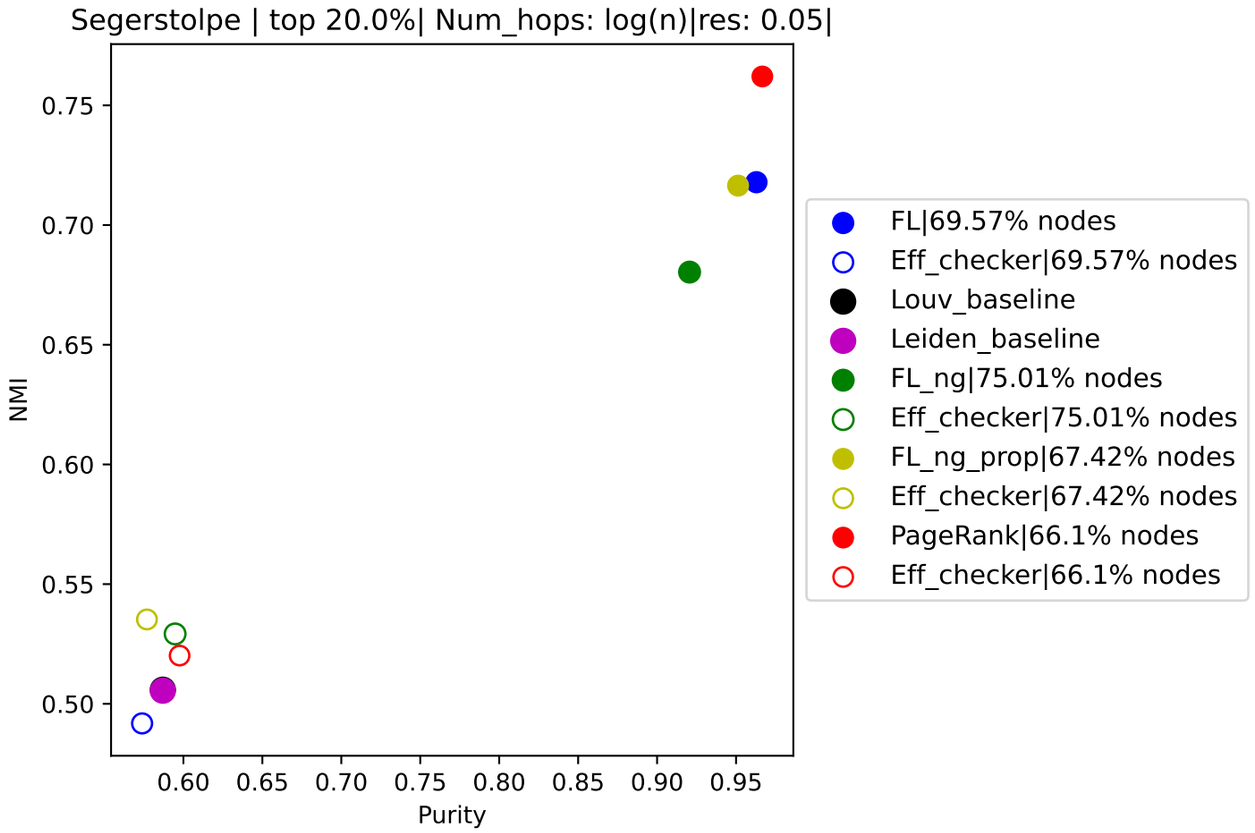
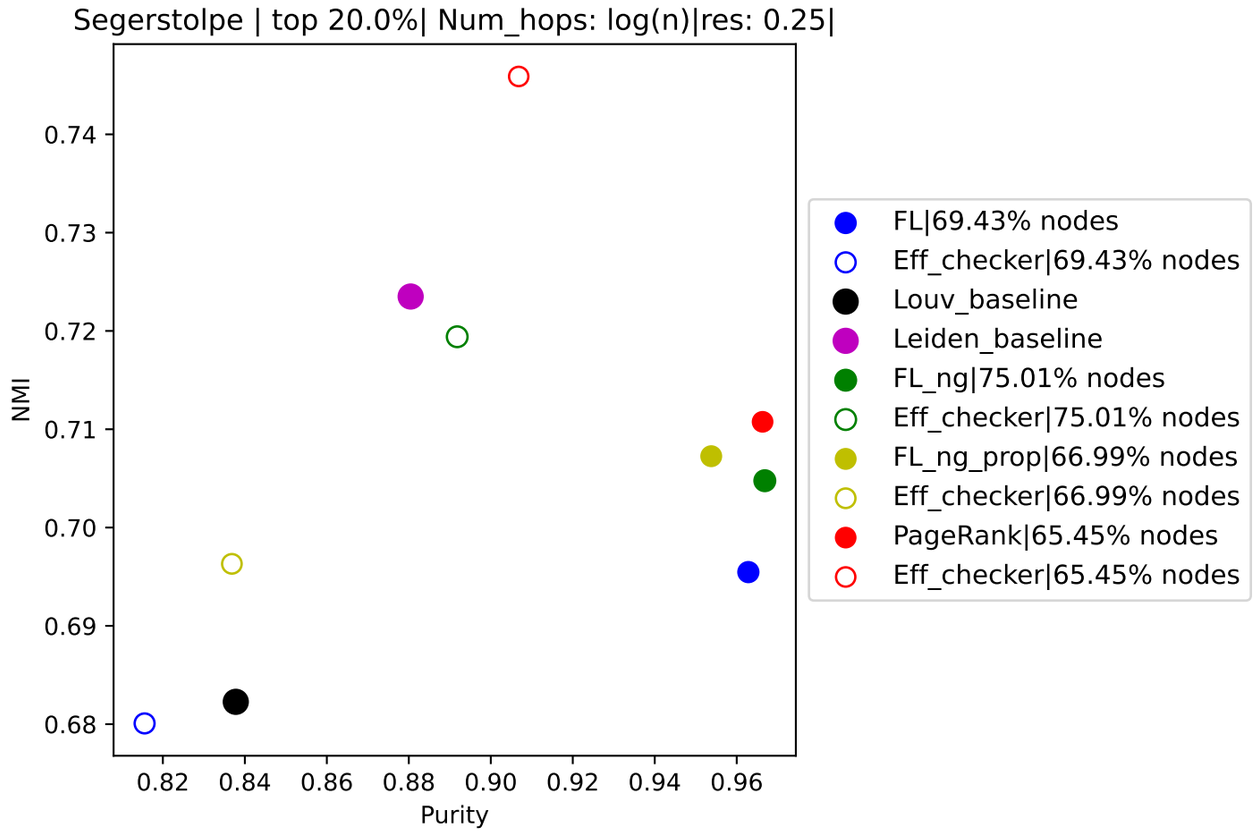
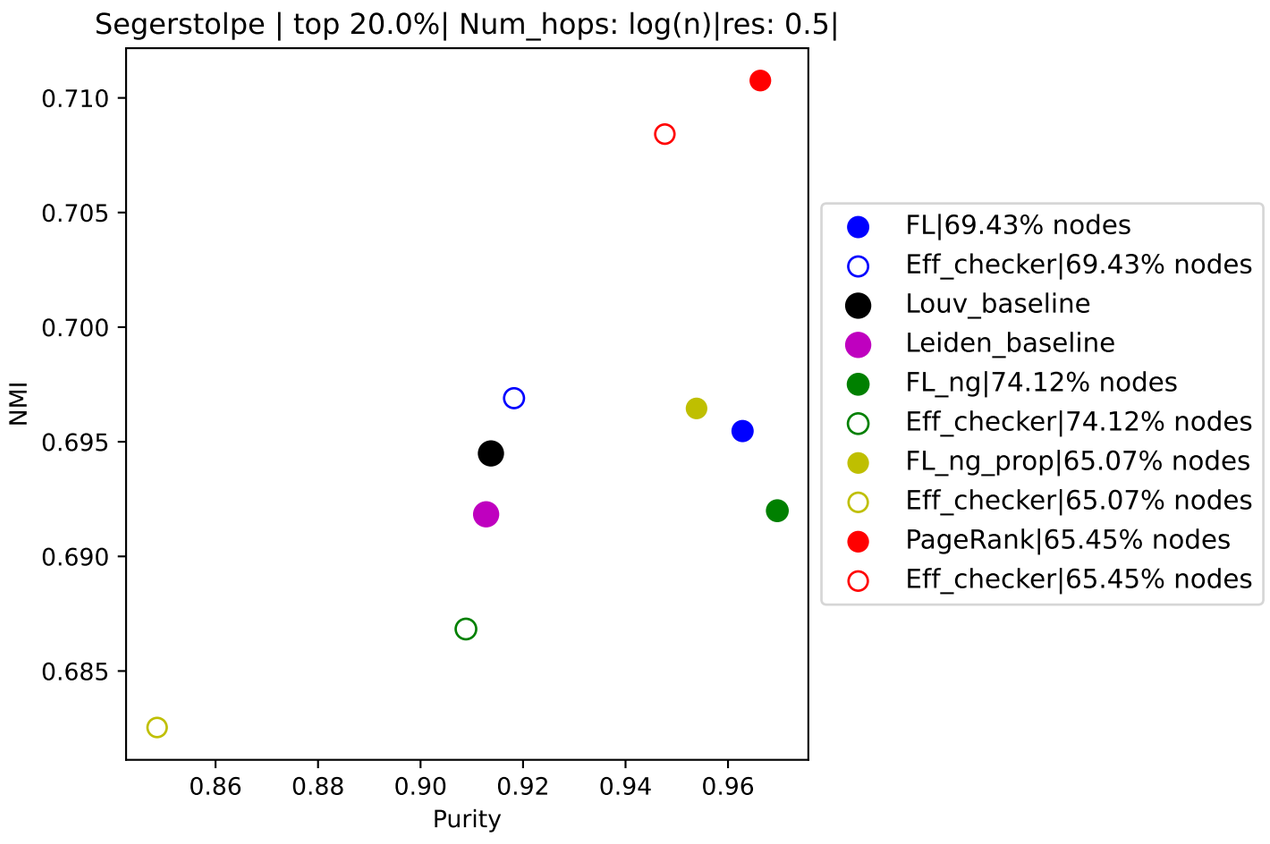
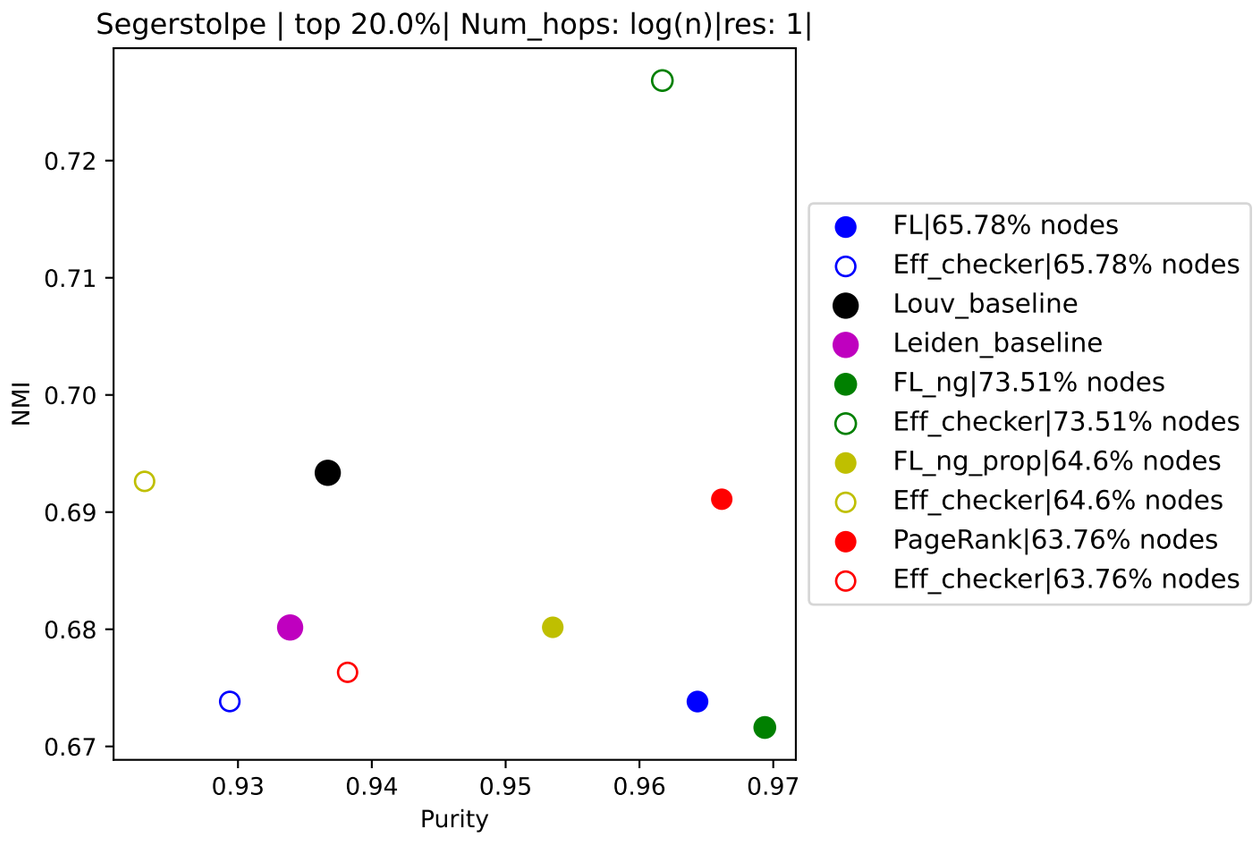
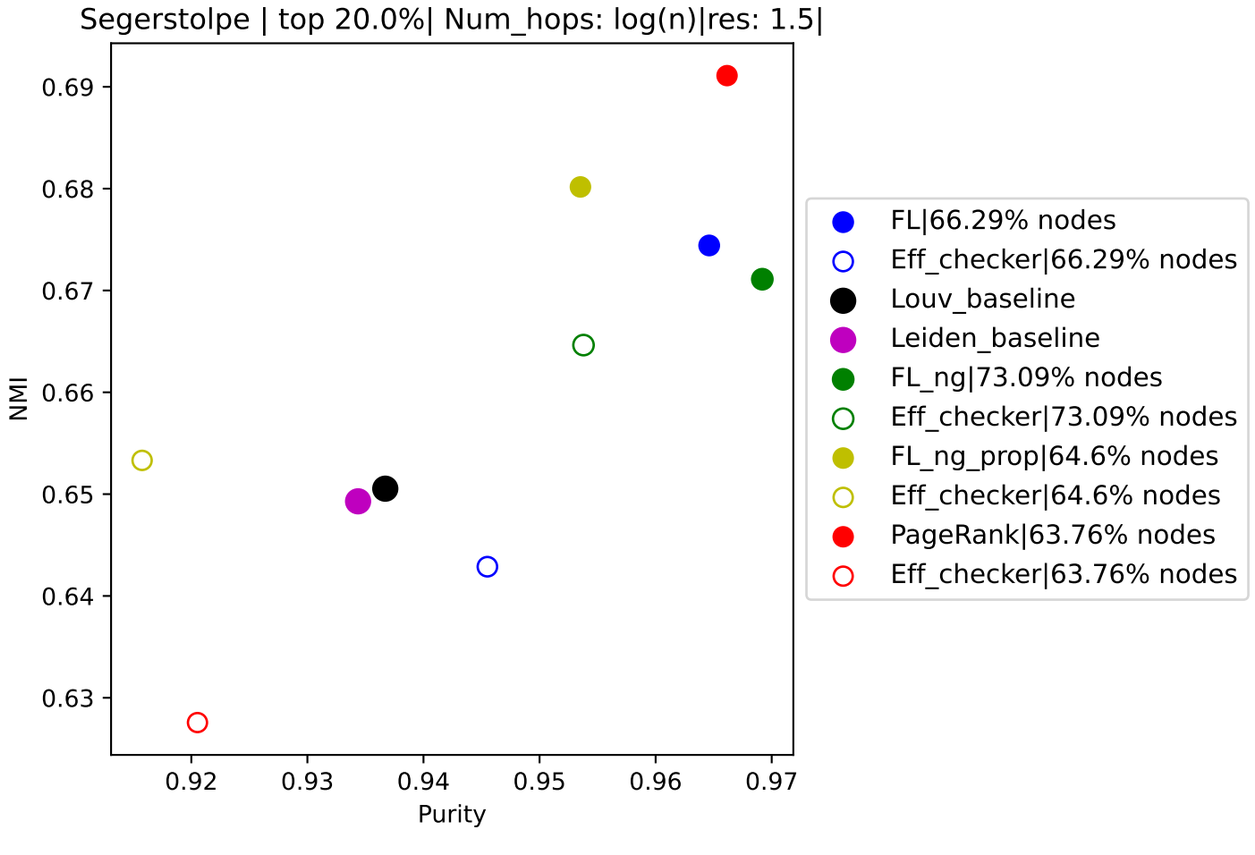
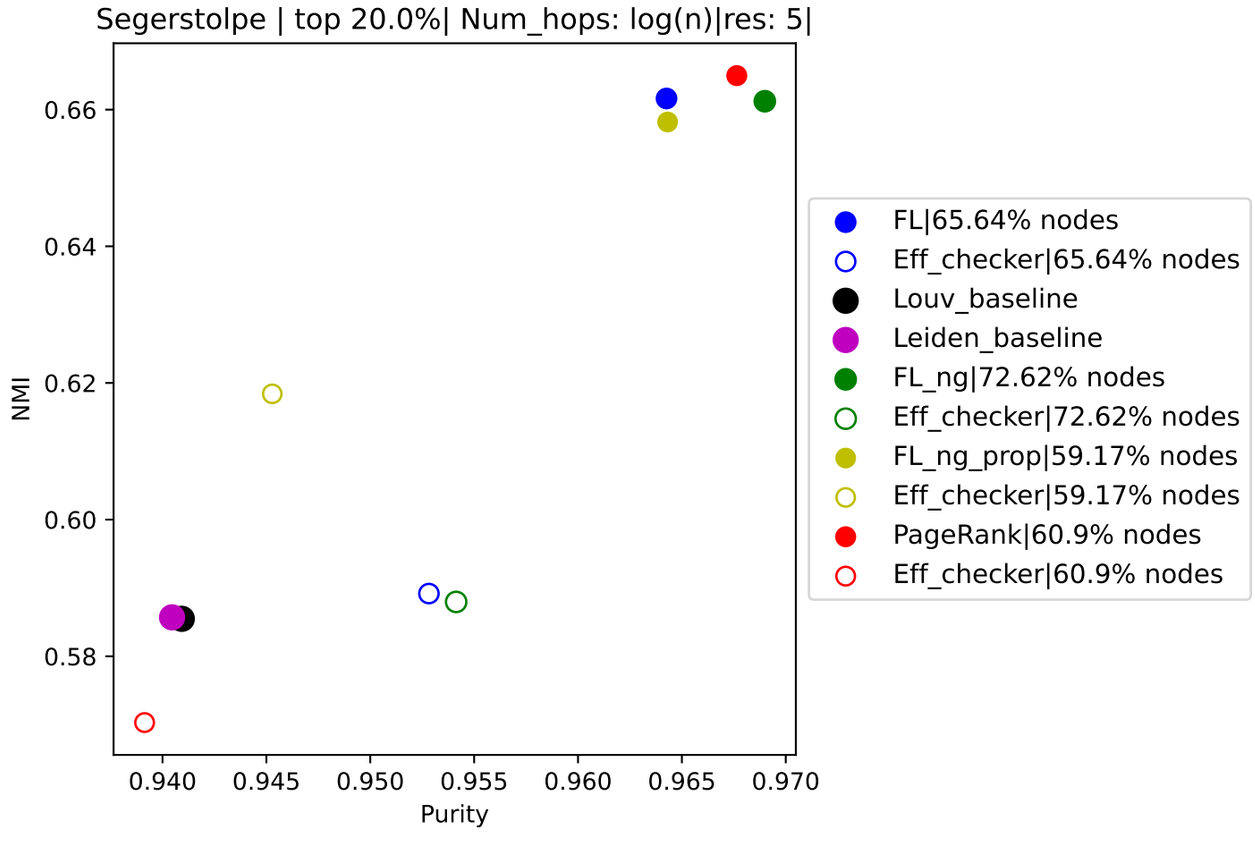

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.05|
NMI
Purity
0.75
0.70
0.65
0.60
0.55
0.50
0.60 0.65 0.70 0.75 0.80 0.85 0.90 0.95
FL|69.57% nodes
Eff_checker|69.57% nodes
Louv_baseline
Leiden_baseline
FL_ng|75.01% nodes
Eff_checker|75.01% nodes
FL_ng_prop|67.42% nodes
Eff_checker|67.42% nodes
PageRank|66.1% nodes
Eff_checker|66.1% nodes

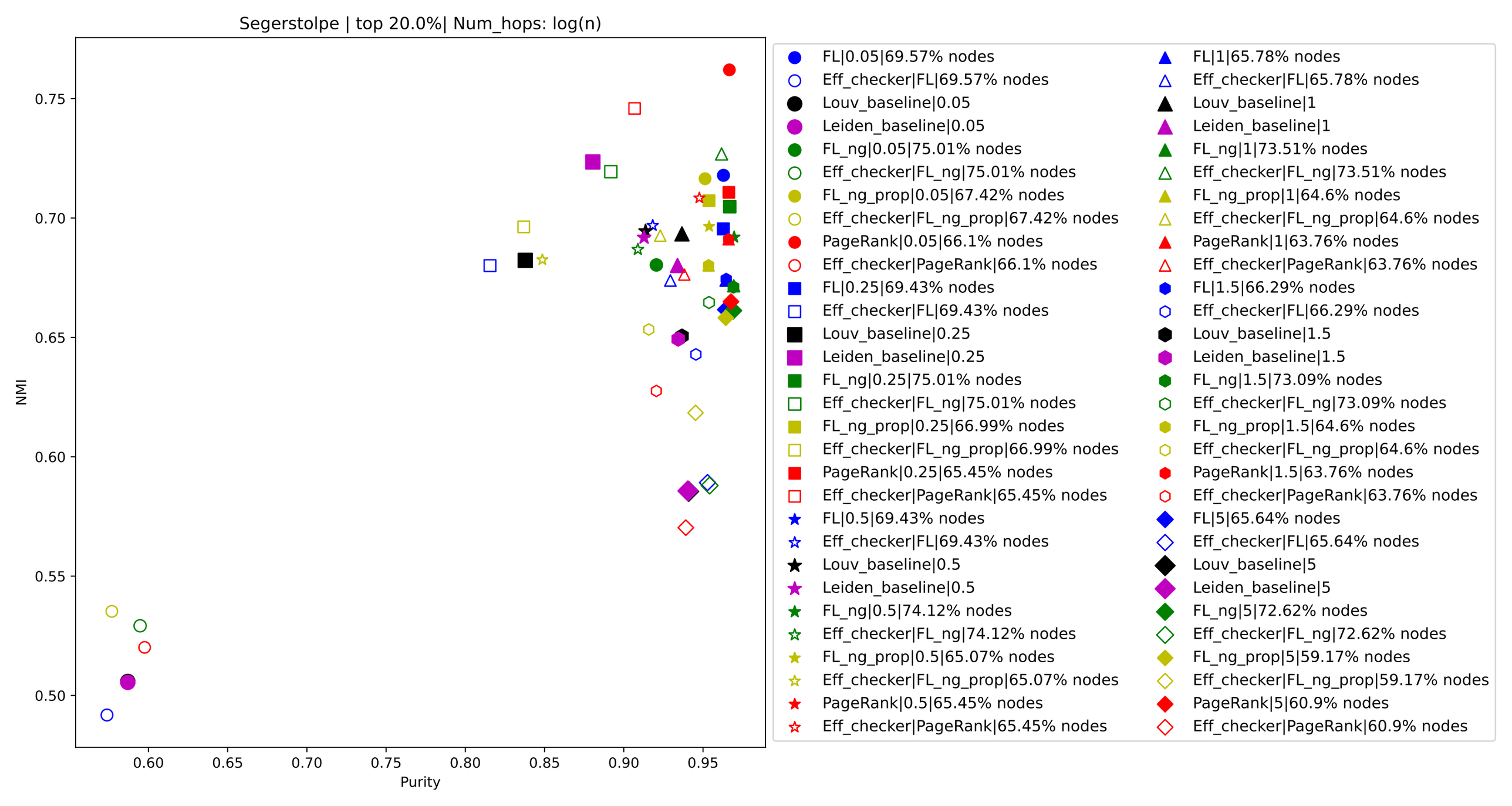

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.25|
NMI
Purity
0.74
0.73
0.72
0.71
0.70
0.69
0.68
0.82 0.84 0.86 0.88 0.90 0.92 0.94 0.96
FL|69.43% nodes
Eff_checker|69.43% nodes
Louv_baseline
Leiden_baseline
FL_ng|75.01% nodes
Eff_checker|75.01% nodes
FL_ng_prop|66.99% nodes
Eff_checker|66.99% nodes
PageRank|65.45% nodes
Eff_checker|65.45% nodes

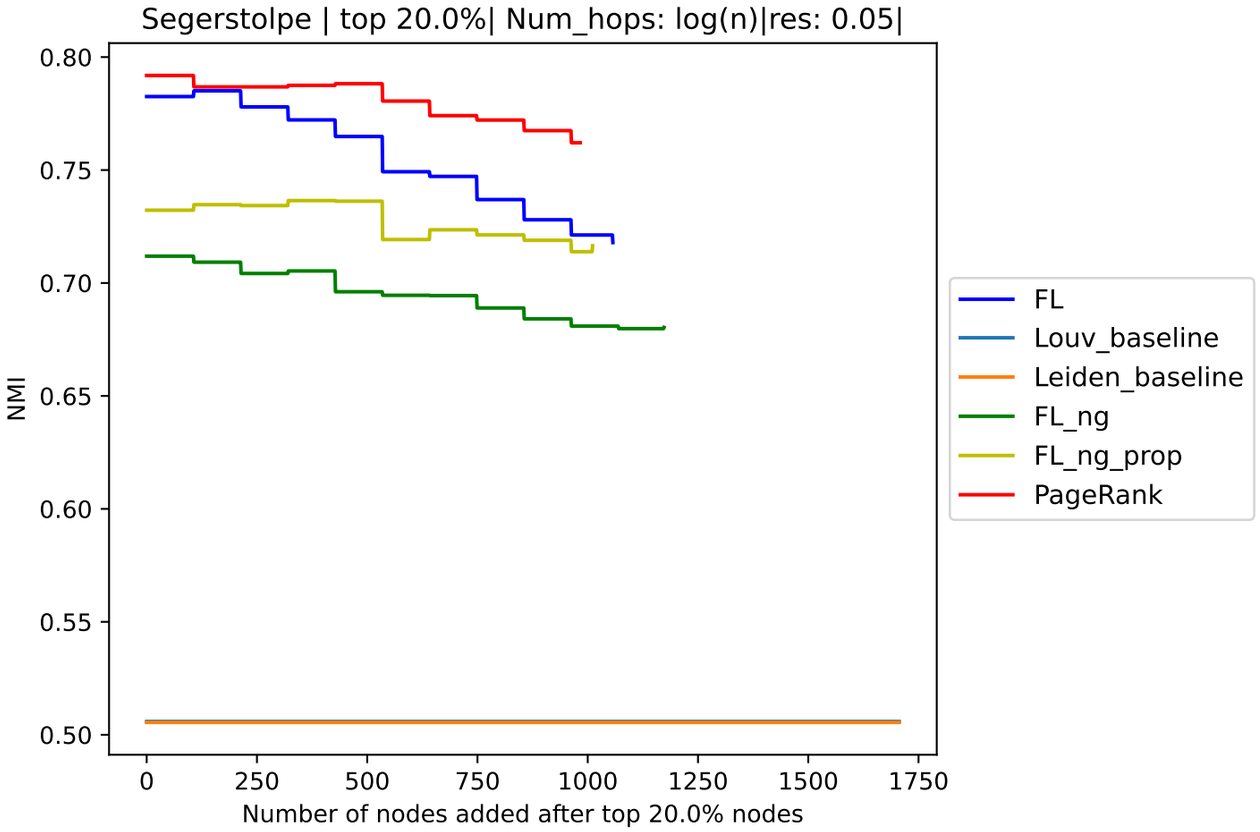

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.5|
NMI
Purity
0.710
0.705
0.700
0.695
0.690
0.685
0.86 0.88 0.90 0.92 0.94 0.96
FL|69.43% nodes
Eff_checker|69.43% nodes
Louv_baseline
Leiden_baseline
FL_ng|74.12% nodes
Eff_checker|74.12% nodes
FL_ng_prop|65.07% nodes
Eff_checker|65.07% nodes
PageRank|65.45% nodes
Eff_checker|65.45% nodes

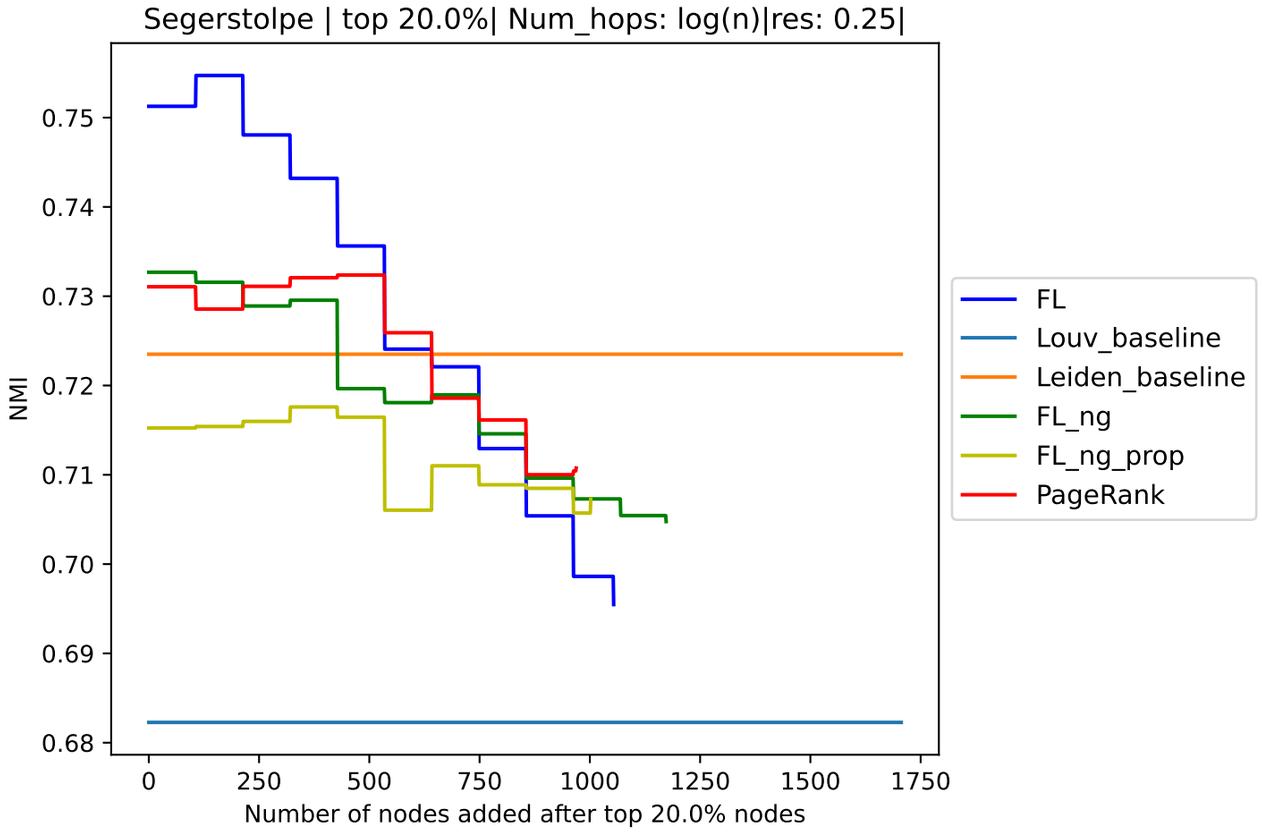

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1|
NMI
Purity
0.72
0.71
0.70
0.69
0.68
0.67
0.93 0.94 0.95 0.96 0.97
FL|65.78% nodes
Eff_checker|65.78% nodes
Louv_baseline
Leiden_baseline
FL_ng|73.51% nodes
Eff_checker|73.51% nodes
FL_ng_prop|64.6% nodes
Eff_checker|64.6% nodes
PageRank|63.76% nodes
Eff_checker|63.76% nodes

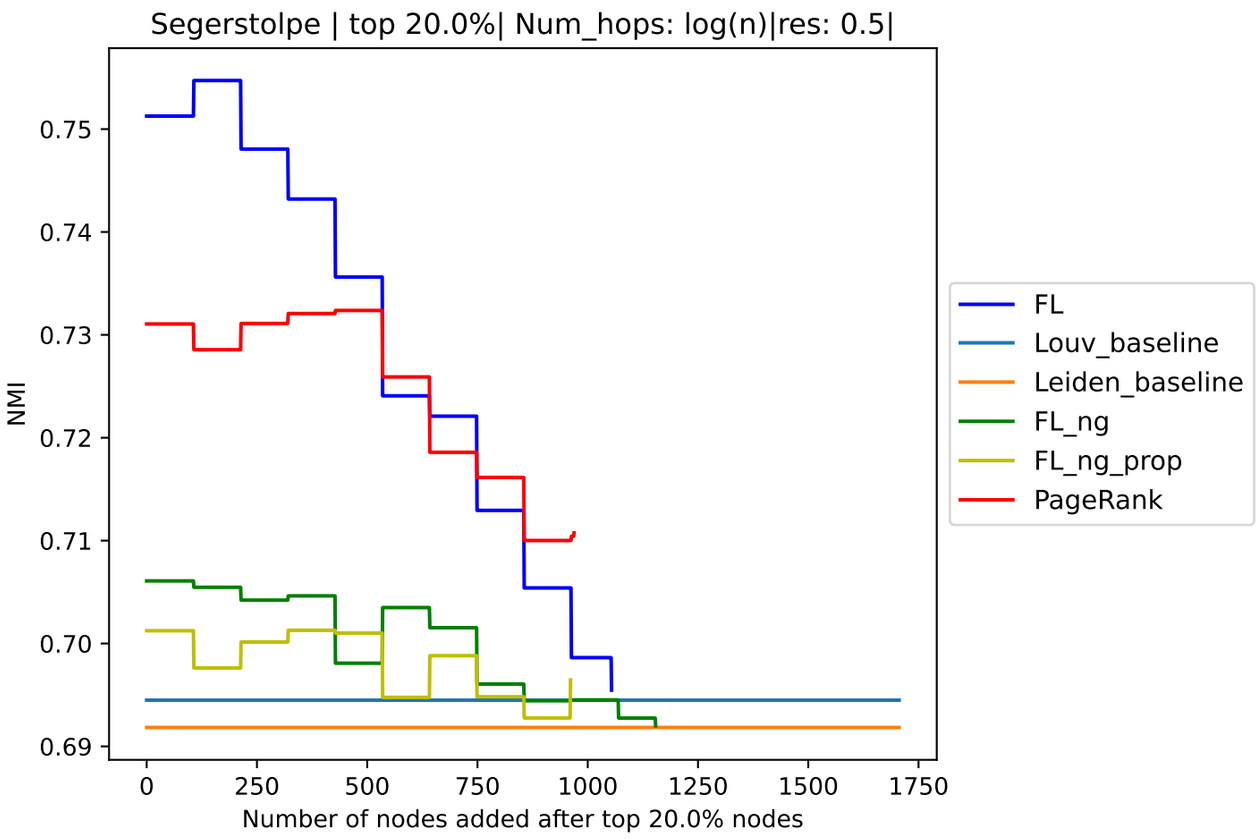

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1.5|
NMI
Purity
0.69
0.68
0.67
0.66
0.65
0.64
0.63
0.92 0.93 0.94 0.95 0.96 0.97
FL|66.29% nodes
Eff_checker|66.29% nodes
Louv_baseline
Leiden_baseline
FL_ng|73.09% nodes
Eff_checker|73.09% nodes
FL_ng_prop|64.6% nodes
Eff_checker|64.6% nodes
PageRank|63.76% nodes
Eff_checker|63.76% nodes

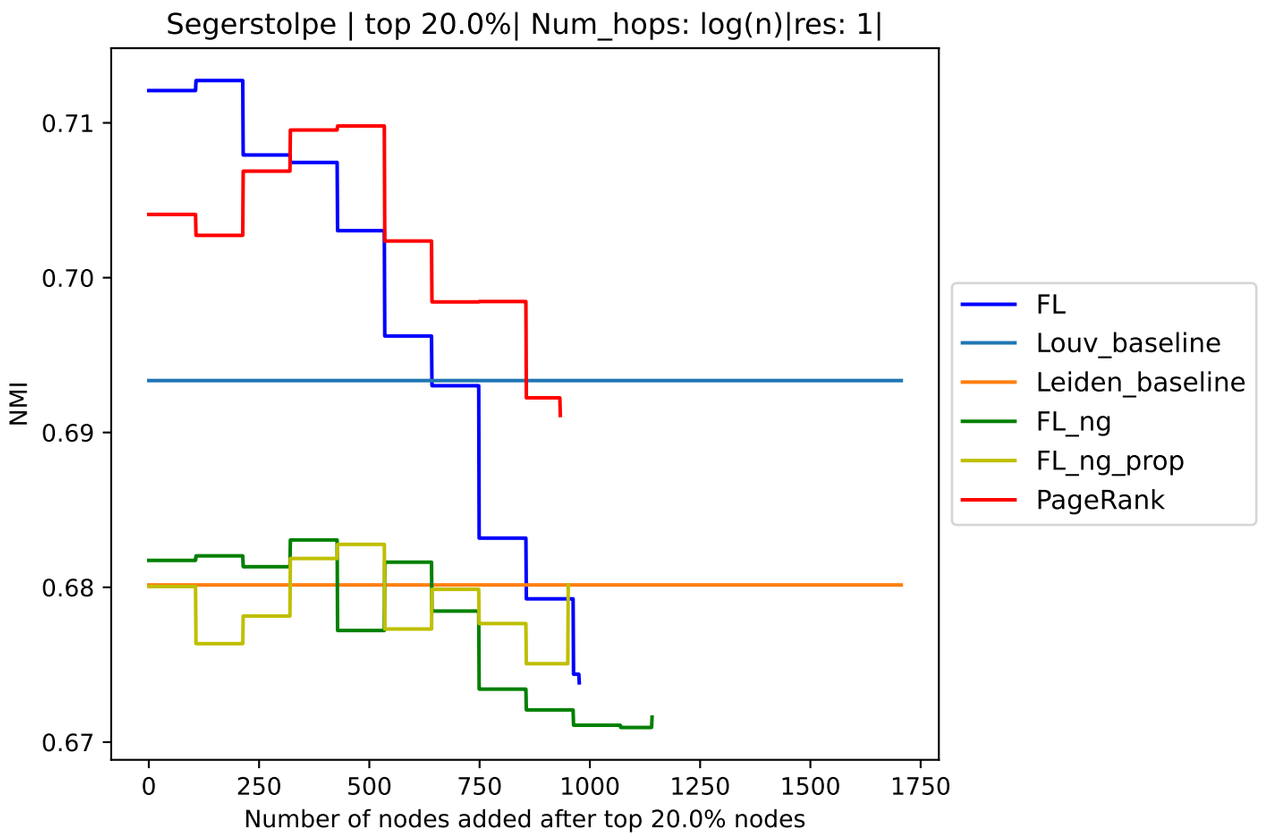

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 5|
NMI
Purity
0.66
0.64
0.62
0.60
0.58
0.940 0.945 0.950 0.955 0.960 0.965 0.970
FL|65.64% nodes
Eff_checker|65.64% nodes
Louv_baseline
Leiden_baseline
FL_ng|72.62% nodes
Eff_checker|72.62% nodes
FL_ng_prop|59.17% nodes
Eff_checker|59.17% nodes
PageRank|60.9% nodes
Eff_checker|60.9% nodes

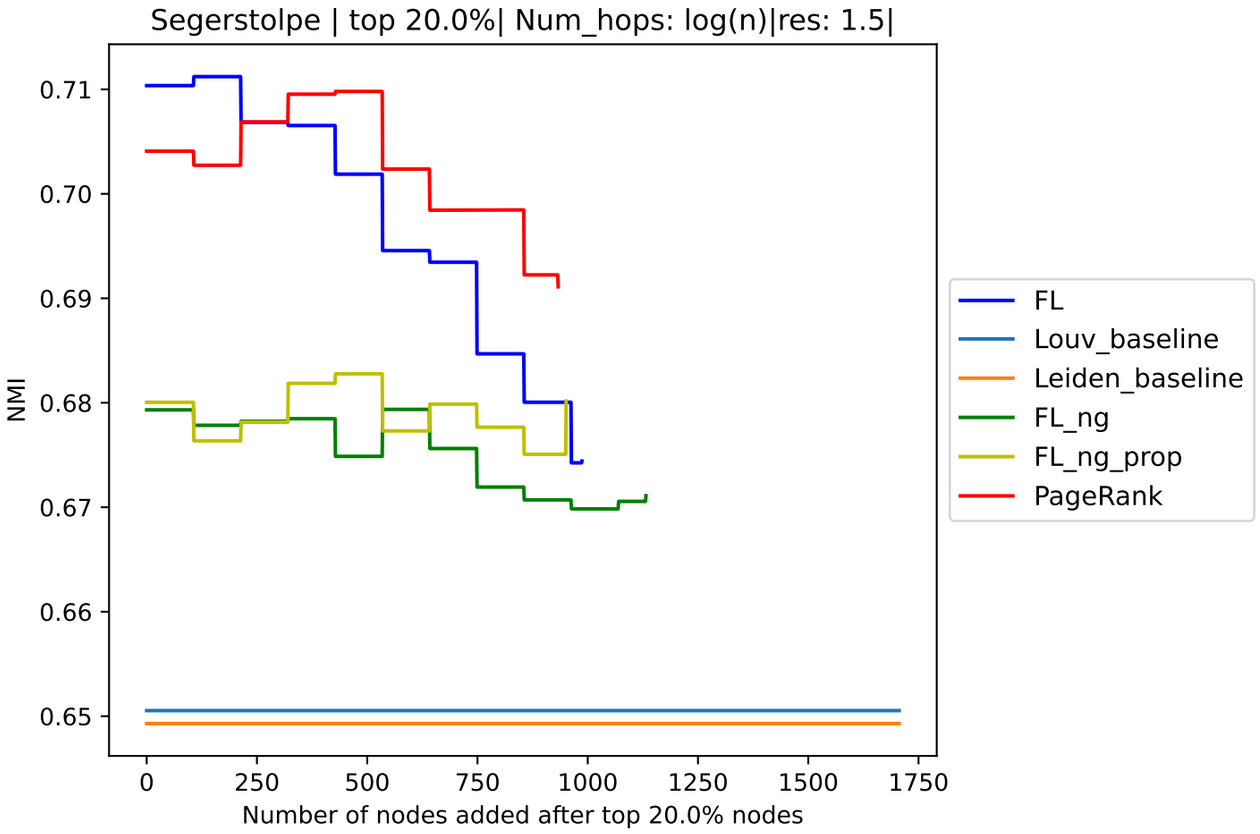

Segerstolpe | top 20.0%| Num_hops: log(n)
NMI
Purity
0.75
0.70
0.65
0.60
0.55
0.50
0.60
0.65
0.70
0.75
0.80
0.85
0.90
0.95
FL|0.05|69.57% nodes
Eff_checker|FL|69.57% nodes
Louv_baseline|0.05
Leiden_baseline|0.05
FL_ng|0.05|75.01% nodes
Eff_checker|FL_ng|75.01% nodes
FL_ng_prop|0.05|67.42% nodes
Eff_checker|FL_ng_prop|67.42% nodes
PageRank|0.05|66.1% nodes
Eff_checker|PageRank|66.1% nodes
FL|0.25|69.43% nodes
Eff_checker|FL|69.43% nodes
Louv_baseline|0.25
Leiden_baseline|0.25
FL_ng|0.25|75.01% nodes
Eff_checker|FL_ng|75.01% nodes
FL_ng_prop|0.25|66.99% nodes
Eff_checker|FL_ng_prop|66.99% nodes
PageRank|0.25|65.45% nodes
Eff_checker|PageRank|65.45% nodes
FL|0.5|69.43% nodes
Eff_checker|FL|69.43% nodes
Louv_baseline|0.5
Leiden_baseline|0.5
FL_ng|0.5|74.12% nodes
Eff_checker|FL_ng|74.12% nodes
FL_ng_prop|0.5|65.07% nodes
Eff_checker|FL_ng_prop|65.07% nodes
PageRank|0.5|65.45% nodes
Eff_checker|PageRank|65.45% nodes
FL|1|65.78% nodes
Eff_checker|FL|65.78% nodes
Louv_baseline|1
Leiden_baseline|1
FL_ng|1|73.51% nodes
Eff_checker|FL_ng|73.51% nodes
FL_ng_prop|1|64.6% nodes
Eff_checker|FL_ng_prop|64.6% nodes
PageRank|1|63.76% nodes
Eff_checker|PageRank|63.76% nodes
FL|1.5|66.29% nodes
Eff_checker|FL|66.29% nodes
Louv_baseline|1.5
Leiden_baseline|1.5
FL_ng|1.5|73.09% nodes
Eff_checker|FL_ng|73.09% nodes
FL_ng_prop|1.5|64.6% nodes
Eff_checker|FL_ng_prop|64.6% nodes
PageRank|1.5|63.76% nodes
Eff_checker|PageRank|63.76% nodes
FL|5|65.64% nodes
Eff_checker|FL|65.64% nodes
Louv_baseline|5
Leiden_baseline|5
FL_ng|5|72.62% nodes
Eff_checker|FL_ng|72.62% nodes
FL_ng_prop|5|59.17% nodes
Eff_checker|FL_ng_prop|59.17% nodes
PageRank|5|60.9% nodes
Eff_checker|PageRank|60.9% nodes

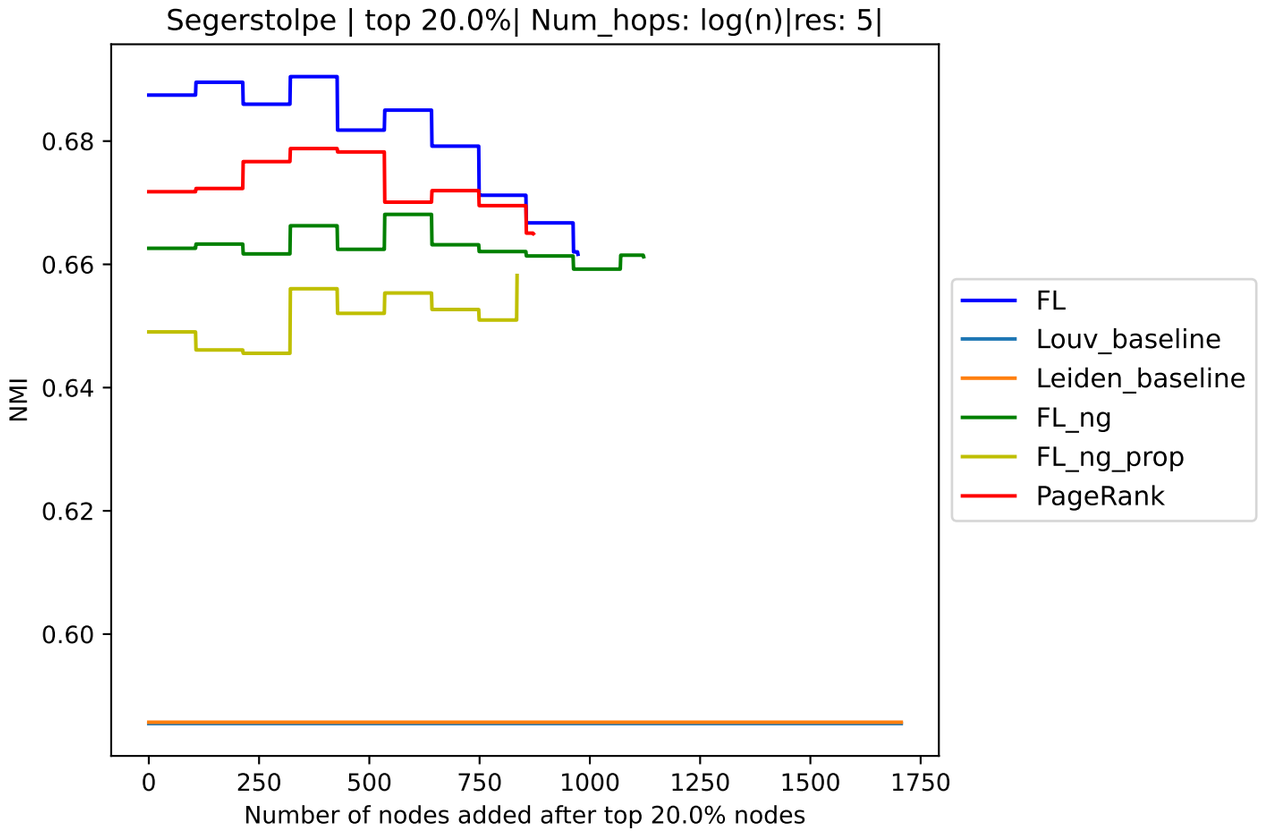

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.05|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

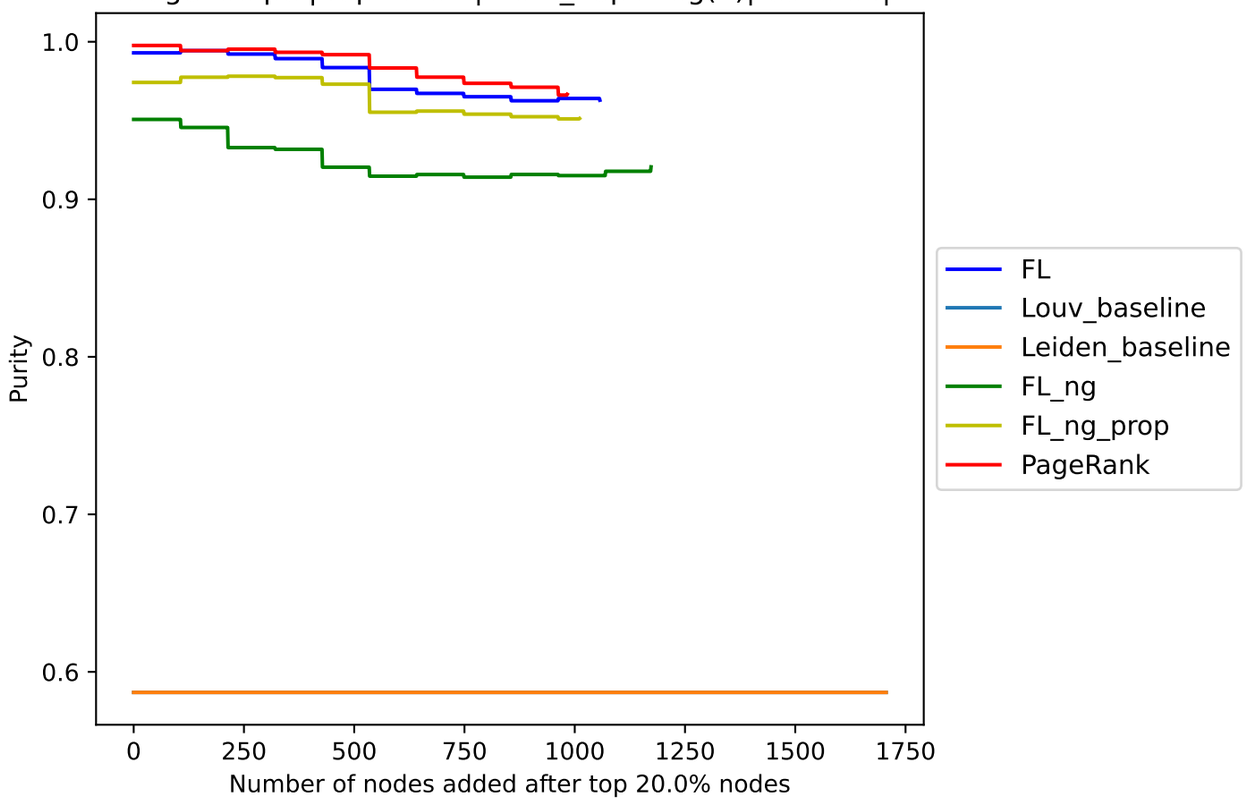

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.25|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

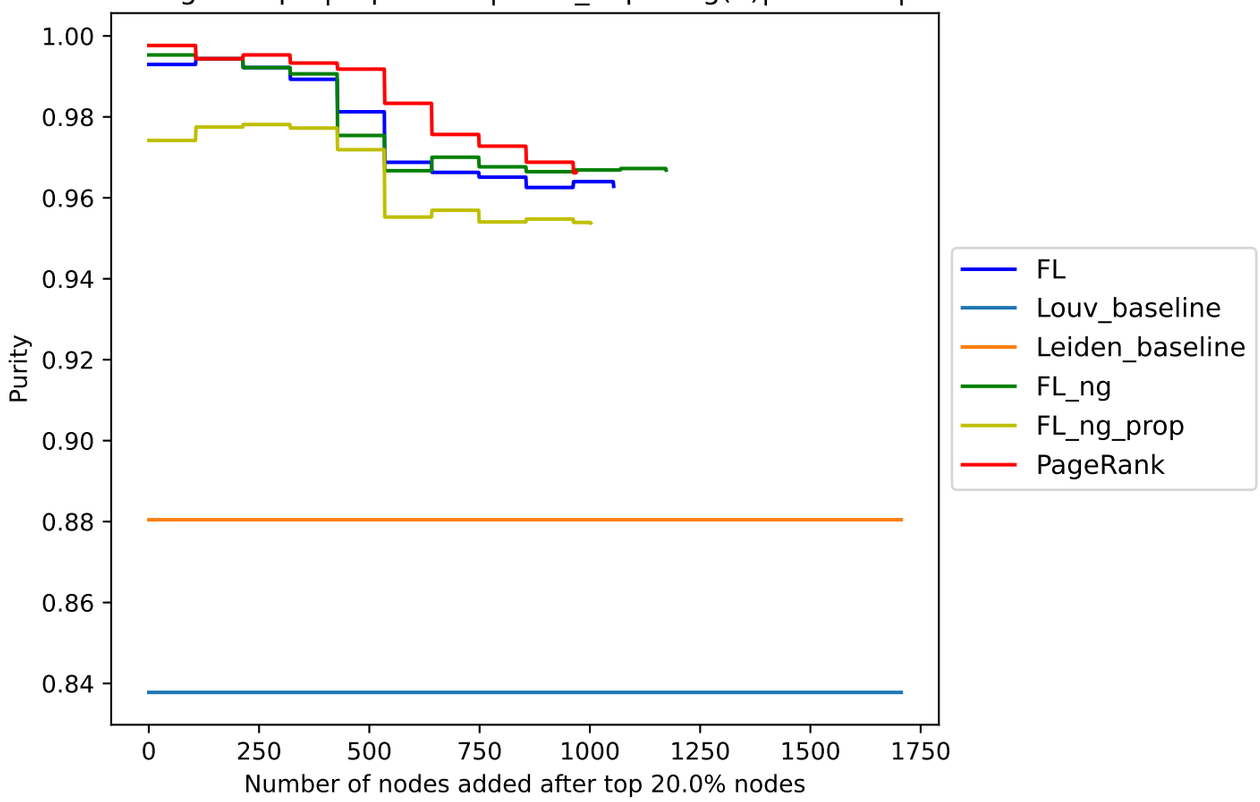

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

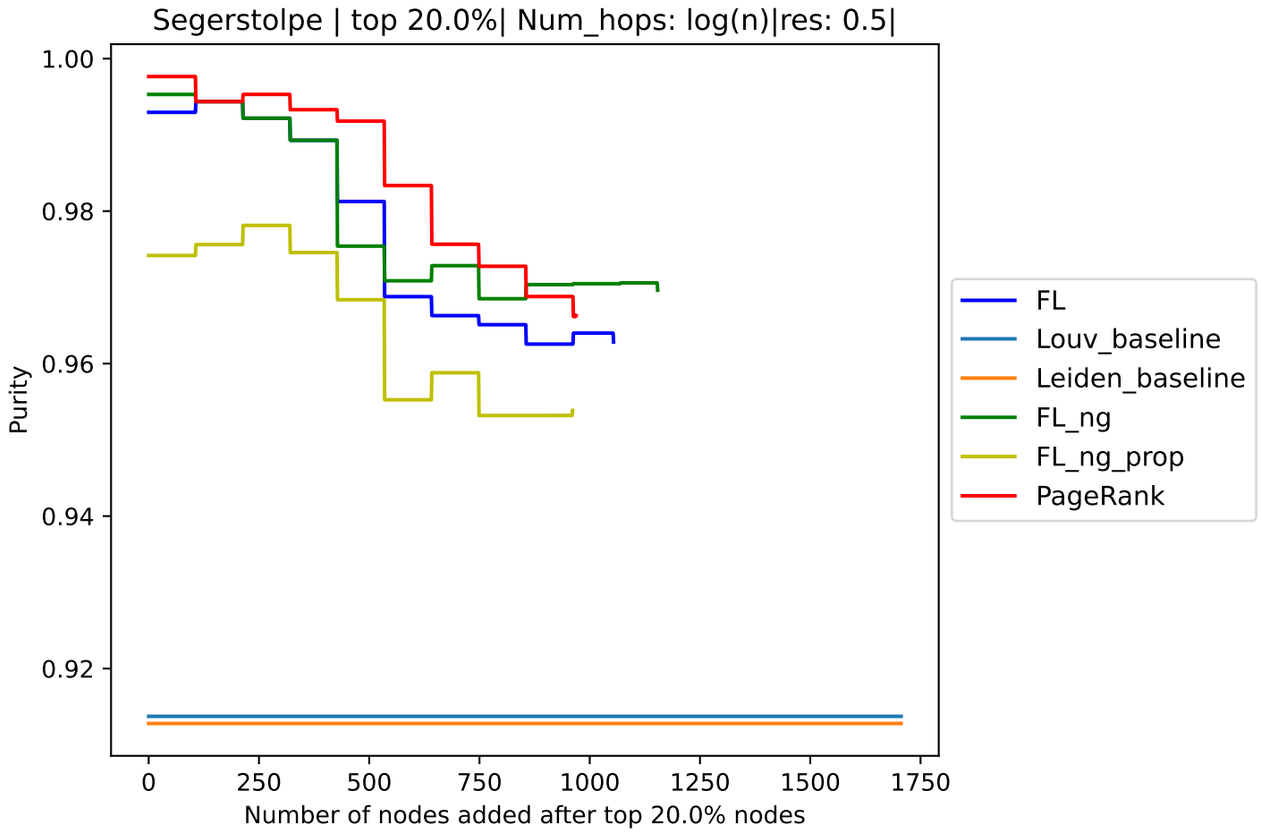

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

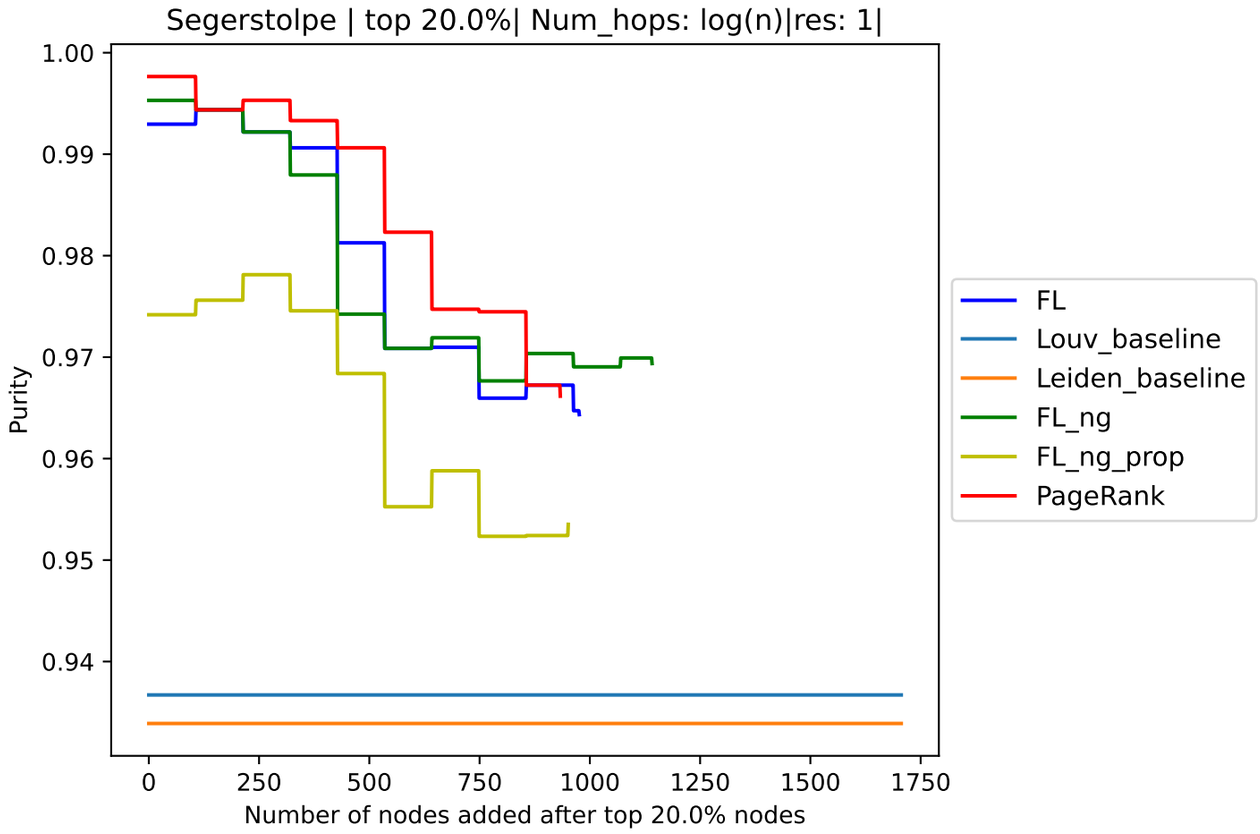

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1.5|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

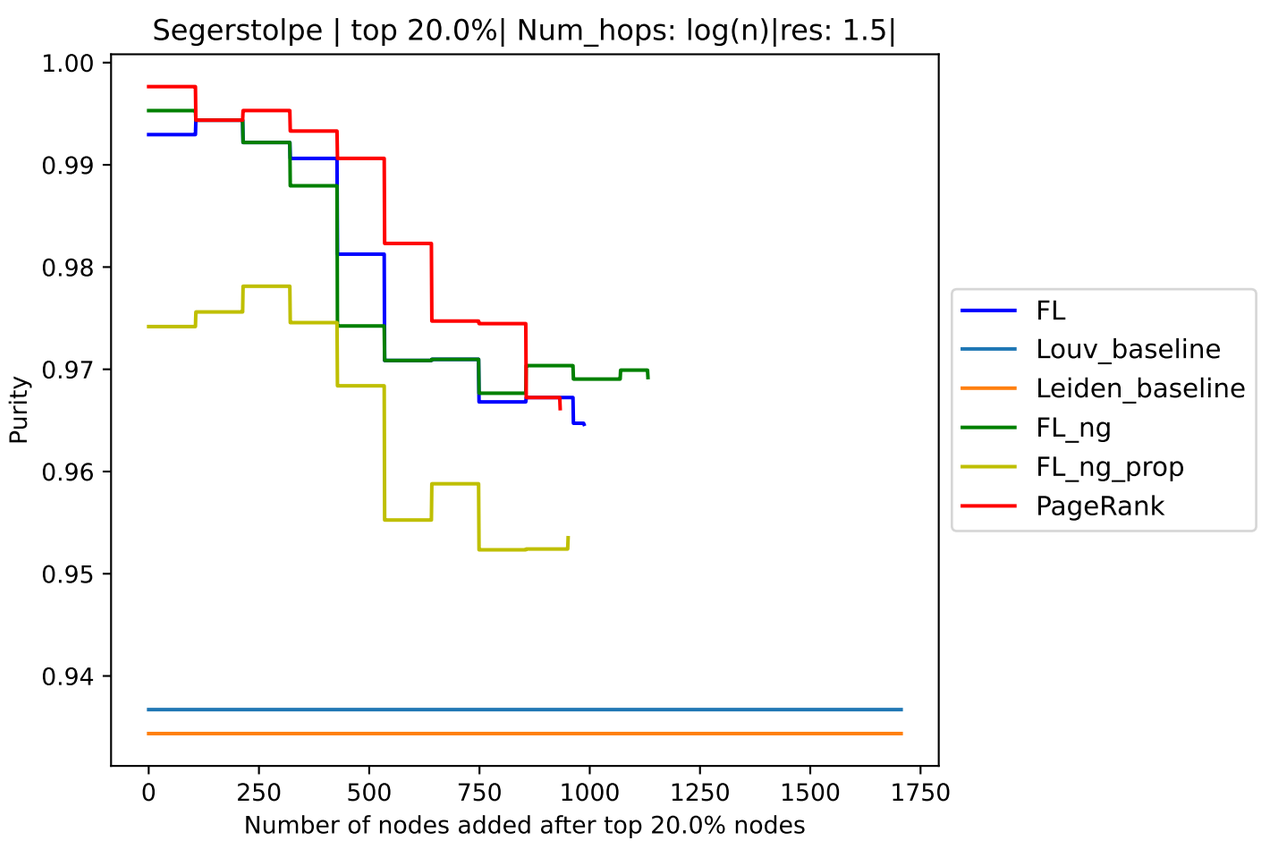

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 5|
NMI
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

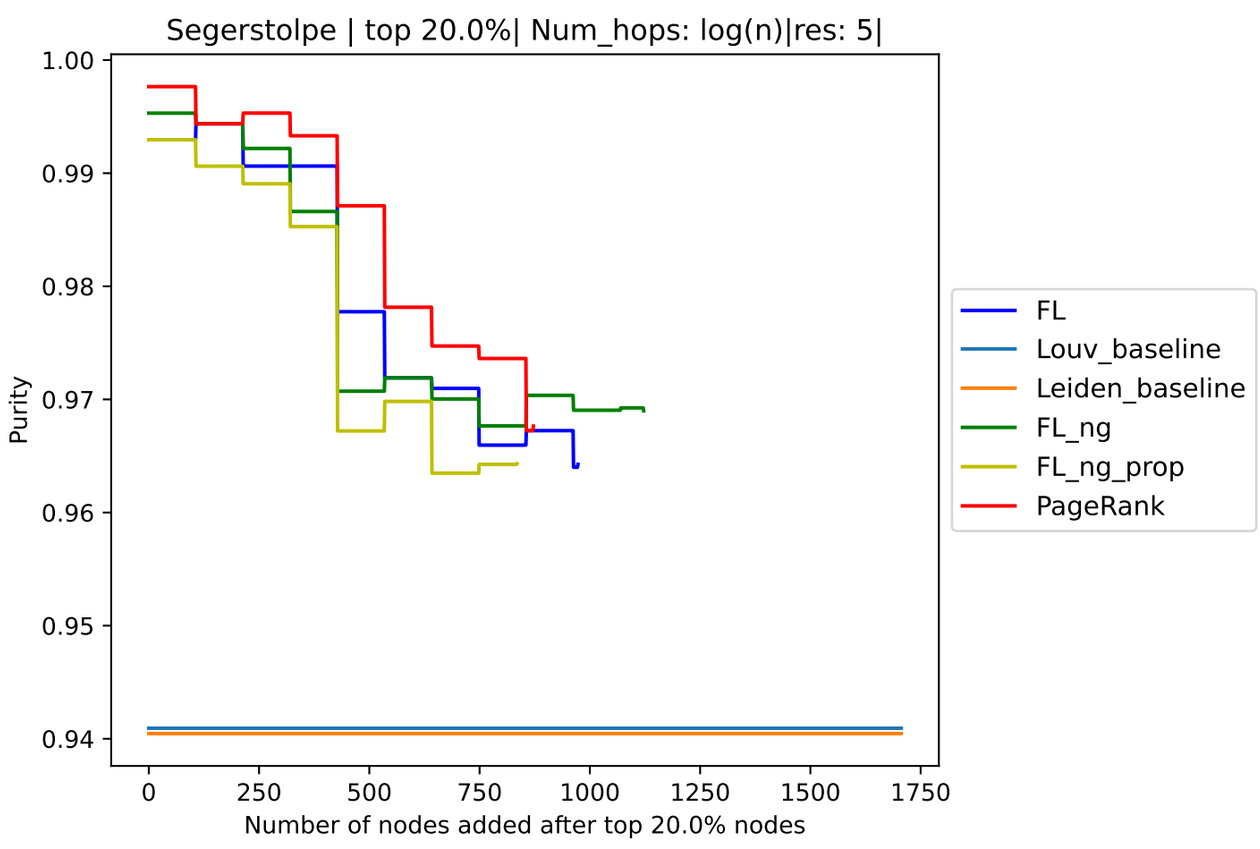

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.05|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

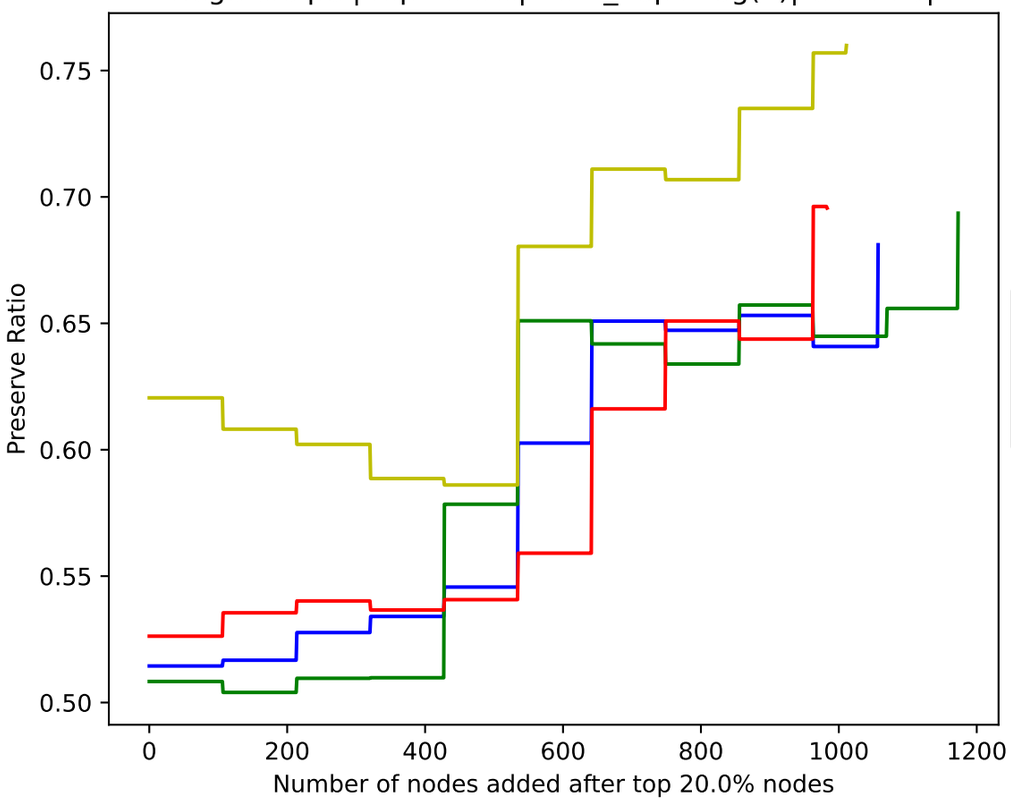

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.25|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

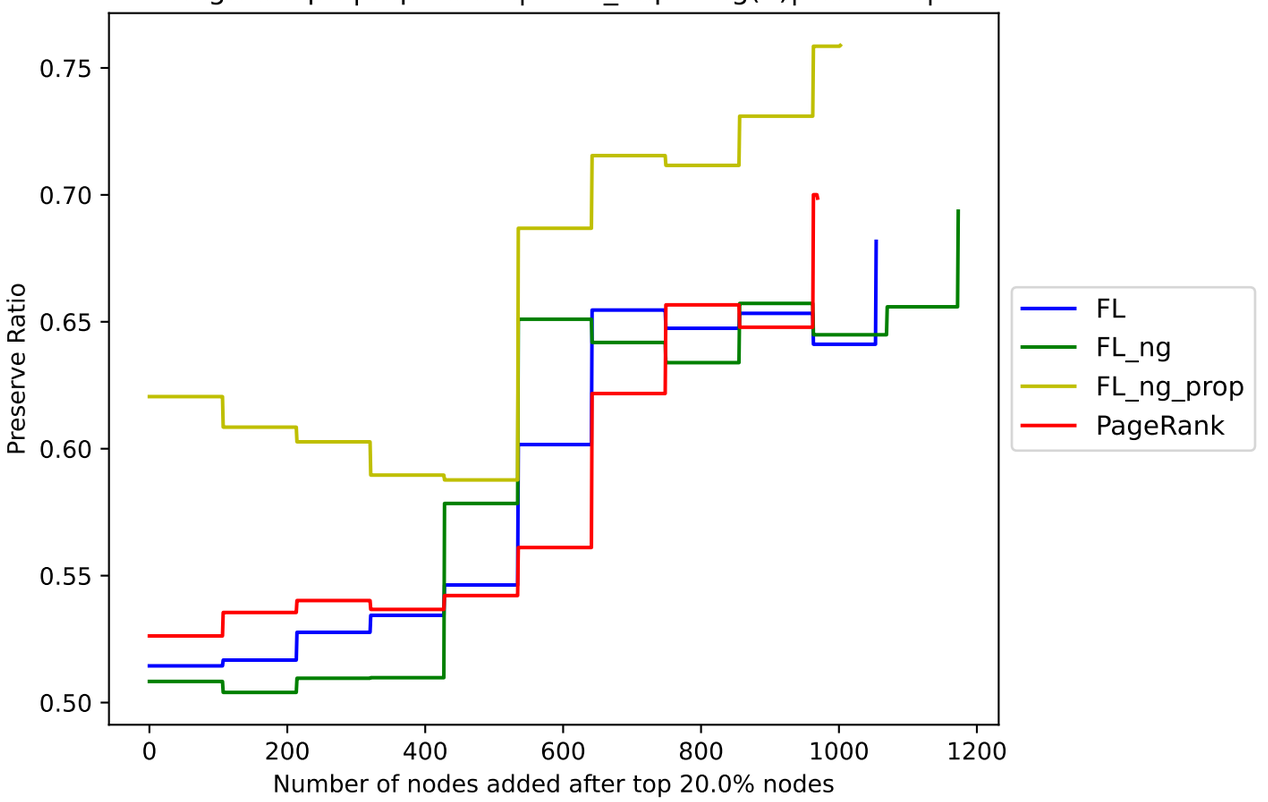

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.5|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

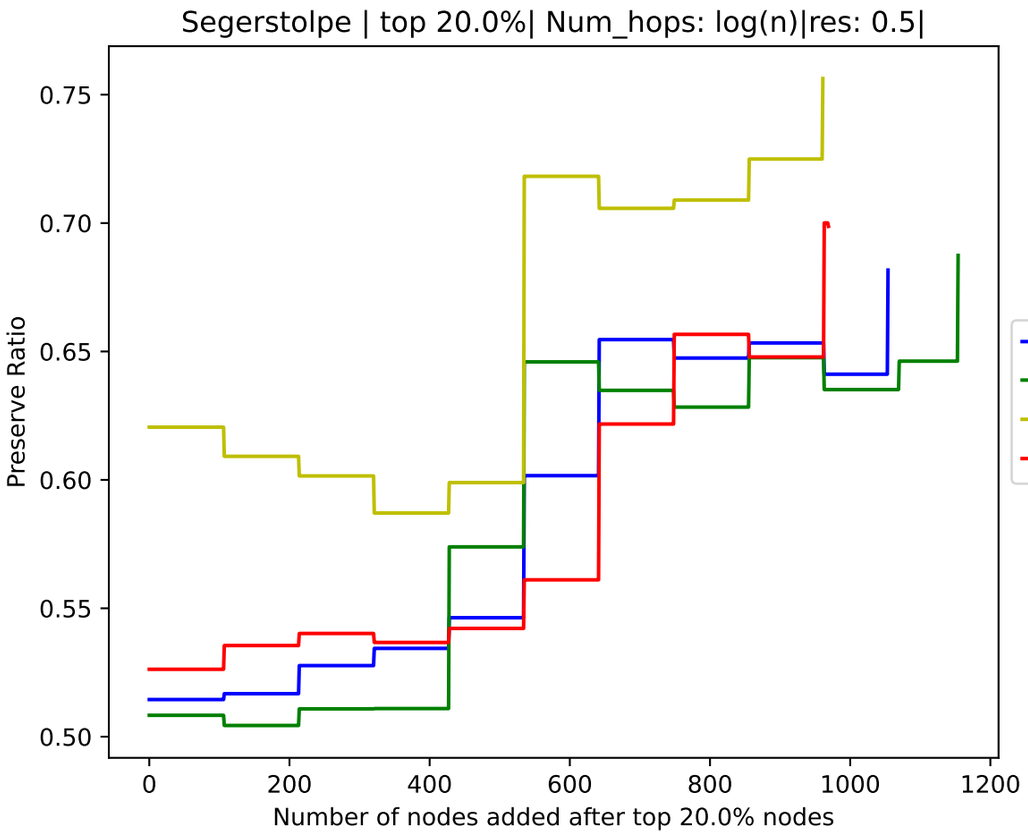

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

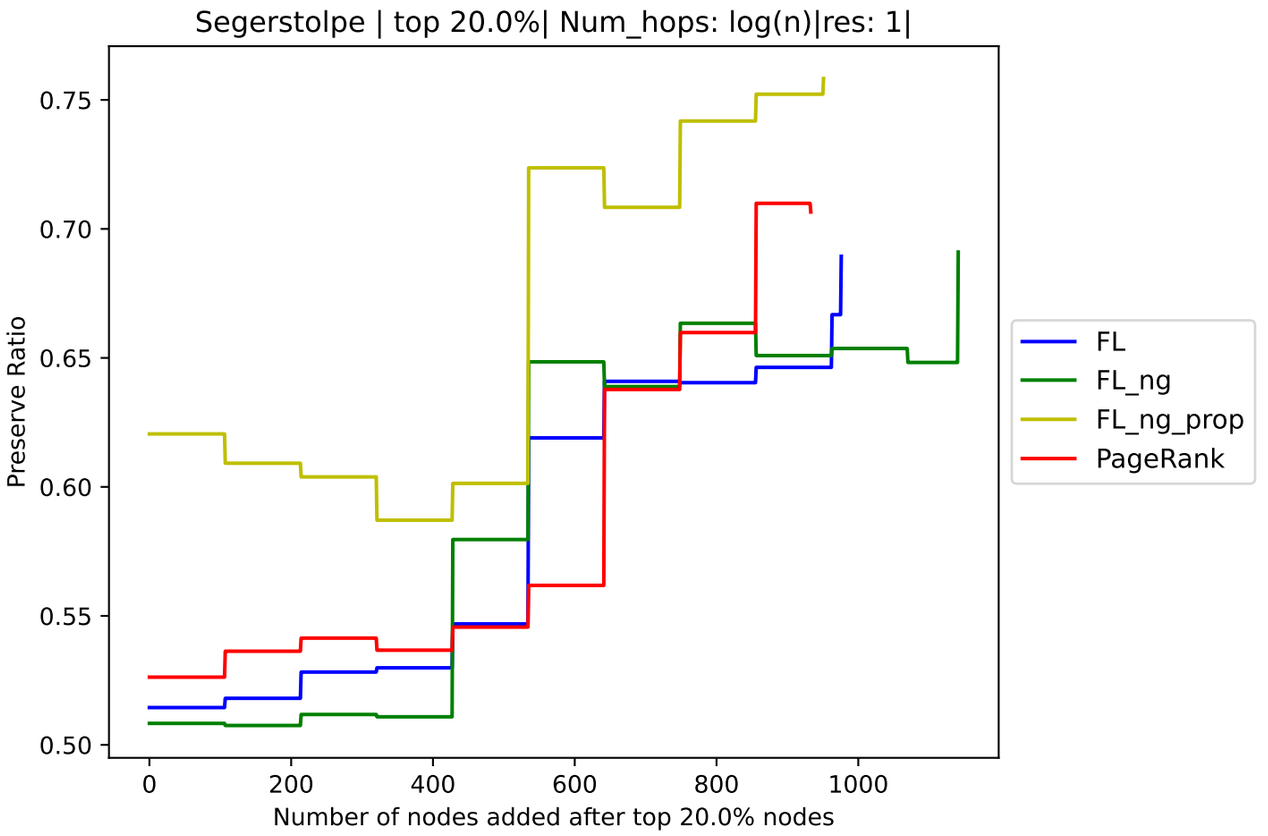

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1.5|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

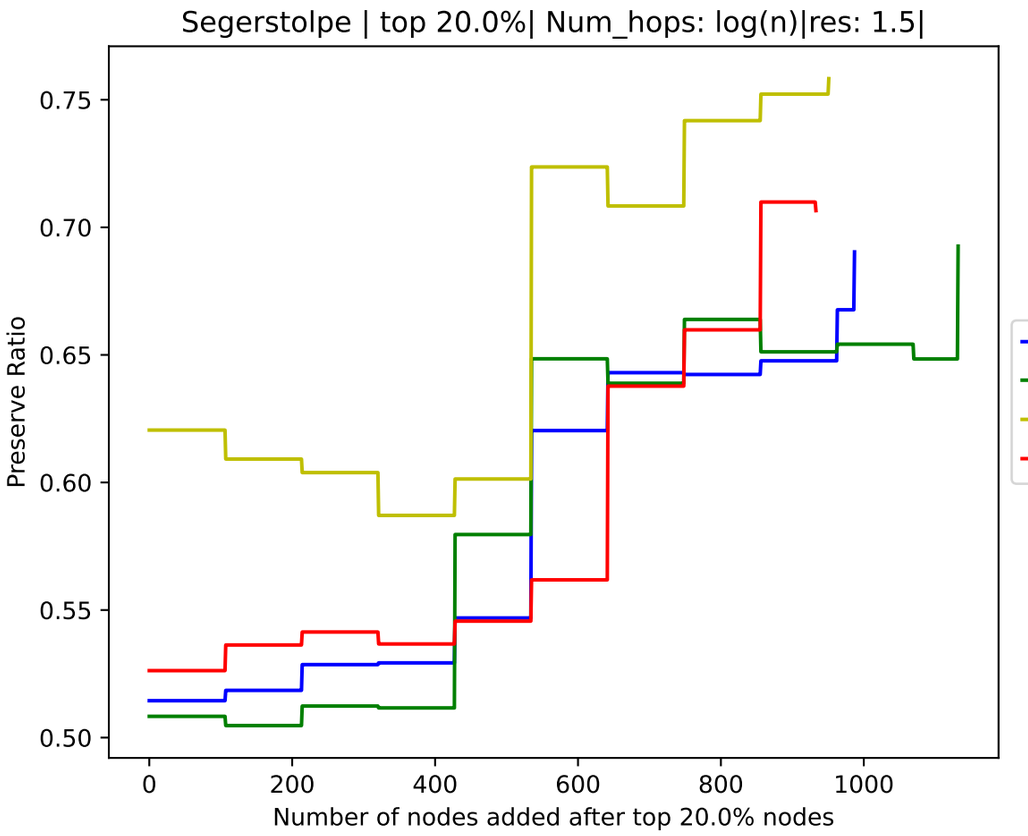

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 5|
Purity
Number of nodes added after top 20.0% nodes
FL
Louv_baseline
Leiden_baseline
FL_ng
FL_ng_prop
PageRank

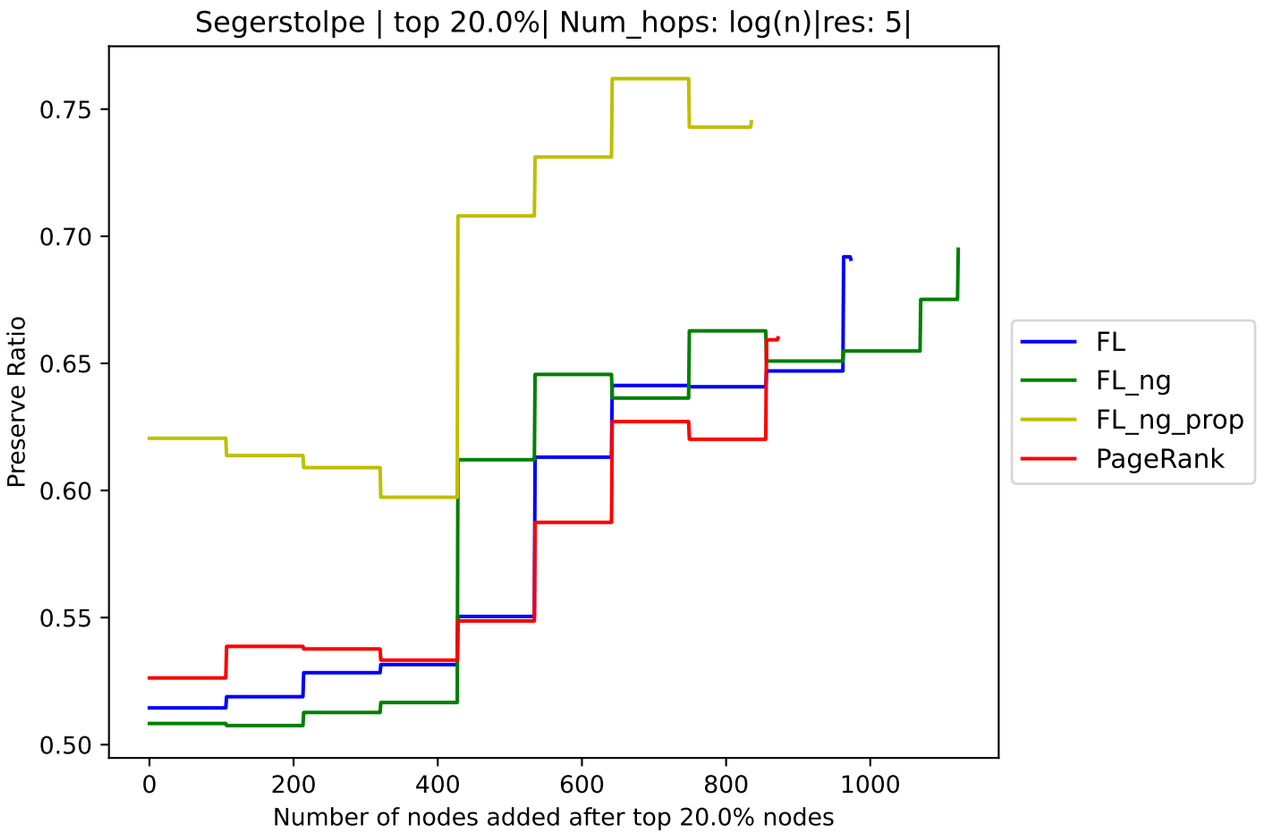

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.05|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

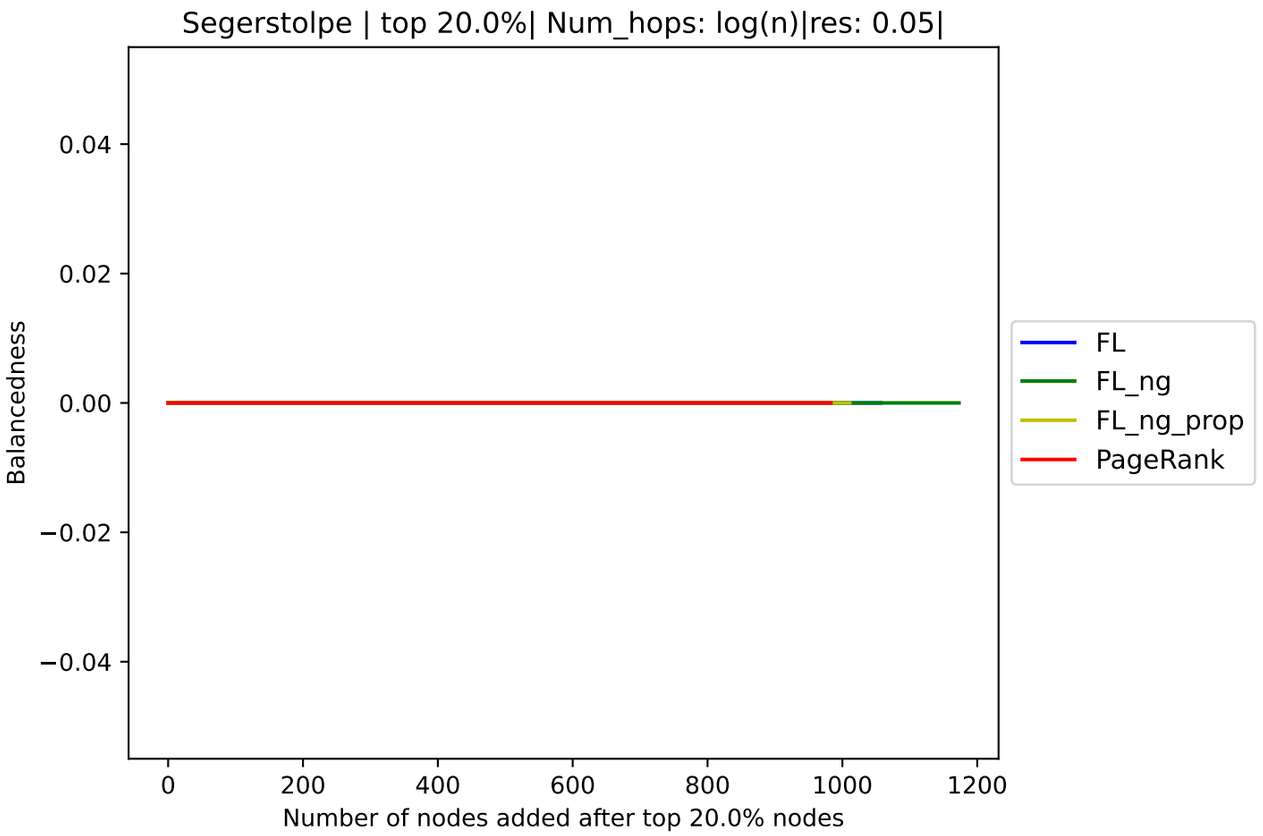

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.25|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

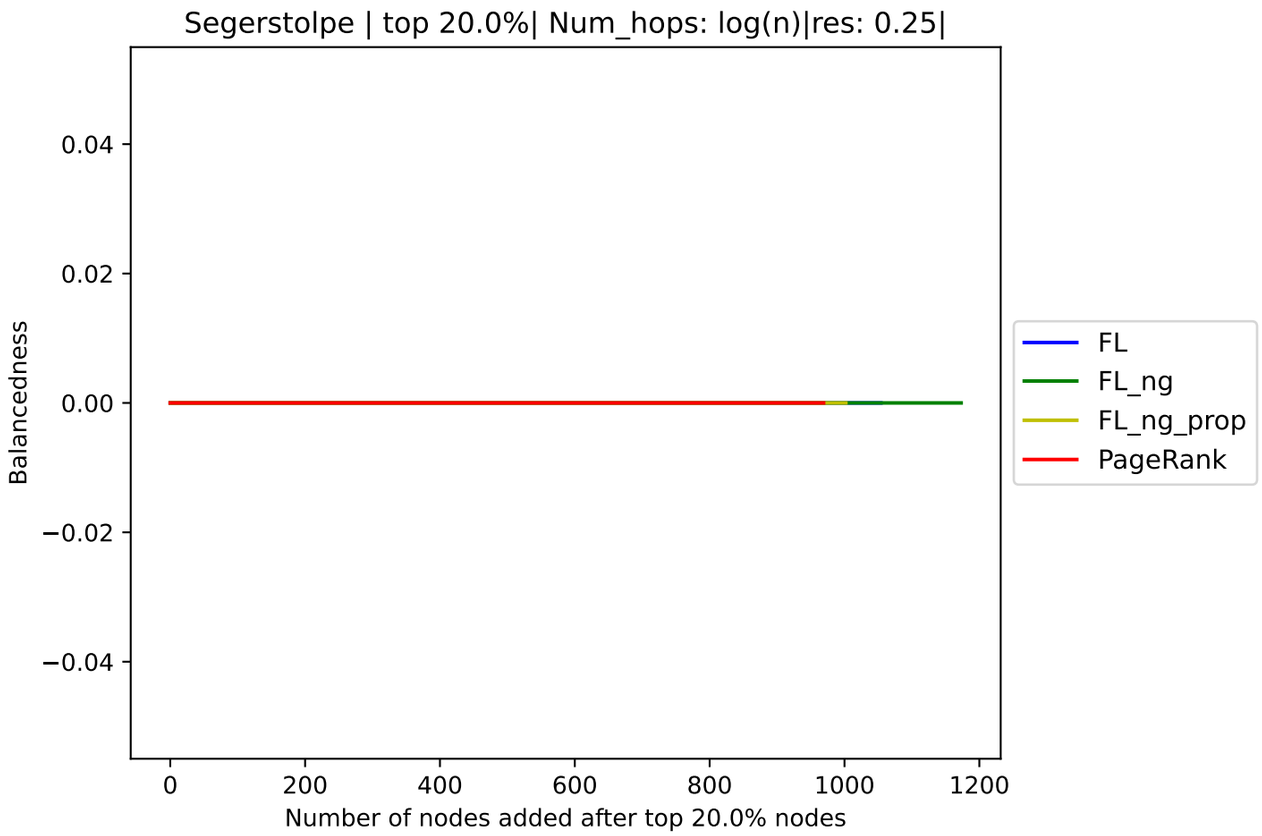

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

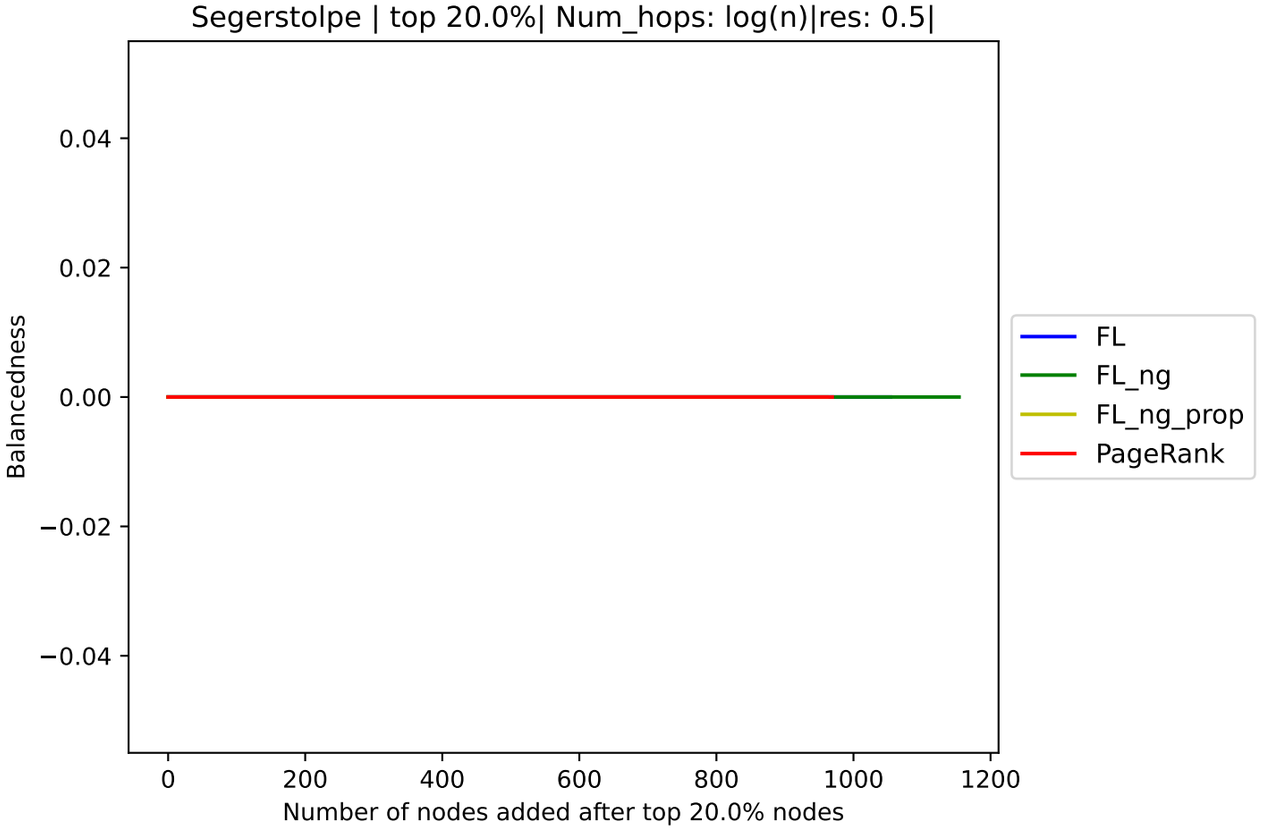

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

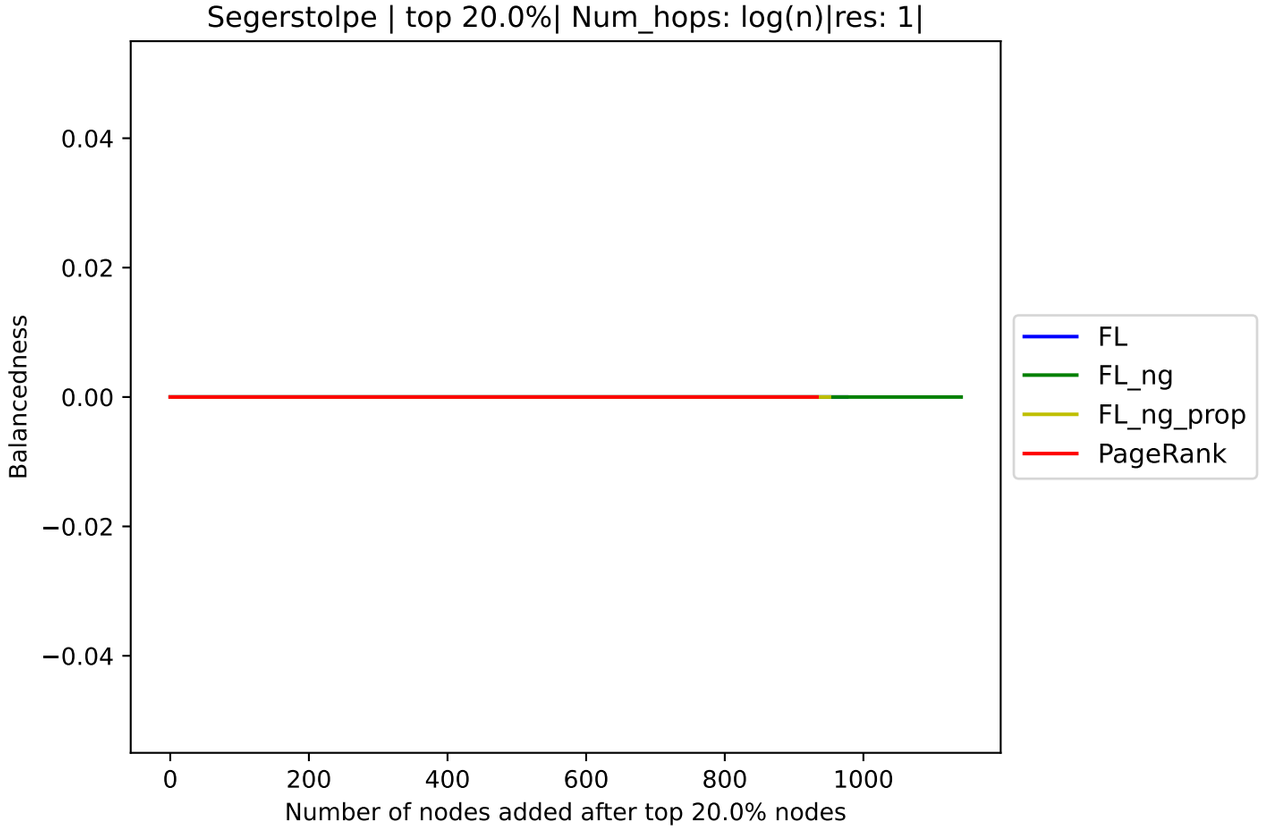

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

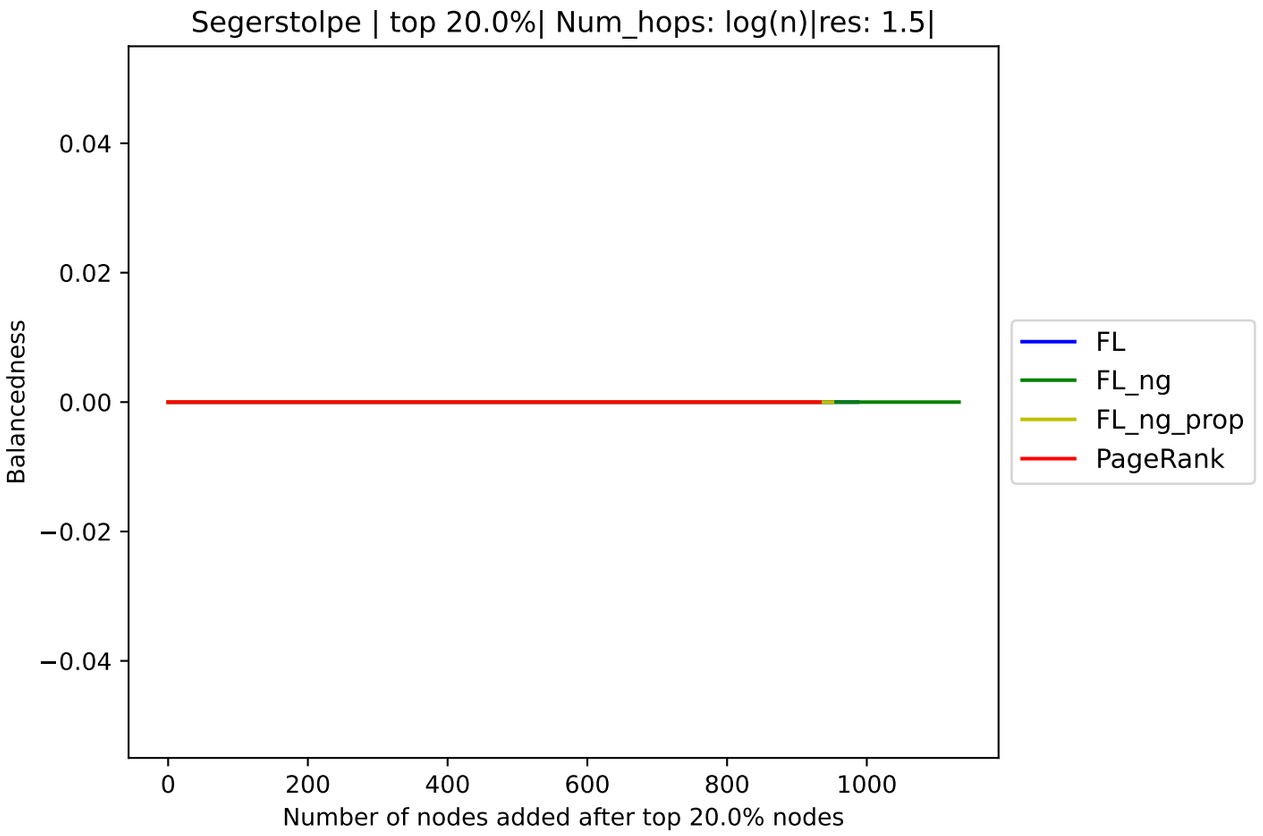

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

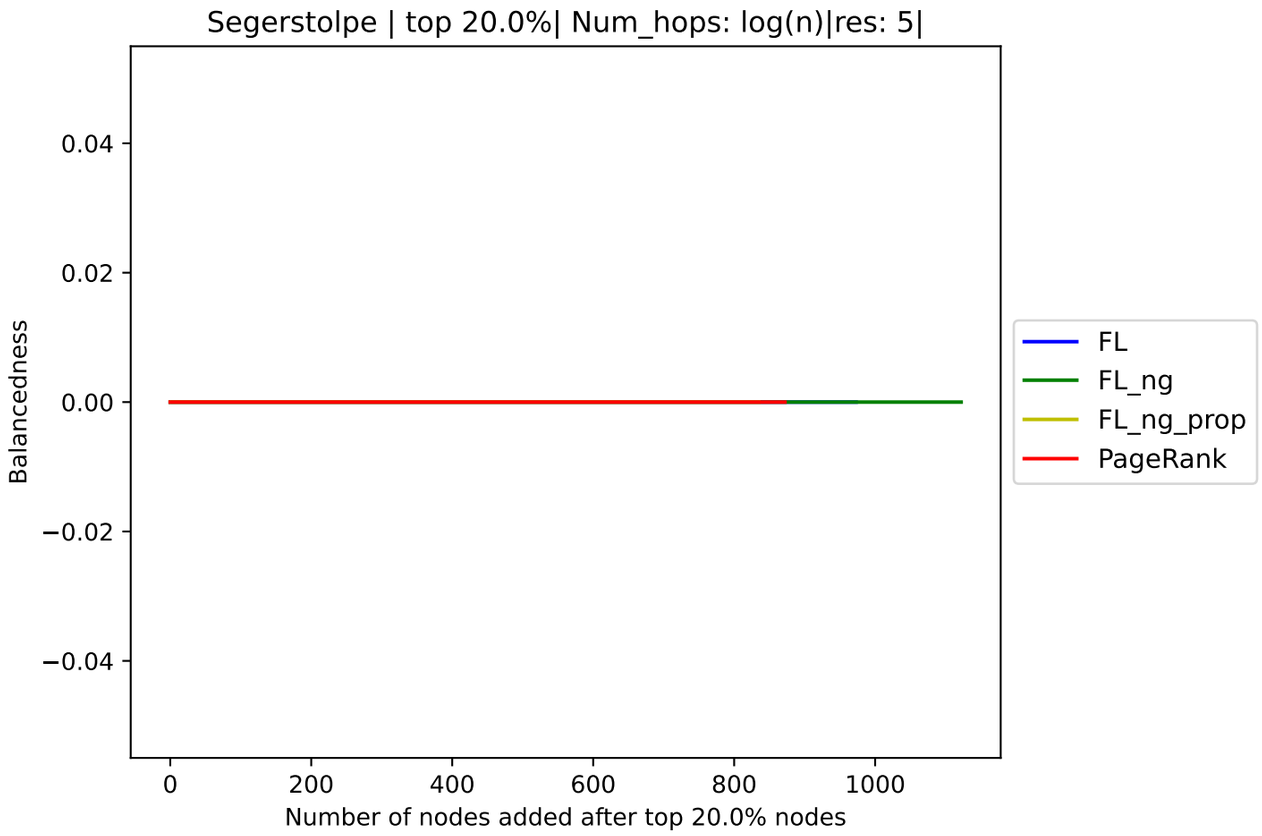

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.05|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
1200
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

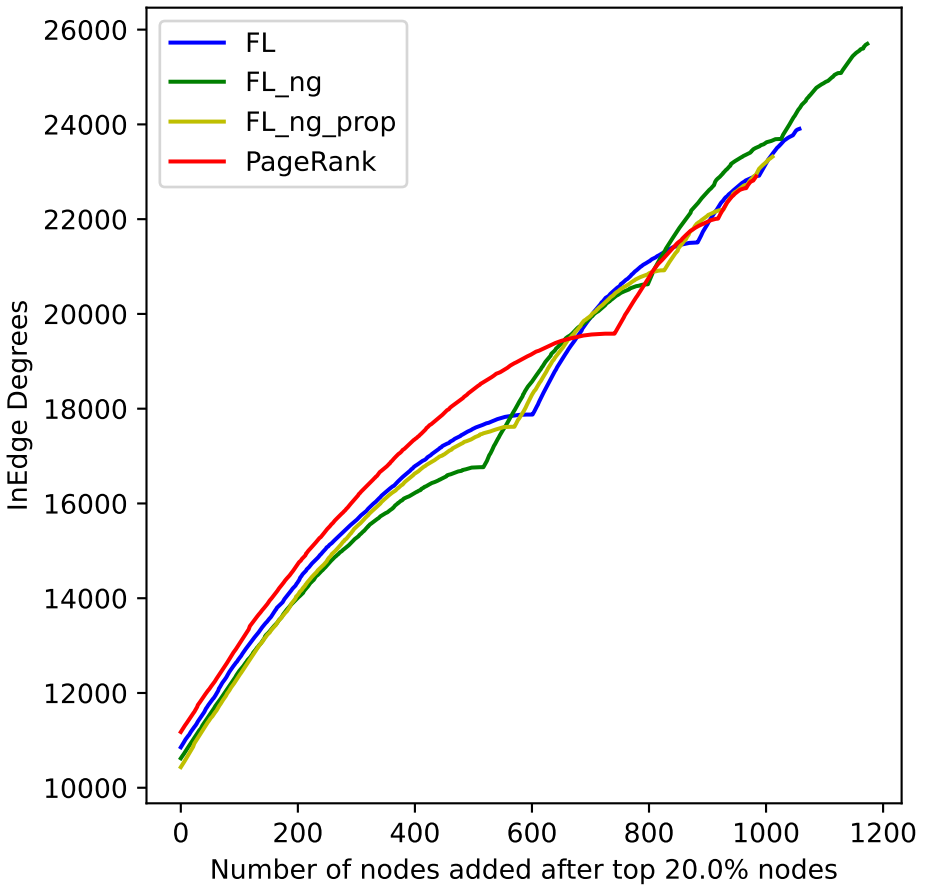

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.25|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
1200
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

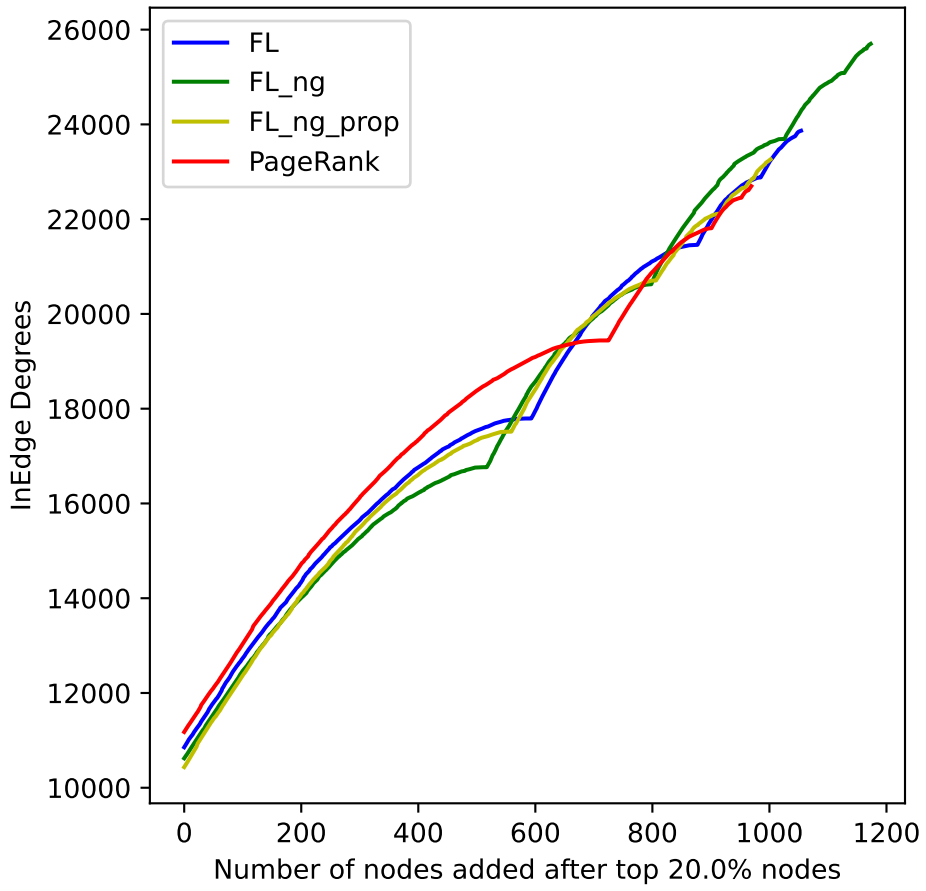

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
1200
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

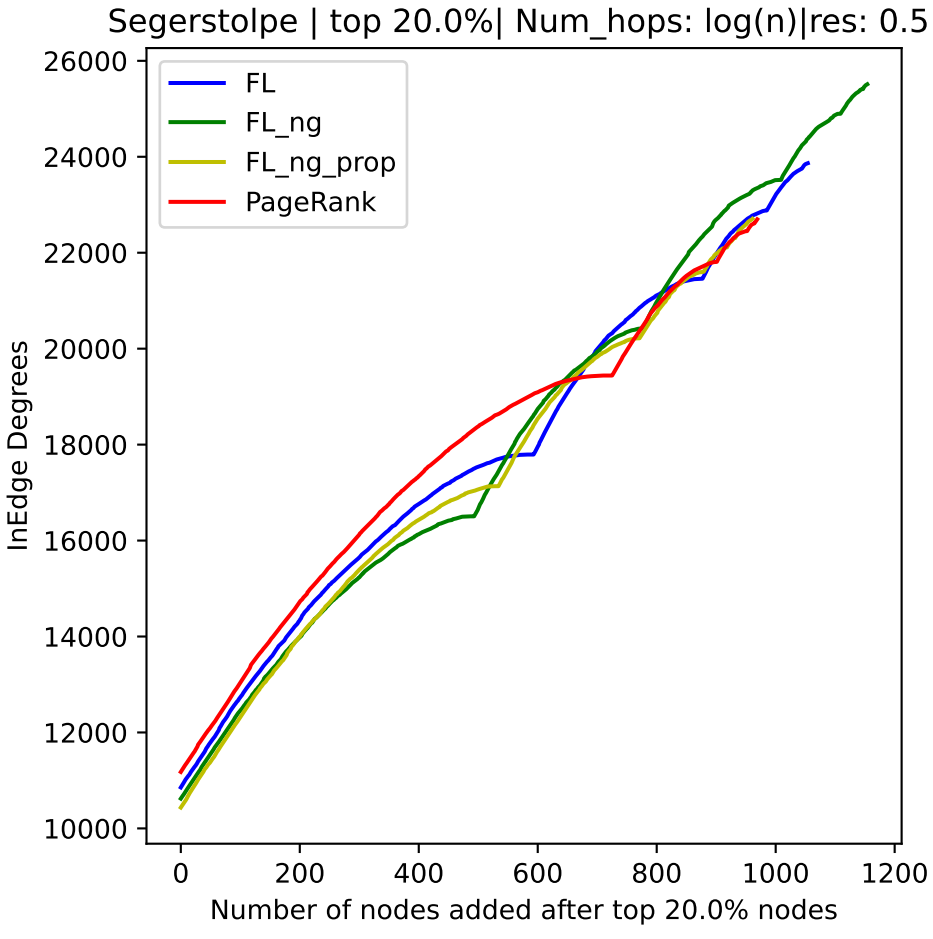

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

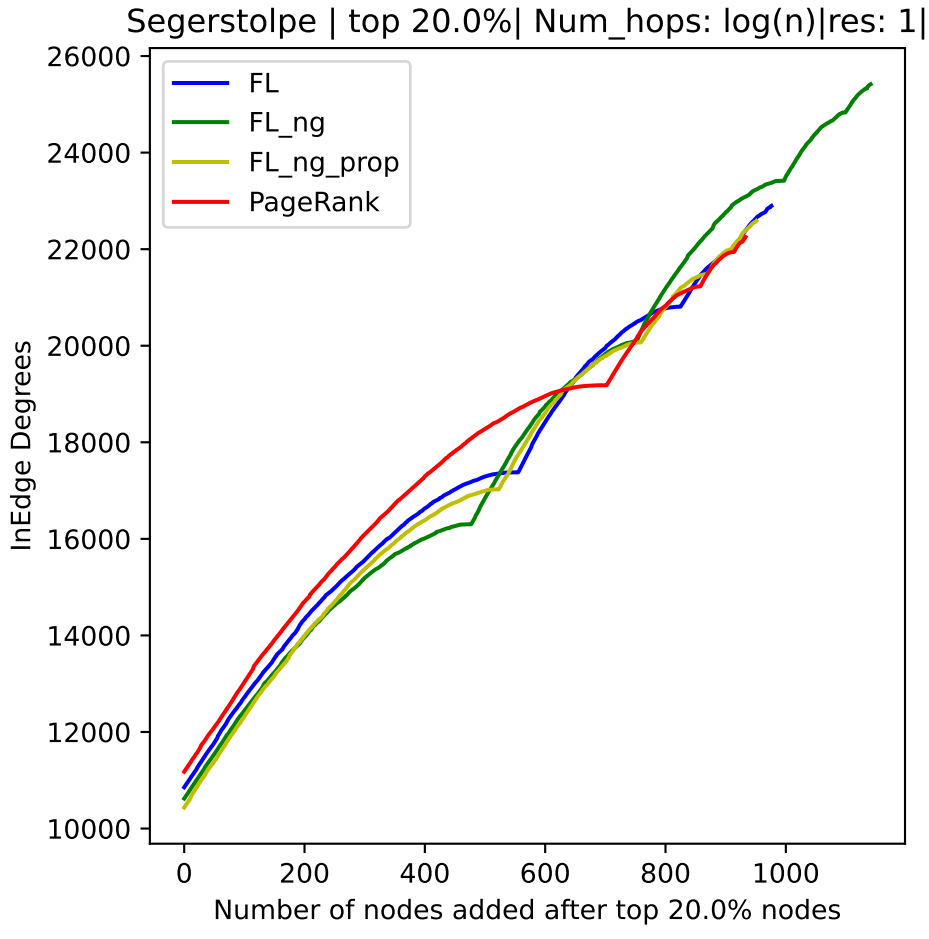

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 1.5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

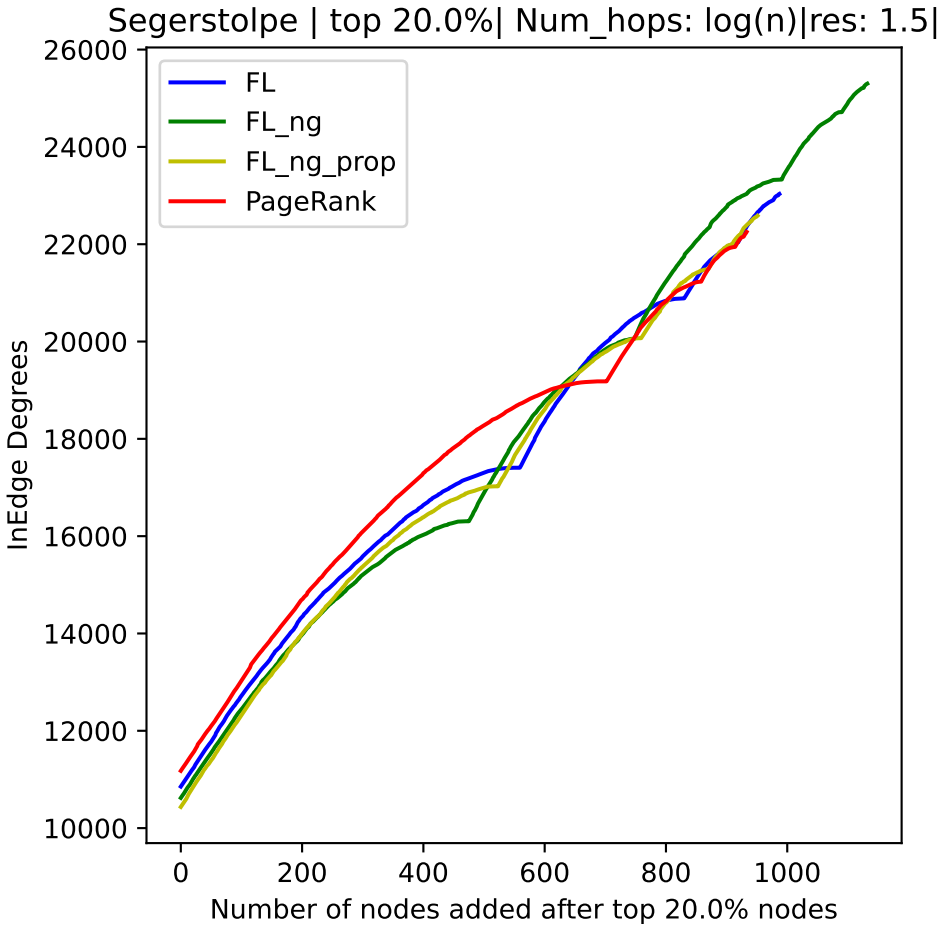

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 5|
Balancedness
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
Number of nodes added after top 20.0% nodes
FL
FL_ng
FL_ng_prop
PageRank

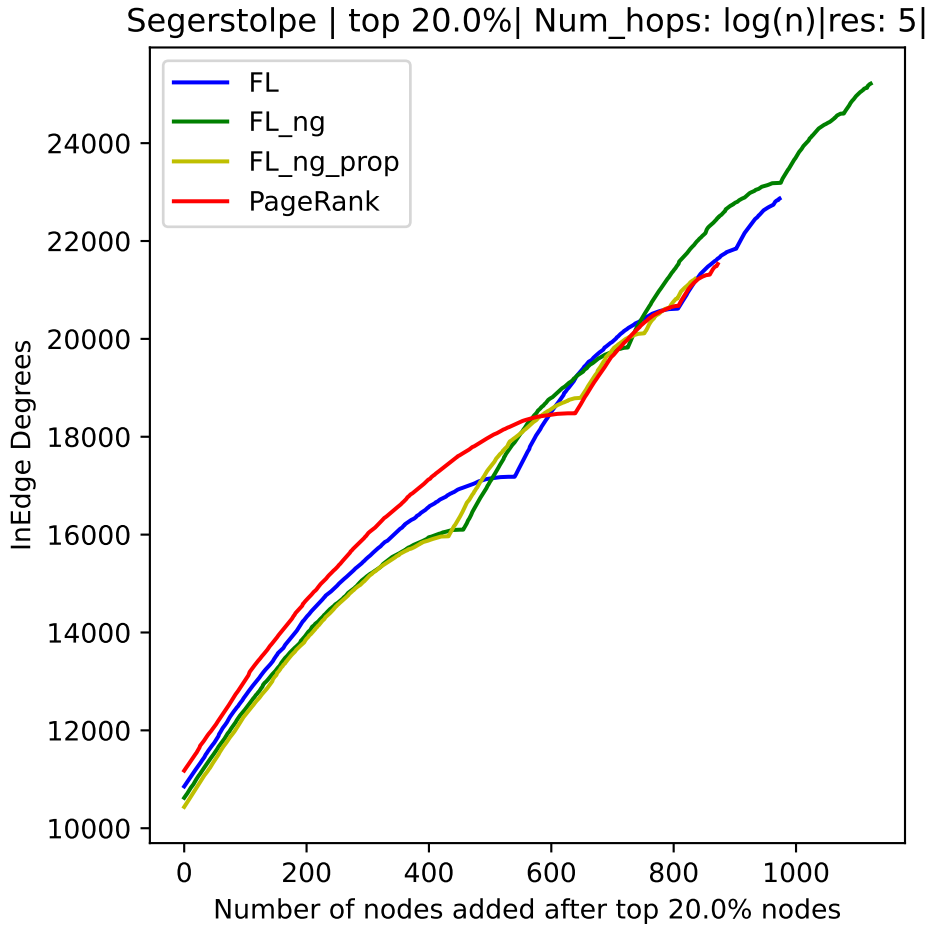

Segerstolpe | top 20.0%| Num_hops: log(n)|res: 0.05|
FL
FL_ng
FL_ng_prop
PageRank
InEdge Degrees
Number of nodes added after top 20.0% nodes


Segerstolpe | 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


Segerstolpe | 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


Segerstolpe | 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


Segerstolpe | 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


Segerstolpe | 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