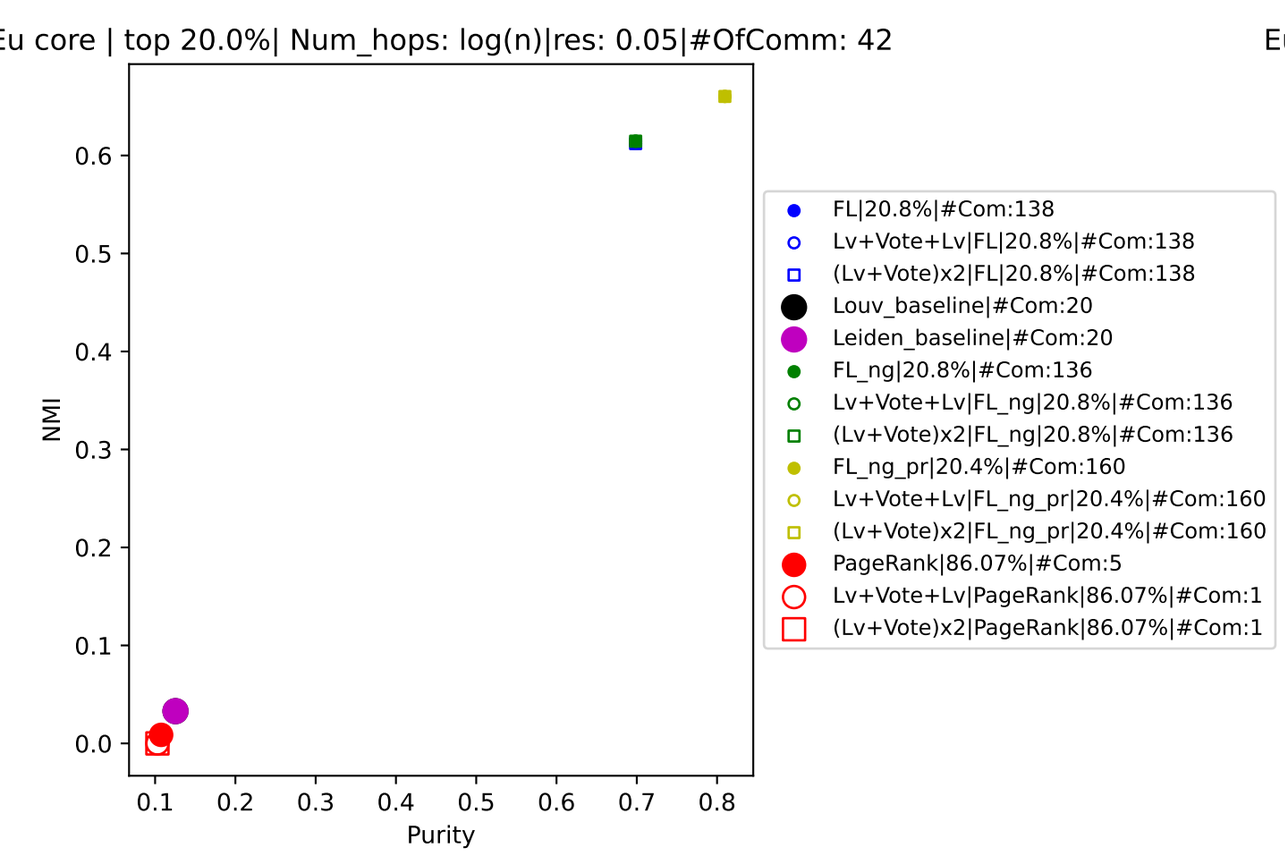
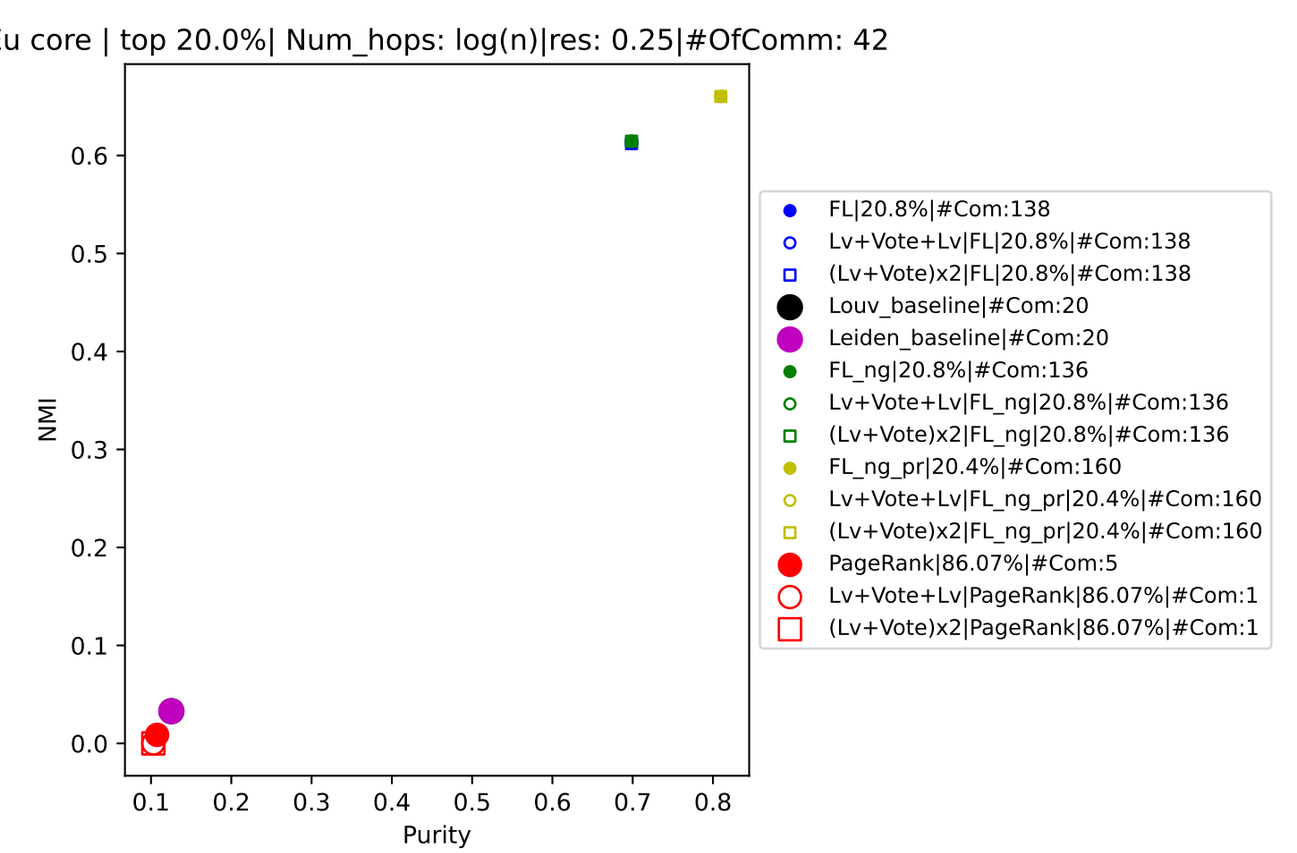
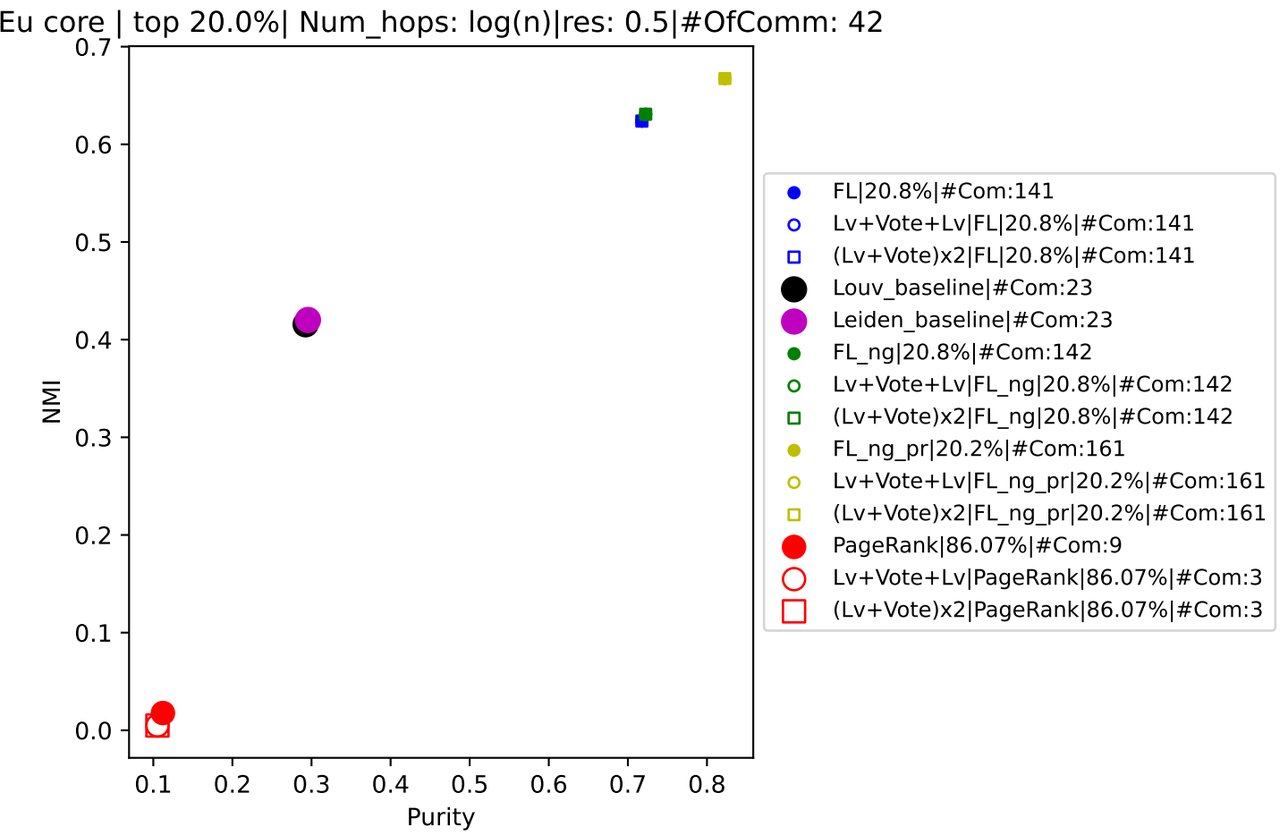
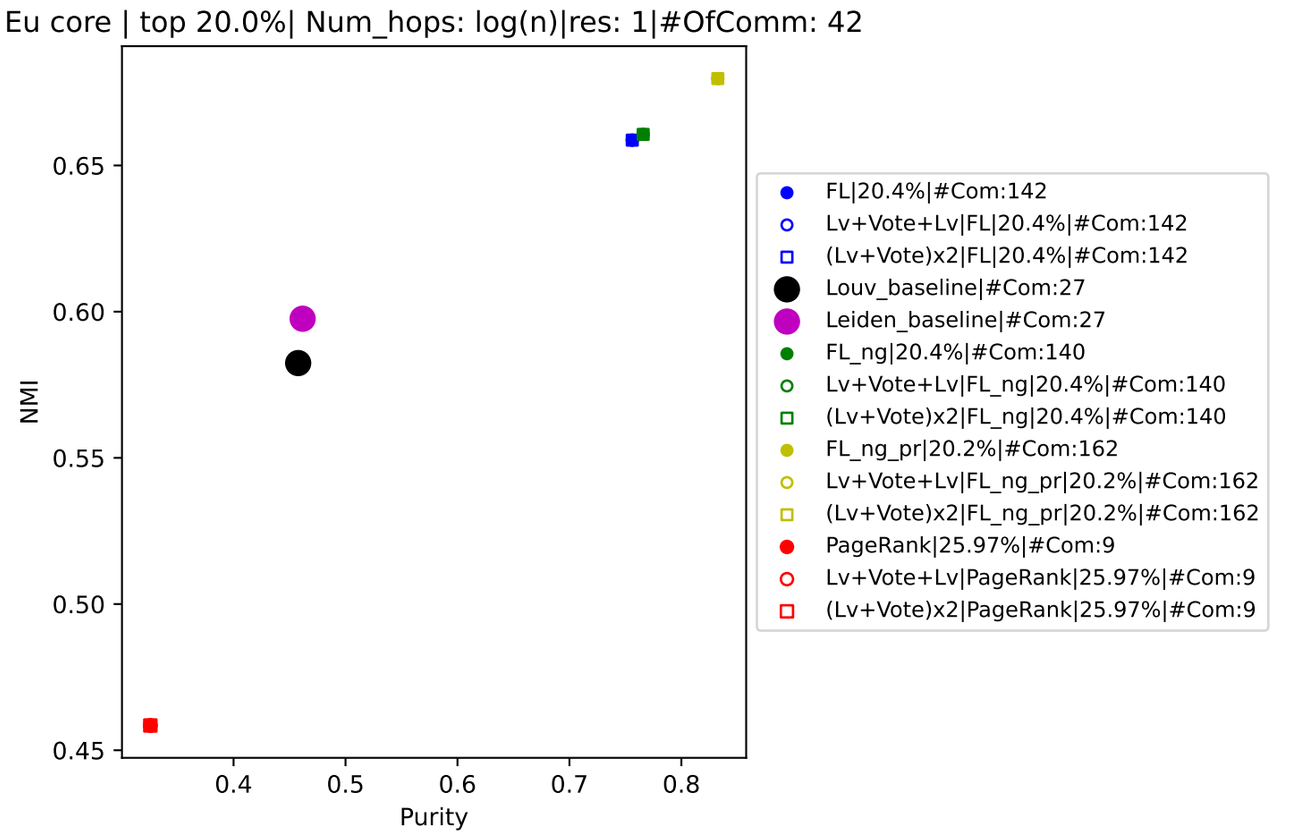
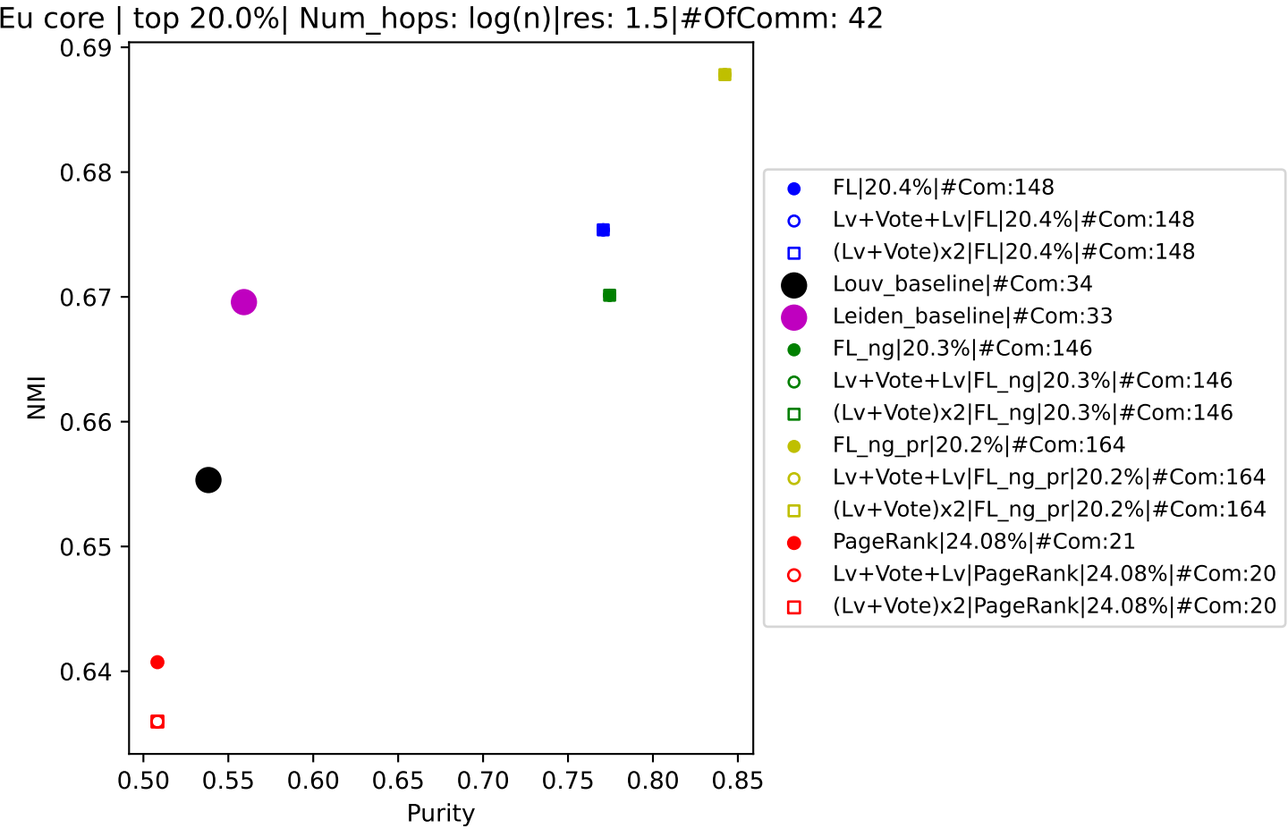
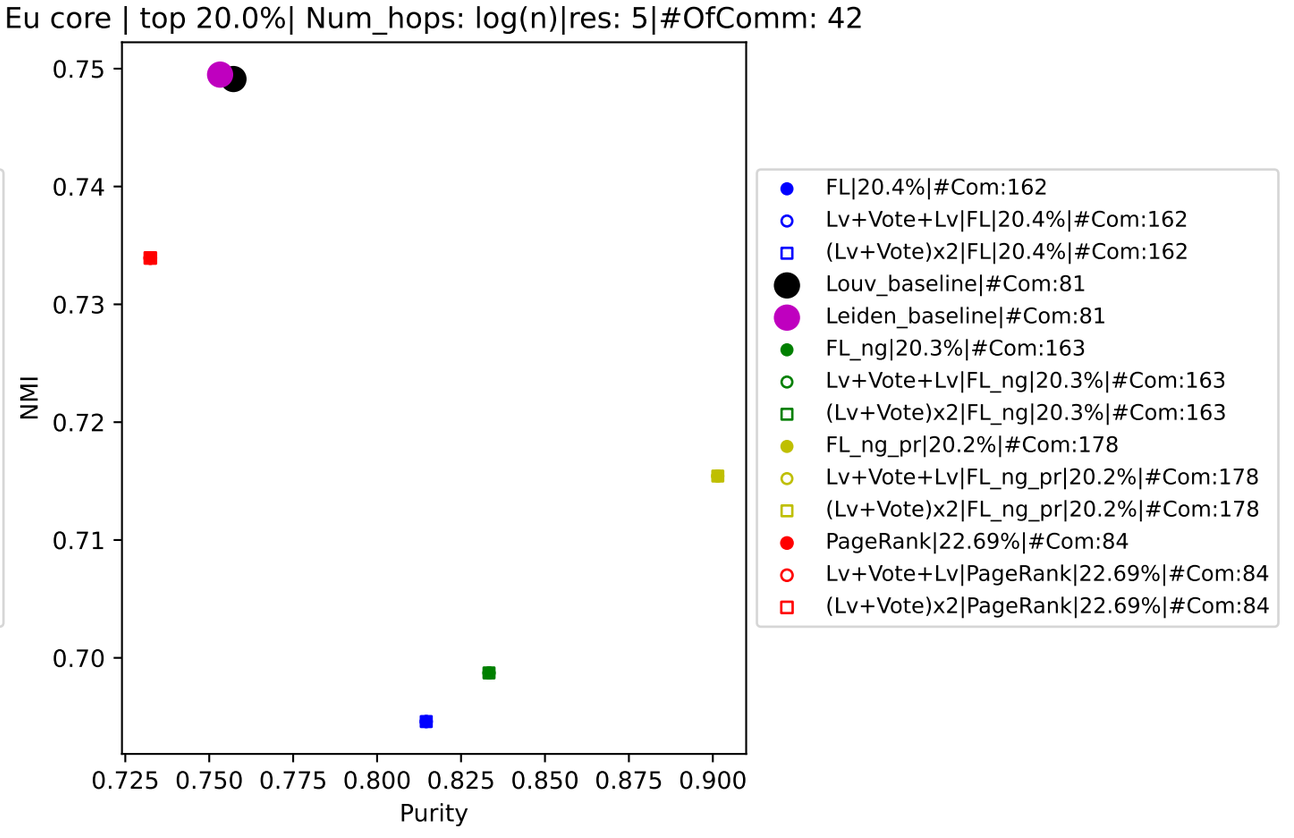

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|#OfComm: 42
NMI
Purity
FL|20.8%|#Com:138
Lv+Vote+Lv|FL|20.8%|#Com:138
(Lv+Vote)x2|FL|20.8%|#Com:138
Louv_baseline|#Com:20
Leiden_baseline|#Com:20
FL_ng|20.8%|#Com:136
Lv+Vote+Lv|FL_ng|20.8%|#Com:136
(Lv+Vote)x2|FL_ng|20.8%|#Com:136
FL_ng_pr|20.4%|#Com:160
Lv+Vote+Lv|FL_ng_pr|20.4%|#Com:160
(Lv+Vote)x2|FL_ng_pr|20.4%|#Com:160
PageRank|86.07%|#Com:5
Lv+Vote+Lv|PageRank|86.07%|#Com:1
(Lv+Vote)x2|PageRank|86.07%|#Com:1

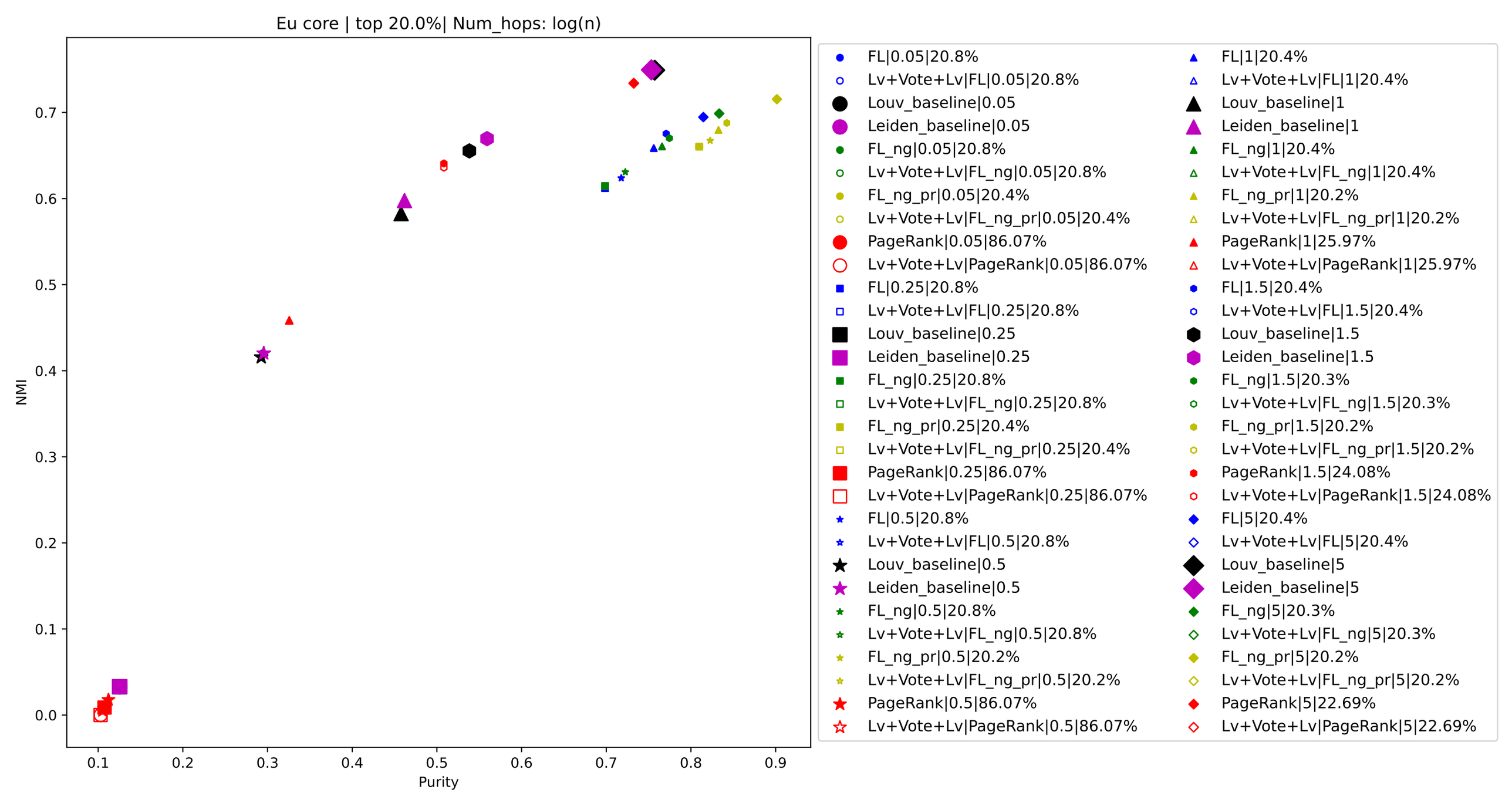

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|#OfComm: 42
NMI
Purity
FL|20.8%|#Com:138
Lv+Vote+Lv|FL|20.8%|#Com:138
(Lv+Vote)x2|FL|20.8%|#Com:138
Louv_baseline|#Com:20
Leiden_baseline|#Com:20
FL_ng|20.8%|#Com:136
Lv+Vote+Lv|FL_ng|20.8%|#Com:136
(Lv+Vote)x2|FL_ng|20.8%|#Com:136
FL_ng_pr|20.4%|#Com:160
Lv+Vote+Lv|FL_ng_pr|20.4%|#Com:160
(Lv+Vote)x2|FL_ng_pr|20.4%|#Com:160
PageRank|86.07%|#Com:5
Lv+Vote+Lv|PageRank|86.07%|#Com:1
(Lv+Vote)x2|PageRank|86.07%|#Com:1

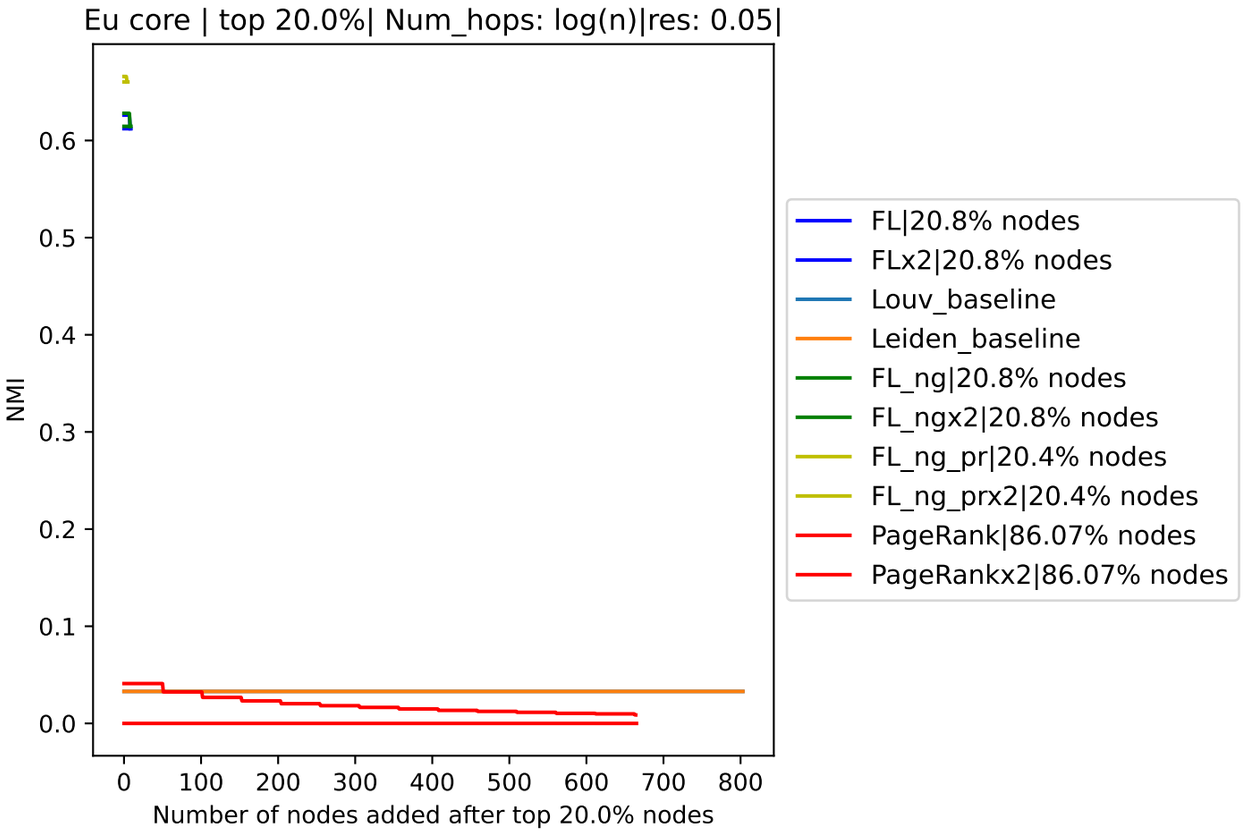

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|#OfComm: 42
NMI
Purity
FL|20.8%|#Com:141
Lv+Vote+Lv|FL|20.8%|#Com:141
(Lv+Vote)x2|FL|20.8%|#Com:141
Louv_baseline|#Com:23
Leiden_baseline|#Com:23
FL_ng|20.8%|#Com:142
Lv+Vote+Lv|FL_ng|20.8%|#Com:142
(Lv+Vote)x2|FL_ng|20.8%|#Com:142
FL_ng_pr|20.2%|#Com:161
Lv+Vote+Lv|FL_ng_pr|20.2%|#Com:161
(Lv+Vote)x2|FL_ng_pr|20.2%|#Com:161
PageRank|86.07%|#Com:9
Lv+Vote+Lv|PageRank|86.07%|#Com:3
(Lv+Vote)x2|PageRank|86.07%|#Com:3

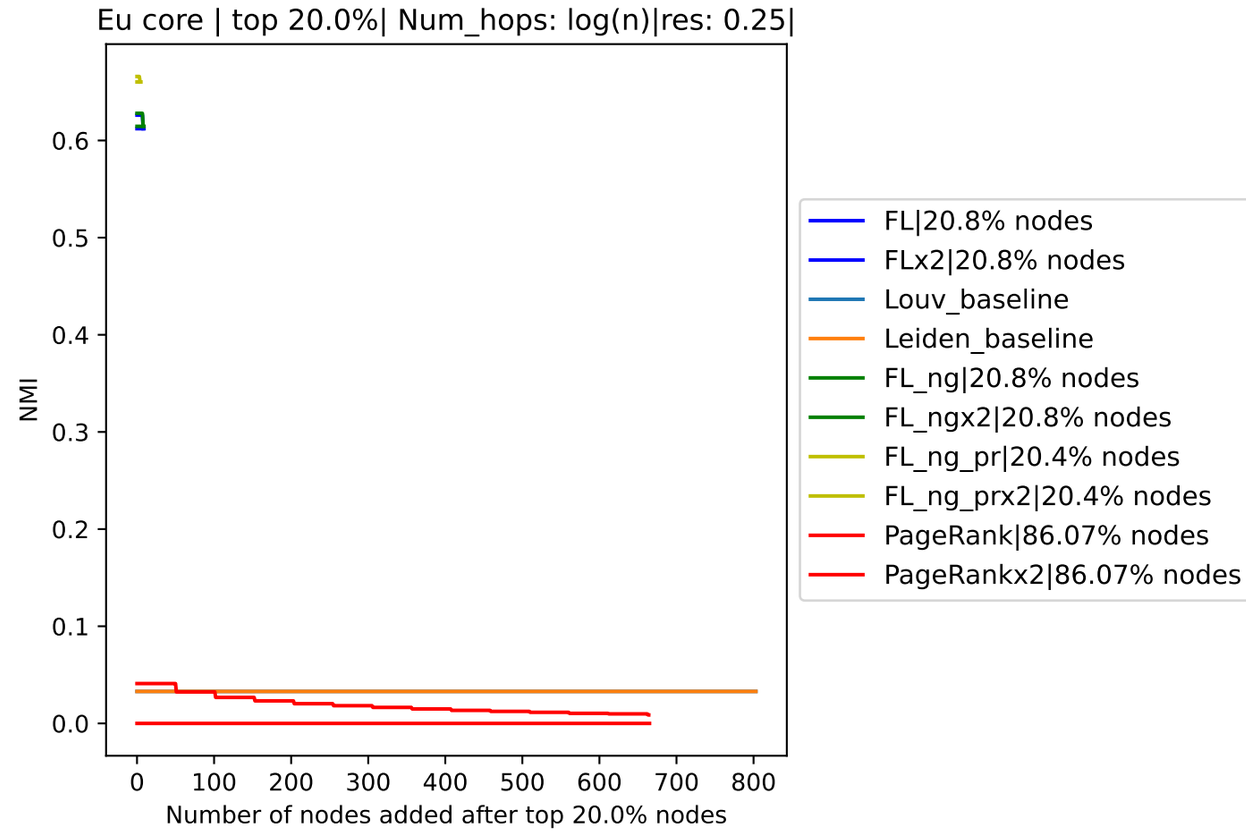

Eu core | top 20.0%| Num_hops: log(n)|res: 1|#OfComm: 42
NMI
Purity
FL|20.4%|#Com:142
Lv+Vote+Lv|FL|20.4%|#Com:142
(Lv+Vote)x2|FL|20.4%|#Com:142
Louv_baseline|#Com:27
Leiden_baseline|#Com:27
FL_ng|20.4%|#Com:140
Lv+Vote+Lv|FL_ng|20.4%|#Com:140
(Lv+Vote)x2|FL_ng|20.4%|#Com:140
FL_ng_pr|20.2%|#Com:162
Lv+Vote+Lv|FL_ng_pr|20.2%|#Com:162
(Lv+Vote)x2|FL_ng_pr|20.2%|#Com:162
PageRank|25.97%|#Com:9
Lv+Vote+Lv|PageRank|25.97%|#Com:9
(Lv+Vote)x2|PageRank|25.97%|#Com:9

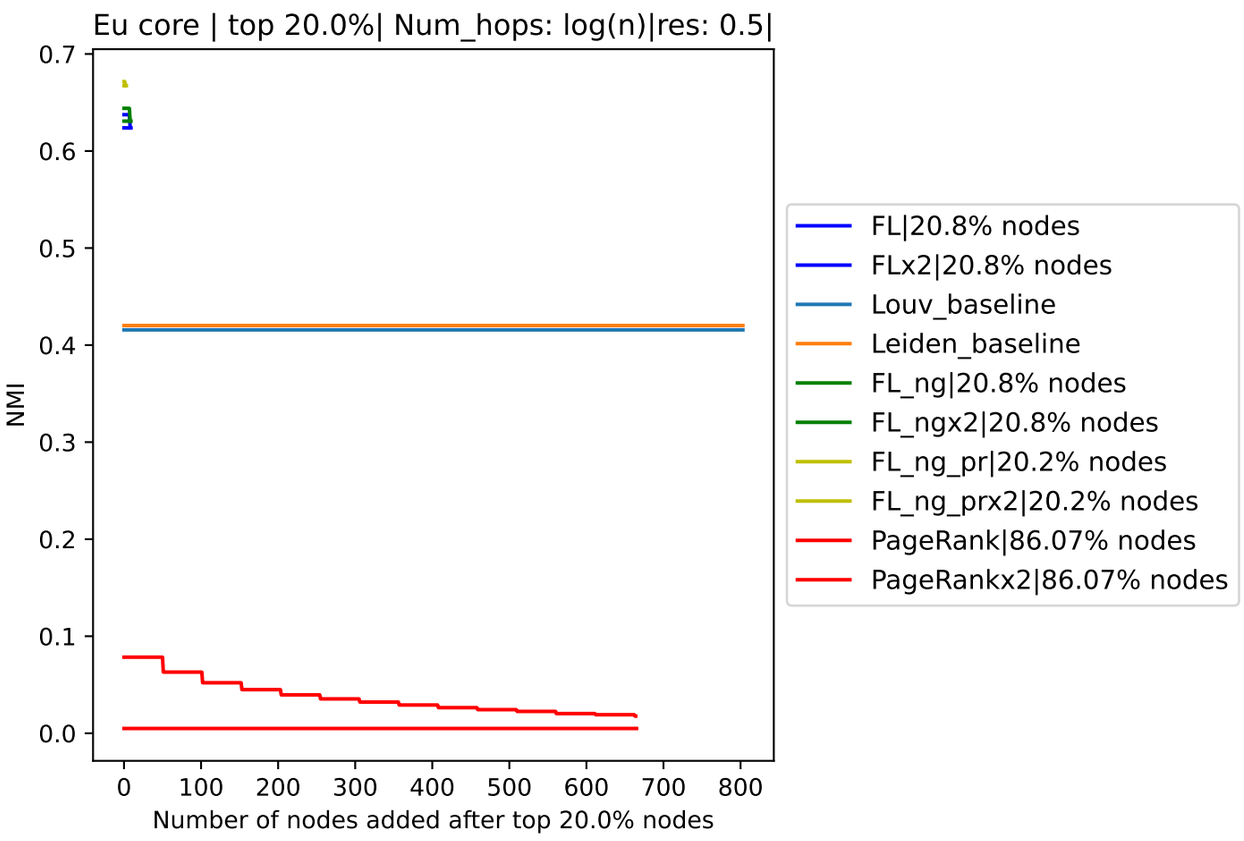

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|#OfComm: 42
NMI
Purity
FL|20.4%|#Com:148
Lv+Vote+Lv|FL|20.4%|#Com:148
(Lv+Vote)x2|FL|20.4%|#Com:148
Louv_baseline|#Com:34
Leiden_baseline|#Com:33
FL_ng|20.3%|#Com:146
Lv+Vote+Lv|FL_ng|20.3%|#Com:146
(Lv+Vote)x2|FL_ng|20.3%|#Com:146
FL_ng_pr|20.2%|#Com:164
Lv+Vote+Lv|FL_ng_pr|20.2%|#Com:164
(Lv+Vote)x2|FL_ng_pr|20.2%|#Com:164
PageRank|24.08%|#Com:21
Lv+Vote+Lv|PageRank|24.08%|#Com:20
(Lv+Vote)x2|PageRank|24.08%|#Com:20

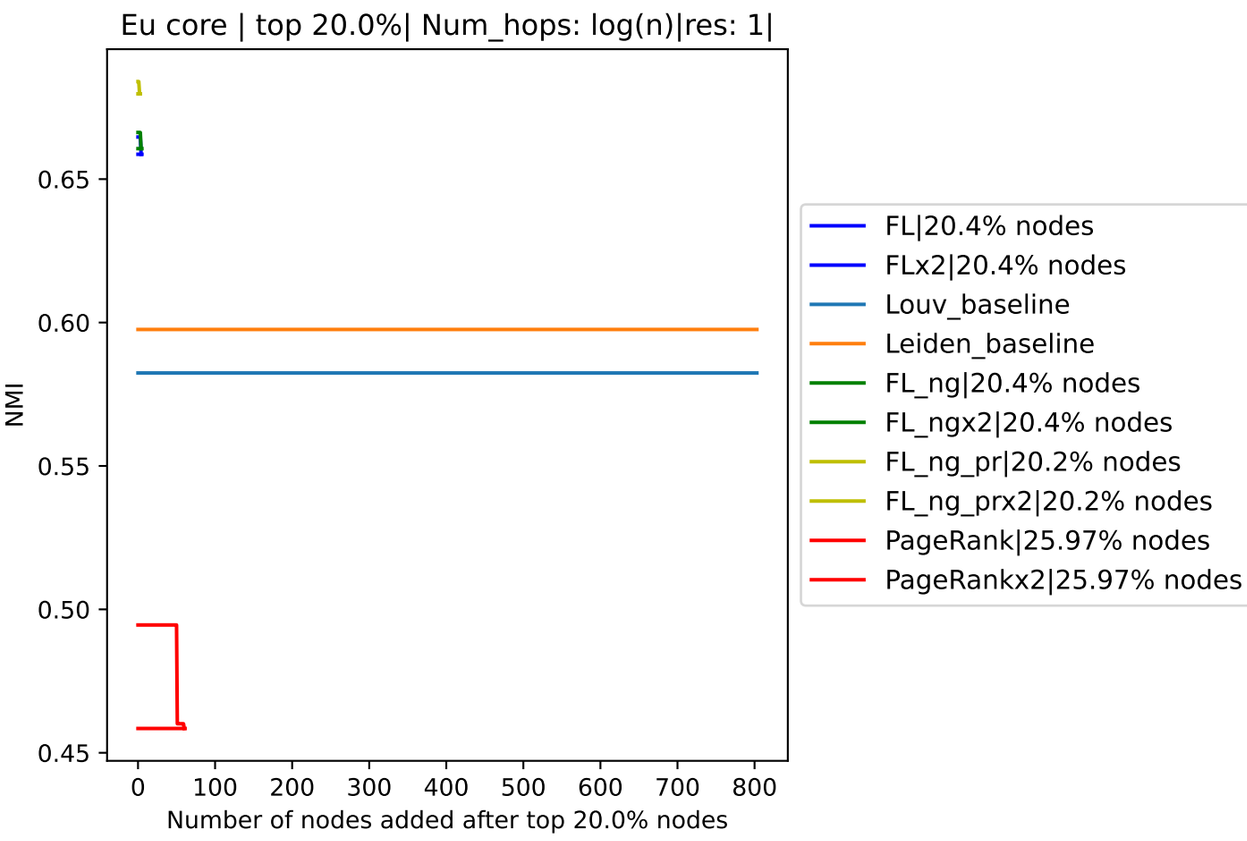

Eu core | top 20.0%| Num_hops: log(n)|res: 5|#OfComm: 42
NMI
Purity
FL|20.4%|#Com:162
Lv+Vote+Lv|FL|20.4%|#Com:162
(Lv+Vote)x2|FL|20.4%|#Com:162
Louv_baseline|#Com:81
Leiden_baseline|#Com:81
FL_ng|20.3%|#Com:163
Lv+Vote+Lv|FL_ng|20.3%|#Com:163
(Lv+Vote)x2|FL_ng|20.3%|#Com:163
FL_ng_pr|20.2%|#Com:178
Lv+Vote+Lv|FL_ng_pr|20.2%|#Com:178
(Lv+Vote)x2|FL_ng_pr|20.2%|#Com:178
PageRank|22.69%|#Com:84
Lv+Vote+Lv|PageRank|22.69%|#Com:84
(Lv+Vote)x2|PageRank|22.69%|#Com:84

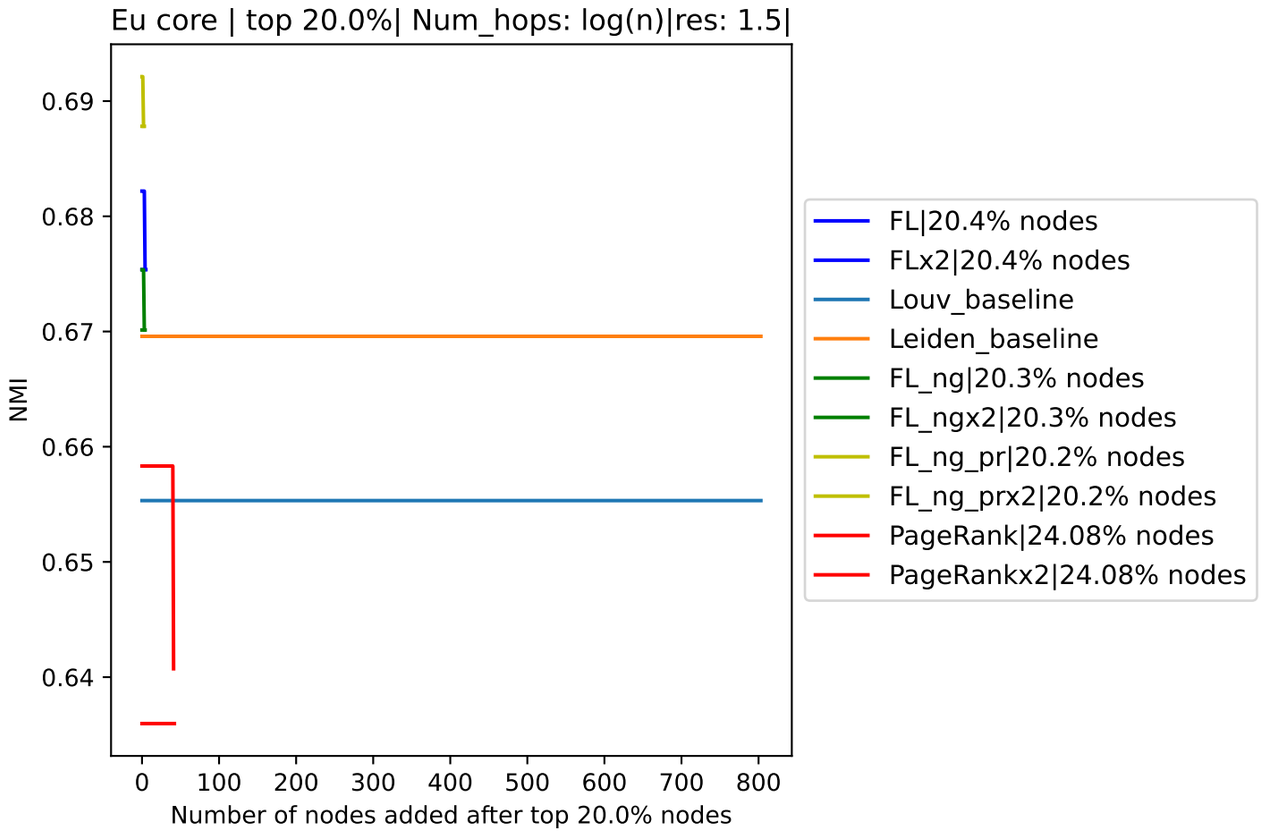

Eu core | top 20.0%| Num_hops: log(n)
NMI
Purity
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
FL|0.05|20.8%
Lv+Vote+Lv|FL|0.05|20.8%
Louv_baseline|0.05
Leiden_baseline|0.05
FL_ng|0.05|20.8%
Lv+Vote+Lv|FL_ng|0.05|20.8%
FL_ng_pr|0.05|20.4%
Lv+Vote+Lv|FL_ng_pr|0.05|20.4%
PageRank|0.05|86.07%
Lv+Vote+Lv|PageRank|0.05|86.07%
FL|0.25|20.8%
Lv+Vote+Lv|FL|0.25|20.8%
Louv_baseline|0.25
Leiden_baseline|0.25
FL_ng|0.25|20.8%
Lv+Vote+Lv|FL_ng|0.25|20.8%
FL_ng_pr|0.25|20.4%
Lv+Vote+Lv|FL_ng_pr|0.25|20.4%
PageRank|0.25|86.07%
Lv+Vote+Lv|PageRank|0.25|86.07%
FL|0.5|20.8%
Lv+Vote+Lv|FL|0.5|20.8%
Louv_baseline|0.5
Leiden_baseline|0.5
FL_ng|0.5|20.8%
Lv+Vote+Lv|FL_ng|0.5|20.8%
FL_ng_pr|0.5|20.2%
Lv+Vote+Lv|FL_ng_pr|0.5|20.2%
PageRank|0.5|86.07%
Lv+Vote+Lv|PageRank|0.5|86.07%
FL|1|20.4%
Lv+Vote+Lv|FL|1|20.4%
Louv_baseline|1
Leiden_baseline|1
FL_ng|1|20.4%
Lv+Vote+Lv|FL_ng|1|20.4%
FL_ng_pr|1|20.2%
Lv+Vote+Lv|FL_ng_pr|1|20.2%
PageRank|1|25.97%
Lv+Vote+Lv|PageRank|1|25.97%
FL|1.5|20.4%
Lv+Vote+Lv|FL|1.5|20.4%
Louv_baseline|1.5
Leiden_baseline|1.5
FL_ng|1.5|20.3%
Lv+Vote+Lv|FL_ng|1.5|20.3%
FL_ng_pr|1.5|20.2%
Lv+Vote+Lv|FL_ng_pr|1.5|20.2%
PageRank|1.5|24.08%
Lv+Vote+Lv|PageRank|1.5|24.08%
FL|5|20.4%
Lv+Vote+Lv|FL|5|20.4%
Louv_baseline|5
Leiden_baseline|5
FL_ng|5|20.3%
Lv+Vote+Lv|FL_ng|5|20.3%
FL_ng_pr|5|20.2%
Lv+Vote+Lv|FL_ng_pr|5|20.2%
PageRank|5|22.69%
Lv+Vote+Lv|PageRank|5|22.69%

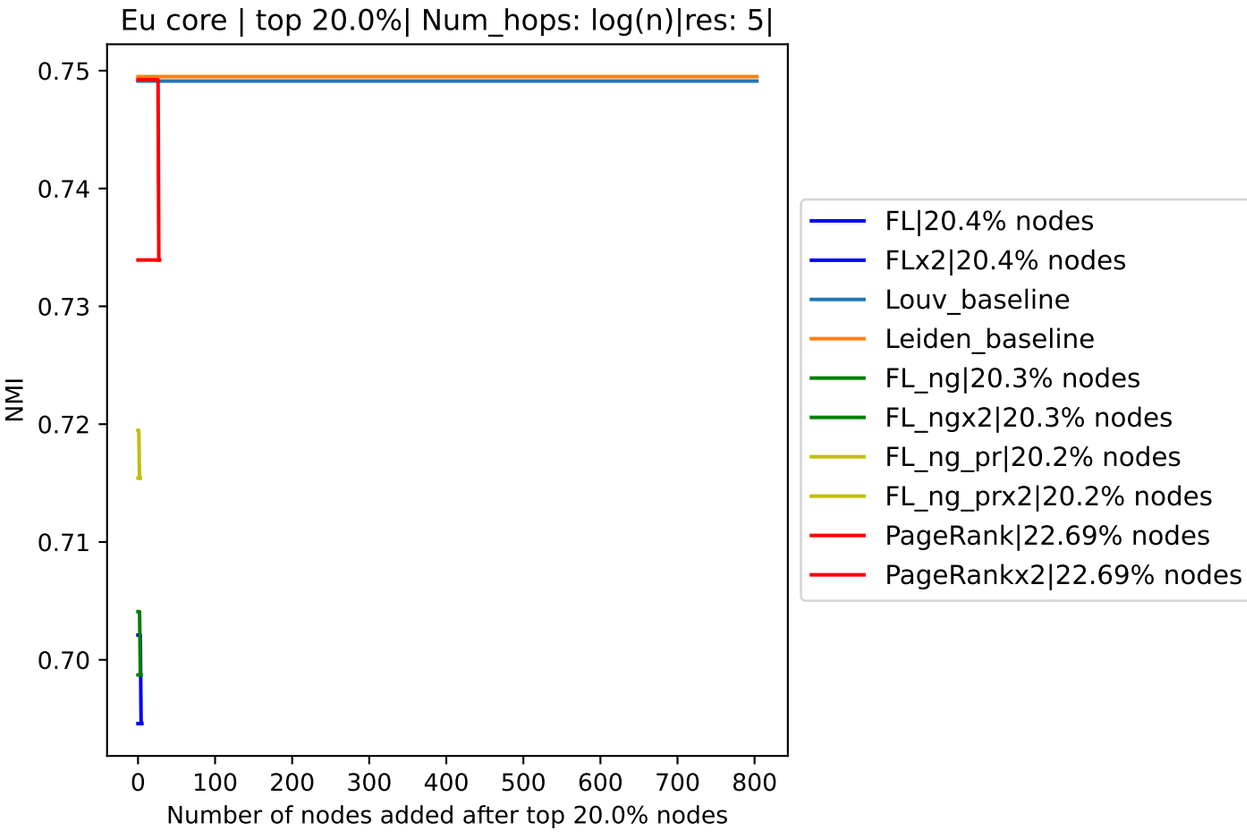

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
NMI
Number of nodes added after top 20.0% nodes
FL|20.8% nodes
FLx2|20.8% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.8% nodes
FL_ngx2|20.8% nodes
FL_ng_pr|20.4% nodes
FL_ng_prx2|20.4% nodes
PageRank|86.07% nodes
PageRankx2|86.07% nodes

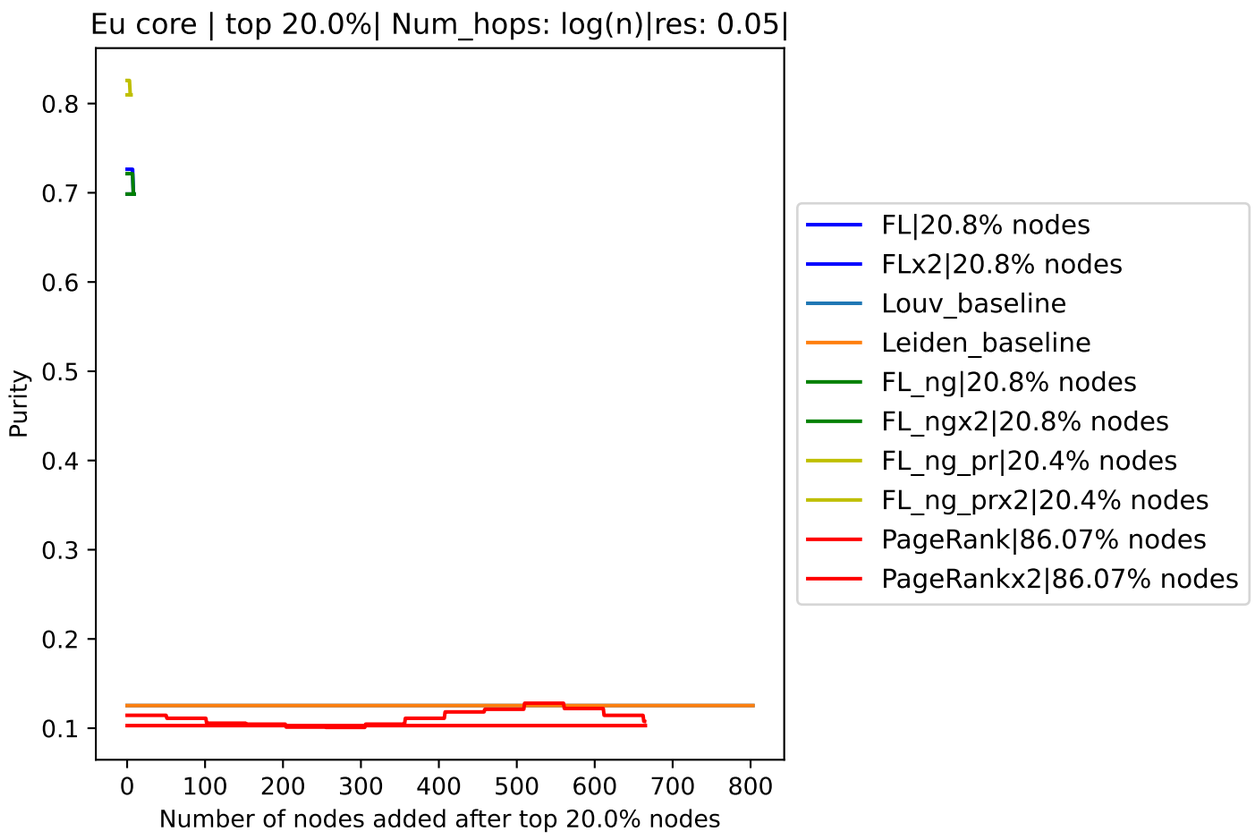

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
NMI
Number of nodes added after top 20.0% nodes
FL|20.8% nodes
FLx2|20.8% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.8% nodes
FL_ngx2|20.8% nodes
FL_ng_pr|20.4% nodes
FL_ng_prx2|20.4% nodes
PageRank|86.07% nodes
PageRankx2|86.07% nodes

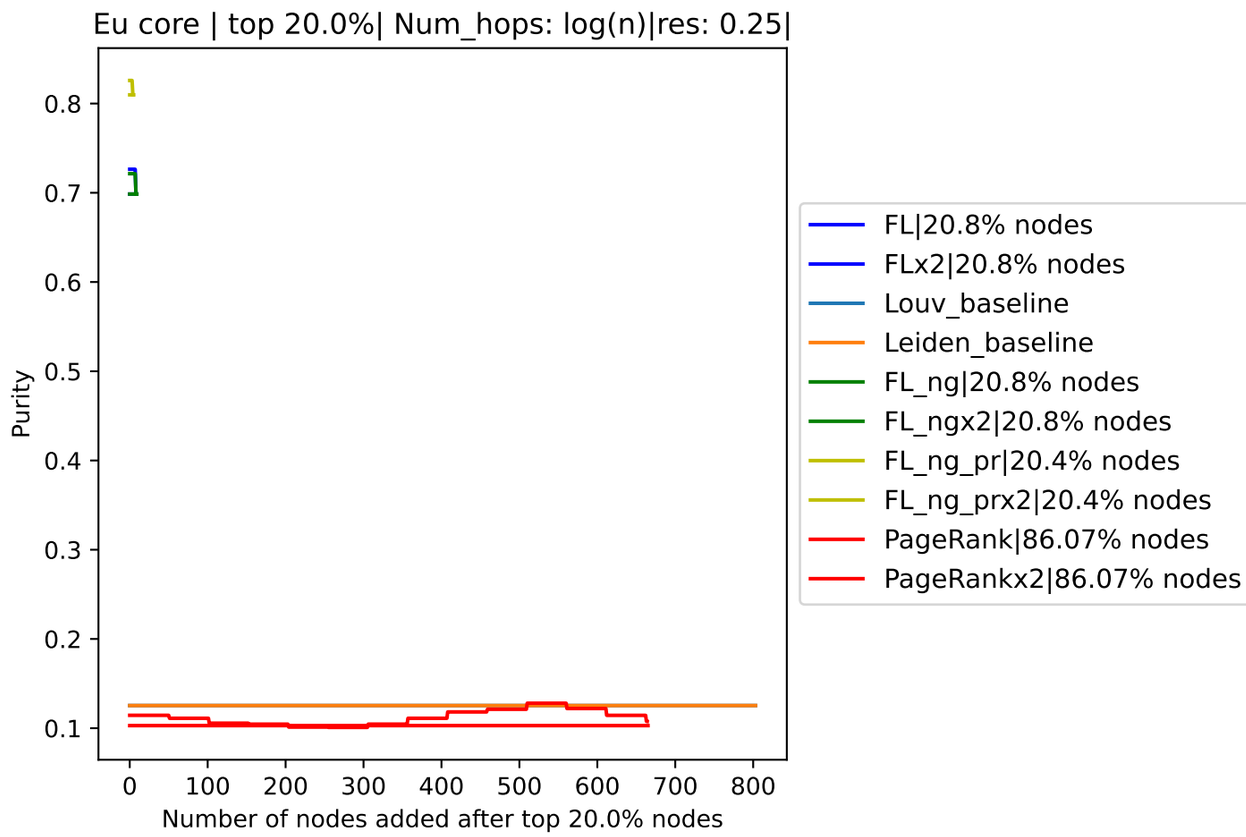

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
NMI
Number of nodes added after top 20.0% nodes
FL|20.8% nodes
FLx2|20.8% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.8% nodes
FL_ngx2|20.8% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|86.07% nodes
PageRankx2|86.07% nodes

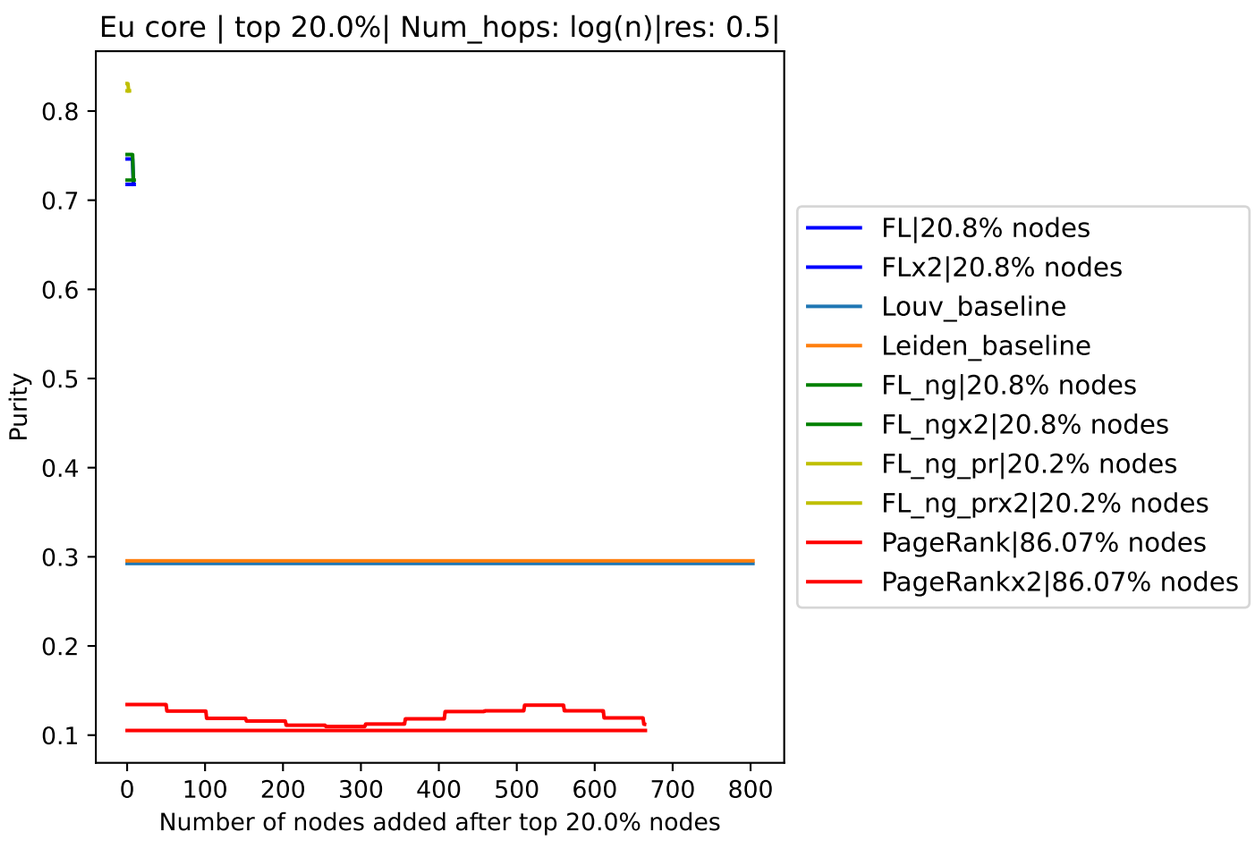

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
NMI
Number of nodes added after top 20.0% nodes
FL|20.4% nodes
FLx2|20.4% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.4% nodes
FL_ngx2|20.4% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|25.97% nodes
PageRankx2|25.97% nodes

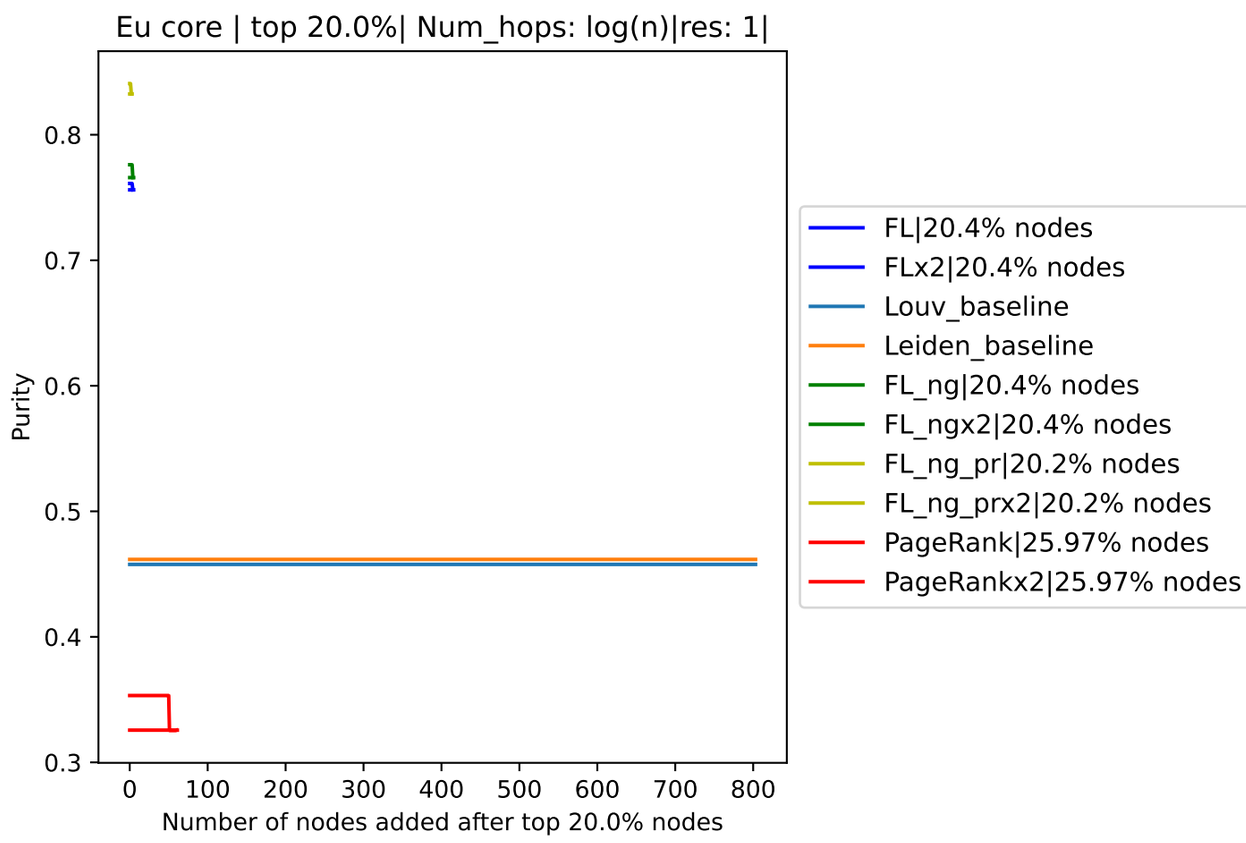

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
NMI
Number of nodes added after top 20.0% nodes
FL|20.4% nodes
FLx2|20.4% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.3% nodes
FL_ngx2|20.3% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|24.08% nodes
PageRankx2|24.08% nodes

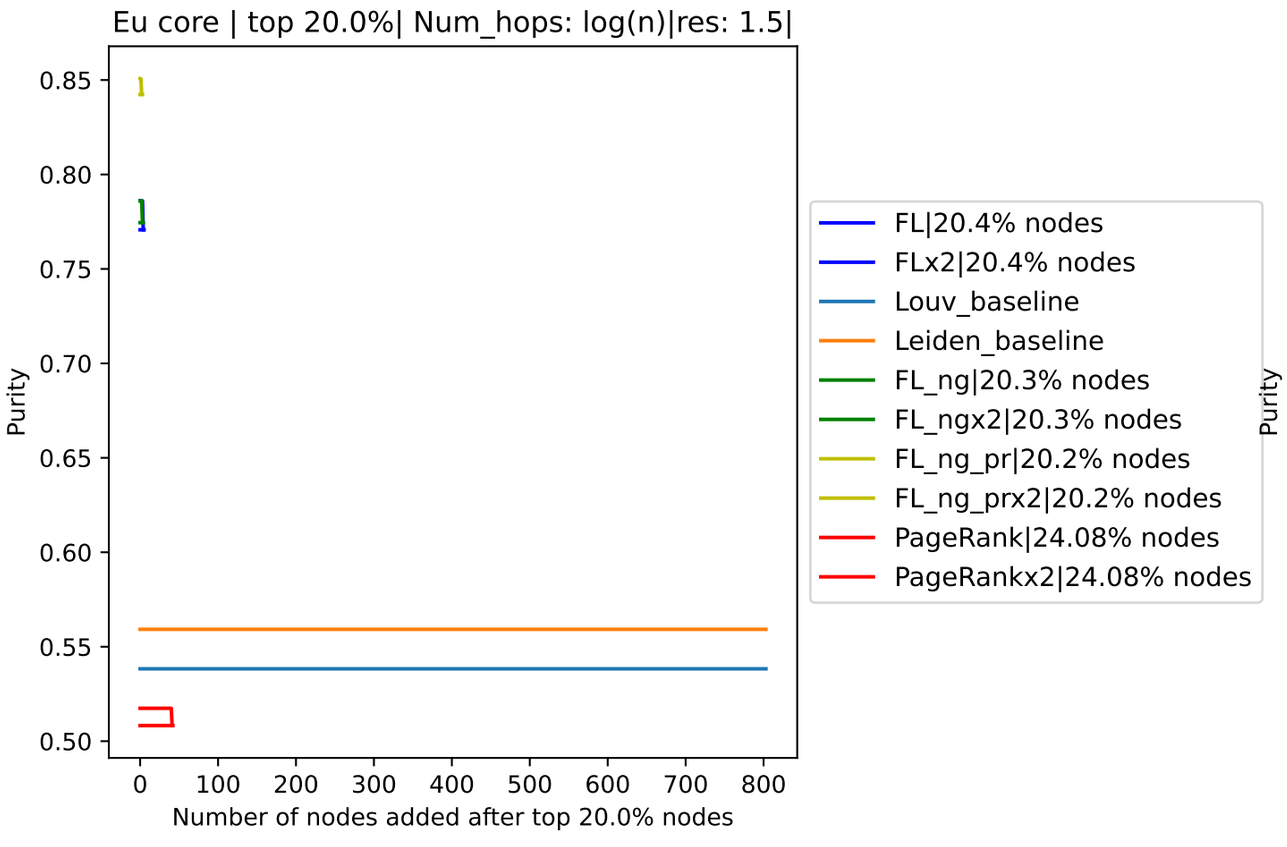

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
NMI
Number of nodes added after top 20.0% nodes
FL|20.4% nodes
FLx2|20.4% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.3% nodes
FL_ngx2|20.3% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|22.69% nodes
PageRankx2|22.69% nodes

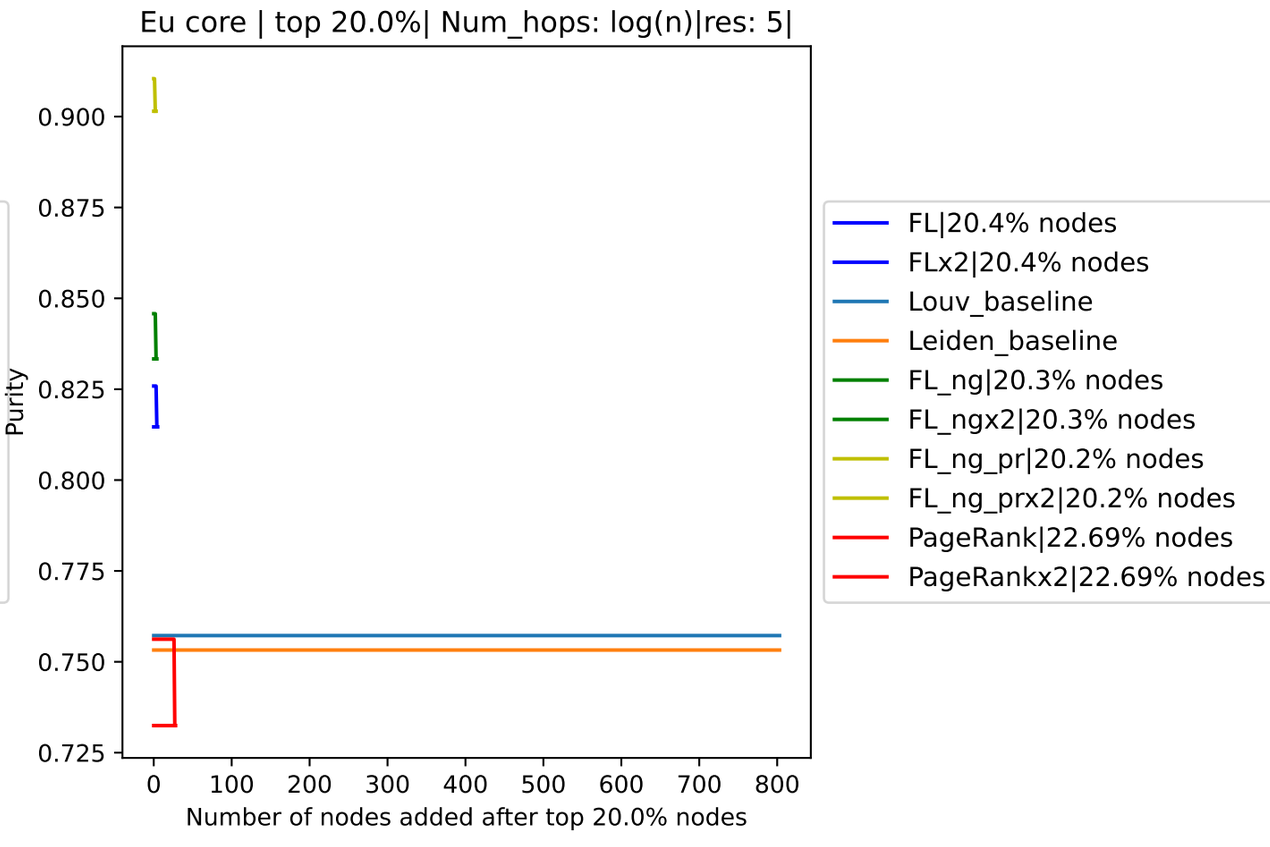

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
Purity
Number of nodes added after top 20.0% nodes
FL|20.8% nodes
FLx2|20.8% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.8% nodes
FL_ngx2|20.8% nodes
FL_ng_pr|20.4% nodes
FL_ng_prx2|20.4% nodes
PageRank|86.07% nodes
PageRankx2|86.07% nodes

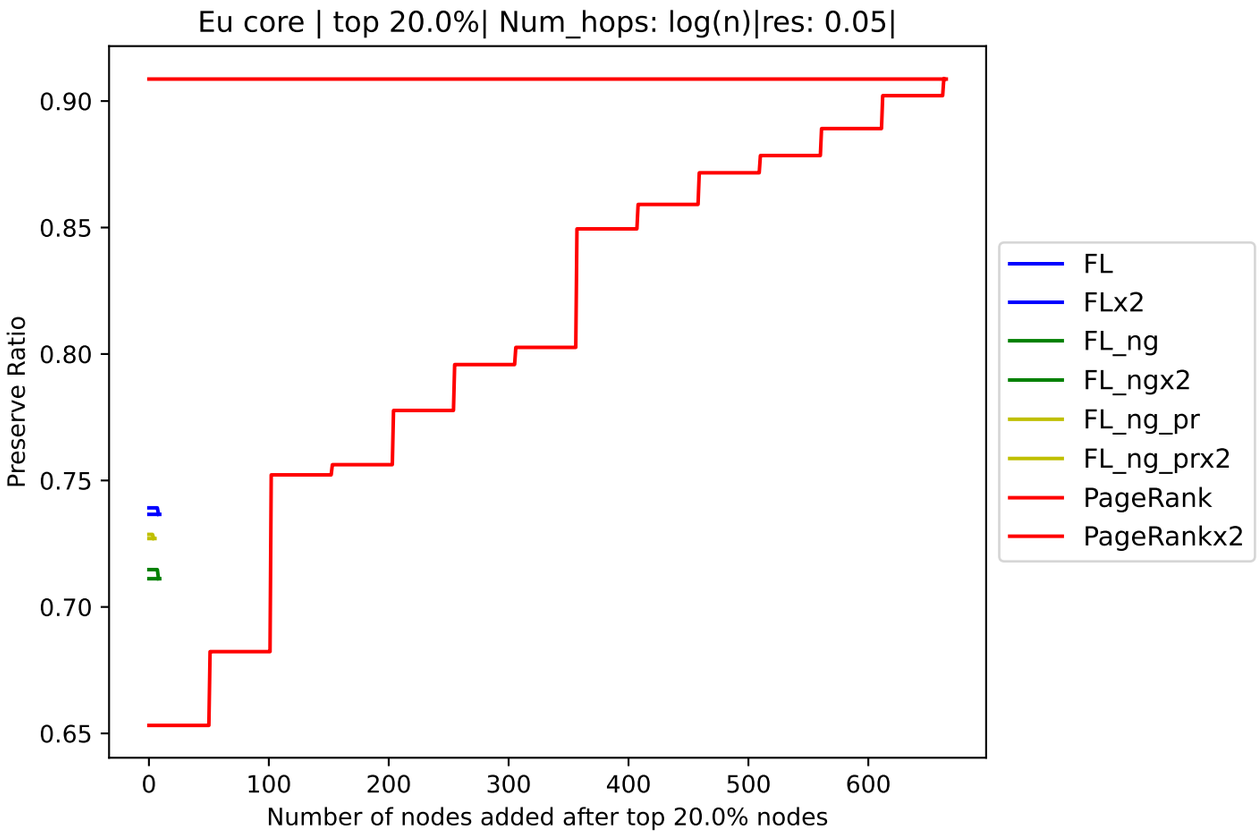

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
Purity
Number of nodes added after top 20.0% nodes
FL|20.8% nodes
FLx2|20.8% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.8% nodes
FL_ngx2|20.8% nodes
FL_ng_pr|20.4% nodes
FL_ng_prx2|20.4% nodes
PageRank|86.07% nodes
PageRankx2|86.07% nodes

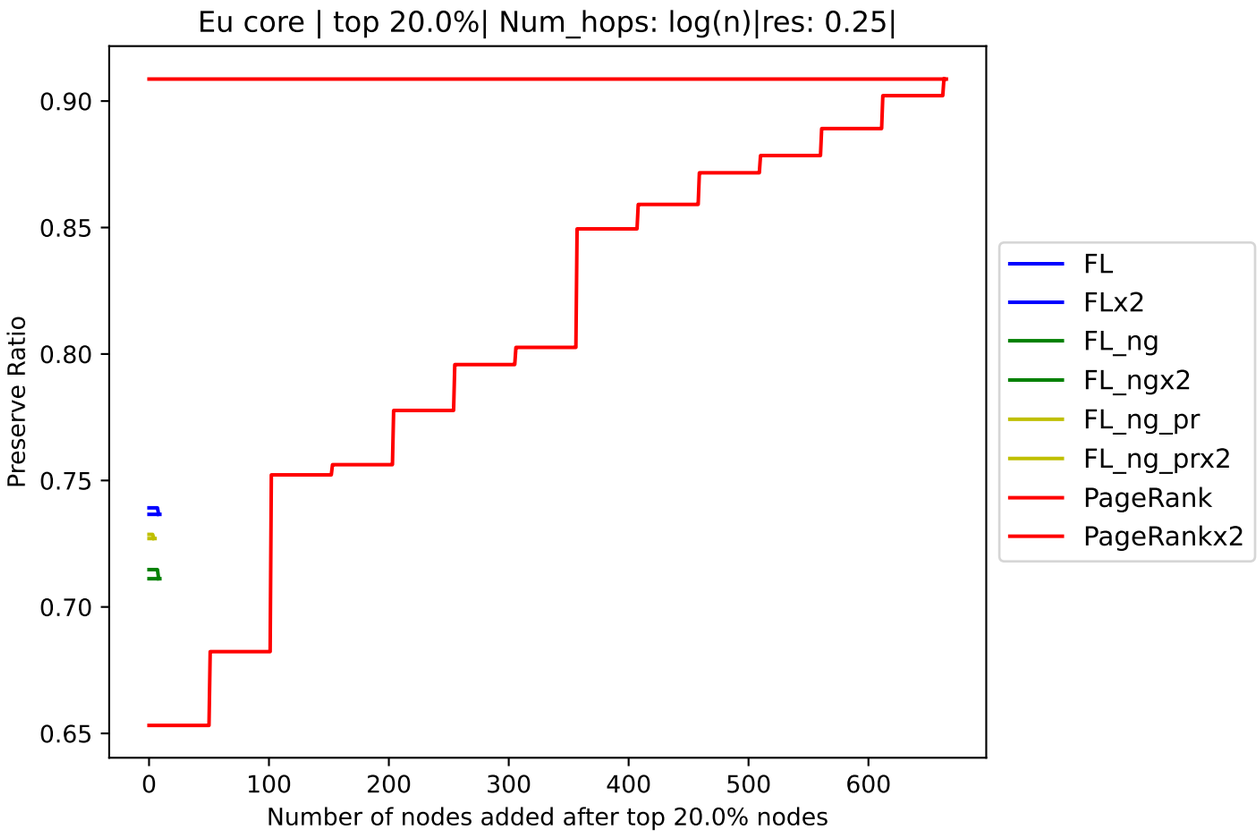

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
Purity
Number of nodes added after top 20.0% nodes
FL|20.8% nodes
FLx2|20.8% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.8% nodes
FL_ngx2|20.8% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|86.07% nodes
PageRankx2|86.07% nodes

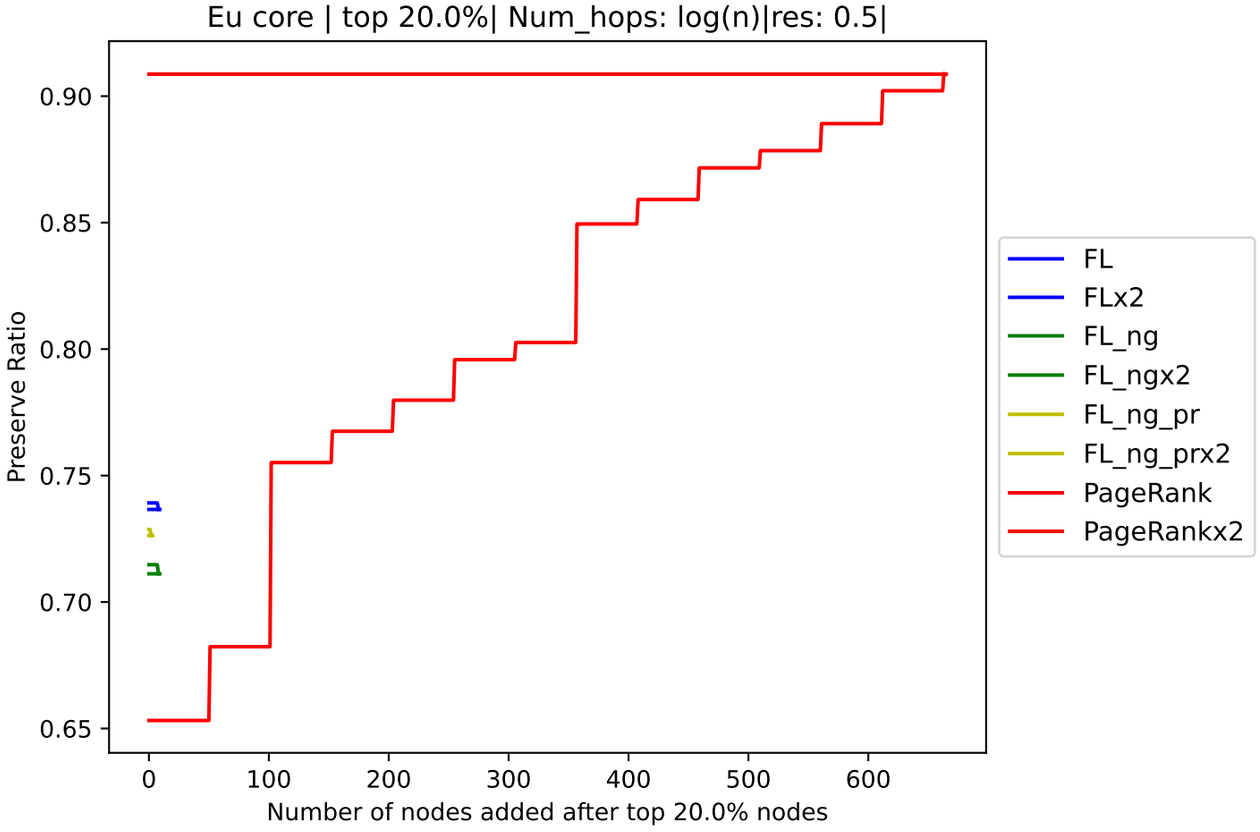

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
Purity
Number of nodes added after top 20.0% nodes
FL|20.4% nodes
FLx2|20.4% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.4% nodes
FL_ngx2|20.4% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|25.97% nodes
PageRankx2|25.97% nodes

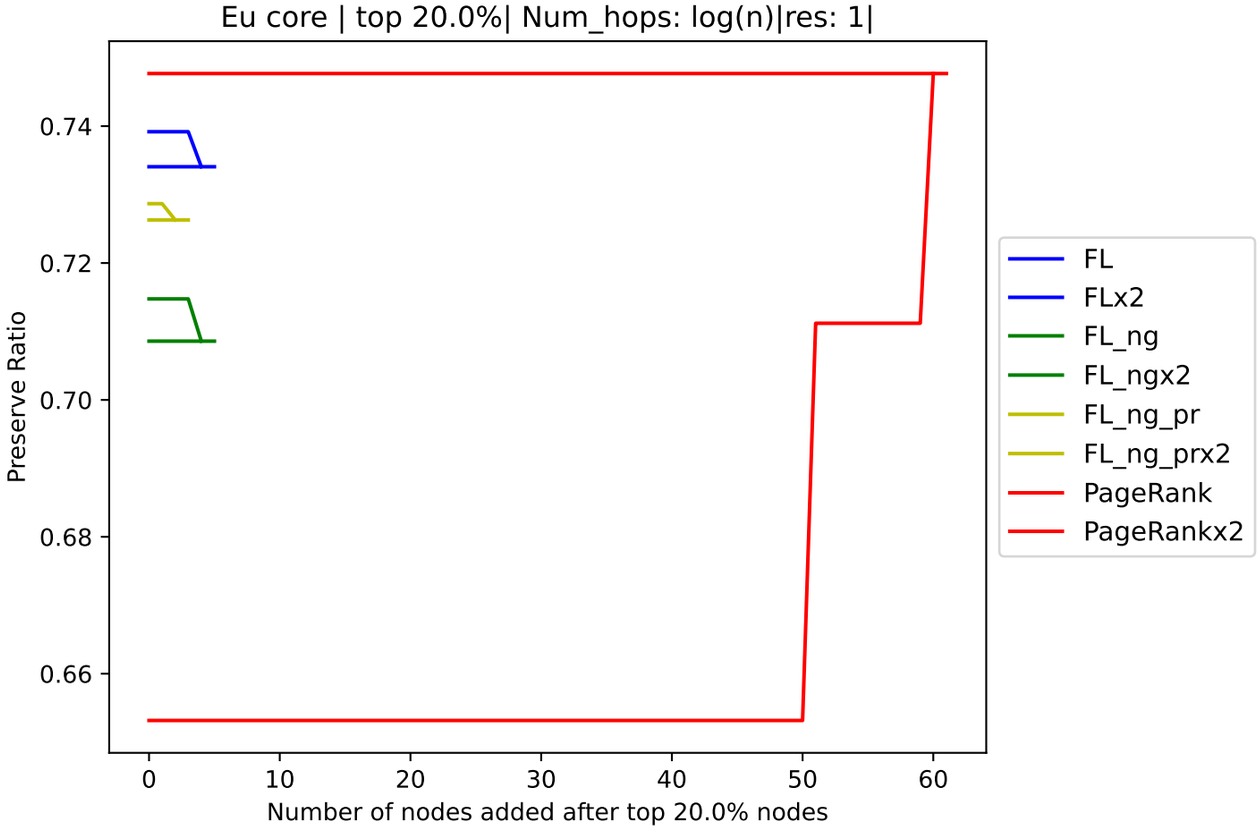

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
Purity
Number of nodes added after top 20.0% nodes
FL|20.4% nodes
FLx2|20.4% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.3% nodes
FL_ngx2|20.3% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|24.08% nodes
PageRankx2|24.08% nodes

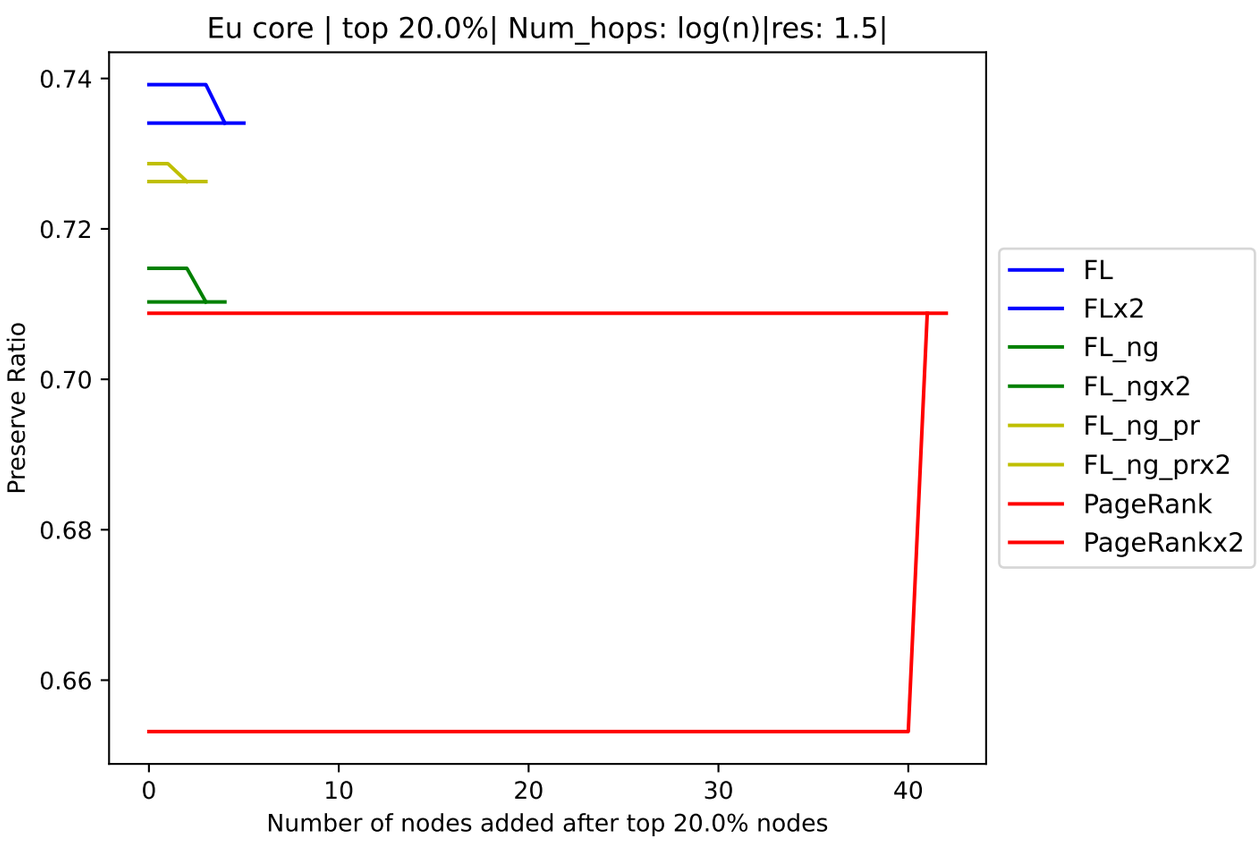

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
Purity
Number of nodes added after top 20.0% nodes
FL|20.4% nodes
FLx2|20.4% nodes
Louv_baseline
Leiden_baseline
FL_ng|20.3% nodes
FL_ngx2|20.3% nodes
FL_ng_pr|20.2% nodes
FL_ng_prx2|20.2% nodes
PageRank|22.69% nodes
PageRankx2|22.69% nodes

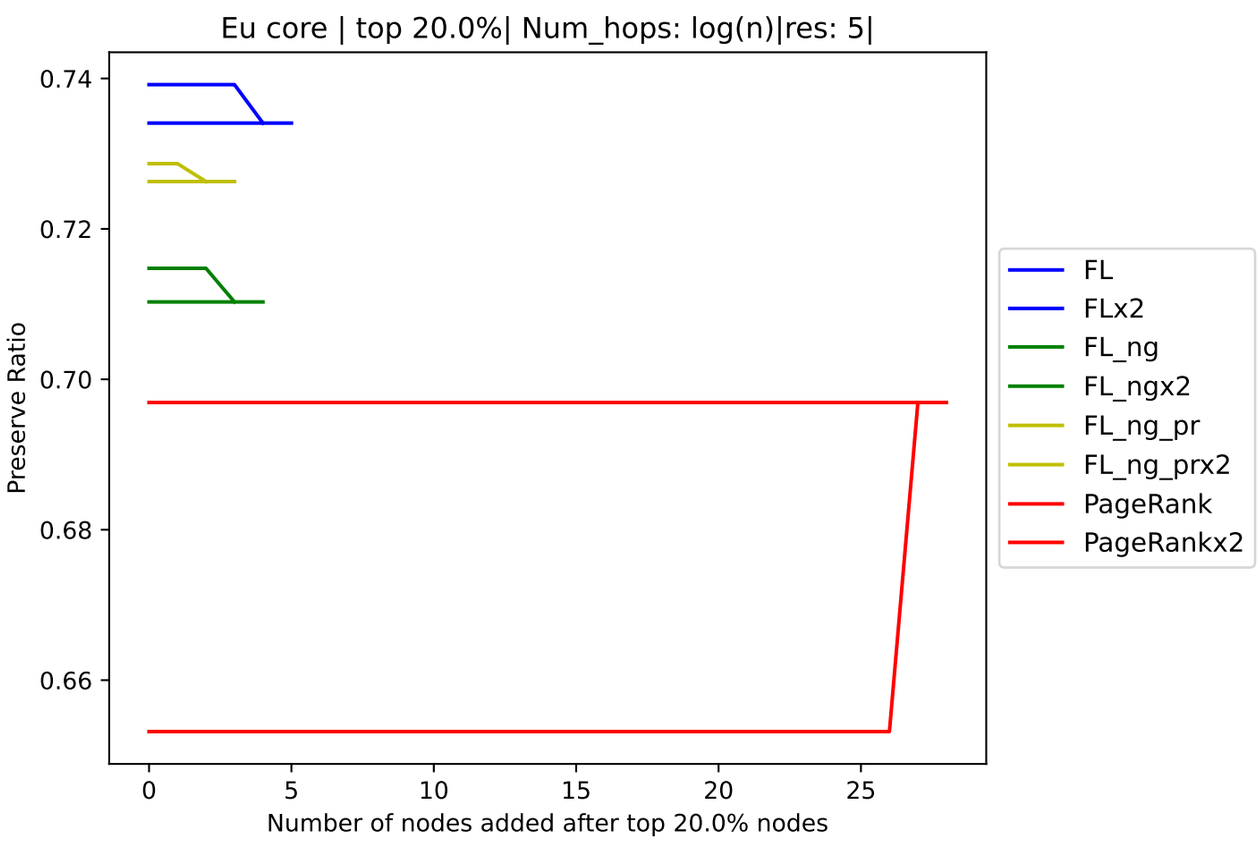

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

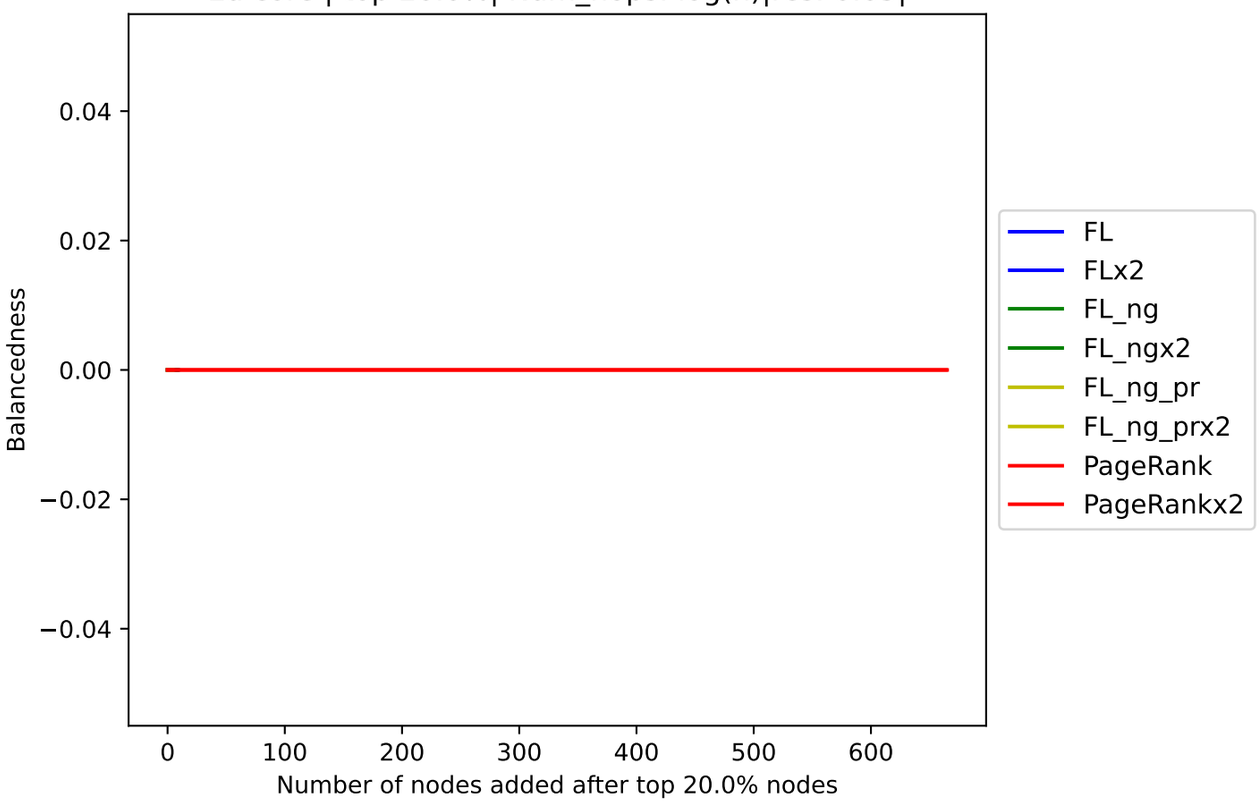

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

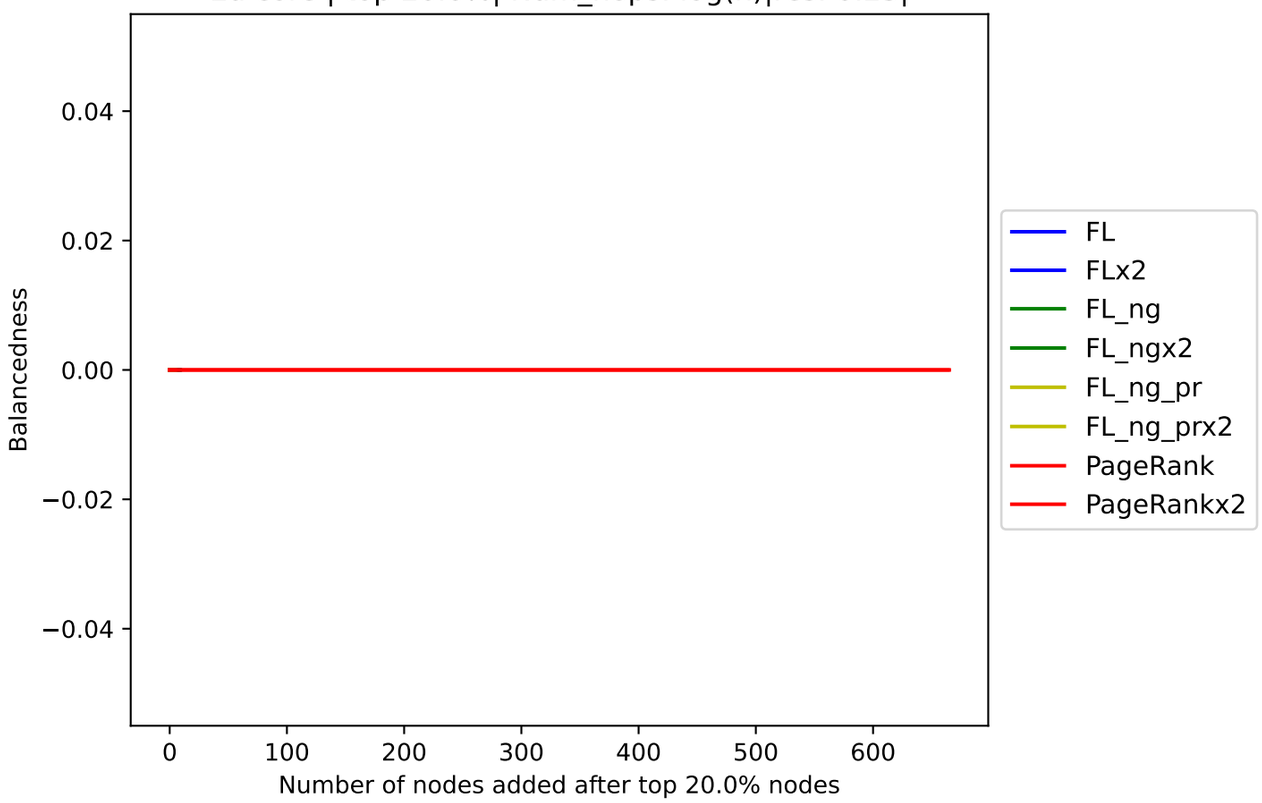

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

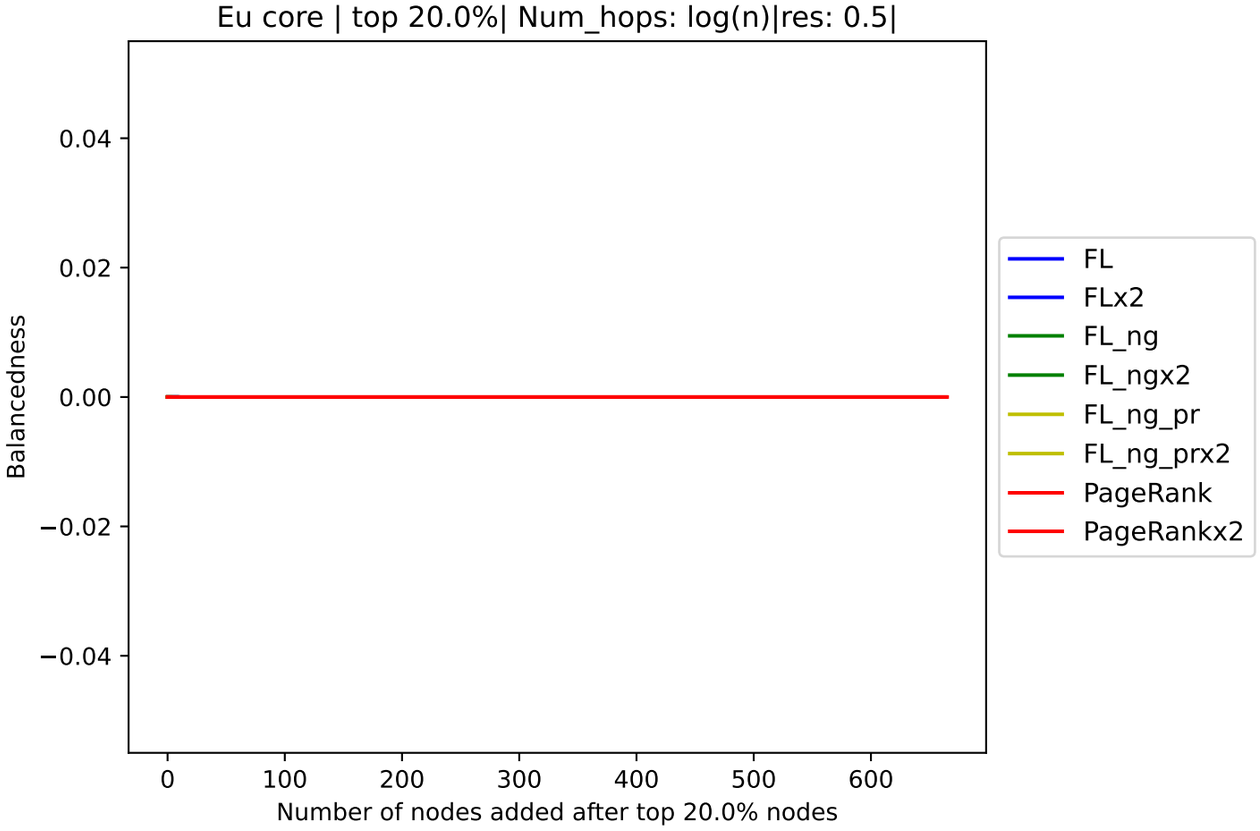

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

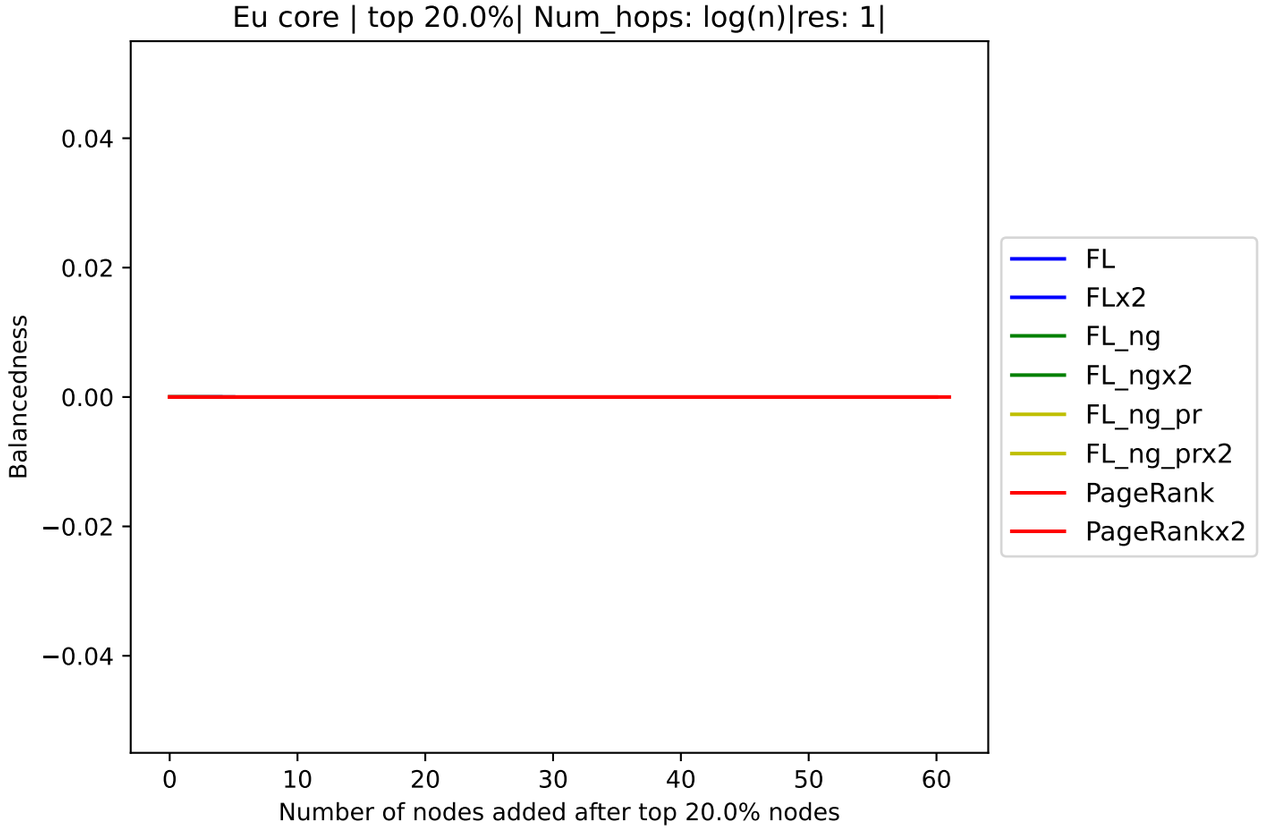

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

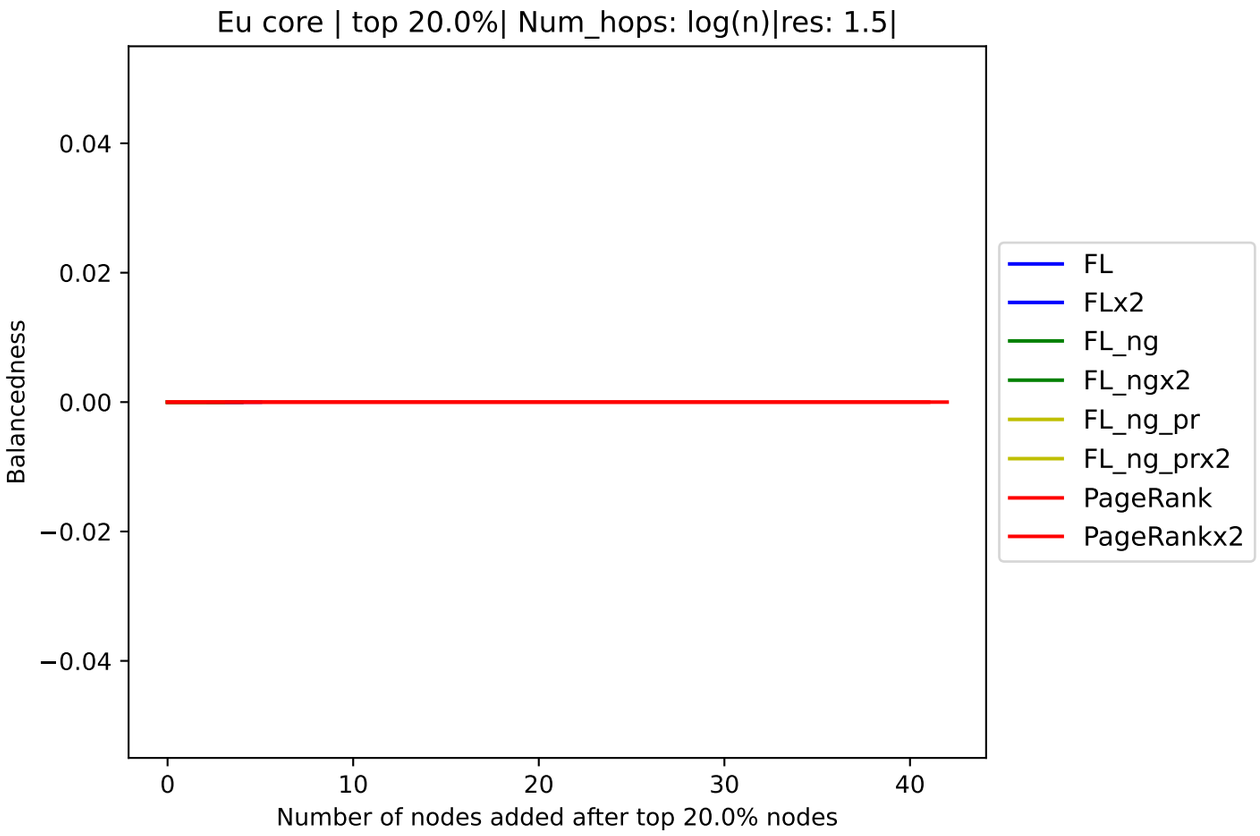

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

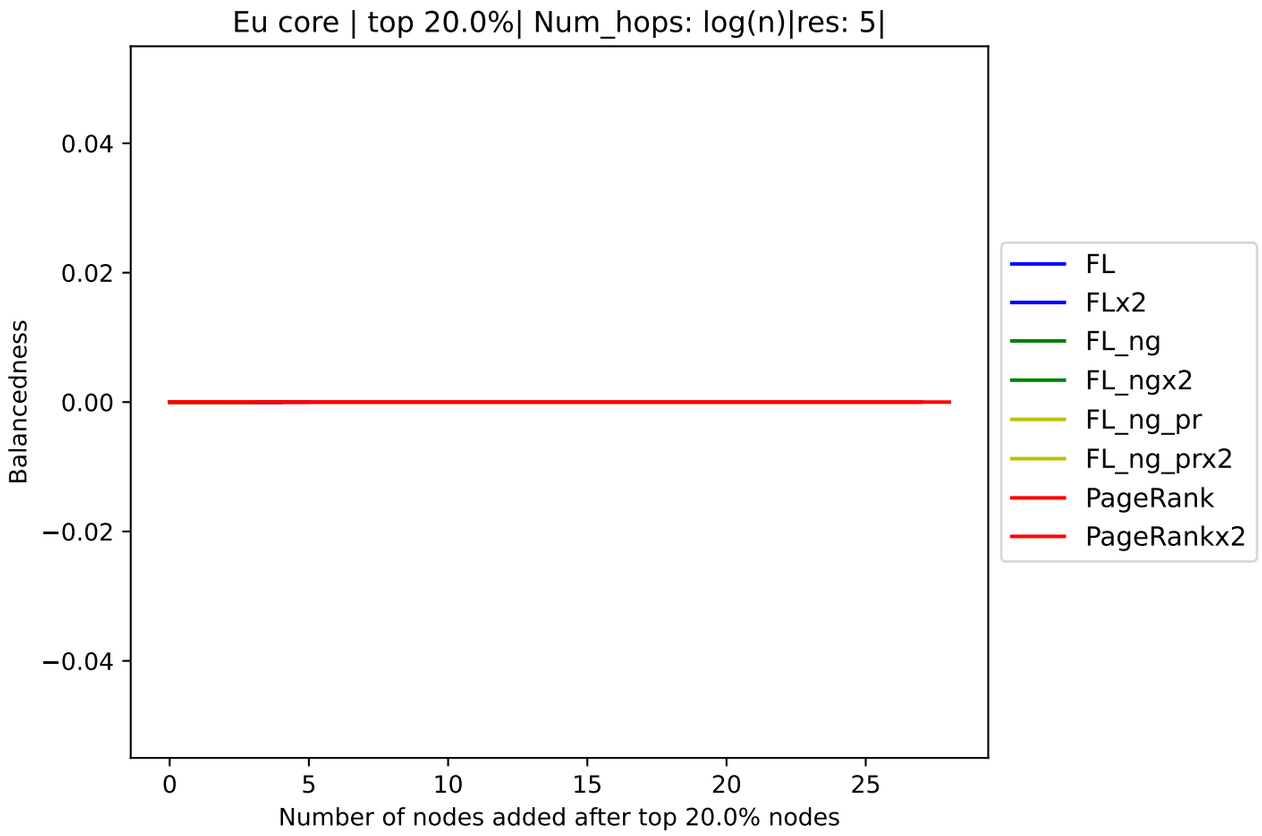

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

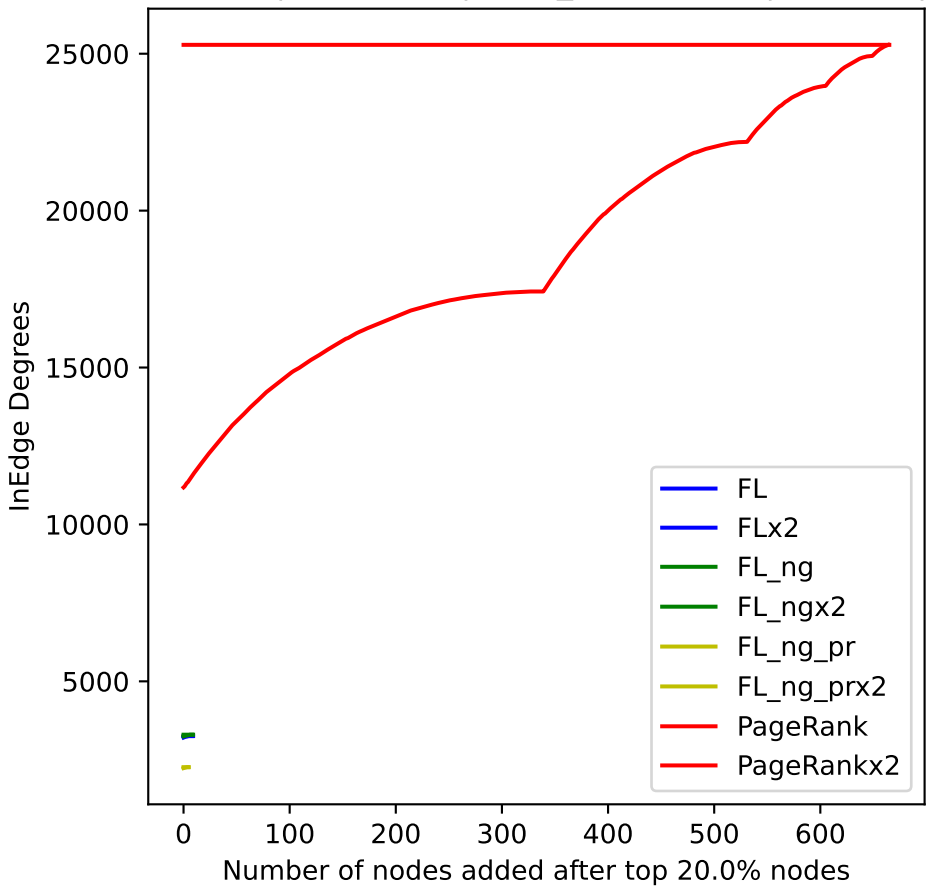

Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

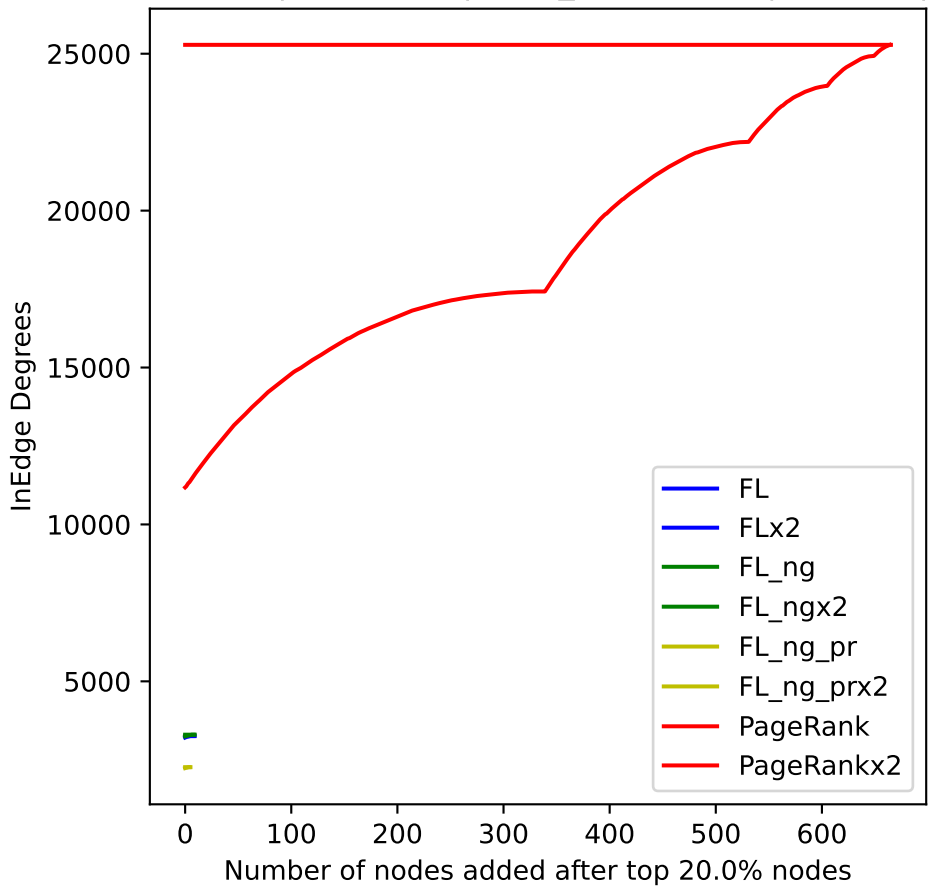

Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
100
200
300
400
500
600
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

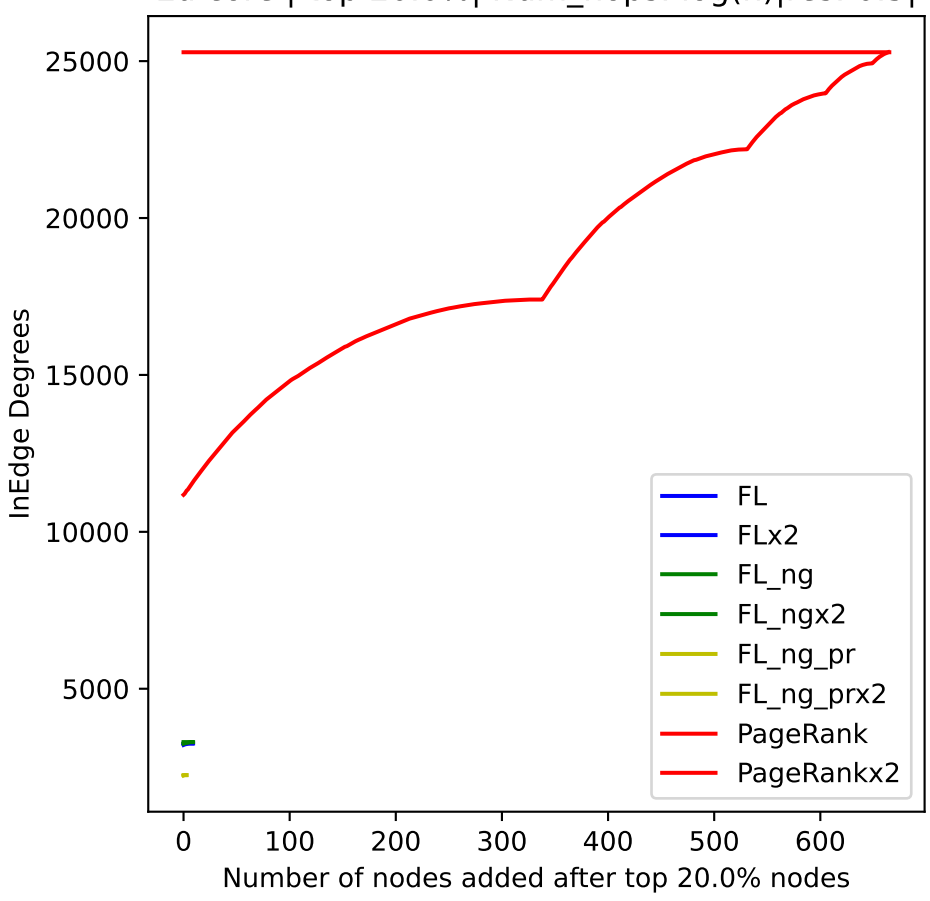

Eu core | top 20.0%| Num_hops: log(n)|res: 1|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
10
20
30
40
50
60
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

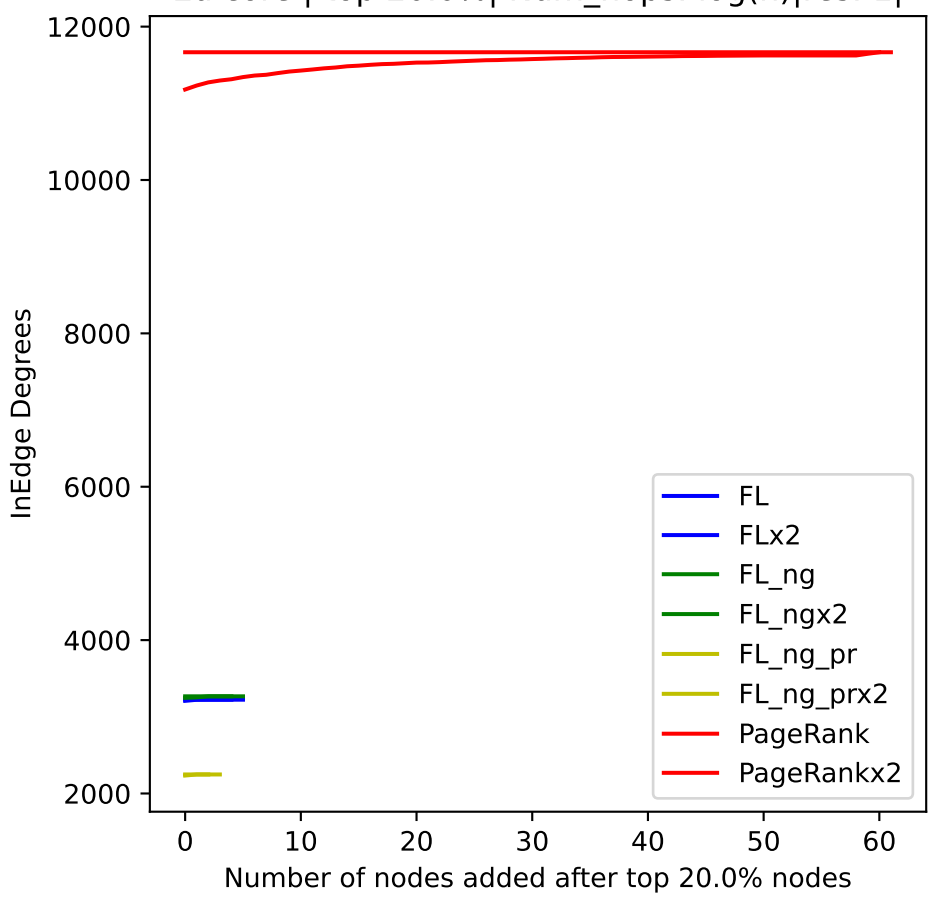

Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
10
20
30
40
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

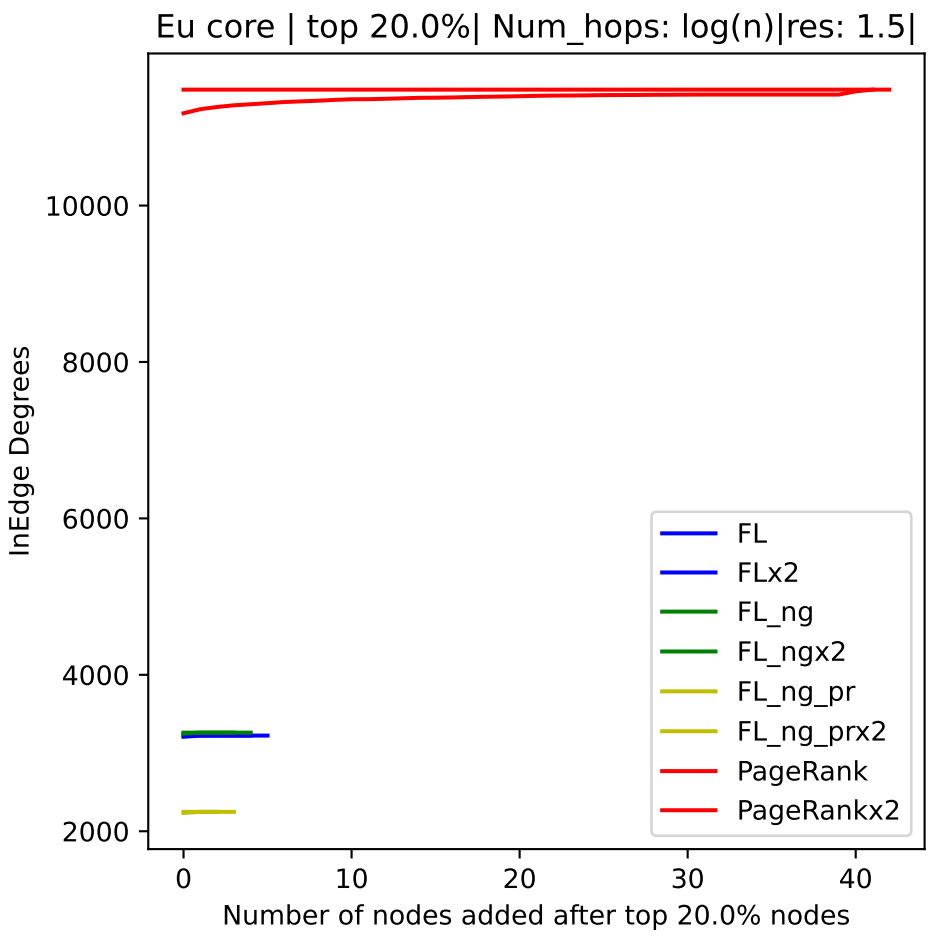

Eu core | top 20.0%| Num_hops: log(n)|res: 5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
5
10
15
20
25
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

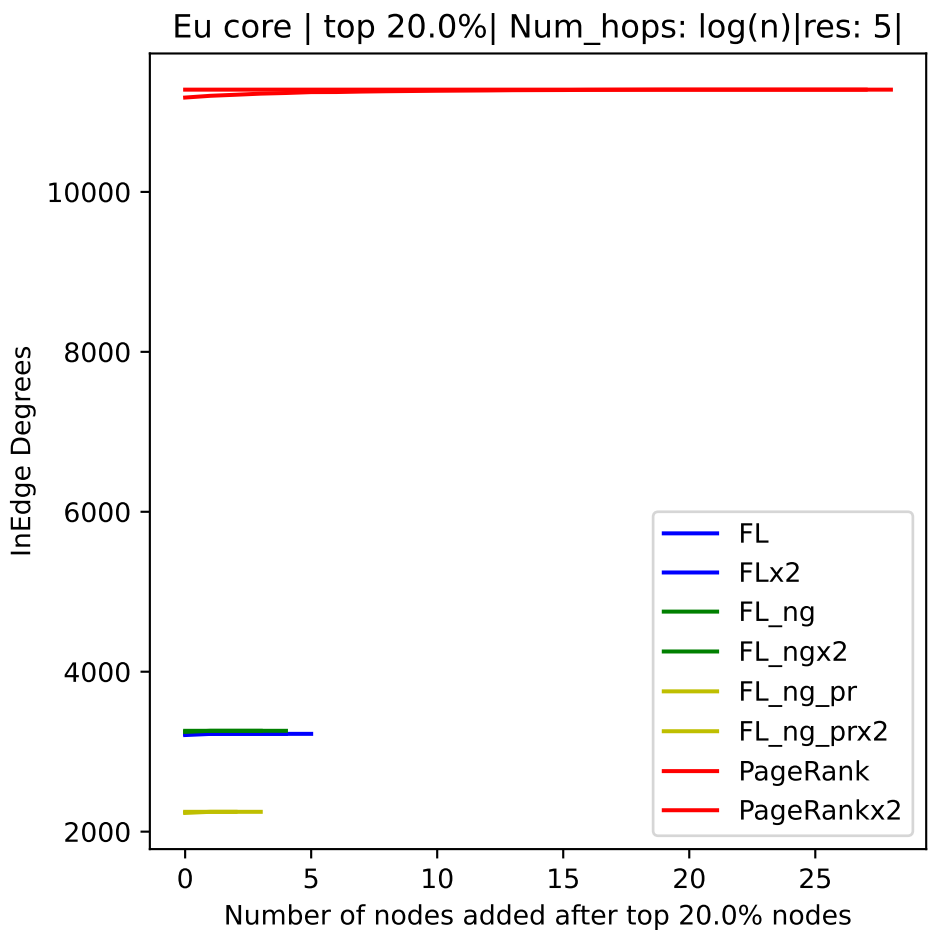

Eu core | top 20.0%| Num_hops: log(n)|res: 0.05|
InEdge Degrees
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


Eu core | top 20.0%| Num_hops: log(n)|res: 0.25|
InEdge Degrees
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


Eu core | top 20.0%| Num_hops: log(n)|res: 0.5|
InEdge Degrees
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


Eu core | top 20.0%| Num_hops: log(n)|res: 1|
InEdge Degrees
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


Eu core | top 20.0%| Num_hops: log(n)|res: 1.5|
InEdge Degrees
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


Eu core | top 20.0%| Num_hops: log(n)|res: 5|
InEdge Degrees
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2