Top-left panel: engmix8eq | top 20.0%| Num_hops: log(n) |res: 0.05|#OfComm: 8
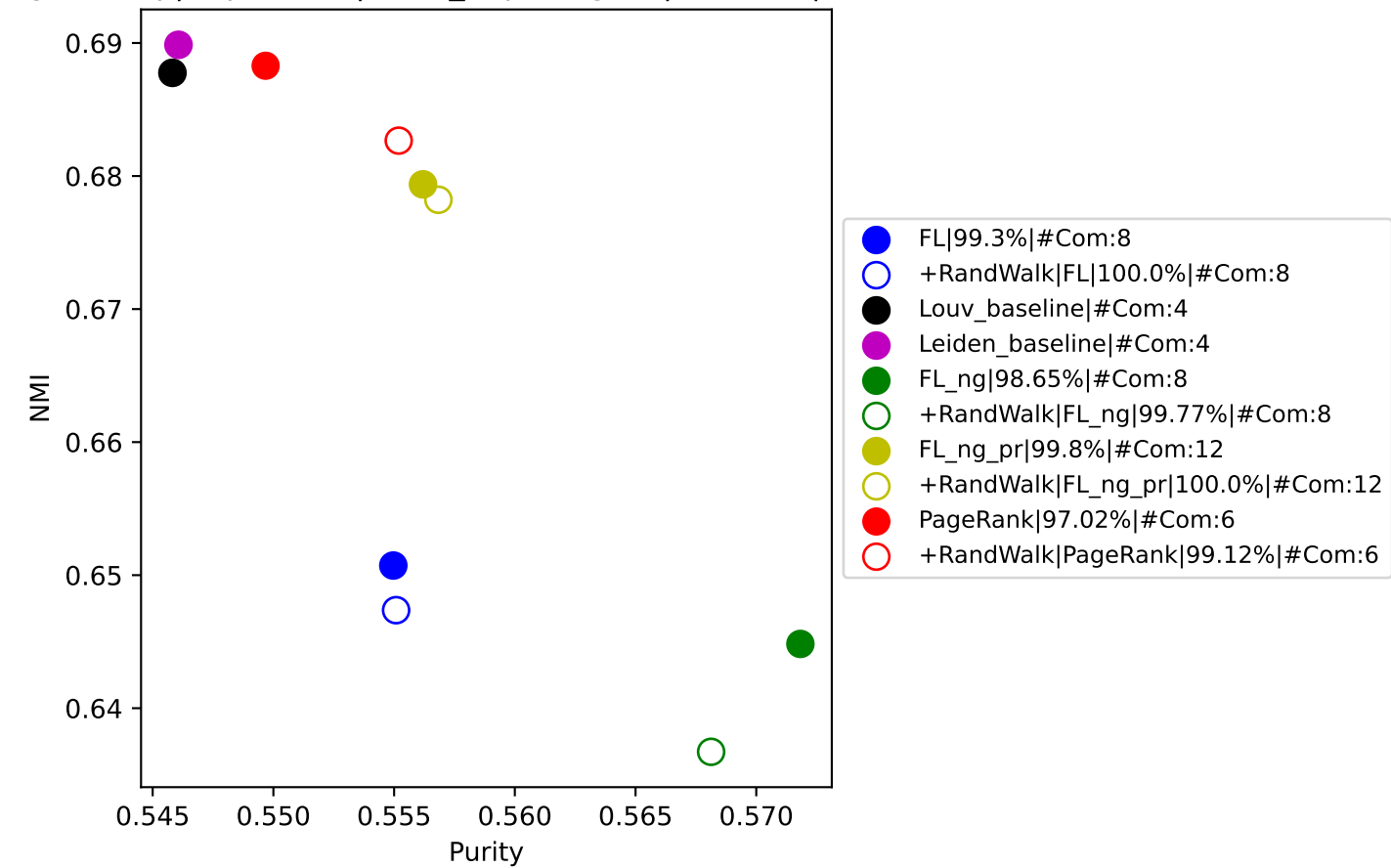
Legend:
- FL|99.3%|#Com:8
- +RandWalk|FL|100.0%|#Com:8
- Louv_baseline|#Com:4
- Leiden_baseline|#Com:4
- FL_ng|98.65%|#Com:8
- +RandWalk|FL_ng|99.77%|#Com:8
- FL_ng_pr|99.8%|#Com:12
- +RandWalk|FL_ng_pr|100.0%|#Com:12
- PageRank|97.02%|#Com:6
- +RandWalk|PageRank|99.12%|#Com:6

Top-right panel: Zhengmix8eq | top 20.0%| Num_hops: log(n) |res: 0.25|#OfComm: 8

Legend:
- FL|95.52%|#Com:10
- +RandWalk|FL|100.0%|#Com:10
- Louv_baseline|#Com:5
- Leiden_baseline|#Com:5
- FL_ng|94.77%|#Com:13
- +RandWalk|FL_ng|99.62%|#Com:13
- FL_ng_pr|95.77%|#Com:18
- +RandWalk|FL_ng_pr|100.0%|#Com:18
- PageRank|96.09%|#Com:7
- +RandWalk|PageRank|99.22%|#Com:7
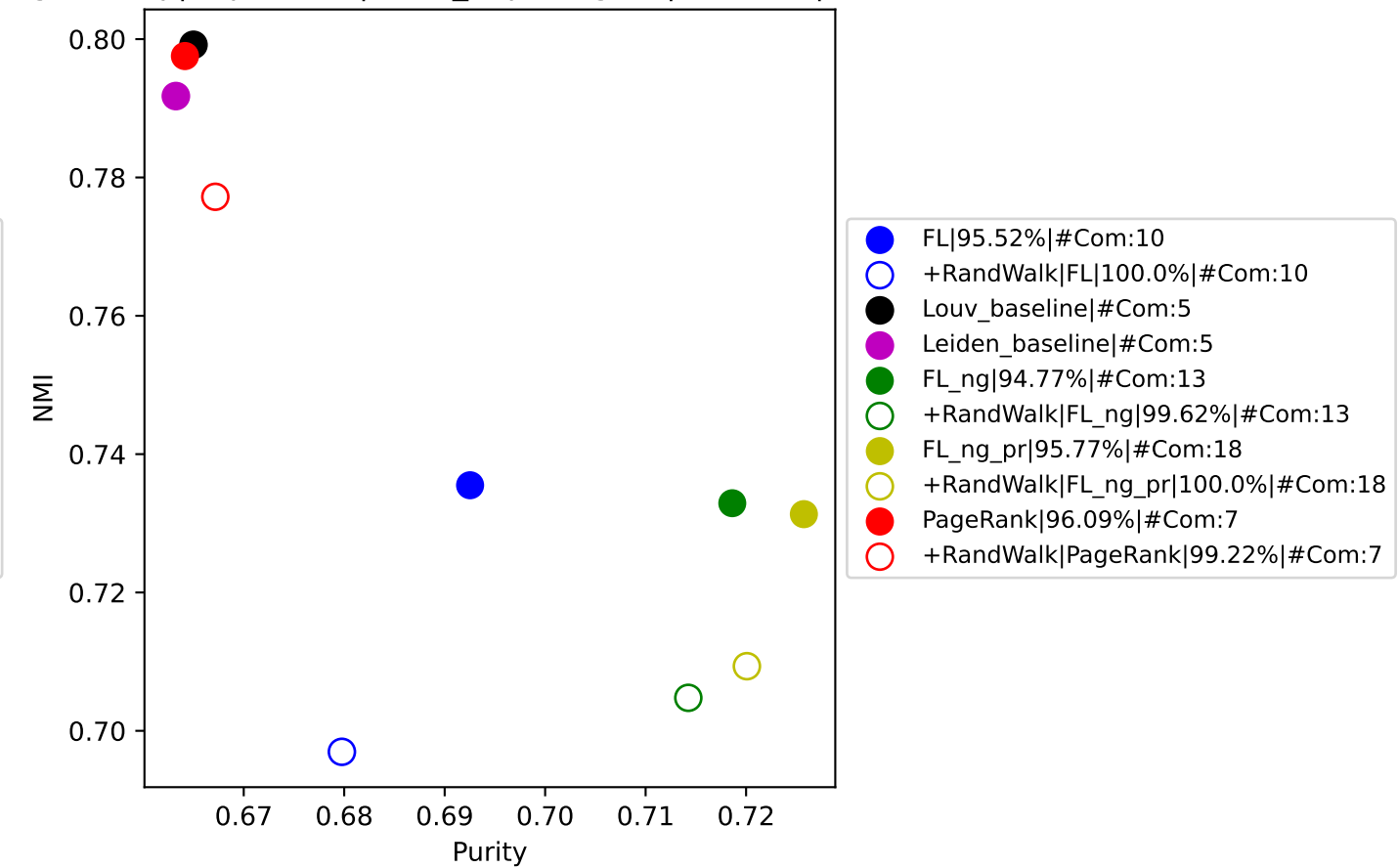
Middle-left panel: engmix8eq | top 20.0%| Num_hops: log(n) |res: 0.5|#OfComm: 8

Legend:
- FL|90.84%|#Com:11
- +RandWalk|FL|100.0%|#Com:11
- Louv_baseline|#Com:7
- Leiden_baseline|#Com:8
- FL_ng|94.77%|#Com:14
- +RandWalk|FL_ng|99.65%|#Com:14
- FL_ng_pr|95.72%|#Com:19
- +RandWalk|FL_ng_pr|100.0%|#Com:19
- PageRank|85.08%|#Com:10
- +RandWalk|PageRank|97.8%|#Com:10
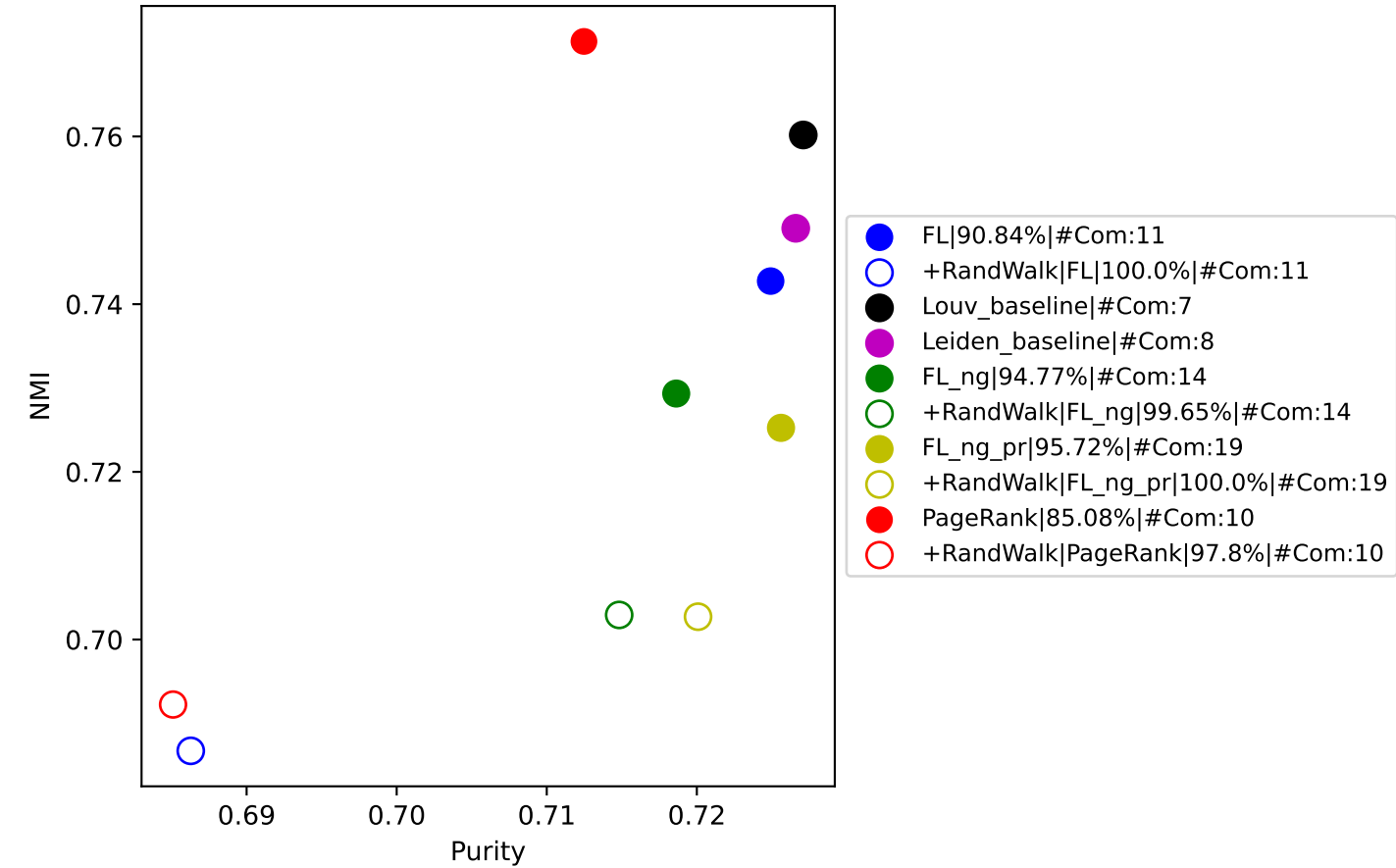
Middle-right panel: Zhengmix8eq | top 20.0%| Num_hops: log(n) |res: 1|#OfComm: 8

Legend:
- FL|87.88%|#Com:14
- +RandWalk|FL|100.0%|#Com:14
- Louv_baseline|#Com:12
- Leiden_baseline|#Com:12
- FL_ng|90.39%|#Com:18
- +RandWalk|FL_ng|99.67%|#Com:18
- FL_ng_pr|90.16%|#Com:24
- +RandWalk|FL_ng_pr|100.0%|#Com:24
- PageRank|80.17%|#Com:12
- +RandWalk|PageRank|97.9%|#Com:12

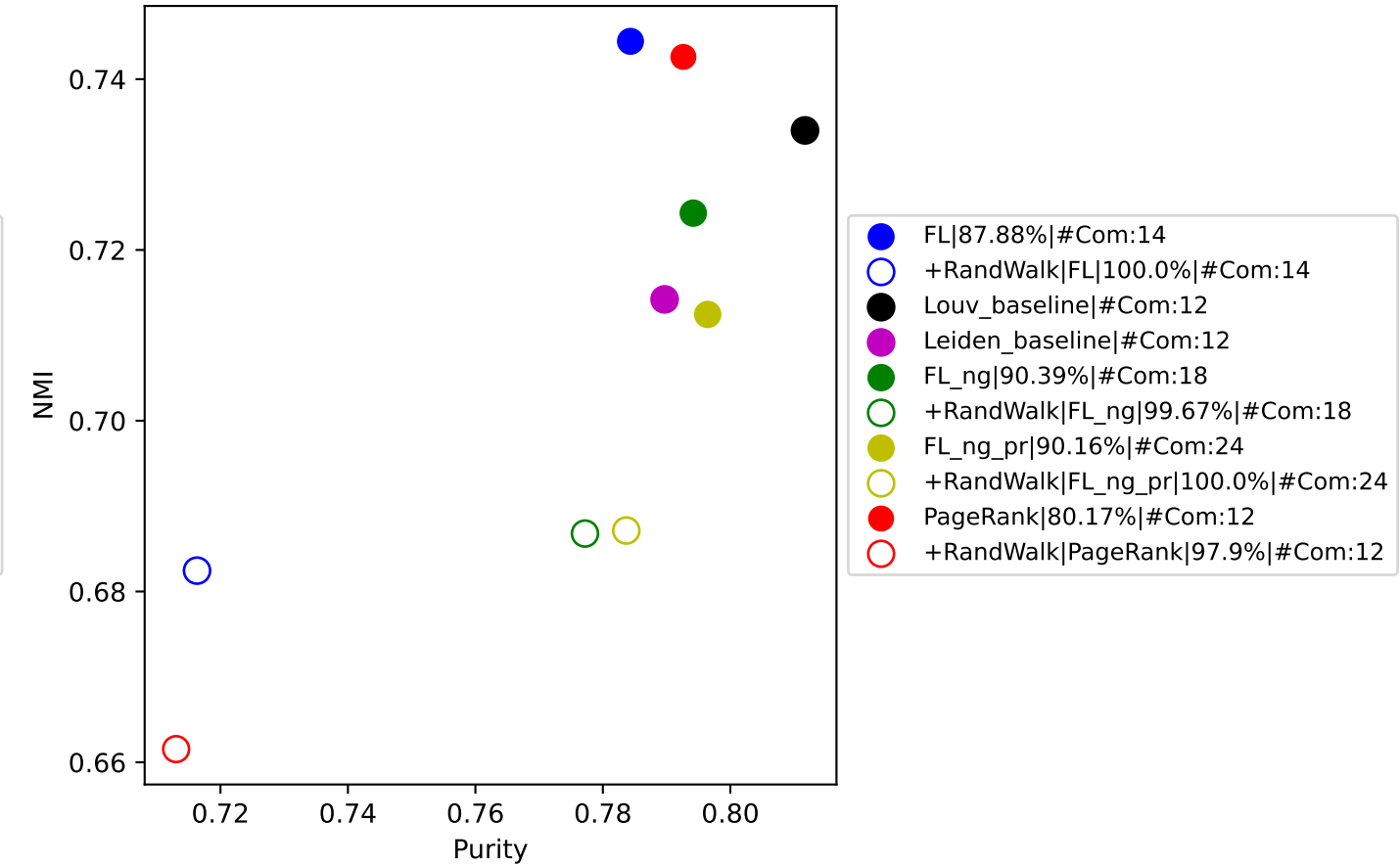**Bottom-left panel:** engmix8eq | top 20.0%| Num_hops: log(n) |res: 1.5|#OfComm: 8

Legend:
- FL|88.88%|#Com:17
- +RandWalk|FL|100.0%|#Com:17
- Louv_baseline|#Com:15
- Leiden_baseline|#Com:16
- FL_ng|89.38%|#Com:20
- +RandWalk|FL_ng|99.62%|#Com:20
- FL_ng_pr|89.36%|#Com:25
- +RandWalk|FL_ng_pr|100.0%|#Com:25
- PageRank|78.19%|#Com:13
- +RandWalk|PageRank|97.72%|#Com:13
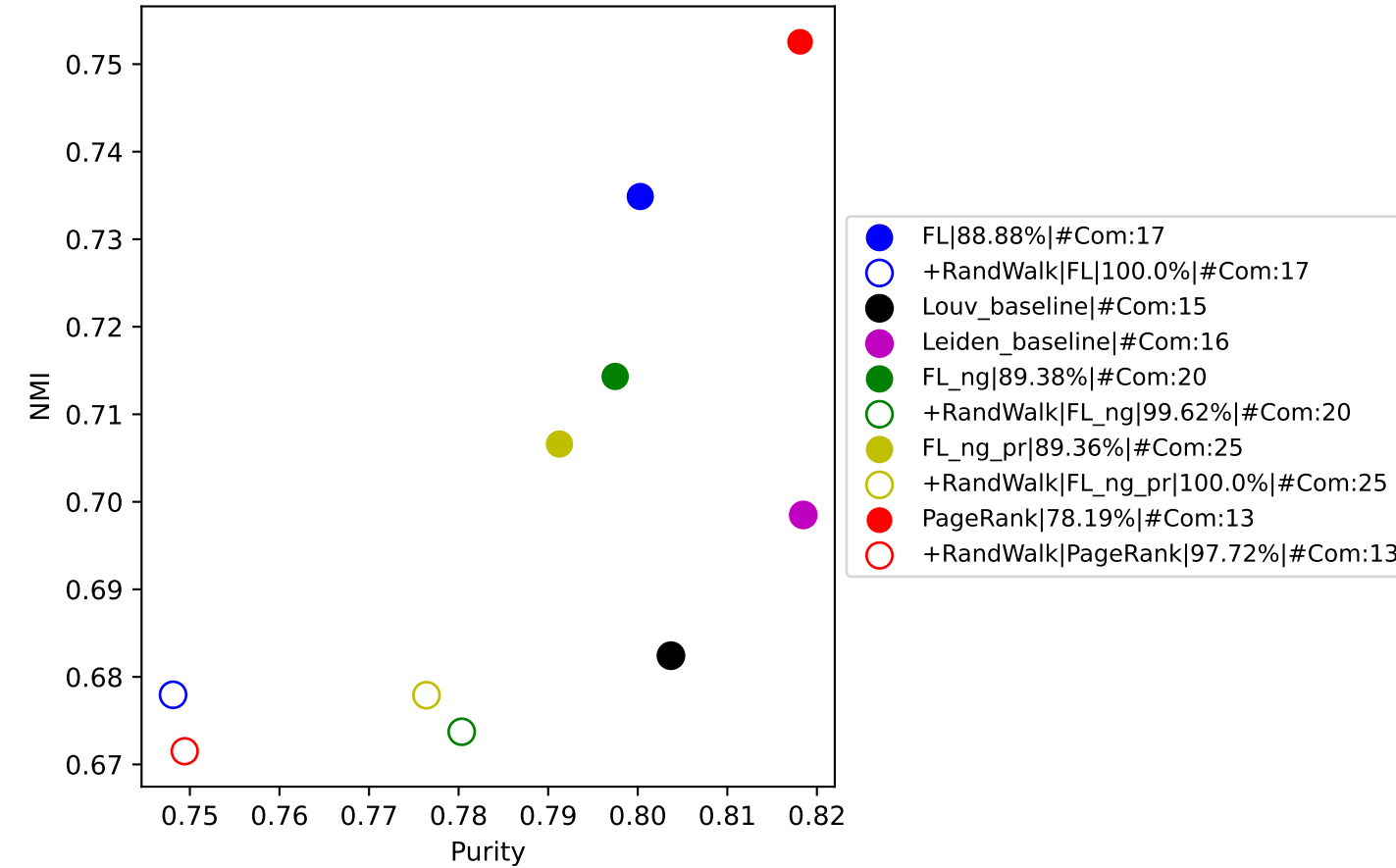
Bottom-right panel: Zhengmix8eq | top 20.0%| Num_hops: log(n) |res: 5|#OfComm: 8

Legend:
- FL|66.35%|#Com:29
- +RandWalk|FL|100.0%|#Com:29
- Louv_baseline|#Com:33
- Leiden_baseline|#Com:31
- FL_ng|72.01%|#Com:30
- +RandWalk|FL_ng|99.57%|#Com:30
- FL_ng_pr|73.61%|#Com:34
- +RandWalk|FL_ng_pr|99.97%|#Com:34
- PageRank|49.8%|#Com:31
- +RandWalk|PageRank|97.7%|#Com:31

Zhengmix8eq | top 20.0%| Num_hops: log(n)

Legend:
- FL|99.3%|#Com:8
- +RandWalk|FL|100.0%|#Com:8
- Louv_baseline|0.05
- Leiden_baseline|0.05
- FL_ng|98.65%|#Com:8
- +RandWalk|FL_ng|99.77%|#Com:8
- FL_ng_pr|99.8%|#Com:12
- +RandWalk|FL_ng_pr|100.0%|#Com:12
- PageRank|97.02%|#Com:6
- +RandWalk|PageRank|99.12%|#Com:6
- FL|95.52%|#Com:10
- +RandWalk|FL|100.0%|#Com:10
- Louv_baseline|0.25
- Leiden_baseline|0.25
- FL_ng|94.77%|#Com:13
- +RandWalk|FL_ng|99.62%|#Com:13
- FL_ng_pr|95.77%|#Com:18
- +RandWalk|FL_ng_pr|100.0%|#Com:18
- PageRank|96.09%|#Com:7
- +RandWalk|PageRank|99.22%|#Com:7
- FL|90.84%|#Com:11
- +RandWalk|FL|100.0%|#Com:11
- Louv_baseline|0.5
- Leiden_baseline|0.5
- FL_ng|94.77%|#Com:14
- +RandWalk|FL_ng|99.65%|#Com:14
- FL_ng_pr|95.72%|#Com:19
- +RandWalk|FL_ng_pr|100.0%|#Com:19
- PageRank|85.08%|#Com:10
- +RandWalk|PageRank|97.8%|#Com:10
- FL|87.88%|#Com:14
- +RandWalk|FL|100.0%|#Com:14
- Louv_baseline|1
- Leiden_baseline|1
- FL_ng|90.39%|#Com:18
- +RandWalk|FL_ng|99.67%|#Com:18
- FL_ng_pr|90.16%|#Com:24
- +RandWalk|FL_ng_pr|100.0%|#Com:24
- PageRank|80.17%|#Com:12
- +RandWalk|PageRank|97.9%|#Com:12
- FL|88.88%|#Com:17
- +RandWalk|FL|100.0%|#Com:17
- Louv_baseline|1.5
- Leiden_baseline|1.5
- FL_ng|89.38%|#Com:20
- +RandWalk|FL_ng|99.62%|#Com:20
- FL_ng_pr|89.36%|#Com:25
- +RandWalk|FL_ng_pr|100.0%|#Com:25
- PageRank|78.19%|#Com:13
- +RandWalk|PageRank|97.72%|#Com:13
- FL|66.35%|#Com:29
- +RandWalk|FL|100.0%|#Com:29
- Louv_baseline|5
- Leiden_baseline|5
- FL_ng|72.01%|#Com:30
- +RandWalk|FL_ng|99.57%|#Com:30
- FL_ng_pr|73.61%|#Com:34
- +RandWalk|FL_ng_pr|99.97%|#Com:34
- PageRank|49.8%|#Com:31
- +RandWalk|PageRank|97.7%|#Com:31