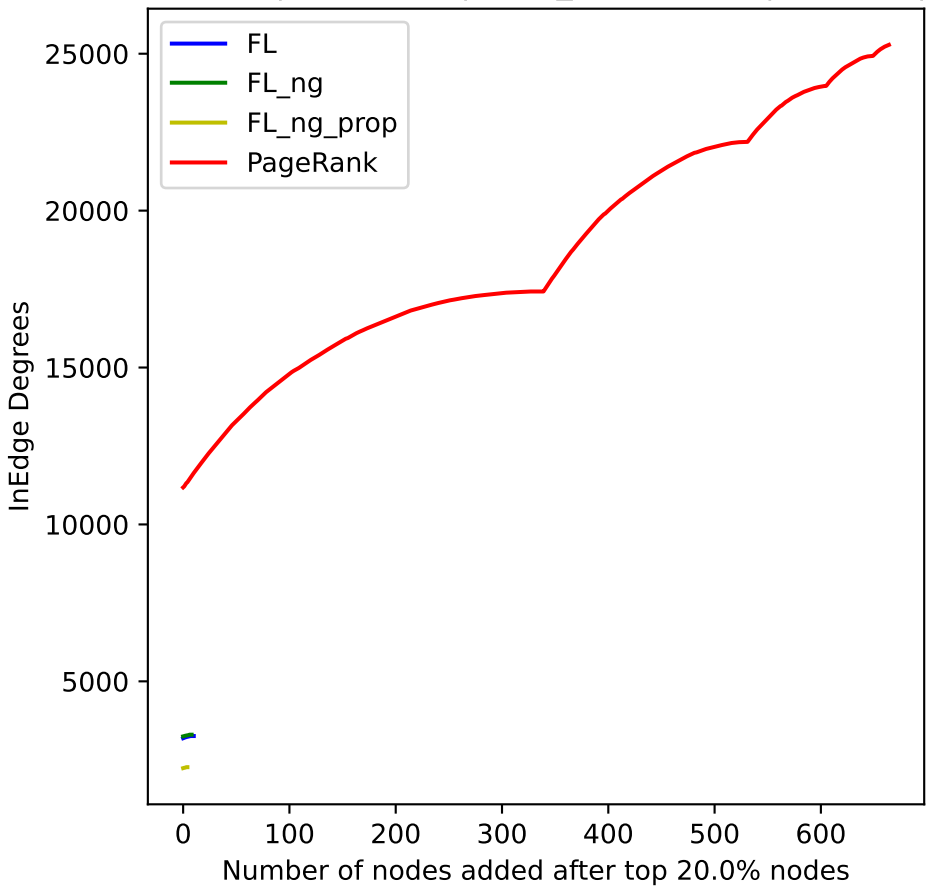

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
FL
FL_ng
FL_ng_prop
PageRank
0.04
0.02
0.00
−0.02
−0.04
ancedness
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes

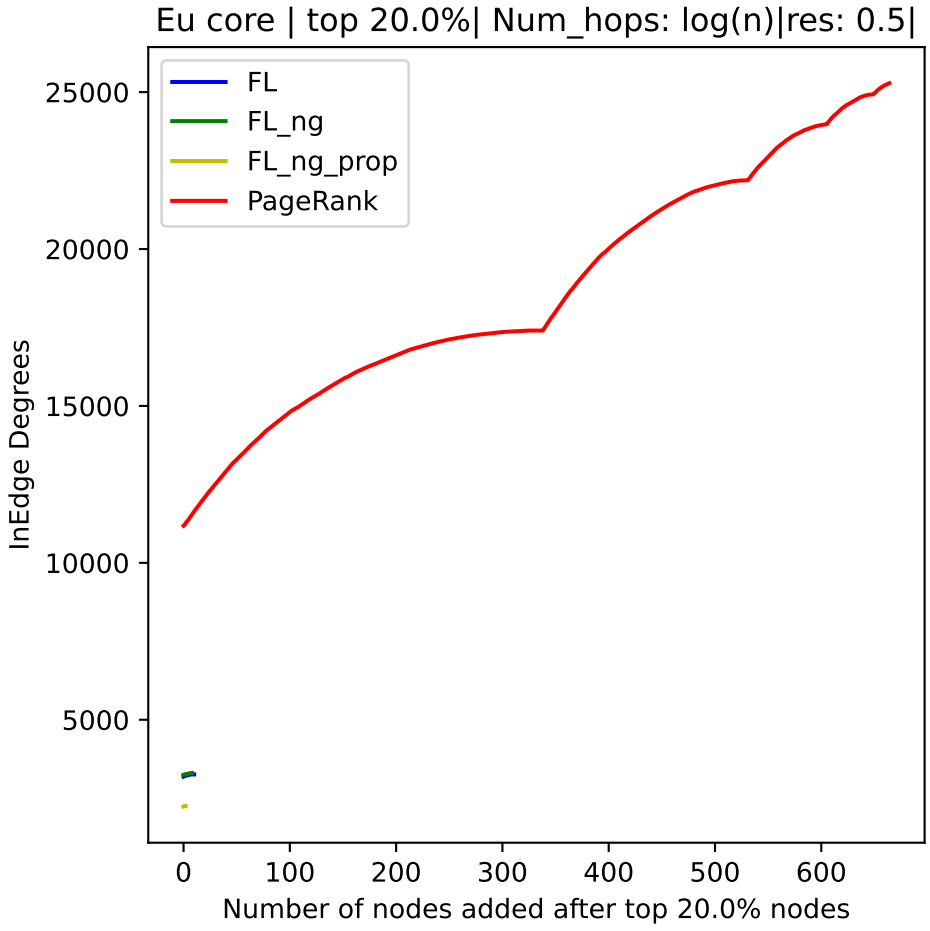

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
FL
FL_ng
FL_ng_prop
PageRank
0.04
0.02
0.00
−0.02
−0.04
ancedness
0
10
20
30
40
50
60
Number of nodes added after top 20.0% nodes

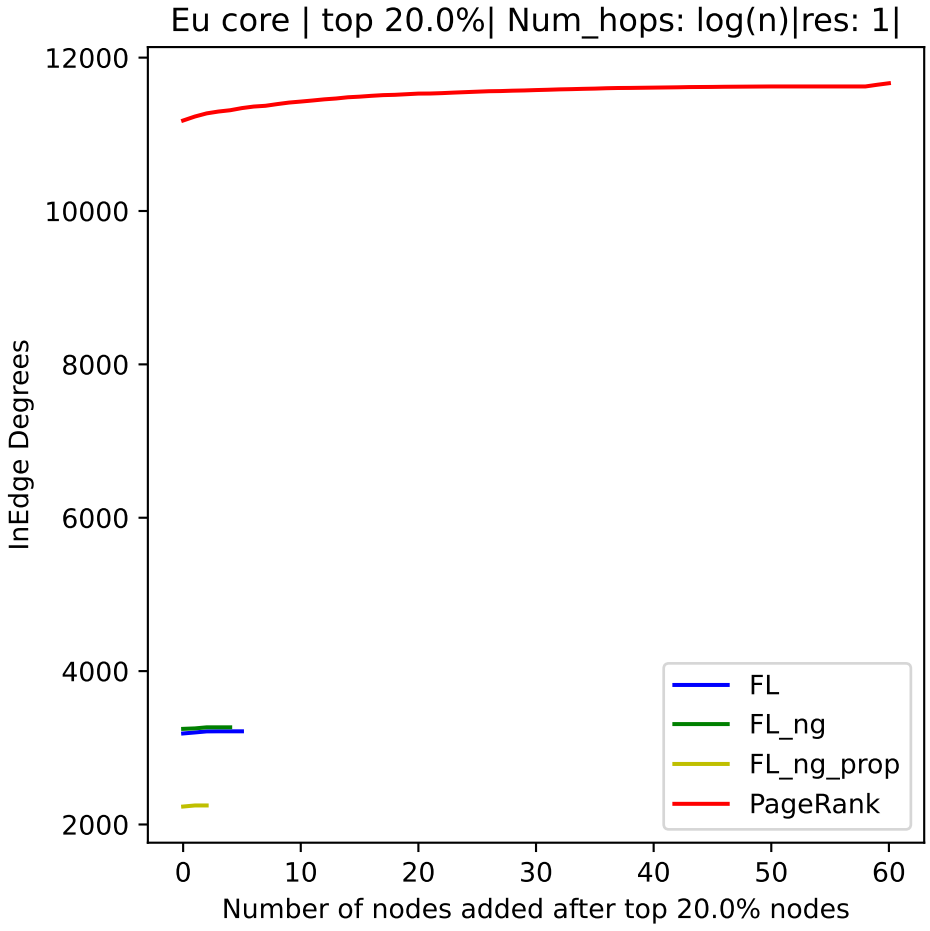

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
FL
FL_ng
FL_ng_prop
PageRank
0.04
0.02
0.00
−0.02
−0.04
Balancedness
0
10
20
30
40
Number of nodes added after top 20.0% nodes

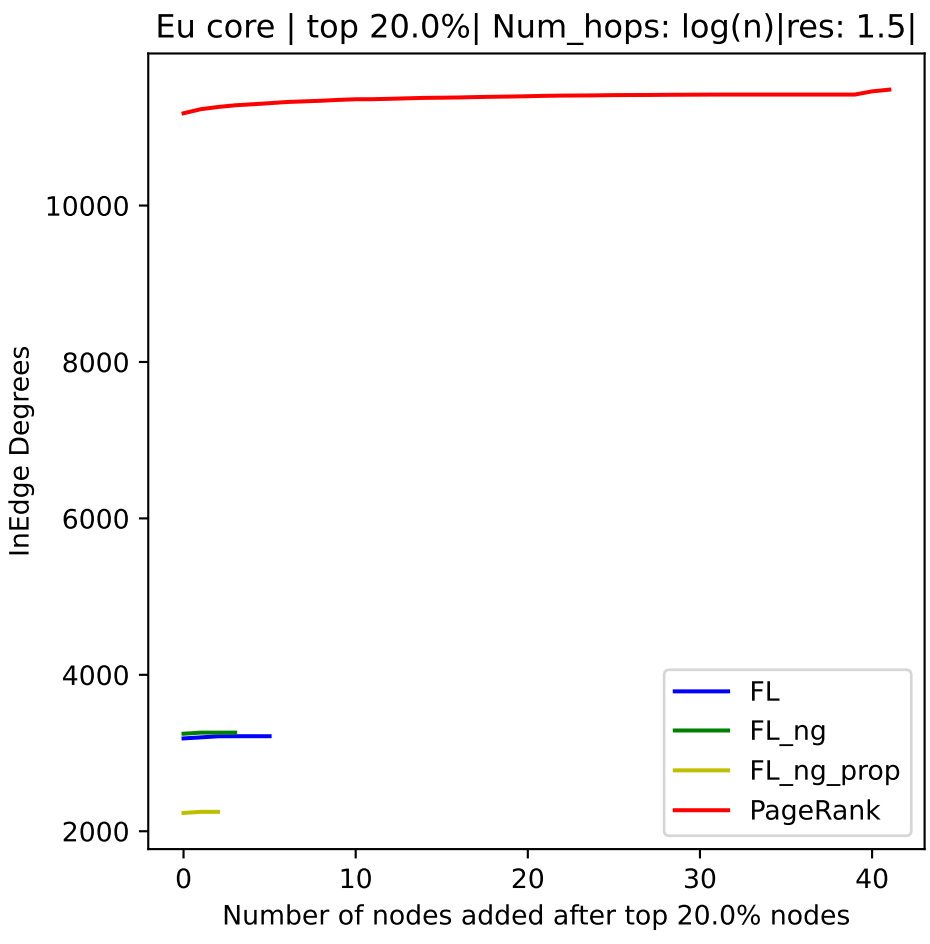

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
FL
FL_ng
FL_ng_prop
PageRank
0.04
0.02
0.00
−0.02
−0.04
Balancedness
0
5
10
15
20
25
Number of nodes added after top 20.0% nodes

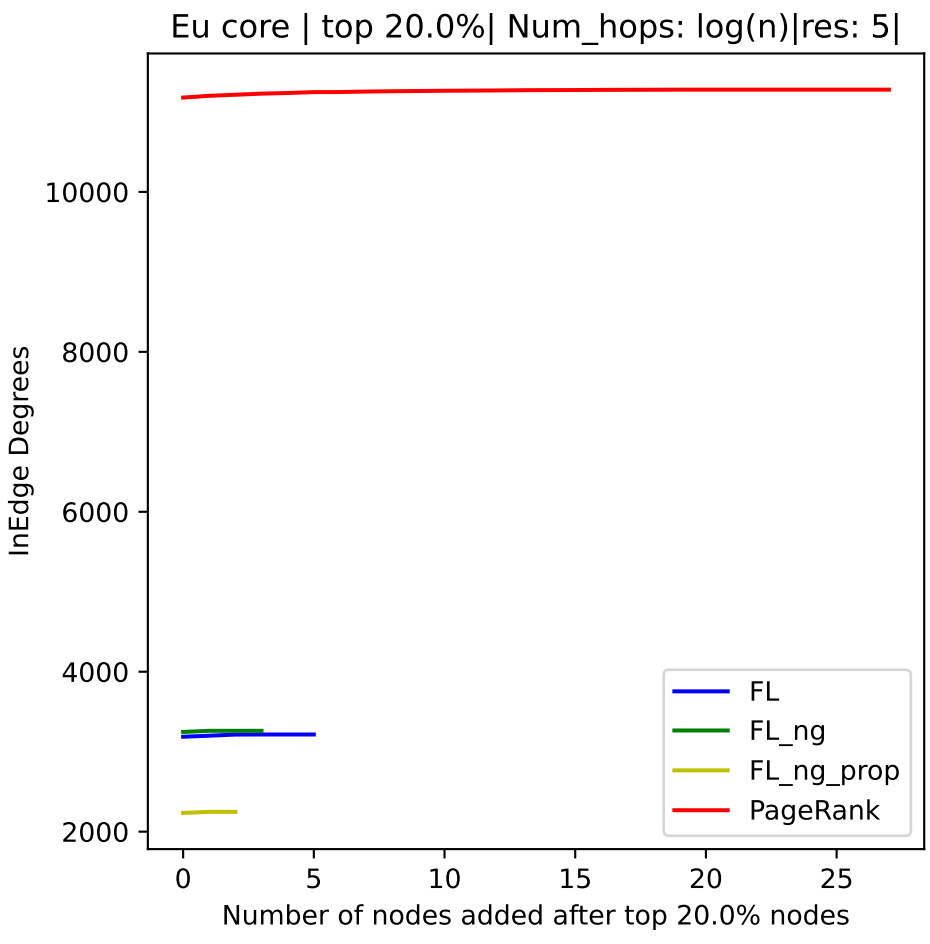

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
Number of nodes added after top 20.0% nodes


Eu core | 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


Eu core | 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


Eu core | 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


Eu core | 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


Eu core | 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