Top-left panel: sGroups_tfdif | top 20.0%| Num_hops: log(n) |res: 0.05|#OfComm: 20
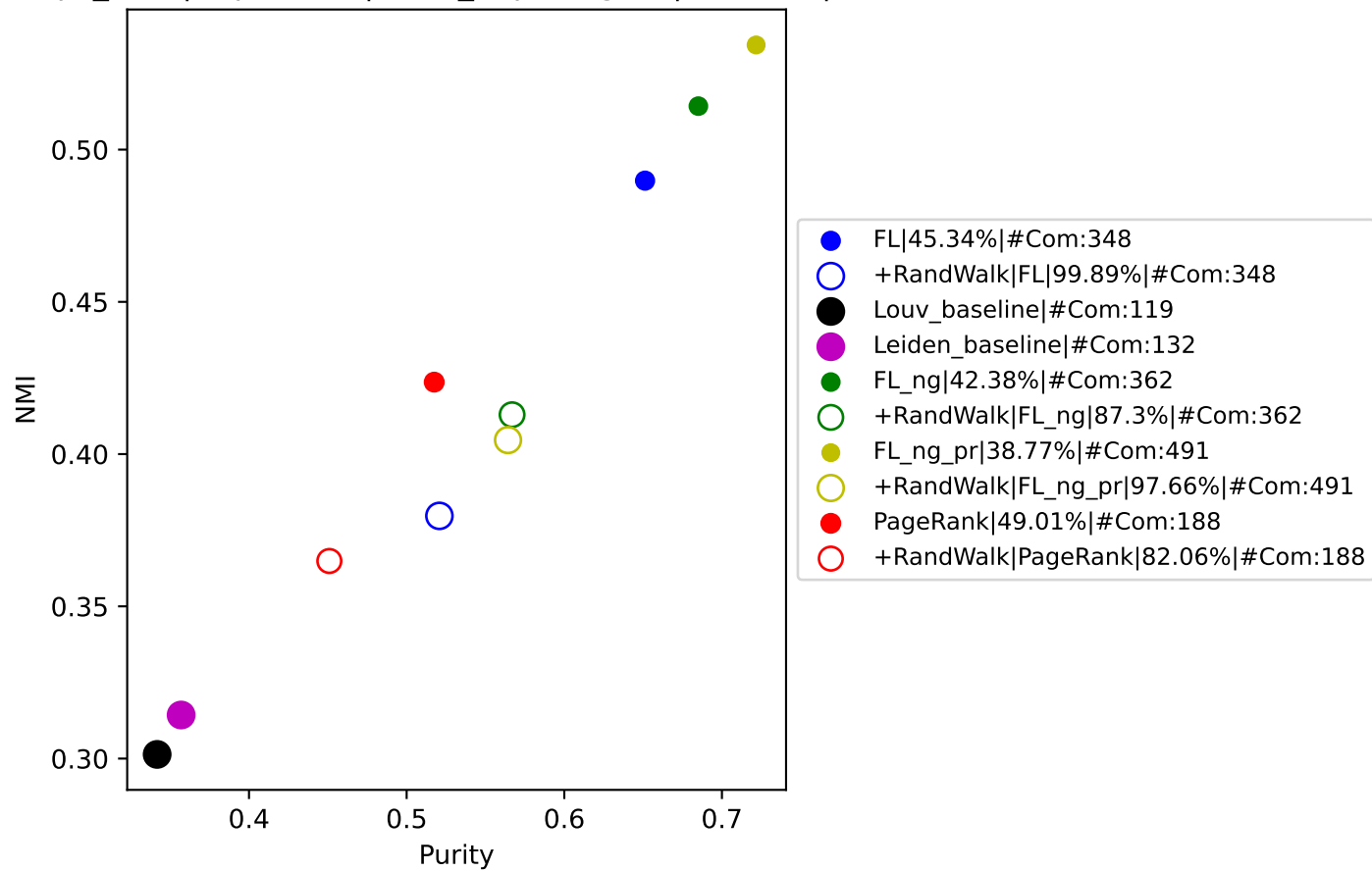
Legend:
- FL|45.34%|#Com:348
- +RandWalk|FL|99.89%|#Com:348
- Louv_baseline|#Com:119
- Leiden_baseline|#Com:132
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.3%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.66%|#Com:491
- PageRank|49.01%|#Com:188
- +RandWalk|PageRank|82.06%|#Com:188

Top-right panel: 20NewsGroups_tfdif | top 20.0%| Num_hops: log(n) |res: 0.25|#OfComm: 20

Legend:
- FL|45.34%|#Com:348
- +RandWalk|FL|99.89%|#Com:348
- Louv_baseline|#Com:133
- Leiden_baseline|#Com:147
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.34%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.76%|#Com:491
- PageRank|48.36%|#Com:194
- +RandWalk|PageRank|81.87%|#Com:194
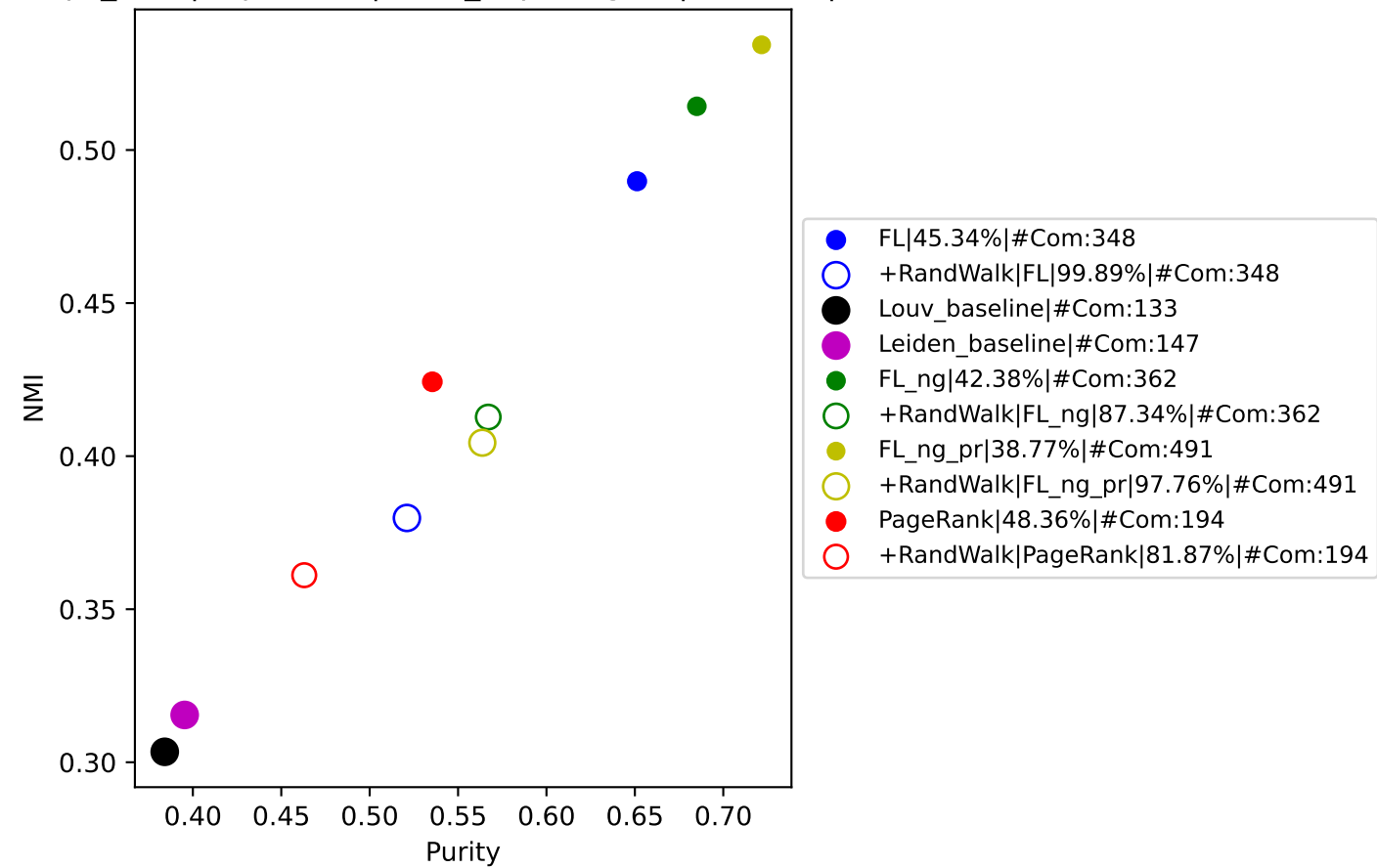
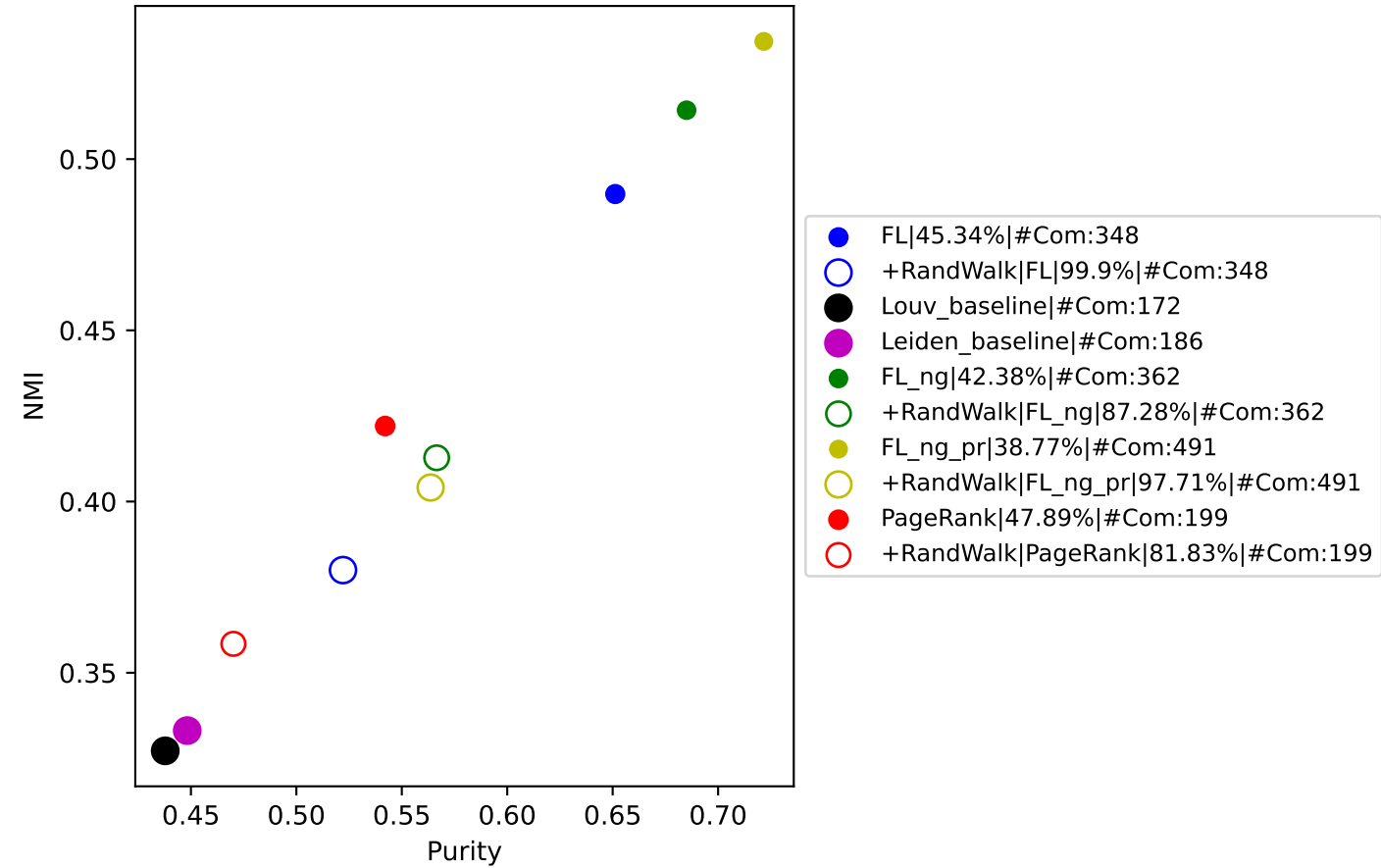**Middle-left panel:** sGroups_tfdif | top 20.0%| Num_hops: log(n) |res: 0.5|#OfComm: 20

Legend:
- FL|45.34%|#Com:348
- +RandWalk|FL|99.91%|#Com:348
- Louv_baseline|#Com:154
- Leiden_baseline|#Com:162
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.22%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.71%|#Com:491
- PageRank|47.99%|#Com:197
- +RandWalk|PageRank|81.79%|#Com:197
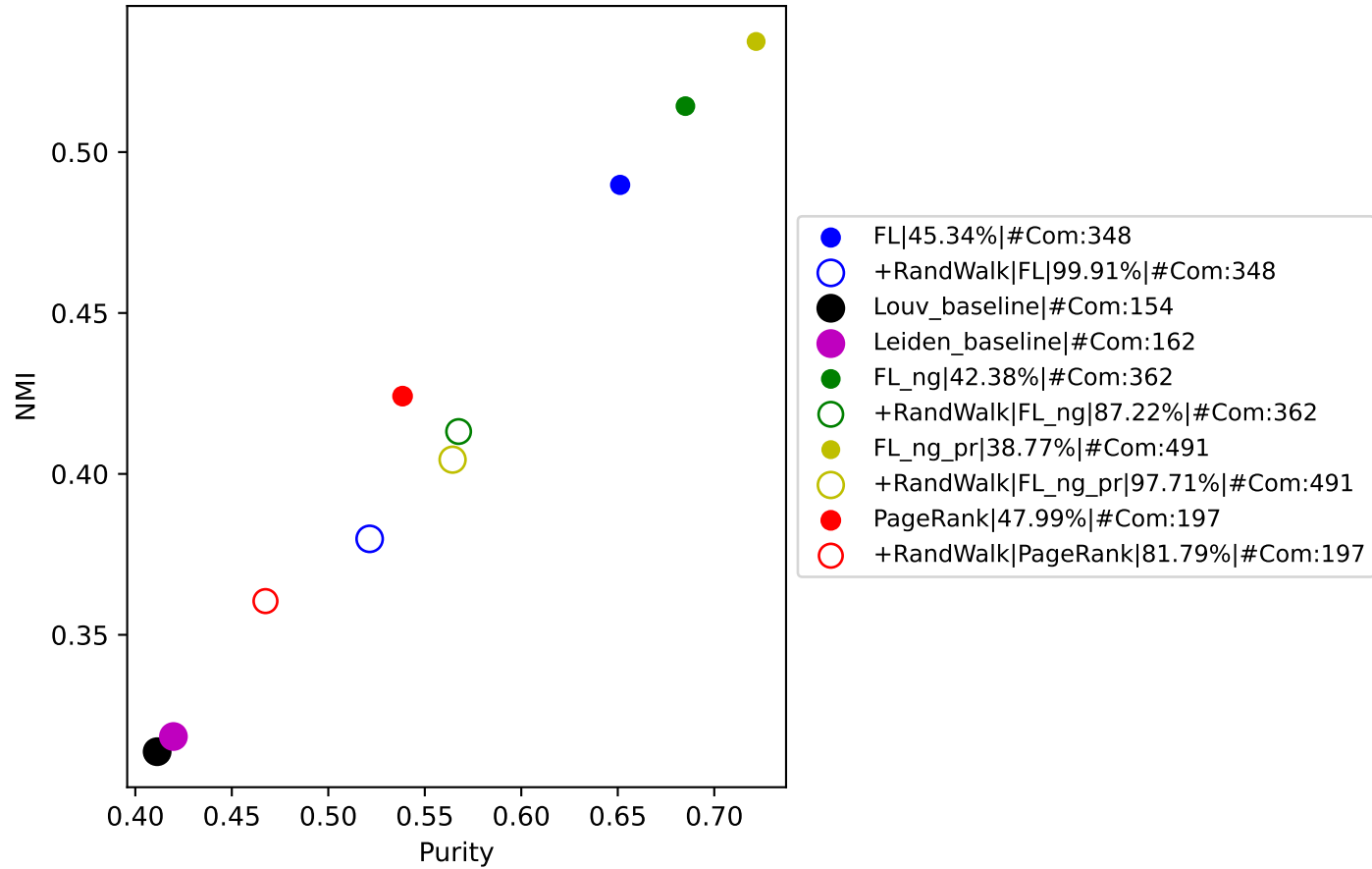
Middle-right panel: 20NewsGroups_tfdif | top 20.0%| Num_hops: log(n) |res: 1|#OfComm: 20

Legend:
- FL|45.34%|#Com:348
- +RandWalk|FL|99.9%|#Com:348
- Louv_baseline|#Com:172
- Leiden_baseline|#Com:186
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.28%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.71%|#Com:491
- PageRank|47.89%|#Com:199
- +RandWalk|PageRank|81.83%|#Com:199

Bottom-left panel: sGroups_tfdif | top 20.0%| Num_hops: log(n) |res: 1.5|#OfComm: 20

Legend:
- FL|45.34%|#Com:348
- +RandWalk|FL|99.91%|#Com:348
- Louv_baseline|#Com:191
- Leiden_baseline|#Com:203
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.33%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.71%|#Com:491
- PageRank|47.72%|#Com:200
- +RandWalk|PageRank|81.74%|#Com:200
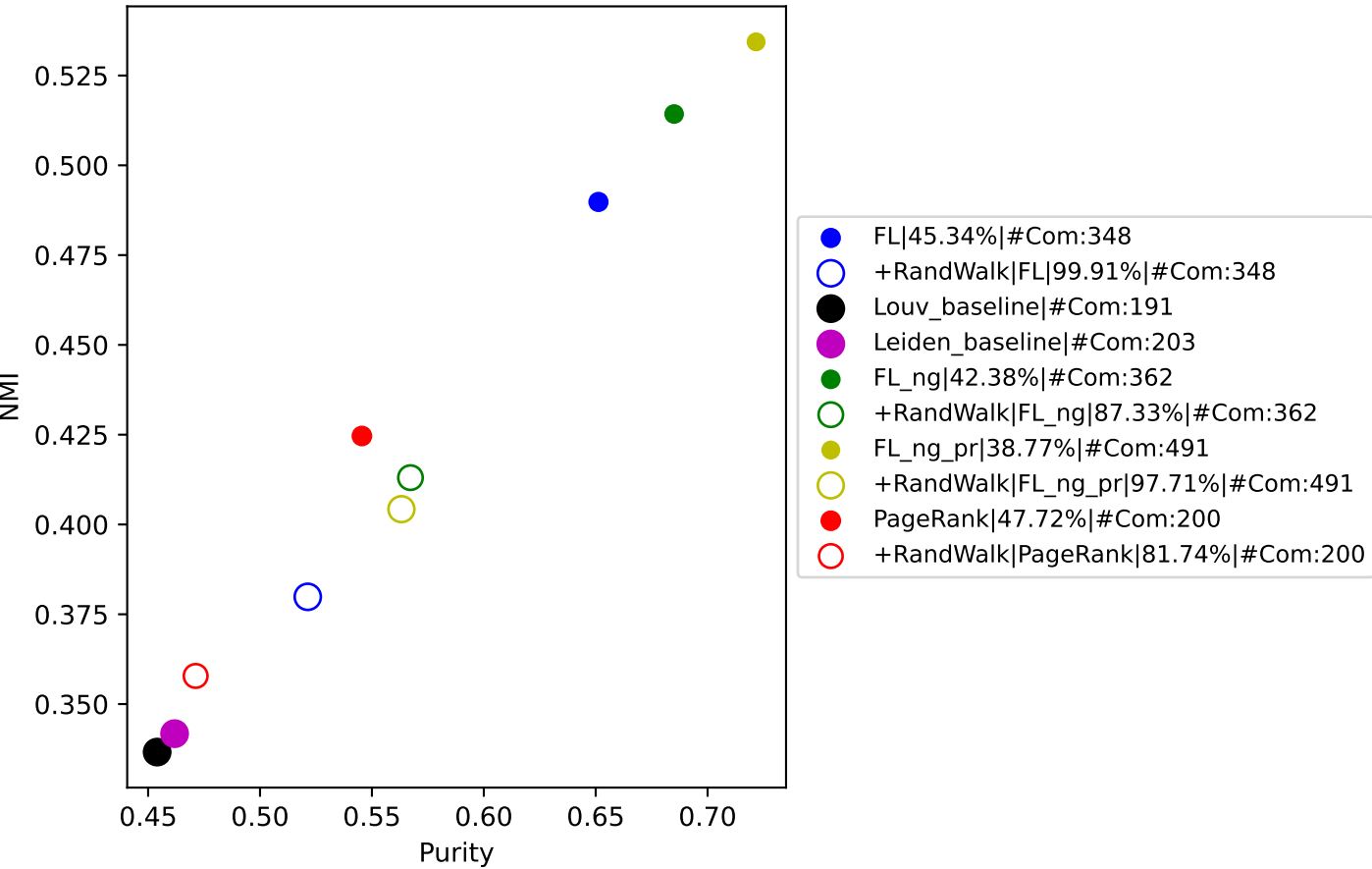
Bottom-right panel: 20NewsGroups_tfdif | top 20.0%| Num_hops: log(n) |res: 5|#OfComm: 20
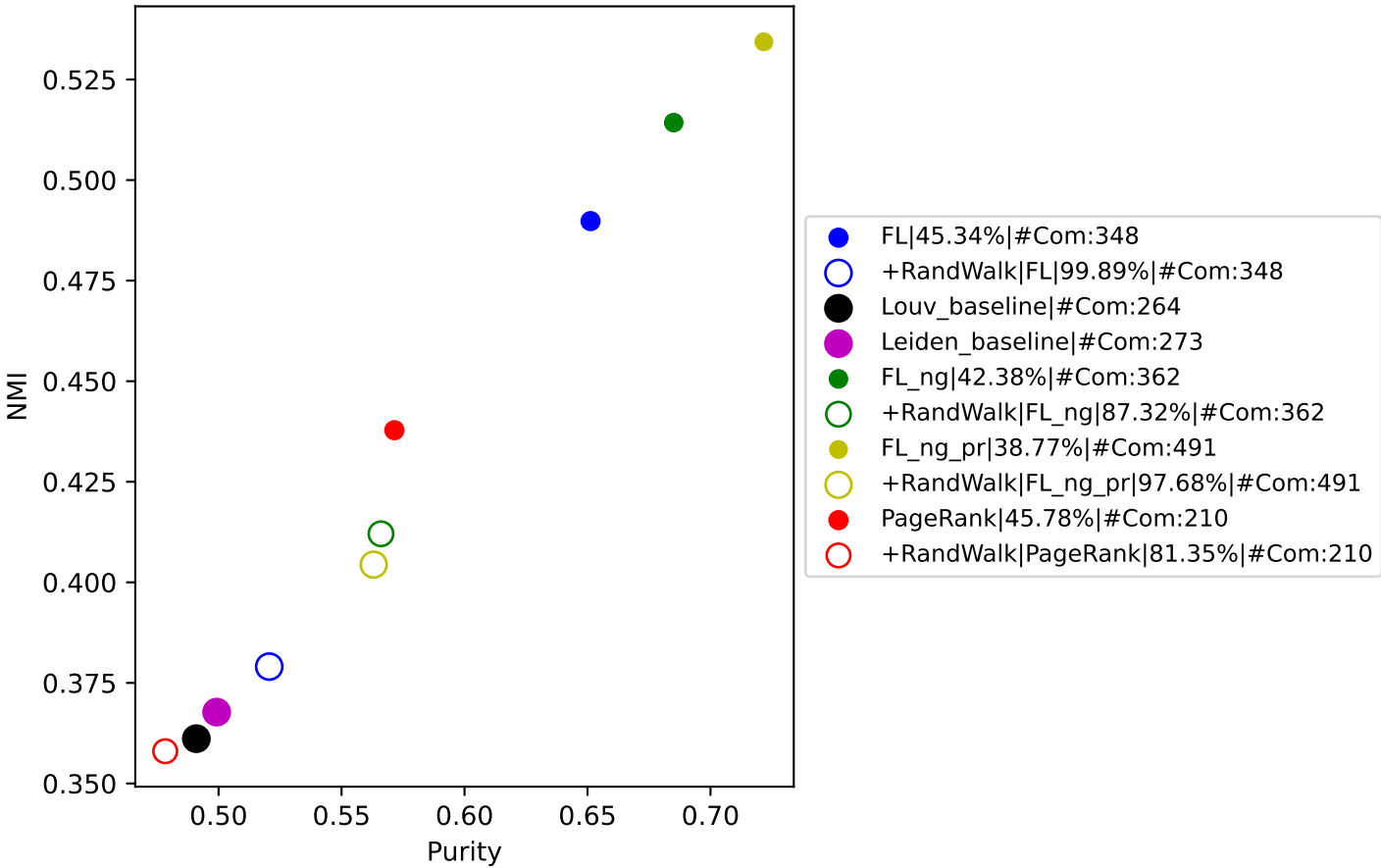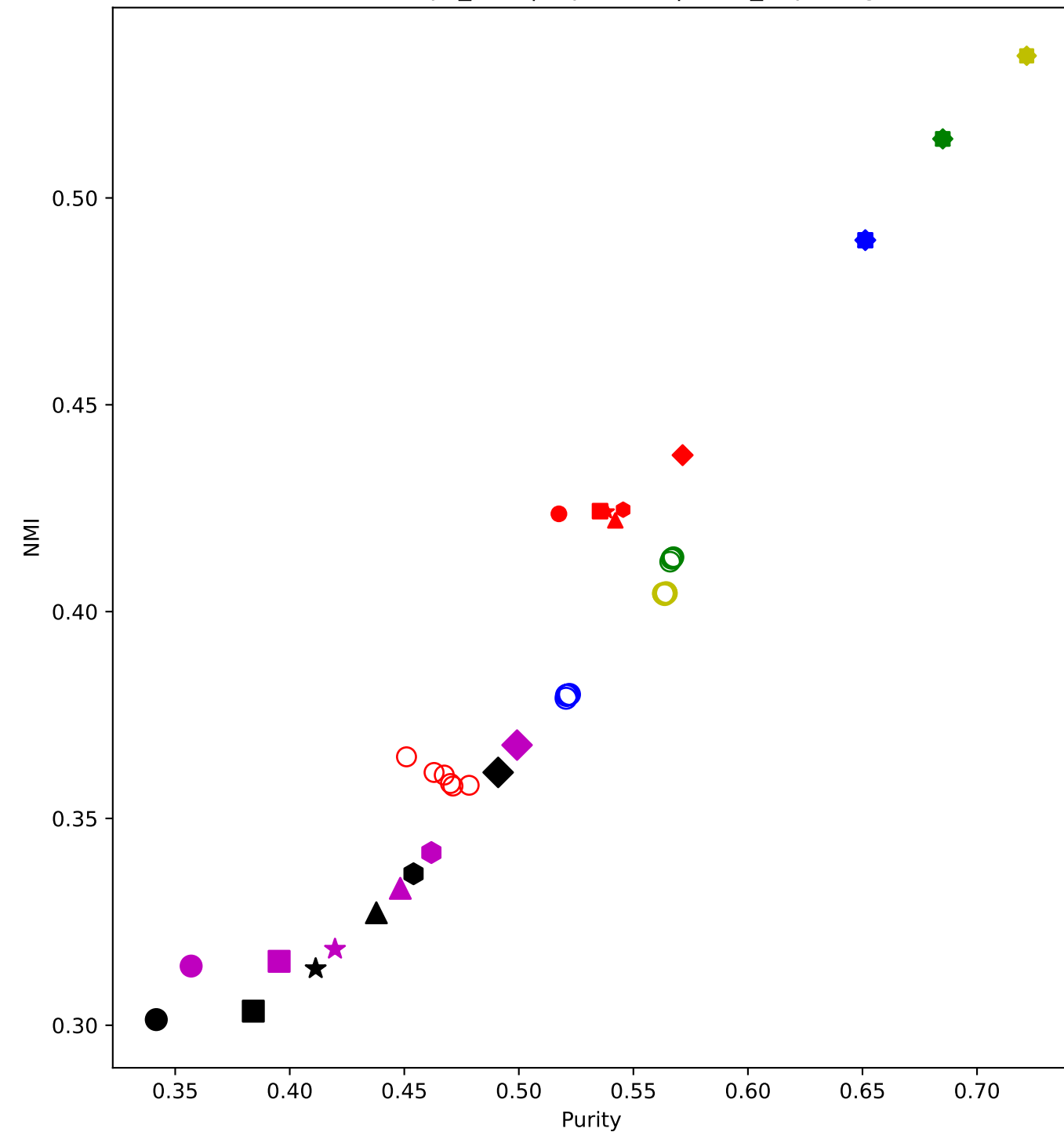
Legend:
- FL|45.34%|#Com:348
- +RandWalk|FL|99.89%|#Com:348
- Louv_baseline|#Com:264
- Leiden_baseline|#Com:273
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.32%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.68%|#Com:491
- PageRank|45.78%|#Com:210
- +RandWalk|PageRank|81.35%|#Com:210

Axis labels for all panels: Purity (x-axis), NMI (y-axis)

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

Legend:
- FL|45.34%|#Com:348
- FL|45.34%|#Com:348
- +RandWalk|FL|99.89%|#Com:348
- +RandWalk|FL|99.9%|#Com:348
- Louv_baseline|0.05
- Louv_baseline|1
- Leiden_baseline|0.05
- Leiden_baseline|1
- FL_ng|42.38%|#Com:362
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.3%|#Com:362
- +RandWalk|FL_ng|87.28%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.66%|#Com:491
- +RandWalk|FL_ng_pr|97.71%|#Com:491
- PageRank|49.01%|#Com:188
- PageRank|47.89%|#Com:199
- +RandWalk|PageRank|82.06%|#Com:188
- +RandWalk|PageRank|81.83%|#Com:199
- FL|45.34%|#Com:348
- FL|45.34%|#Com:348
- +RandWalk|FL|99.89%|#Com:348
- +RandWalk|FL|99.91%|#Com:348
- Louv_baseline|0.25
- Louv_baseline|1.5
- Leiden_baseline|0.25
- Leiden_baseline|1.5
- FL_ng|42.38%|#Com:362
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.34%|#Com:362
- +RandWalk|FL_ng|87.33%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.76%|#Com:491
- +RandWalk|FL_ng_pr|97.71%|#Com:491
- PageRank|48.36%|#Com:194
- PageRank|47.72%|#Com:200
- +RandWalk|PageRank|81.87%|#Com:194
- +RandWalk|PageRank|81.74%|#Com:200
- FL|45.34%|#Com:348
- FL|45.34%|#Com:348
- +RandWalk|FL|99.91%|#Com:348
- +RandWalk|FL|99.89%|#Com:348
- Louv_baseline|0.5
- Louv_baseline|5
- Leiden_baseline|0.5
- Leiden_baseline|5
- FL_ng|42.38%|#Com:362
- FL_ng|42.38%|#Com:362
- +RandWalk|FL_ng|87.22%|#Com:362
- +RandWalk|FL_ng|87.32%|#Com:362
- FL_ng_pr|38.77%|#Com:491
- FL_ng_pr|38.77%|#Com:491
- +RandWalk|FL_ng_pr|97.71%|#Com:491
- +RandWalk|FL_ng_pr|97.68%|#Com:491
- PageRank|47.99%|#Com:197
- PageRank|45.78%|#Com:210
- +RandWalk|PageRank|81.79%|#Com:197
- +RandWalk|PageRank|81.35%|#Com:210