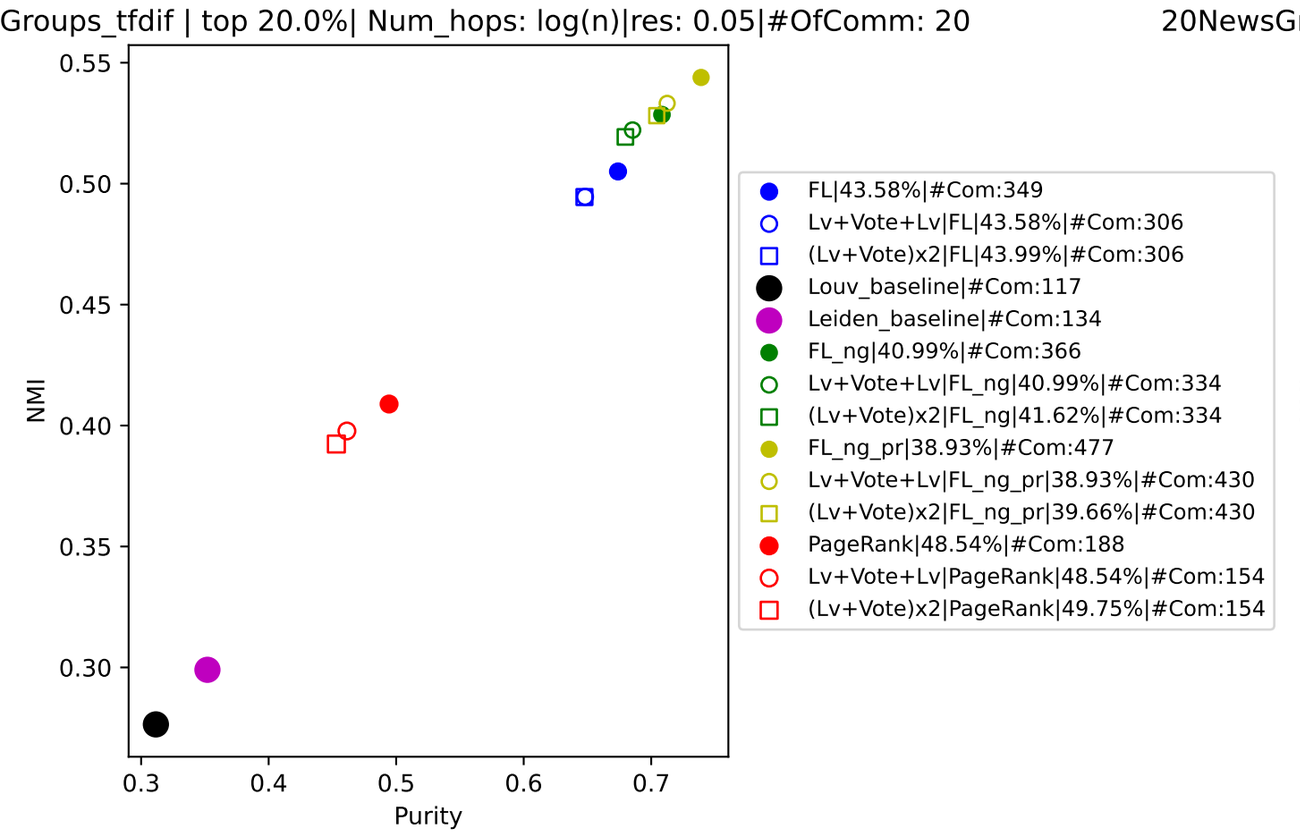
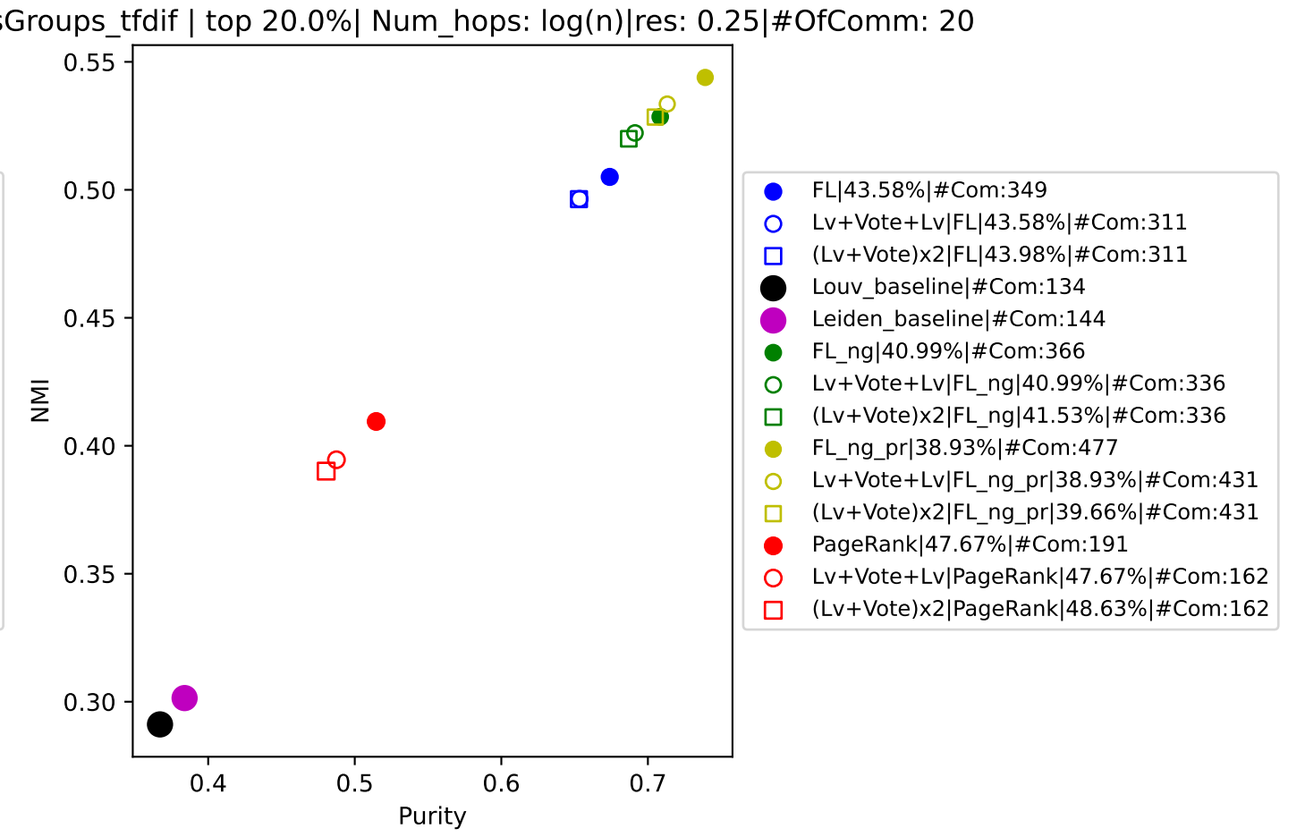
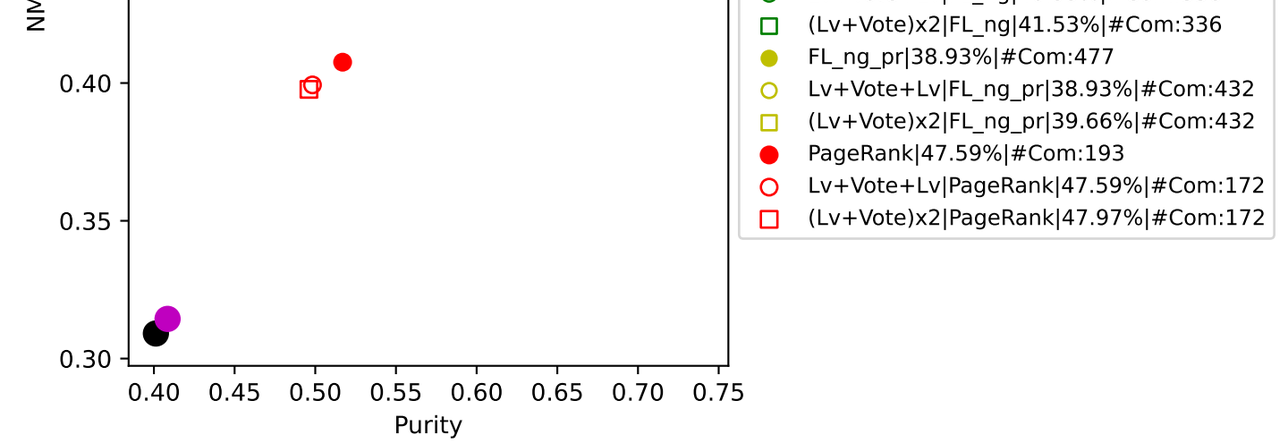
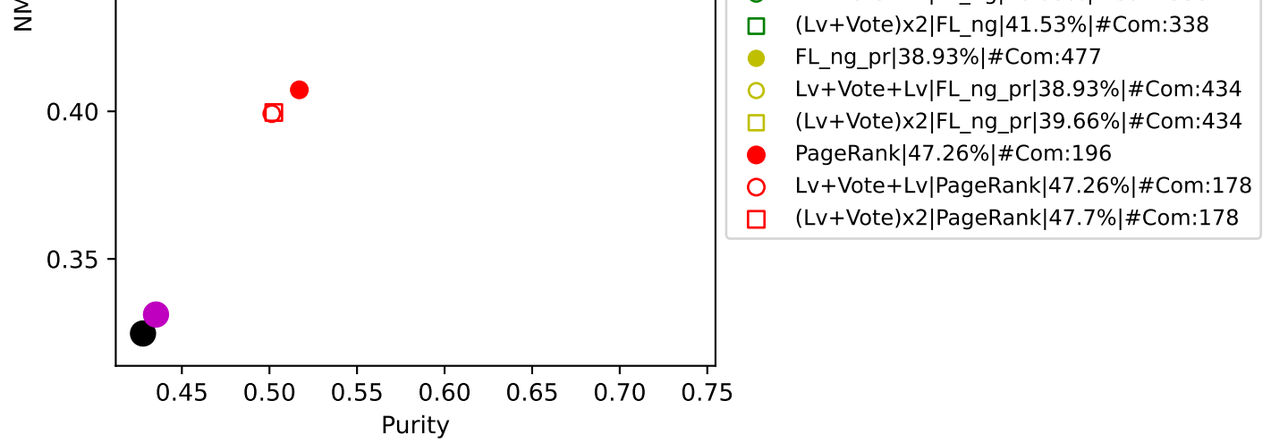
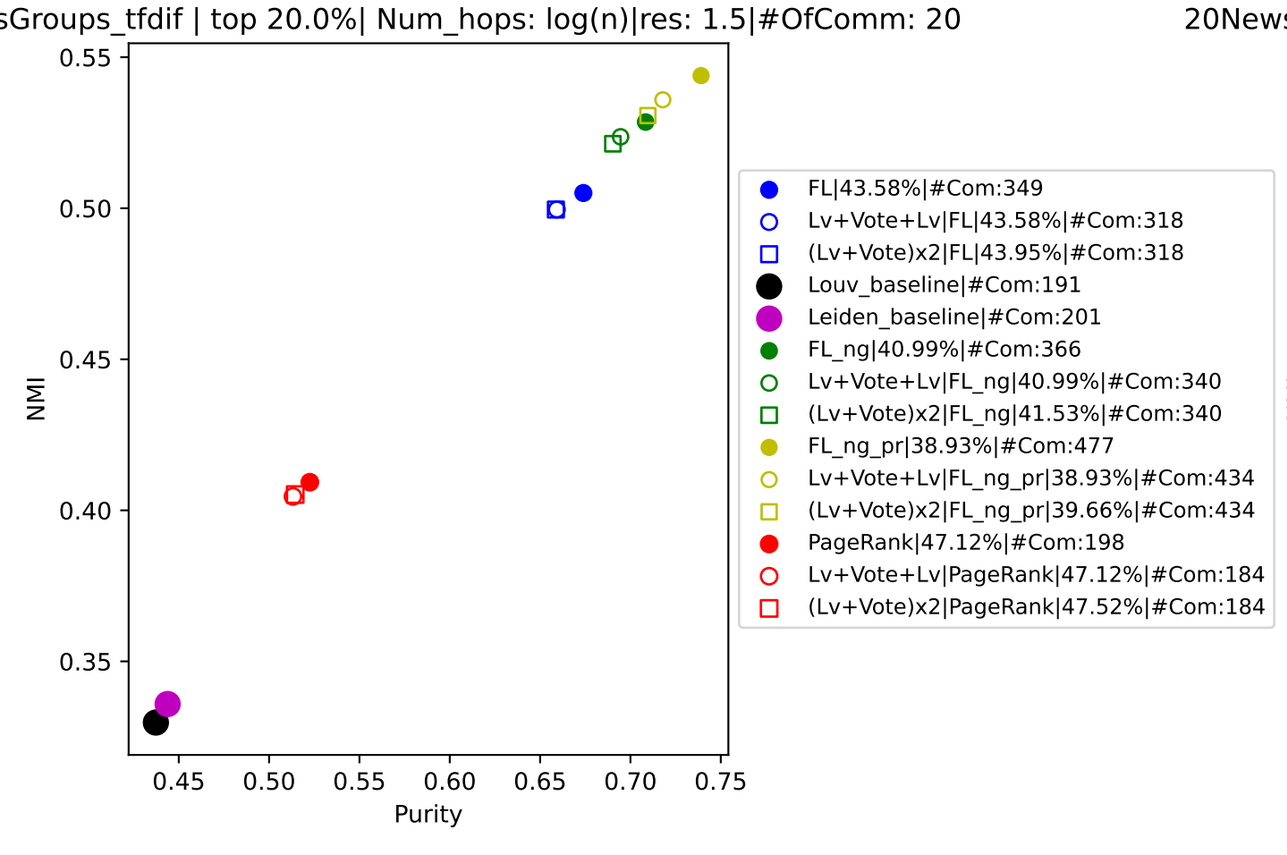
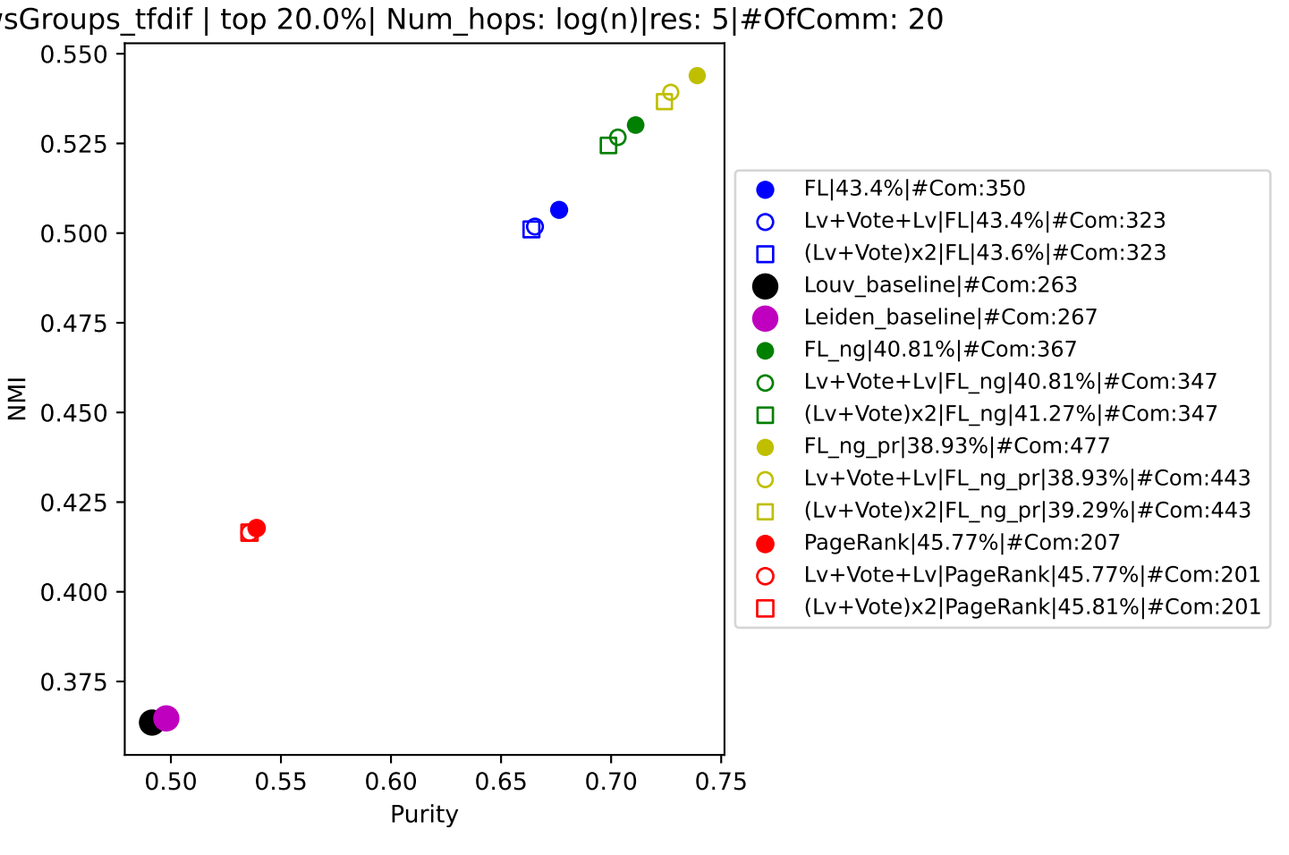

Groups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.05|#OfComm: 20
NMI
Purity
FL|43.58%|#Com:349
Lv+Vote+Lv|FL|43.58%|#Com:306
(Lv+Vote)x2|FL|43.99%|#Com:306
Louv_baseline|#Com:117
Leiden_baseline|#Com:134
FL_ng|40.99%|#Com:366
Lv+Vote+Lv|FL_ng|40.99%|#Com:334
(Lv+Vote)x2|FL_ng|41.62%|#Com:334
FL_ng_pr|38.93%|#Com:477
Lv+Vote+Lv|FL_ng_pr|38.93%|#Com:430
(Lv+Vote)x2|FL_ng_pr|39.66%|#Com:430
PageRank|48.54%|#Com:188
Lv+Vote+Lv|PageRank|48.54%|#Com:154
(Lv+Vote)x2|PageRank|49.75%|#Com:154

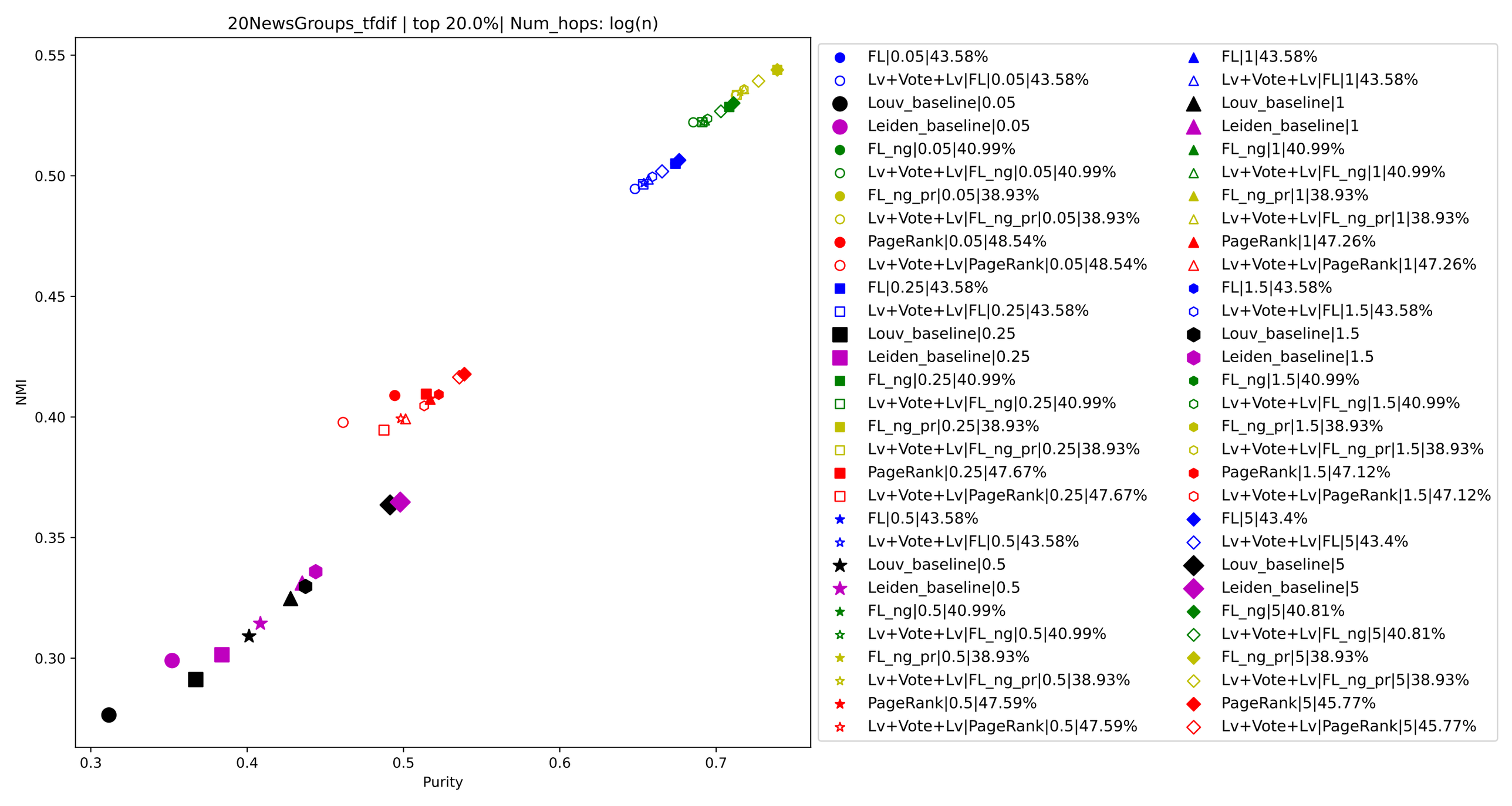

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.25|#OfComm: 20
NMI
Purity
FL|43.58%|#Com:349
Lv+Vote+Lv|FL|43.58%|#Com:311
(Lv+Vote)x2|FL|43.98%|#Com:311
Louv_baseline|#Com:134
Leiden_baseline|#Com:144
FL_ng|40.99%|#Com:366
Lv+Vote+Lv|FL_ng|40.99%|#Com:336
(Lv+Vote)x2|FL_ng|41.53%|#Com:336
FL_ng_pr|38.93%|#Com:477
Lv+Vote+Lv|FL_ng_pr|38.93%|#Com:431
(Lv+Vote)x2|FL_ng_pr|39.66%|#Com:431
PageRank|47.67%|#Com:191
Lv+Vote+Lv|PageRank|47.67%|#Com:162
(Lv+Vote)x2|PageRank|48.63%|#Com:162


sGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.5|#OfComm: 20
NMI
Purity
FL|43.58%|#Com:349
Lv+Vote+Lv|FL|43.58%|#Com:312
(Lv+Vote)x2|FL|43.98%|#Com:312
Louv_baseline|#Com:151
Leiden_baseline|#Com:160
FL_ng|40.99%|#Com:366
Lv+Vote+Lv|FL_ng|40.99%|#Com:336
(Lv+Vote)x2|FL_ng|41.53%|#Com:336
FL_ng_pr|38.93%|#Com:477
Lv+Vote+Lv|FL_ng_pr|38.93%|#Com:432
(Lv+Vote)x2|FL_ng_pr|39.66%|#Com:432
PageRank|47.59%|#Com:193
Lv+Vote+Lv|PageRank|47.59%|#Com:172
(Lv+Vote)x2|PageRank|47.97%|#Com:172

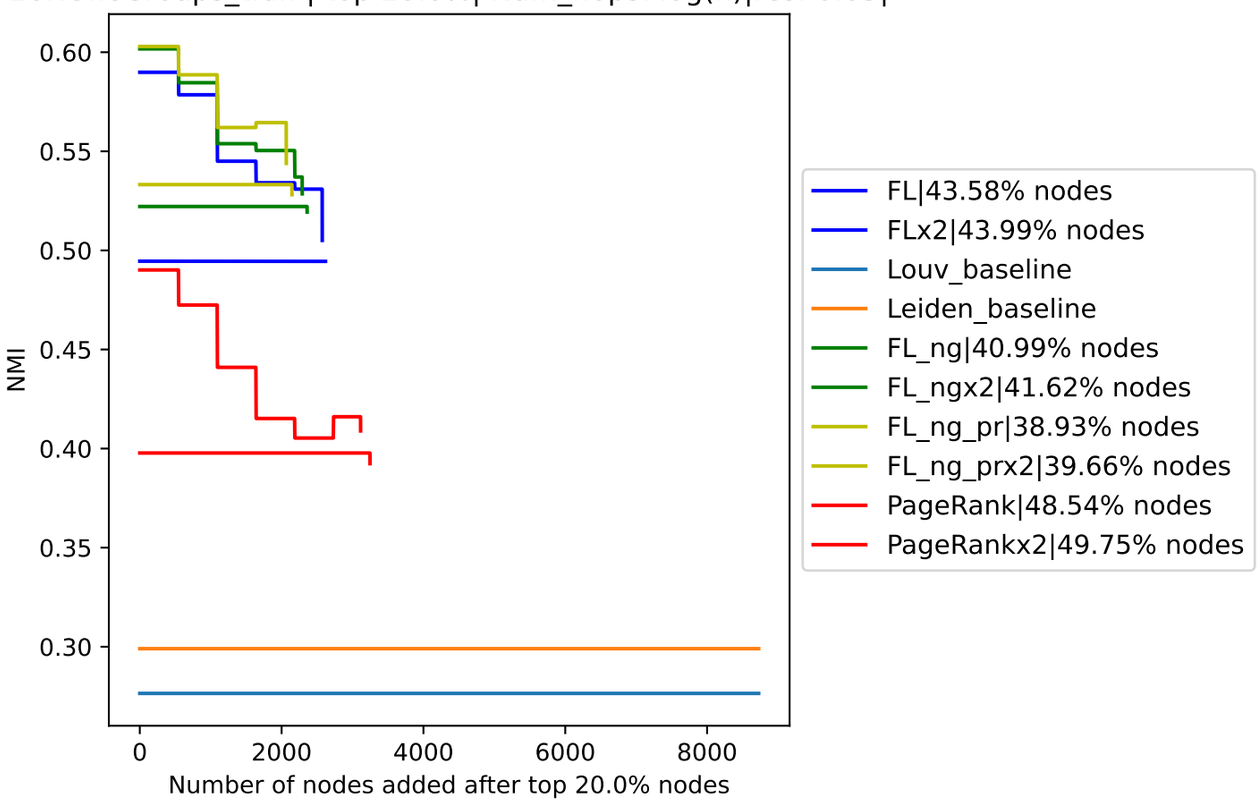

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1|#OfComm: 20
NMI
Purity
FL|43.58%|#Com:349
Lv+Vote+Lv|FL|43.58%|#Com:315
(Lv+Vote)x2|FL|43.95%|#Com:315
Louv_baseline|#Com:175
Leiden_baseline|#Com:187
FL_ng|40.99%|#Com:366
Lv+Vote+Lv|FL_ng|40.99%|#Com:338
(Lv+Vote)x2|FL_ng|41.53%|#Com:338
FL_ng_pr|38.93%|#Com:477
Lv+Vote+Lv|FL_ng_pr|38.93%|#Com:434
(Lv+Vote)x2|FL_ng_pr|39.66%|#Com:434
PageRank|47.26%|#Com:196
Lv+Vote+Lv|PageRank|47.26%|#Com:178
(Lv+Vote)x2|PageRank|47.7%|#Com:178


sGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1.5|#OfComm: 20
NMI
Purity
FL|43.58%|#Com:349
Lv+Vote+Lv|FL|43.58%|#Com:318
(Lv+Vote)x2|FL|43.95%|#Com:318
Louv_baseline|#Com:191
Leiden_baseline|#Com:201
FL_ng|40.99%|#Com:366
Lv+Vote+Lv|FL_ng|40.99%|#Com:340
(Lv+Vote)x2|FL_ng|41.53%|#Com:340
FL_ng_pr|38.93%|#Com:477
Lv+Vote+Lv|FL_ng_pr|38.93%|#Com:434
(Lv+Vote)x2|FL_ng_pr|39.66%|#Com:434
PageRank|47.12%|#Com:198
Lv+Vote+Lv|PageRank|47.12%|#Com:184
(Lv+Vote)x2|PageRank|47.52%|#Com:184

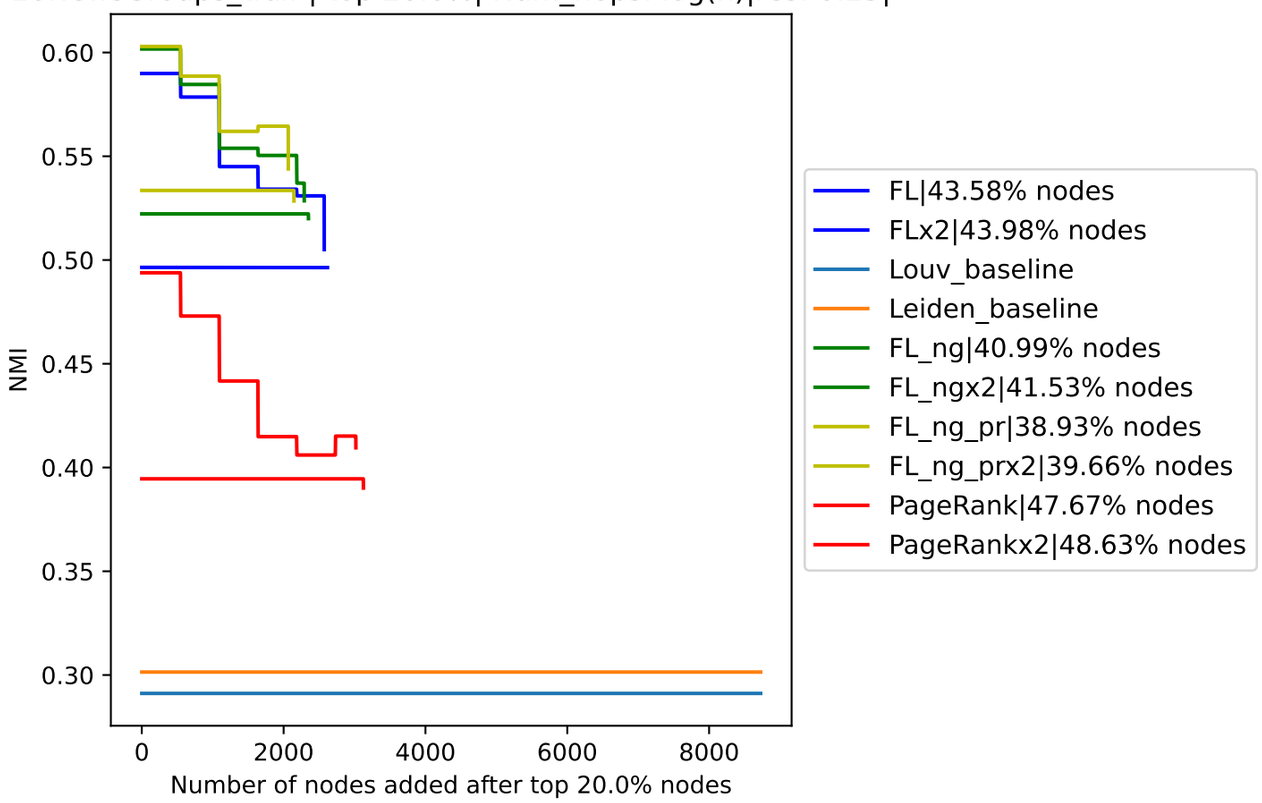

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 5|#OfComm: 20
NMI
Purity
FL|43.4%|#Com:350
Lv+Vote+Lv|FL|43.4%|#Com:323
(Lv+Vote)x2|FL|43.6%|#Com:323
Louv_baseline|#Com:263
Leiden_baseline|#Com:267
FL_ng|40.81%|#Com:367
Lv+Vote+Lv|FL_ng|40.81%|#Com:347
(Lv+Vote)x2|FL_ng|41.27%|#Com:347
FL_ng_pr|38.93%|#Com:477
Lv+Vote+Lv|FL_ng_pr|38.93%|#Com:443
(Lv+Vote)x2|FL_ng_pr|39.29%|#Com:443
PageRank|45.77%|#Com:207
Lv+Vote+Lv|PageRank|45.77%|#Com:201
(Lv+Vote)x2|PageRank|45.81%|#Com:201


20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)
NMI
Purity
0.55
0.50
0.45
0.40
0.35
0.30
0.3
0.4
0.5
0.6
0.7
FL|0.05|43.58%
Lv+Vote+Lv|FL|0.05|43.58%
Louv_baseline|0.05
Leiden_baseline|0.05
FL_ng|0.05|40.99%
Lv+Vote+Lv|FL_ng|0.05|40.99%
FL_ng_pr|0.05|38.93%
Lv+Vote+Lv|FL_ng_pr|0.05|38.93%
PageRank|0.05|48.54%
Lv+Vote+Lv|PageRank|0.05|48.54%
FL|0.25|43.58%
Lv+Vote+Lv|FL|0.25|43.58%
Louv_baseline|0.25
Leiden_baseline|0.25
FL_ng|0.25|40.99%
Lv+Vote+Lv|FL_ng|0.25|40.99%
FL_ng_pr|0.25|38.93%
Lv+Vote+Lv|FL_ng_pr|0.25|38.93%
PageRank|0.25|47.67%
Lv+Vote+Lv|PageRank|0.25|47.67%
FL|0.5|43.58%
Lv+Vote+Lv|FL|0.5|43.58%
Louv_baseline|0.5
Leiden_baseline|0.5
FL_ng|0.5|40.99%
Lv+Vote+Lv|FL_ng|0.5|40.99%
FL_ng_pr|0.5|38.93%
Lv+Vote+Lv|FL_ng_pr|0.5|38.93%
PageRank|0.5|47.59%
Lv+Vote+Lv|PageRank|0.5|47.59%
FL|1|43.58%
Lv+Vote+Lv|FL|1|43.58%
Louv_baseline|1
Leiden_baseline|1
FL_ng|1|40.99%
Lv+Vote+Lv|FL_ng|1|40.99%
FL_ng_pr|1|38.93%
Lv+Vote+Lv|FL_ng_pr|1|38.93%
PageRank|1|47.26%
Lv+Vote+Lv|PageRank|1|47.26%
FL|1.5|43.58%
Lv+Vote+Lv|FL|1.5|43.58%
Louv_baseline|1.5
Leiden_baseline|1.5
FL_ng|1.5|40.99%
Lv+Vote+Lv|FL_ng|1.5|40.99%
FL_ng_pr|1.5|38.93%
Lv+Vote+Lv|FL_ng_pr|1.5|38.93%
PageRank|1.5|47.12%
Lv+Vote+Lv|PageRank|1.5|47.12%
FL|5|43.4%
Lv+Vote+Lv|FL|5|43.4%
Louv_baseline|5
Leiden_baseline|5
FL_ng|5|40.81%
Lv+Vote+Lv|FL_ng|5|40.81%
FL_ng_pr|5|38.93%
Lv+Vote+Lv|FL_ng_pr|5|38.93%
PageRank|5|45.77%
Lv+Vote+Lv|PageRank|5|45.77%

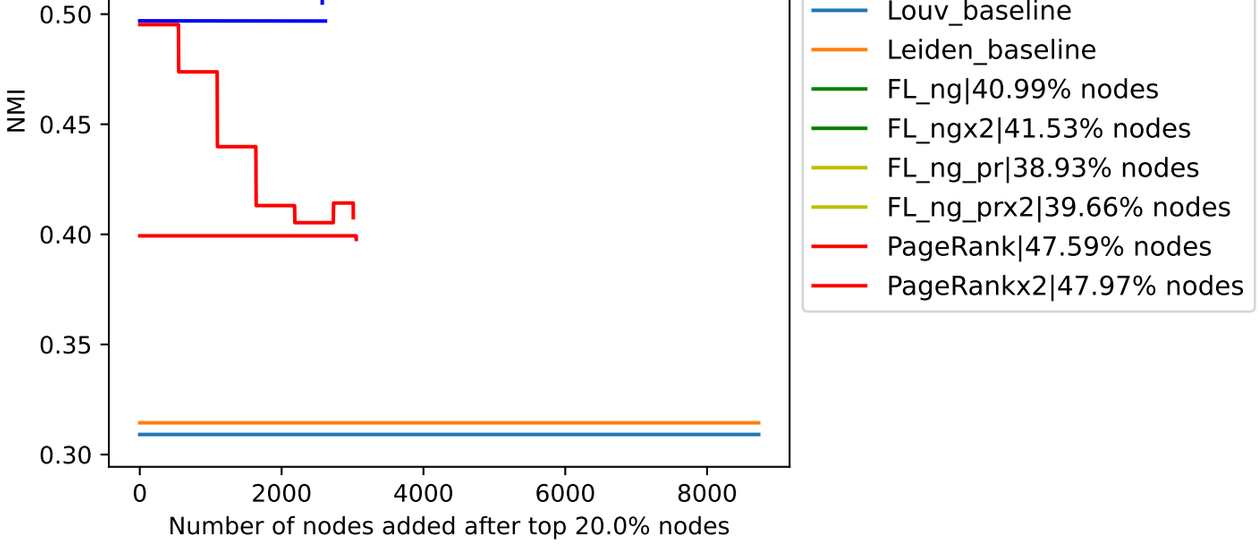
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.05|



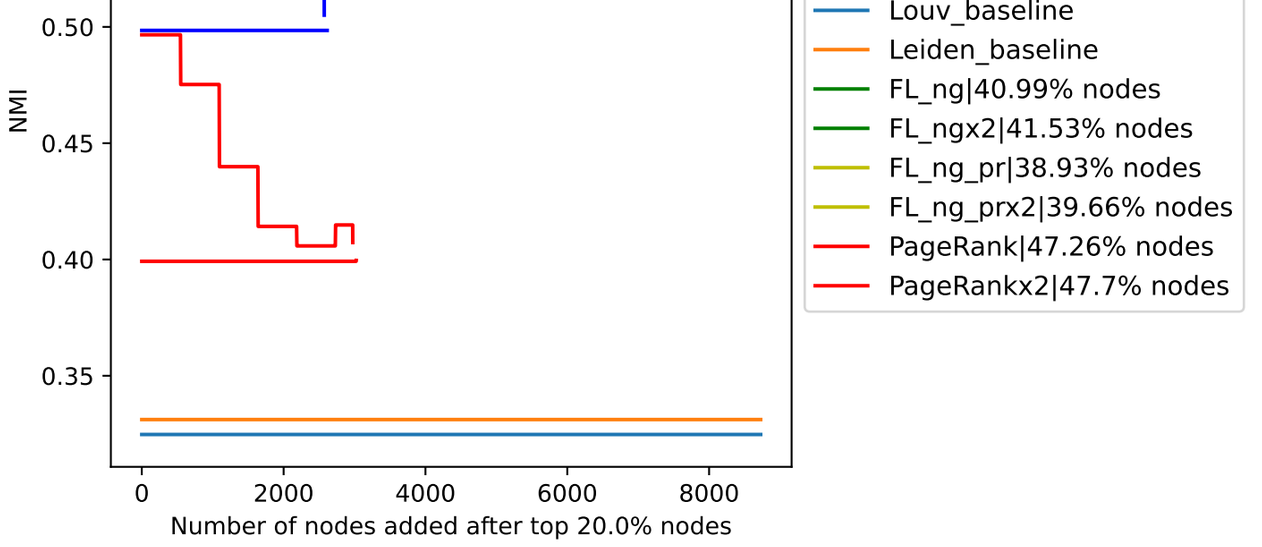
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.25|



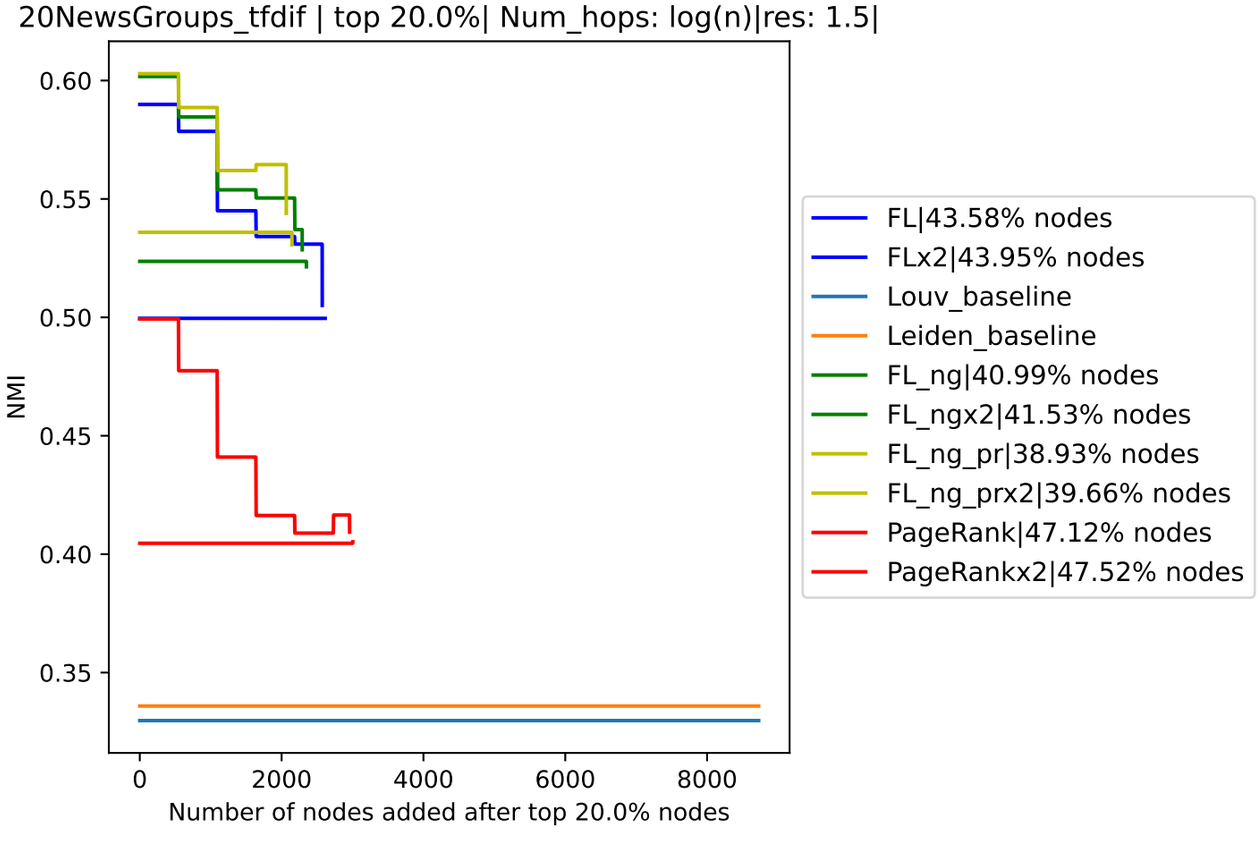
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.5|



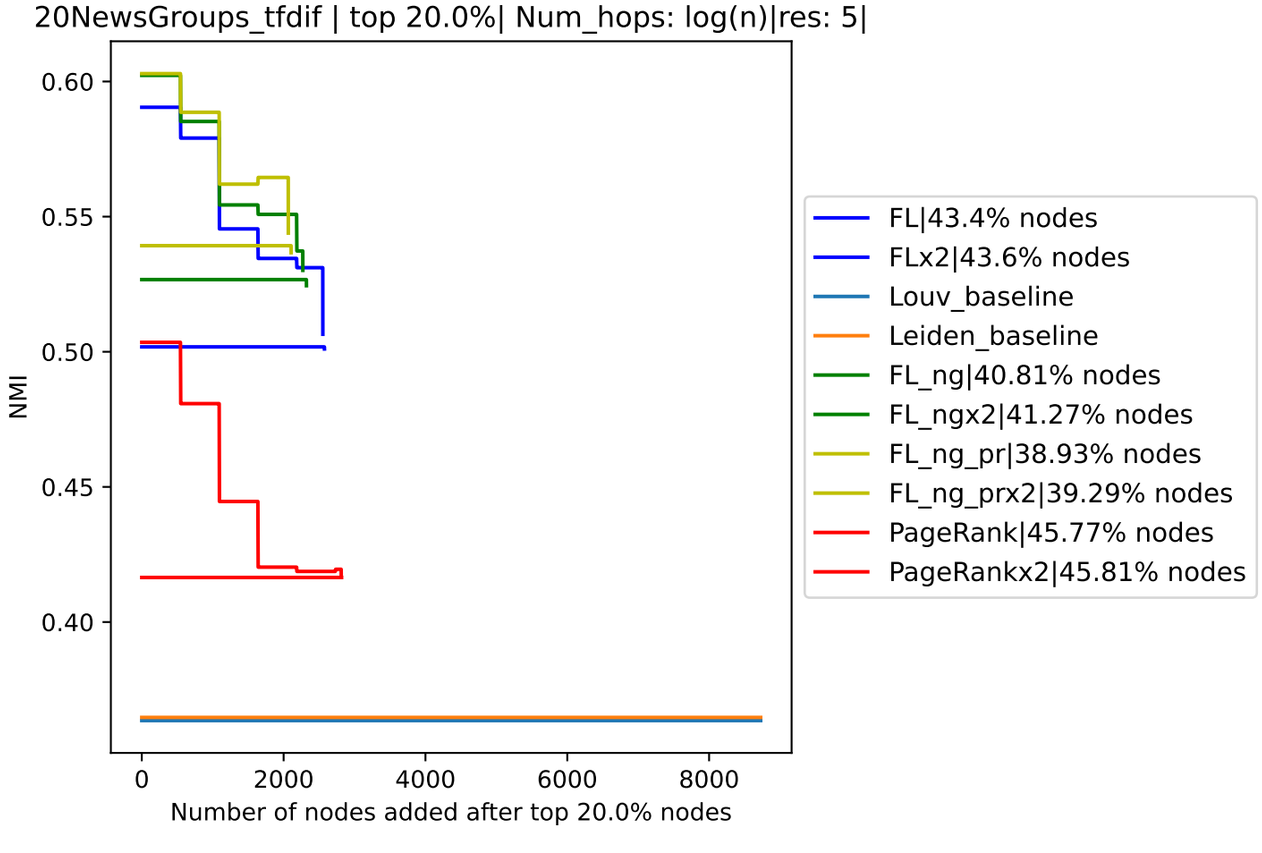
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1|



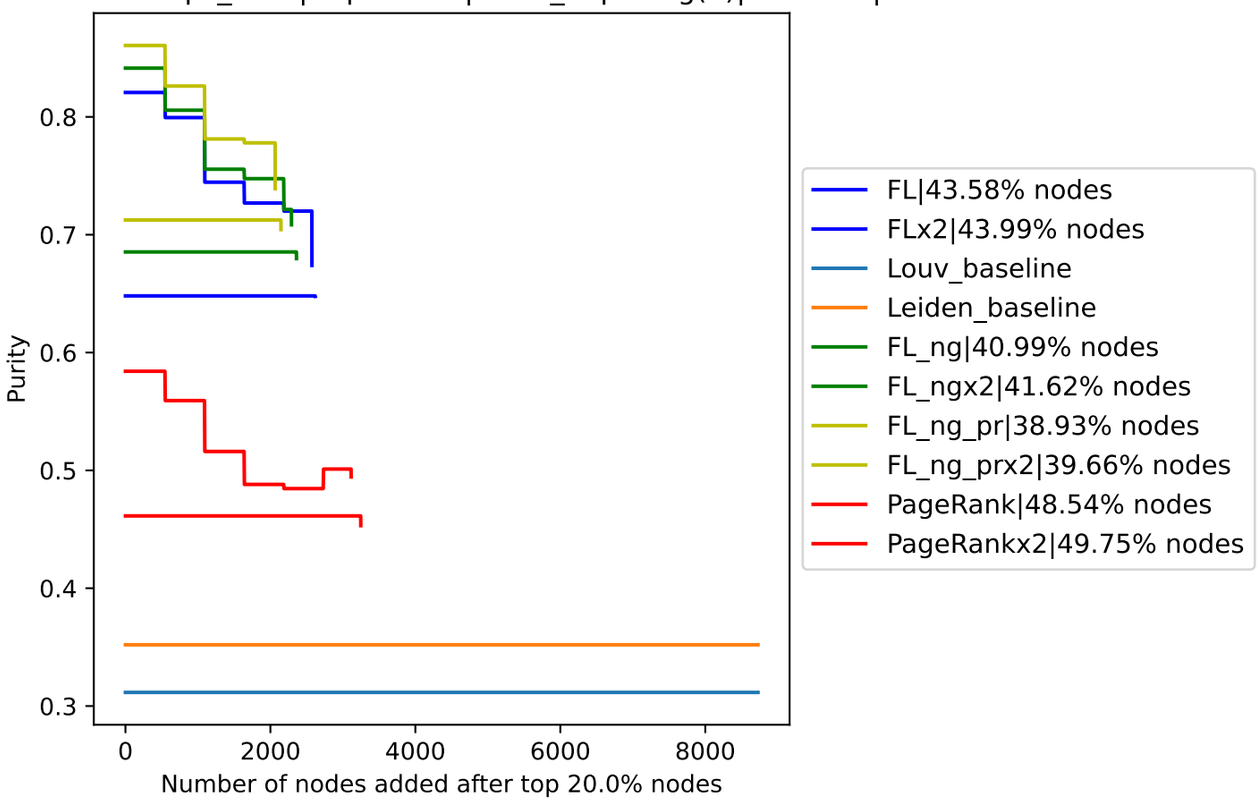
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1.5|



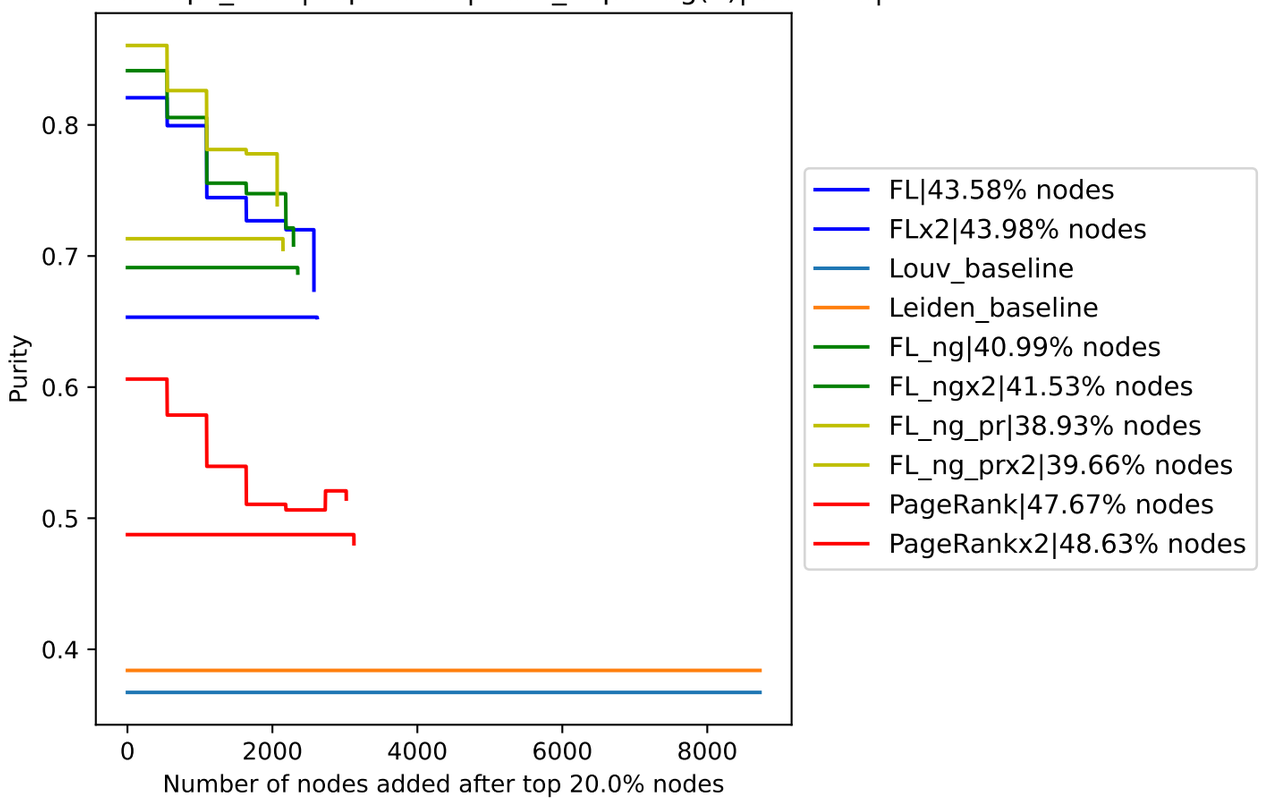
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 5|



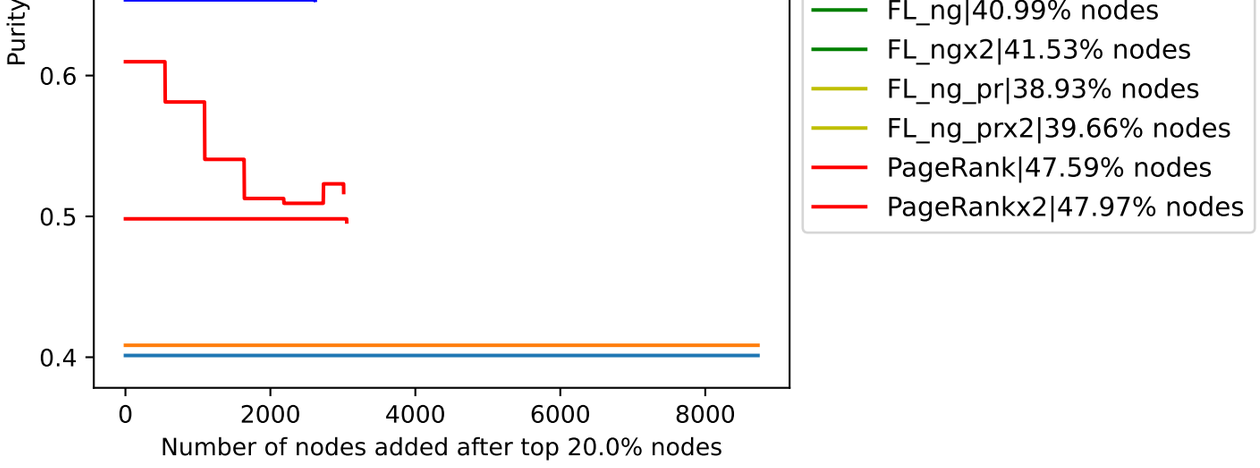
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.05|



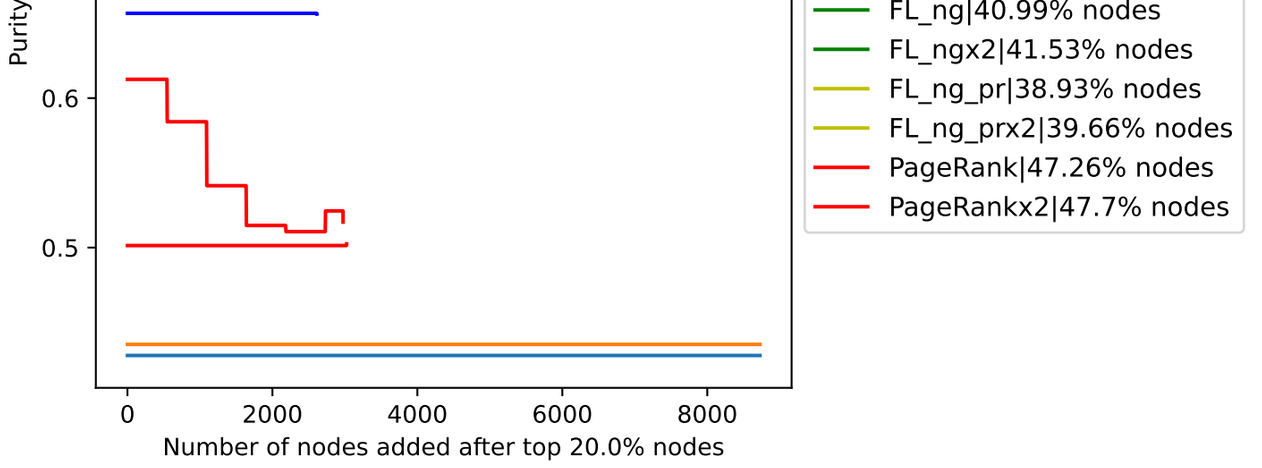
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.25|



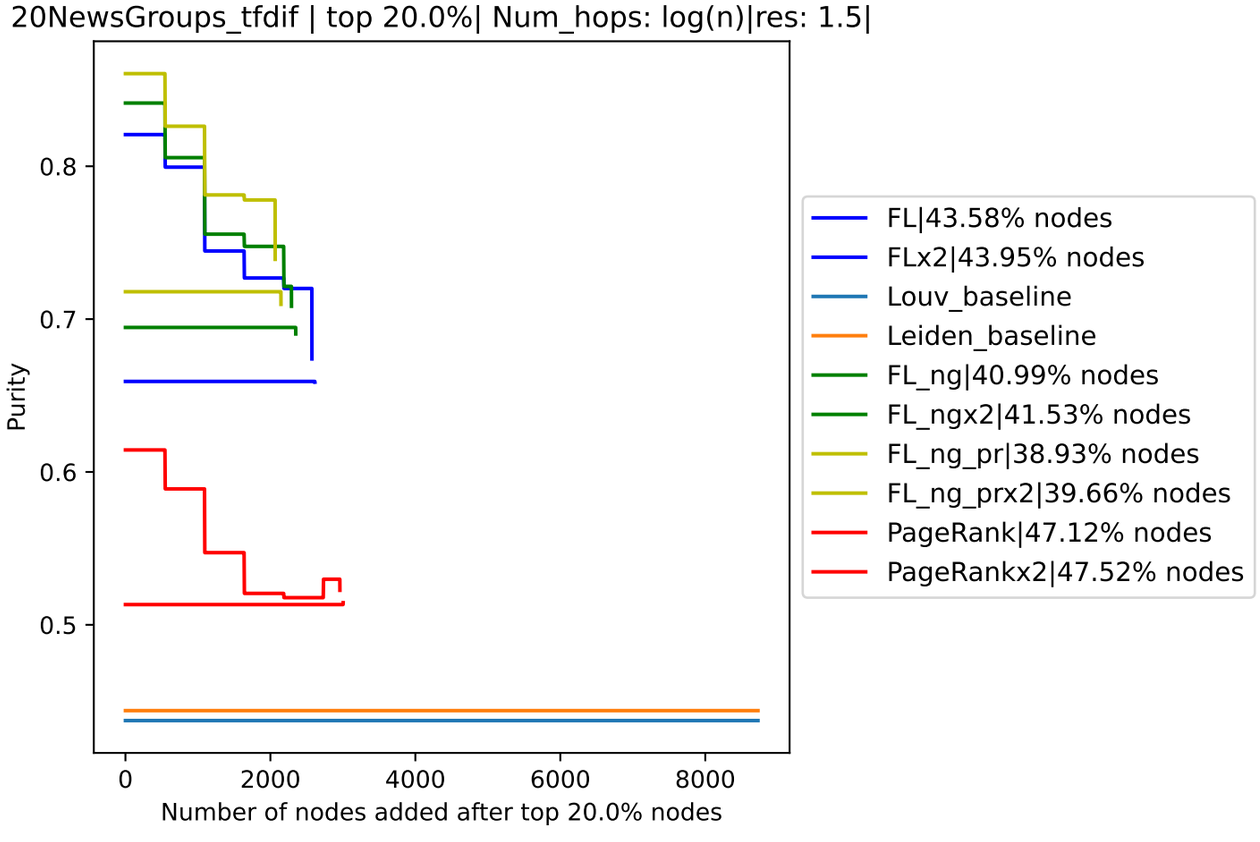
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.5|



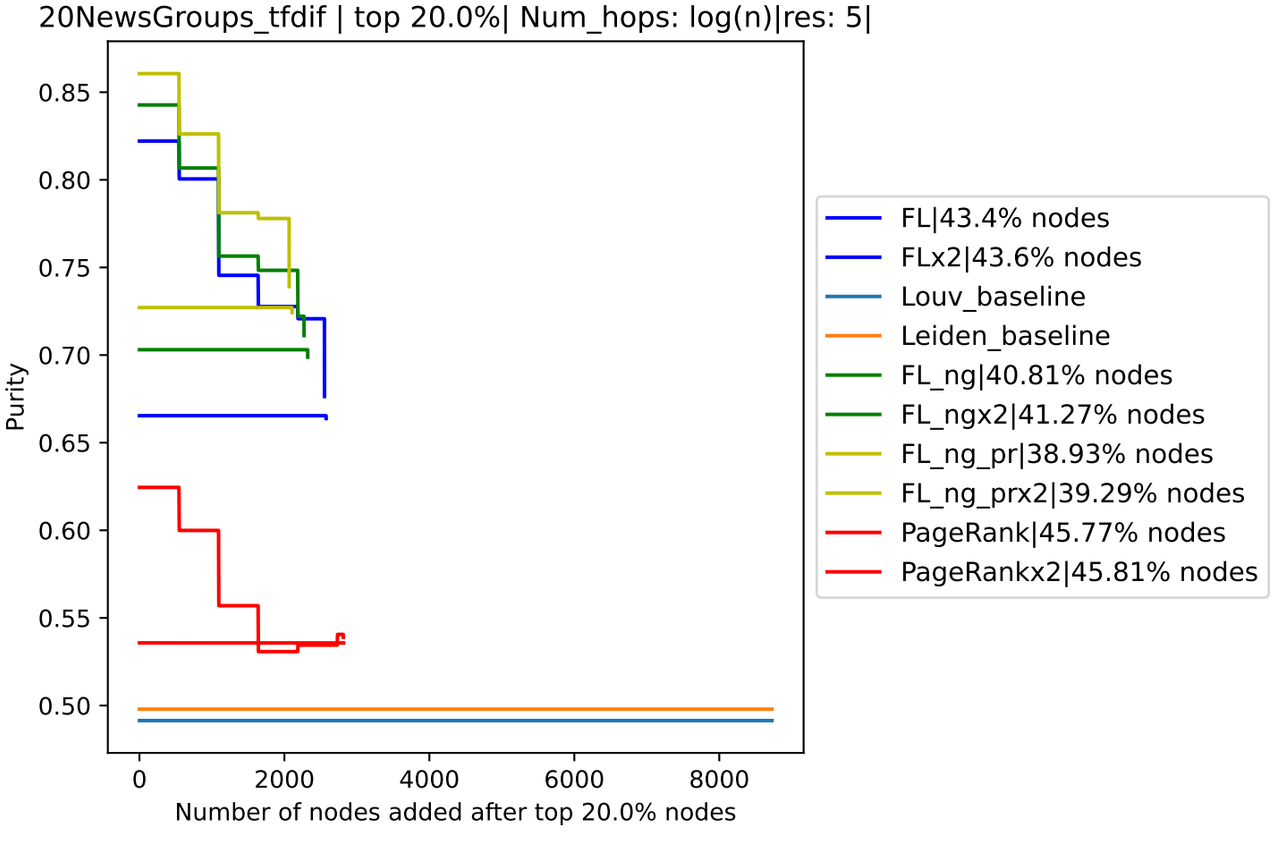
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1|

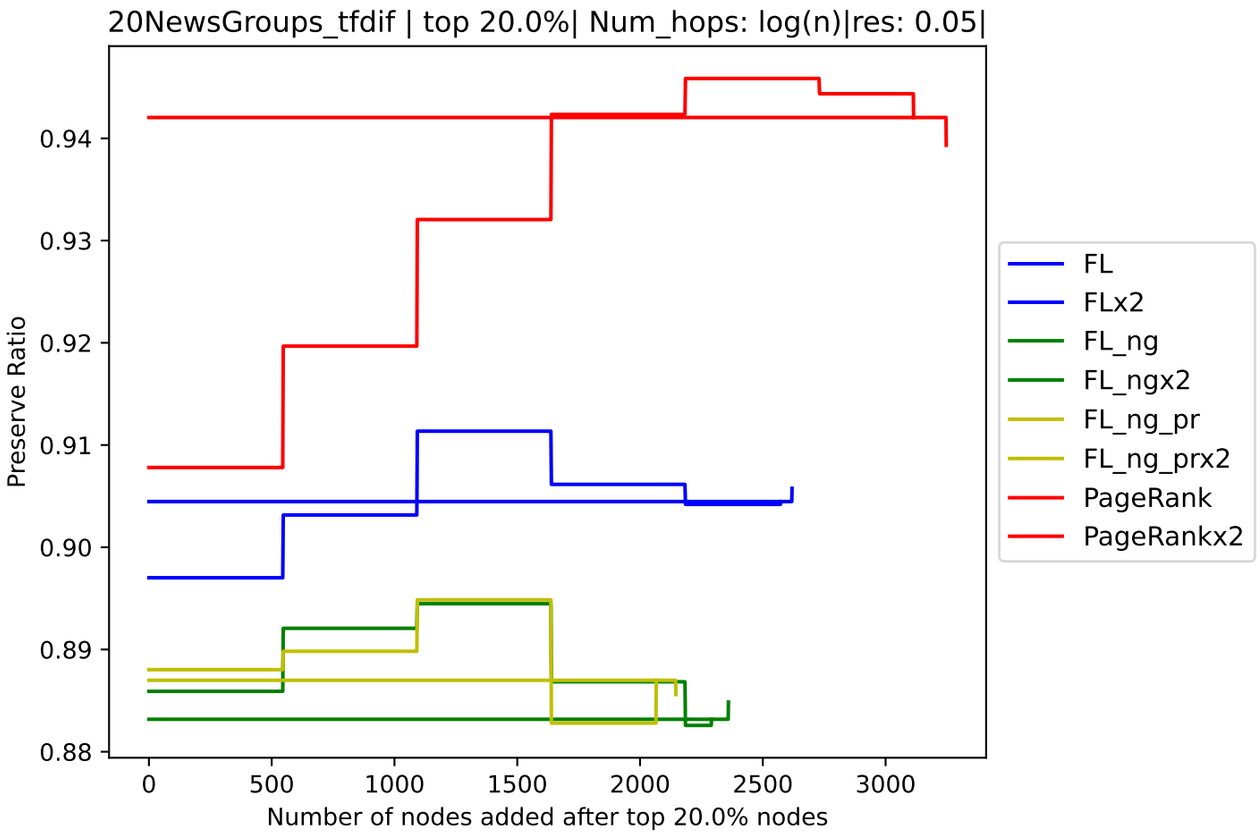


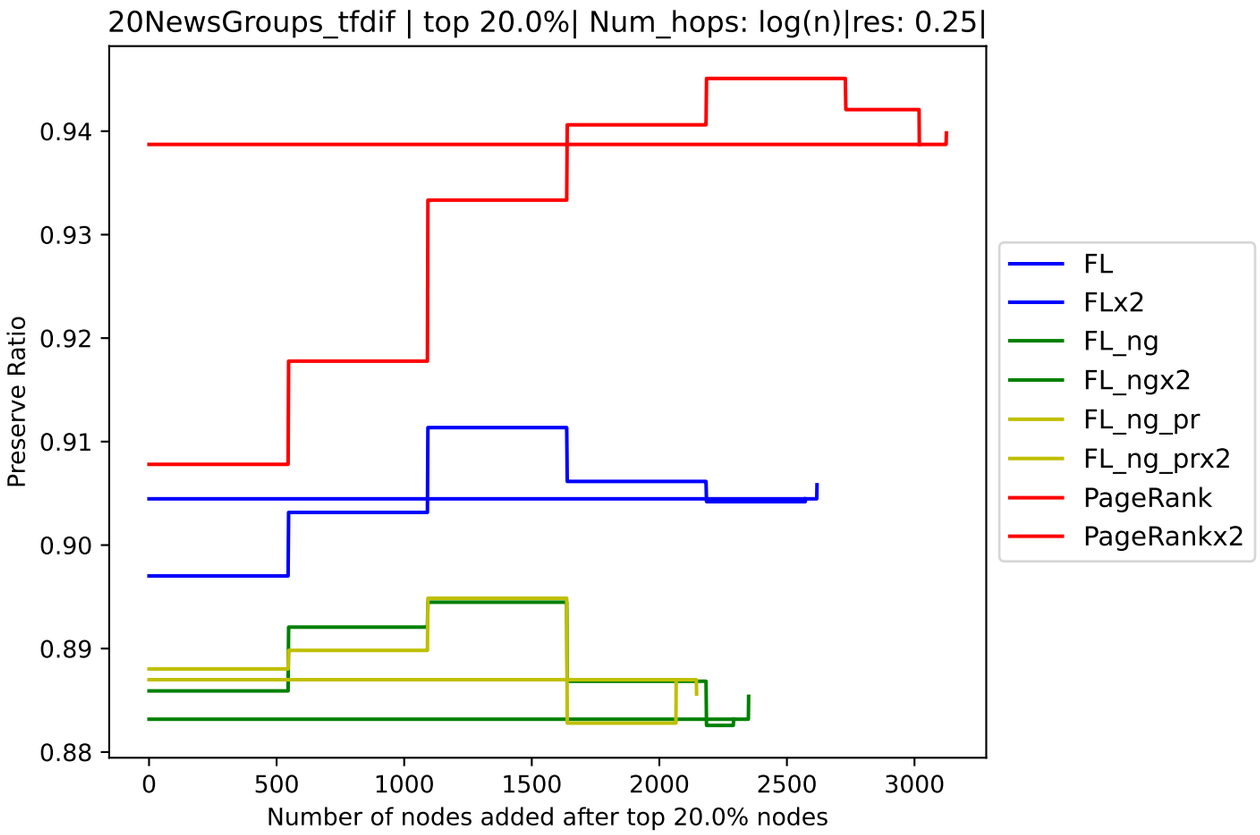
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1.5|

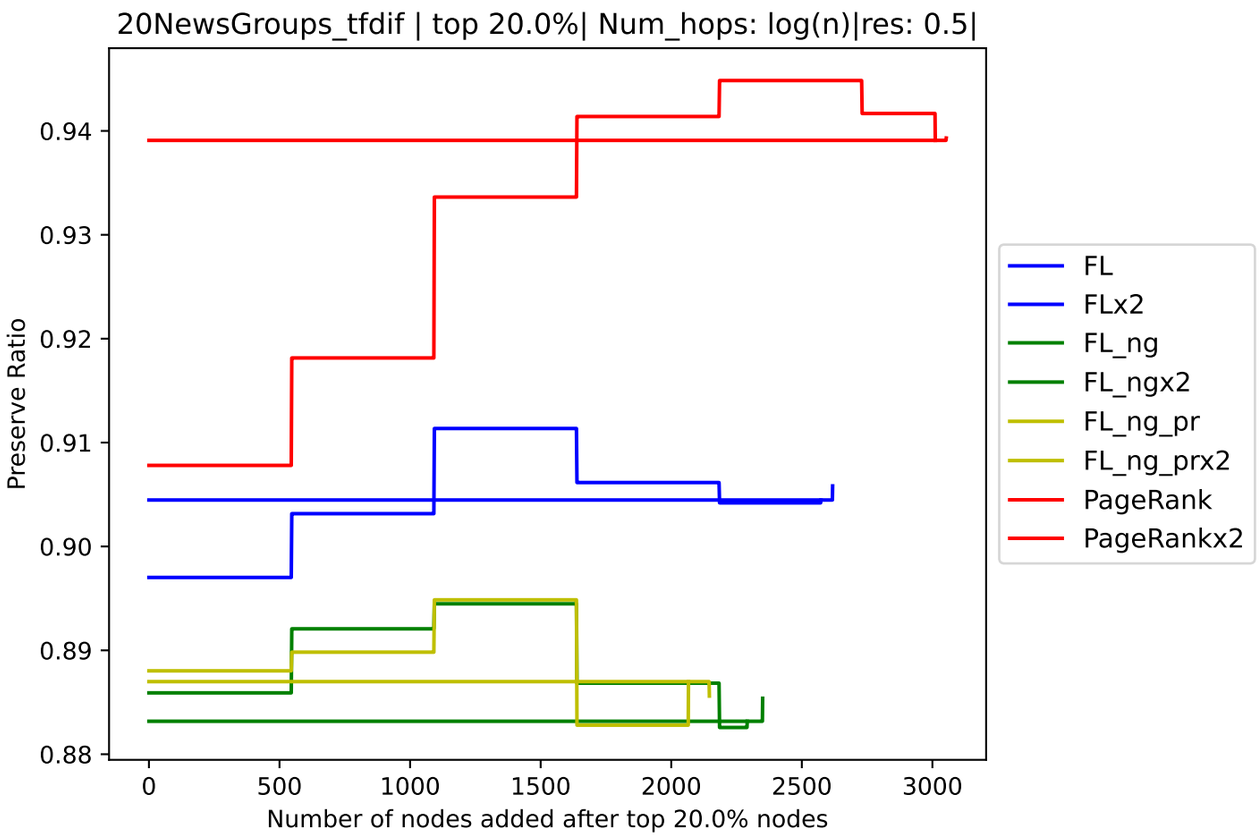


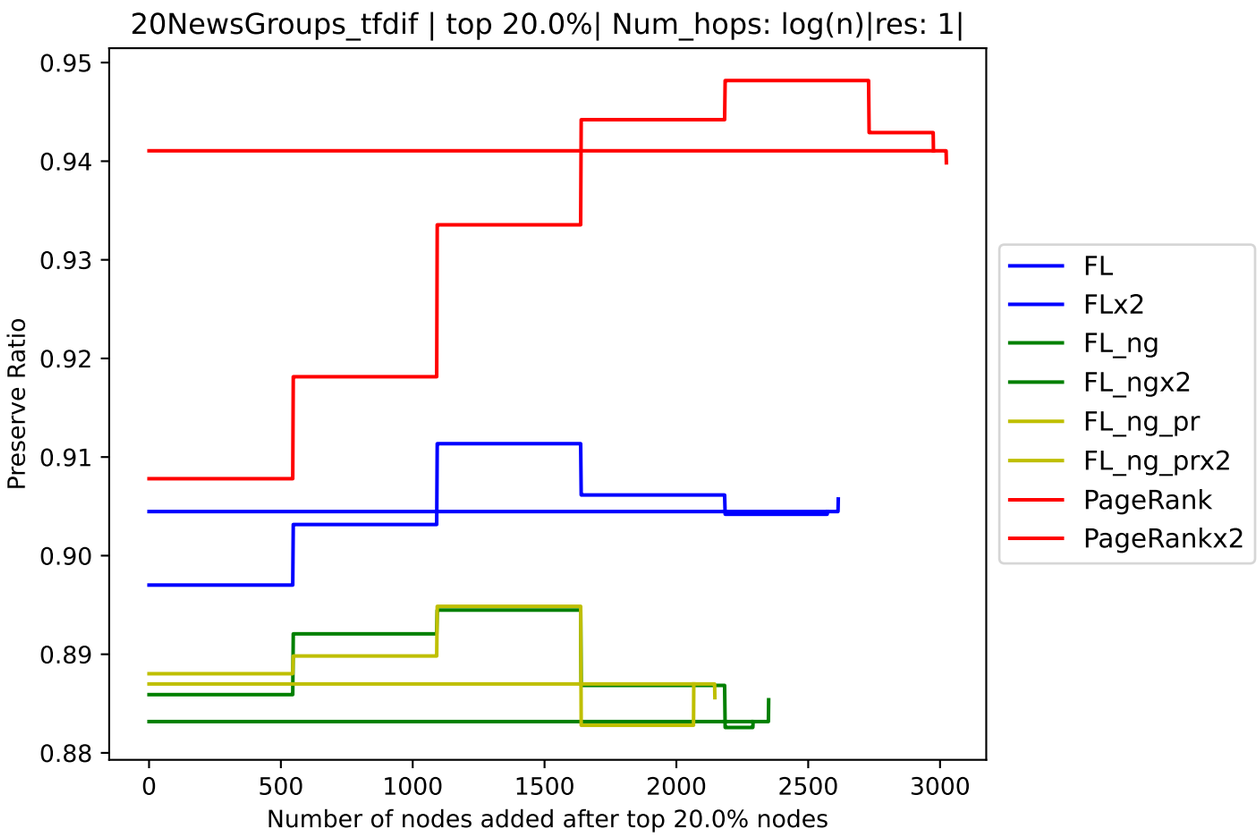
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 5|

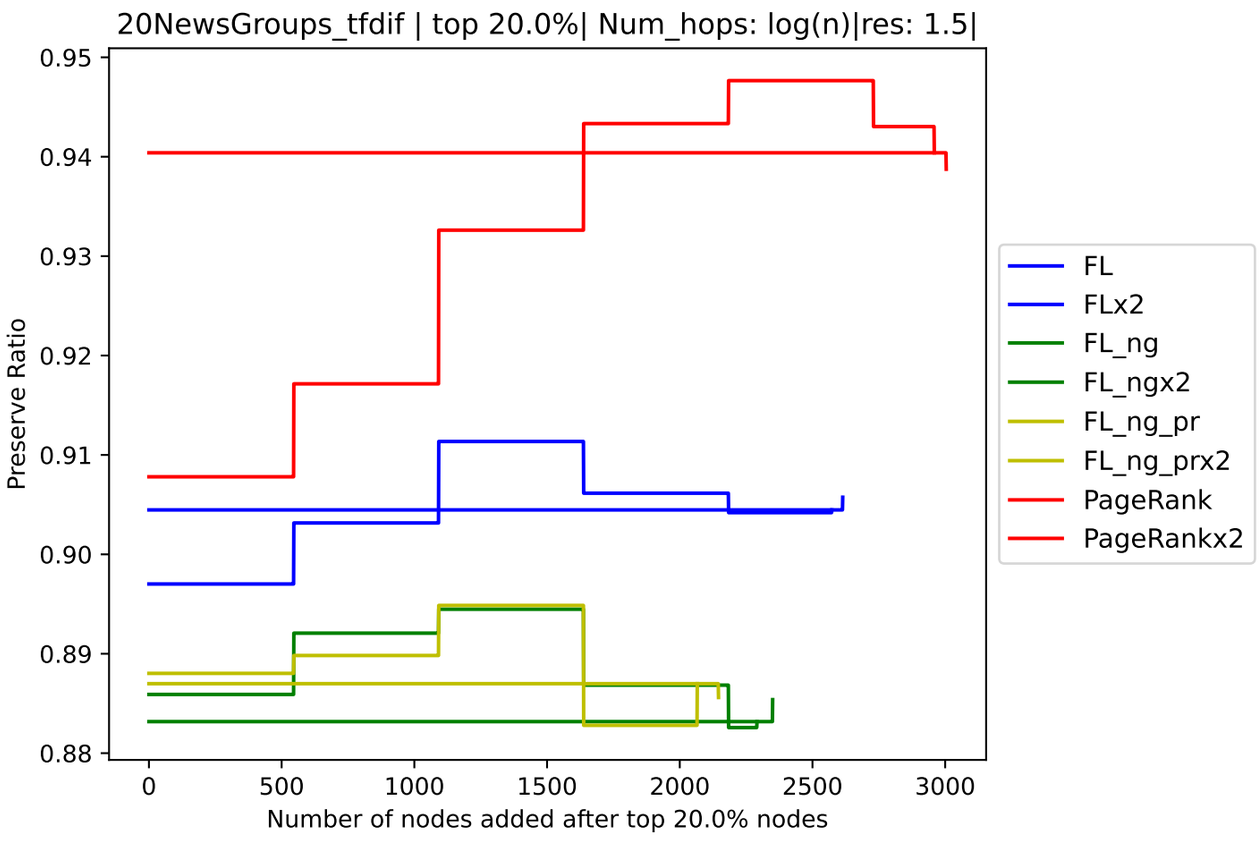


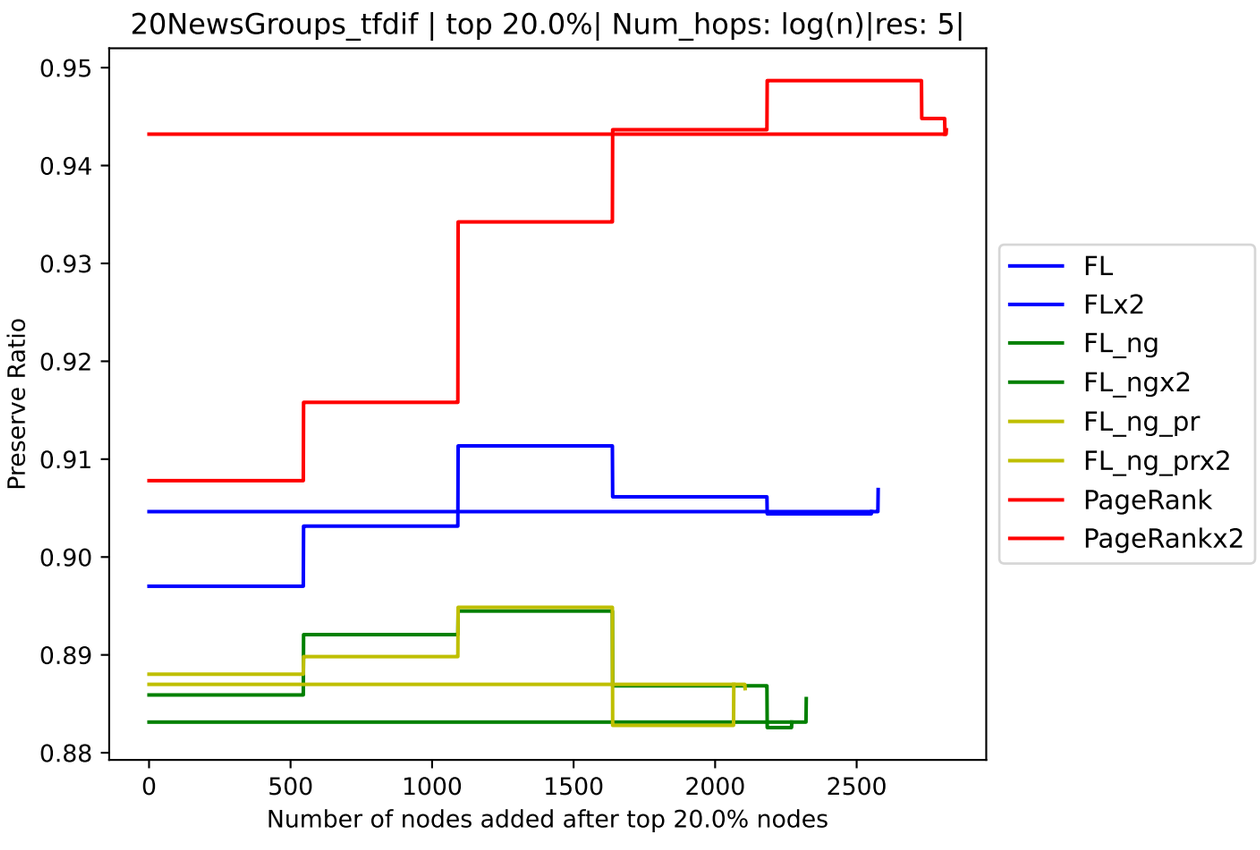

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.05|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

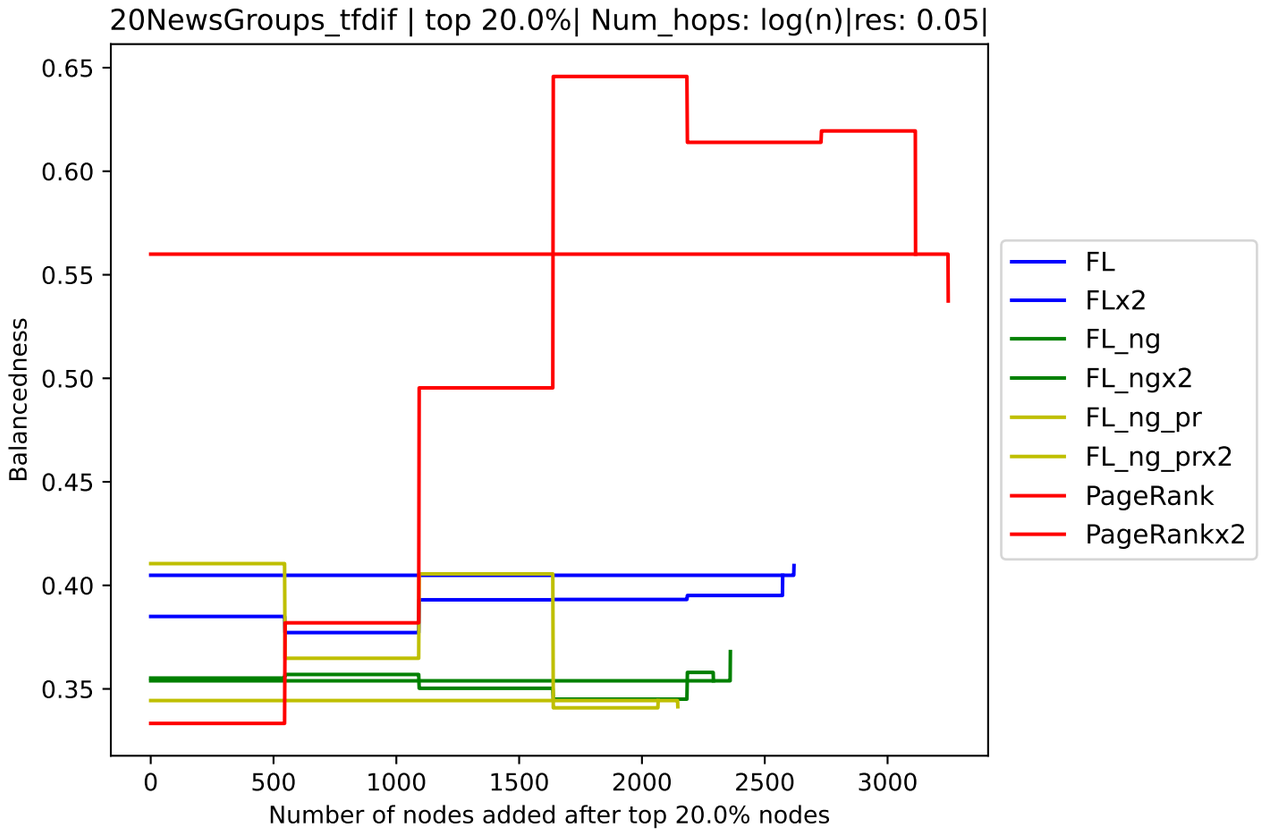

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.25|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

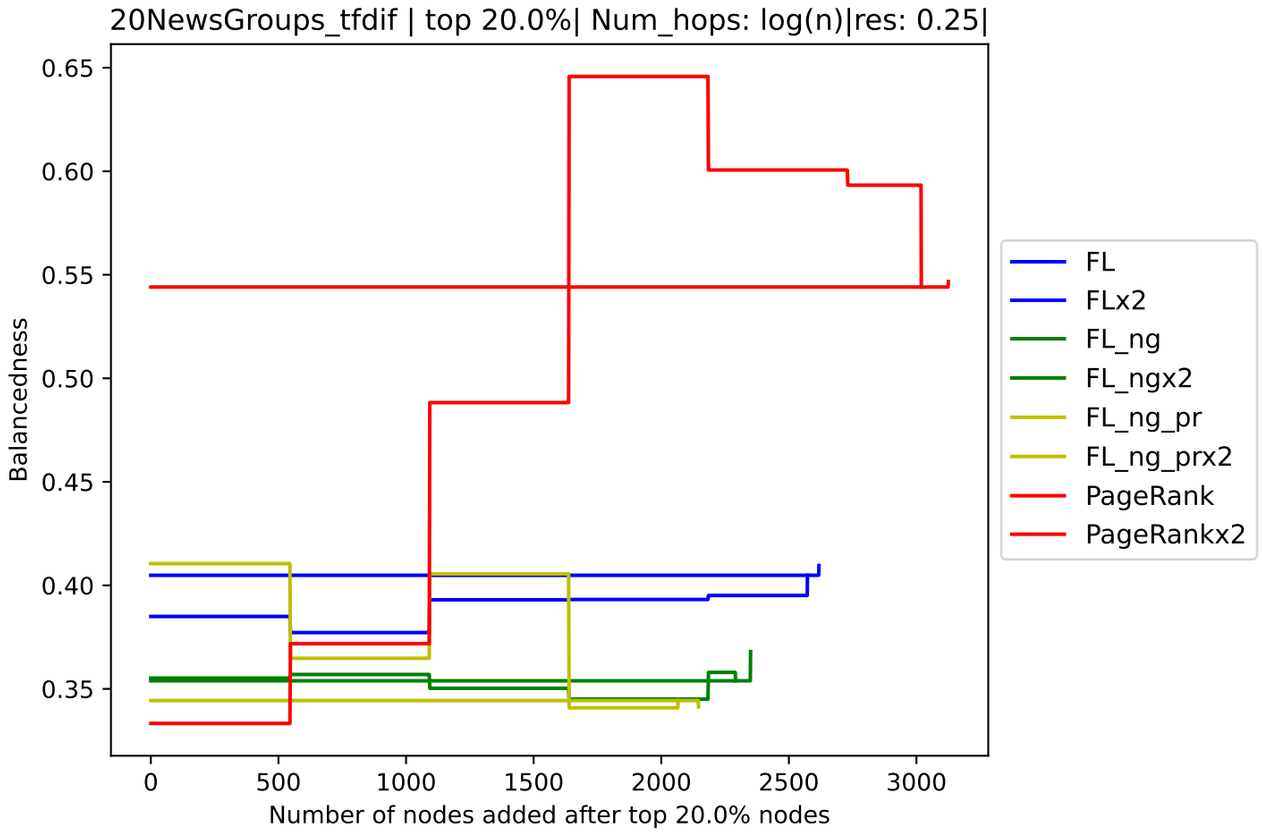

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

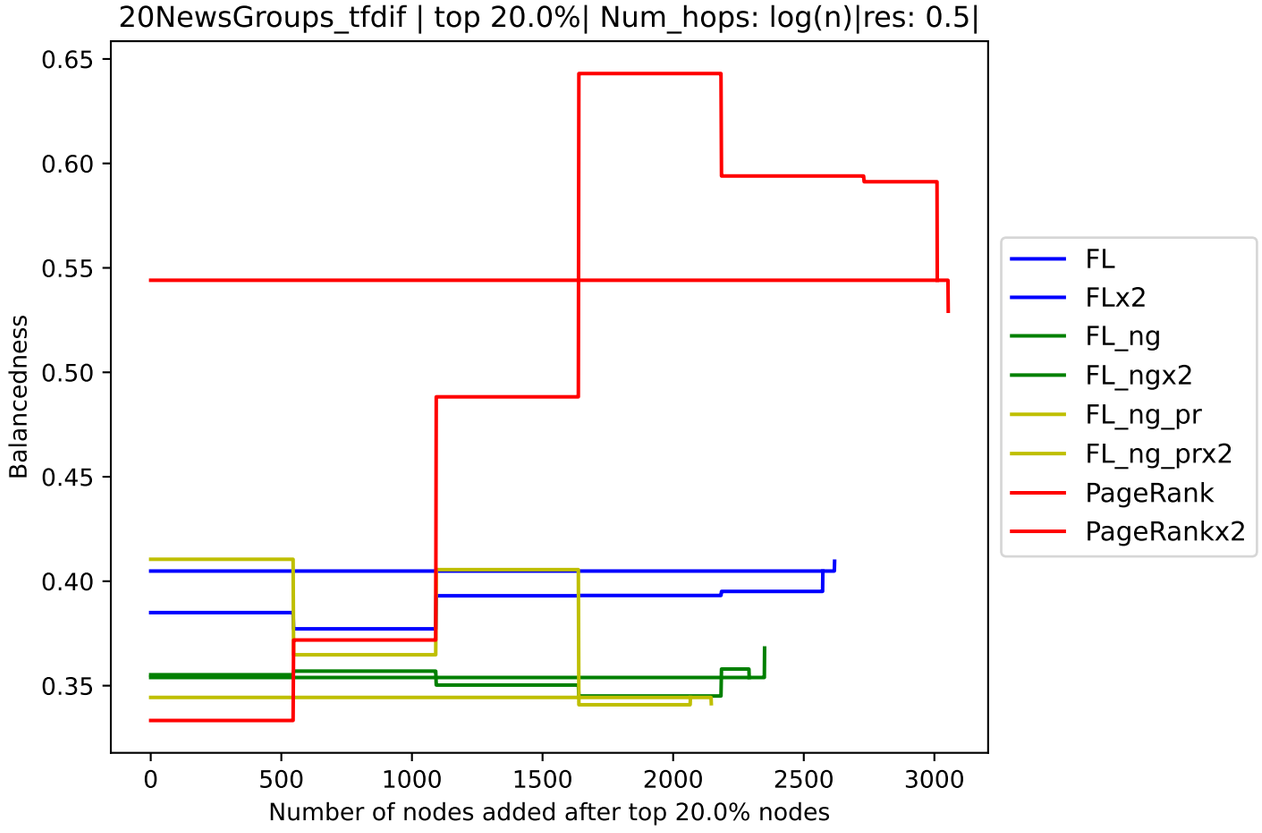

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

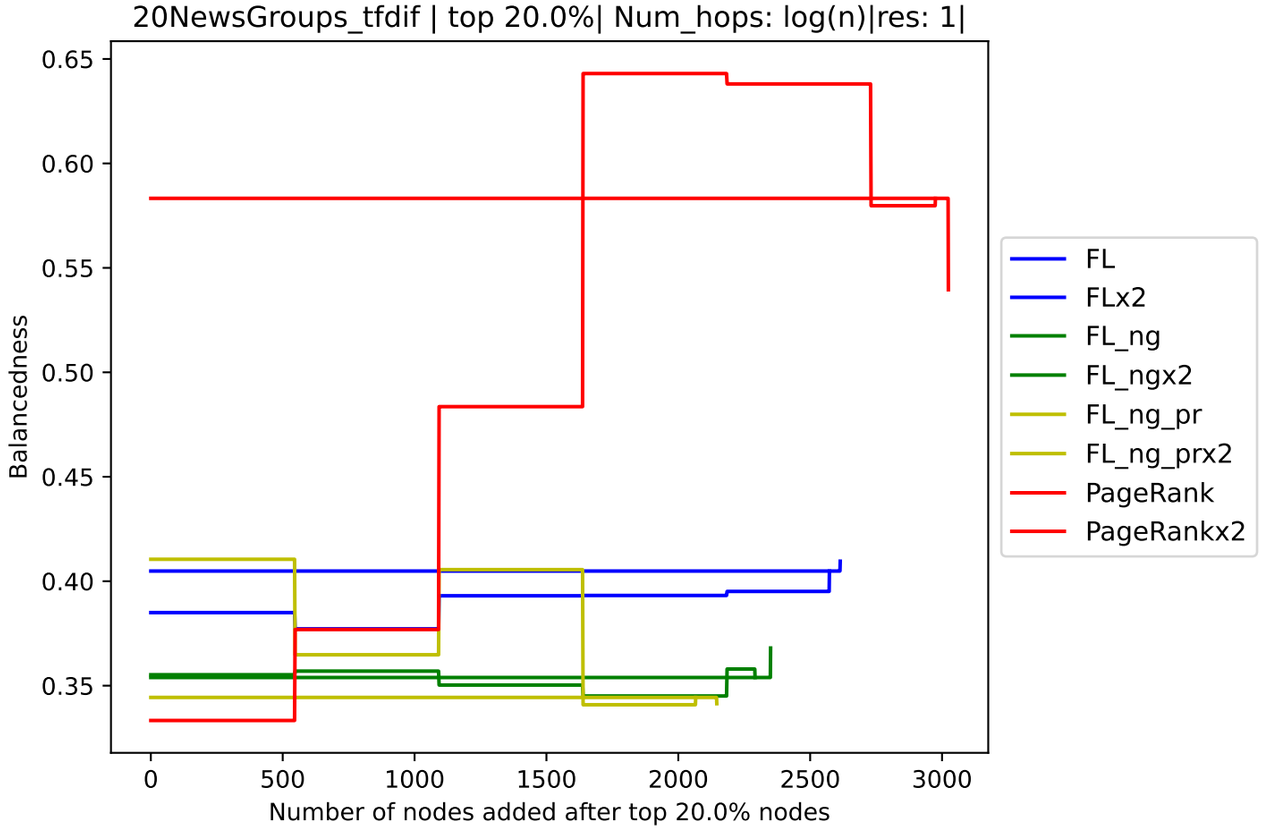

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1.5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

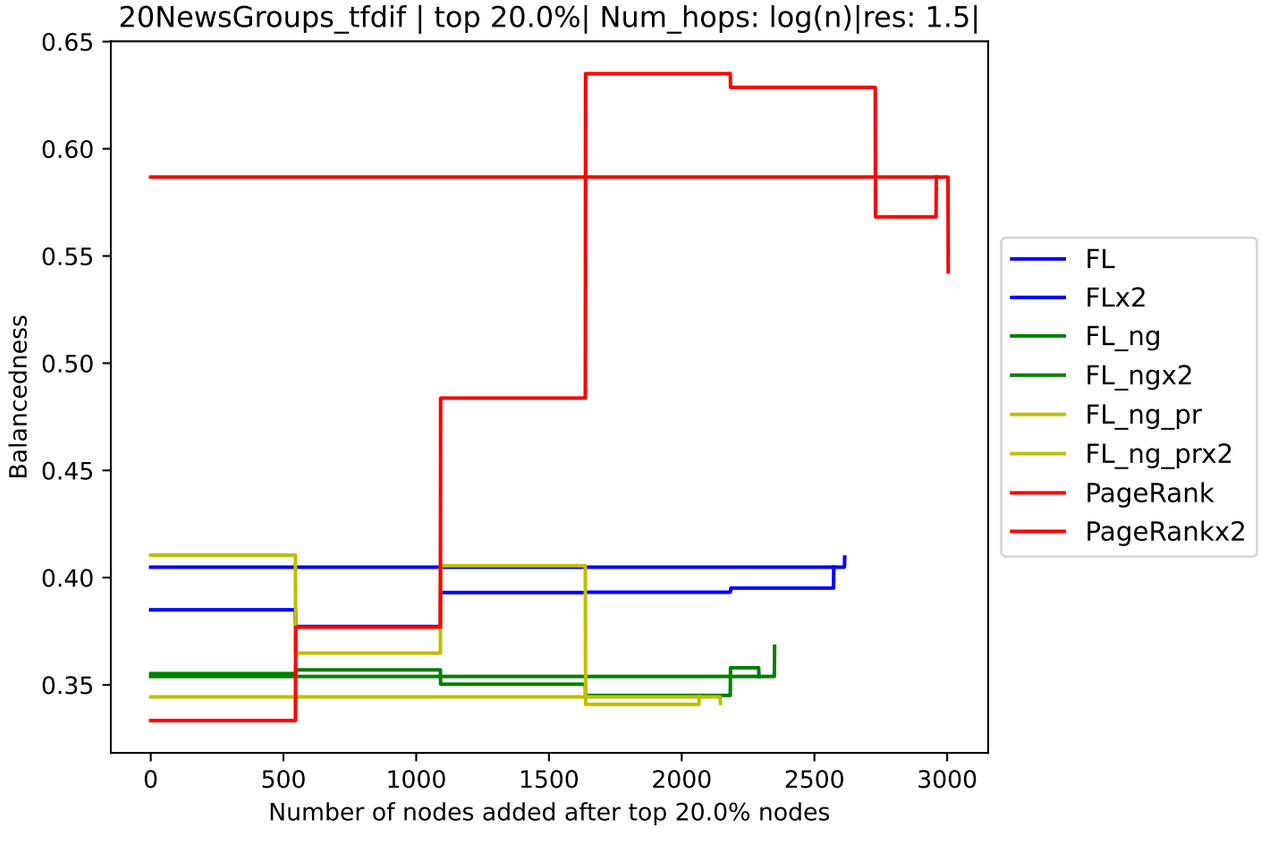

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 5|
Preserve Ratio
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

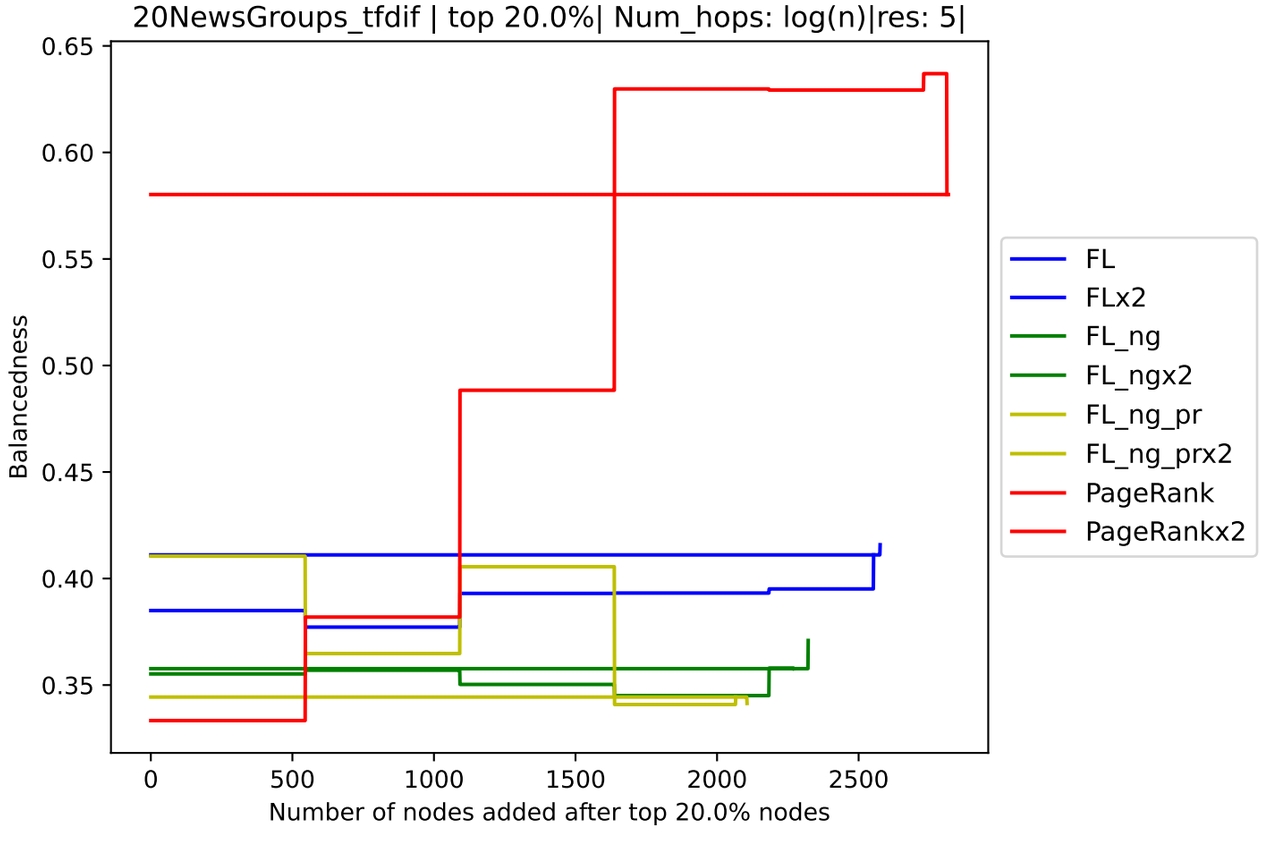

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.05|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.25|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

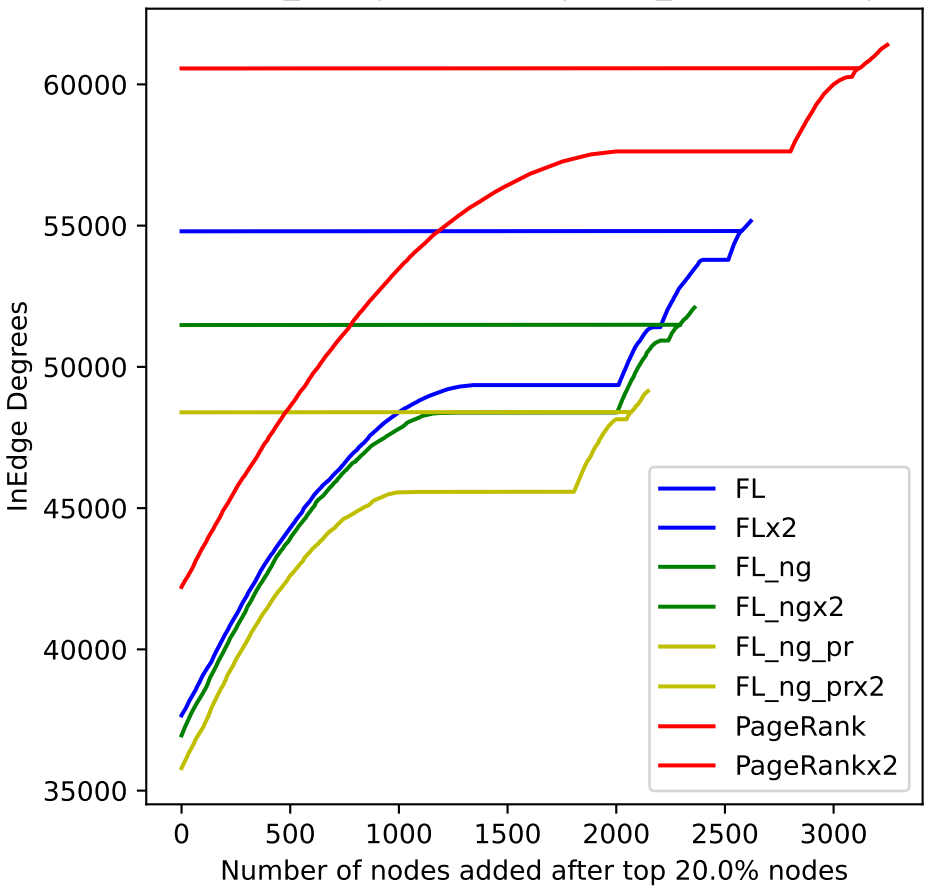

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.5|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

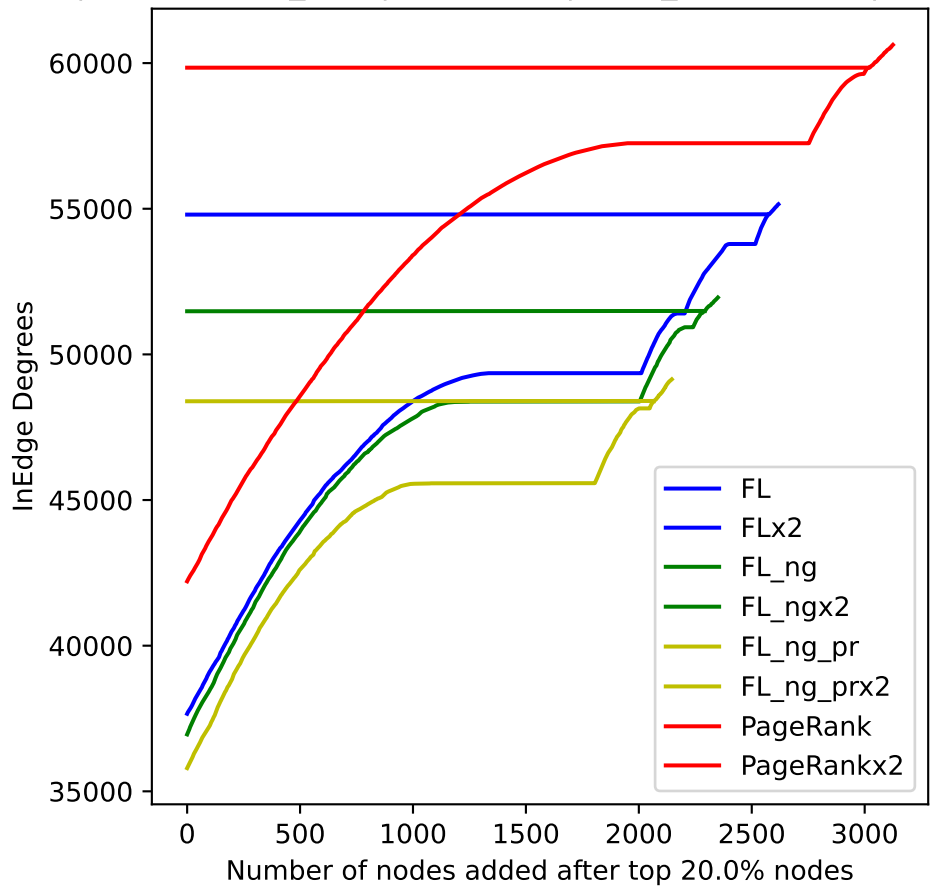

20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1.5|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2


20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 5|
Balancedness
Number of nodes added after top 20.0% nodes
FL
FLx2
FL_ng
FL_ngx2
FL_ng_pr
FL_ng_prx2
PageRank
PageRankx2

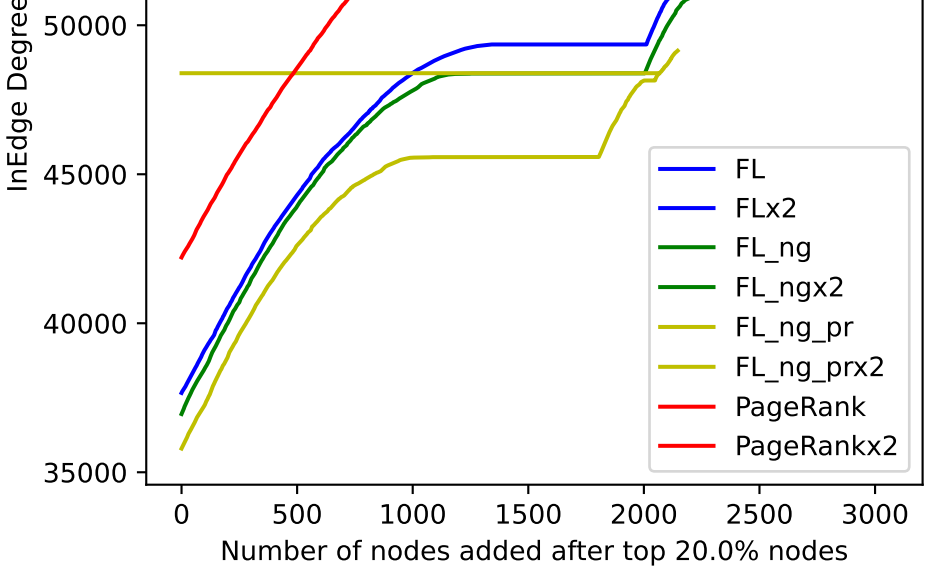
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.0



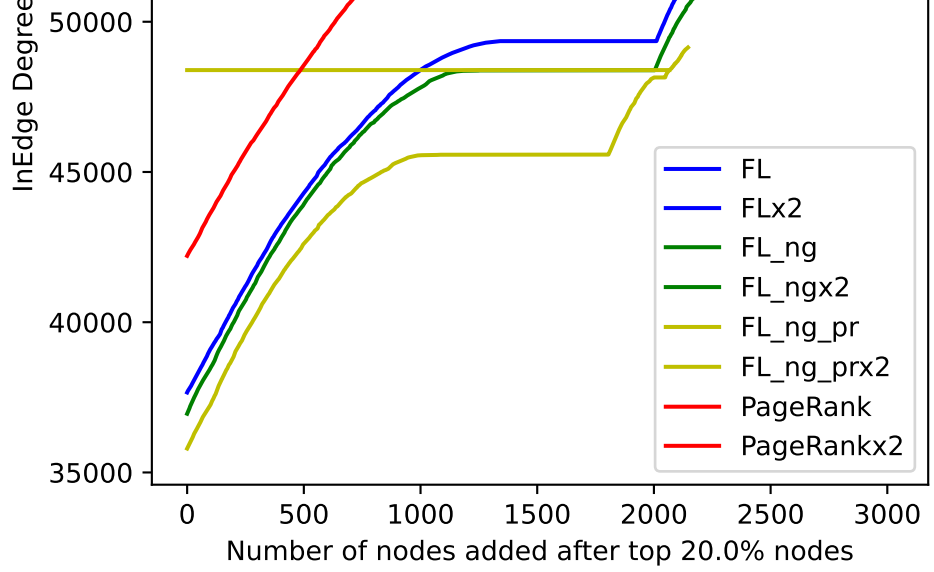
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.25



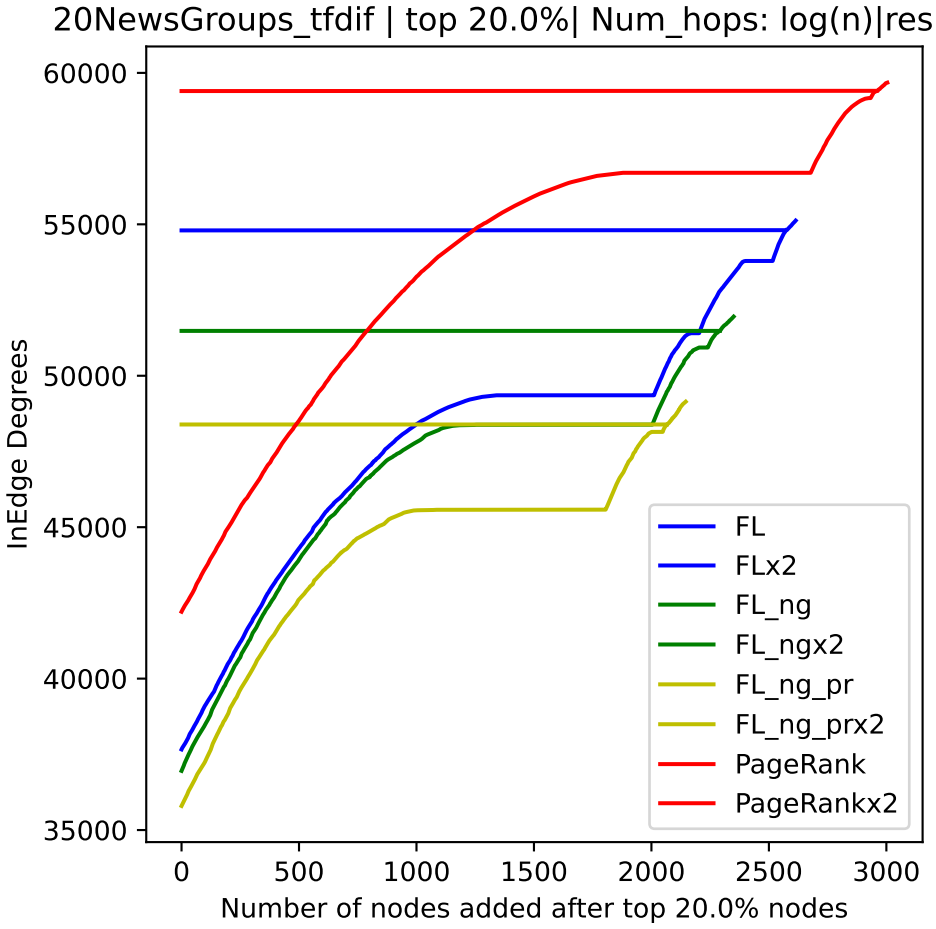
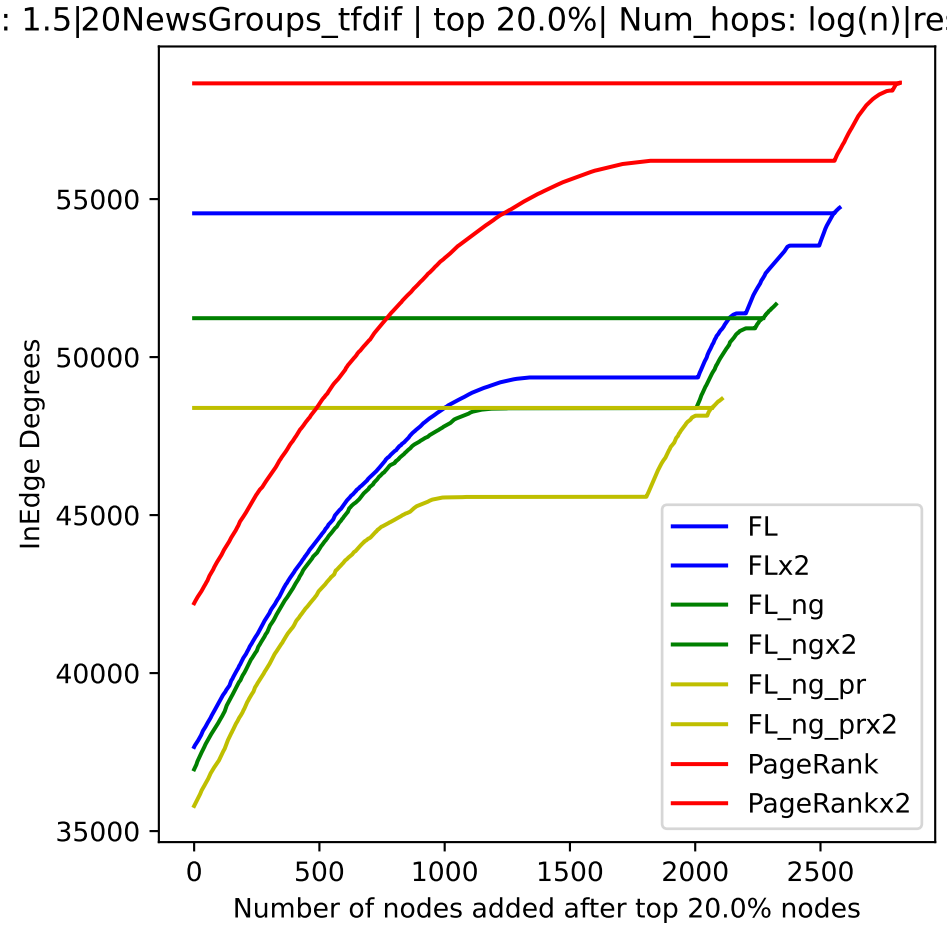
20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.5



20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 0.75



20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 1.5



20NewsGroups_tfdif | top 20.0%| Num_hops: log(n)|res: 2.0