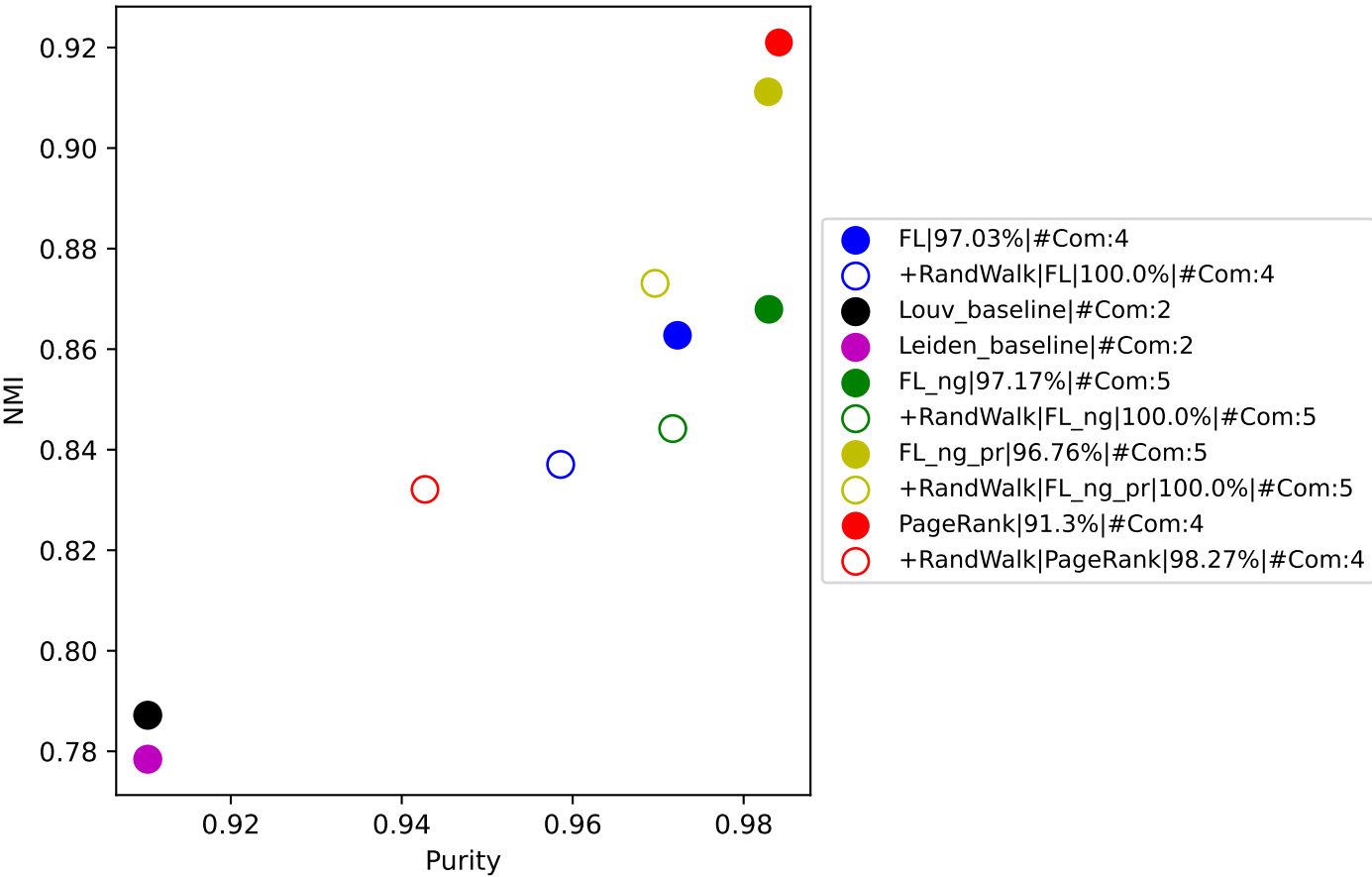
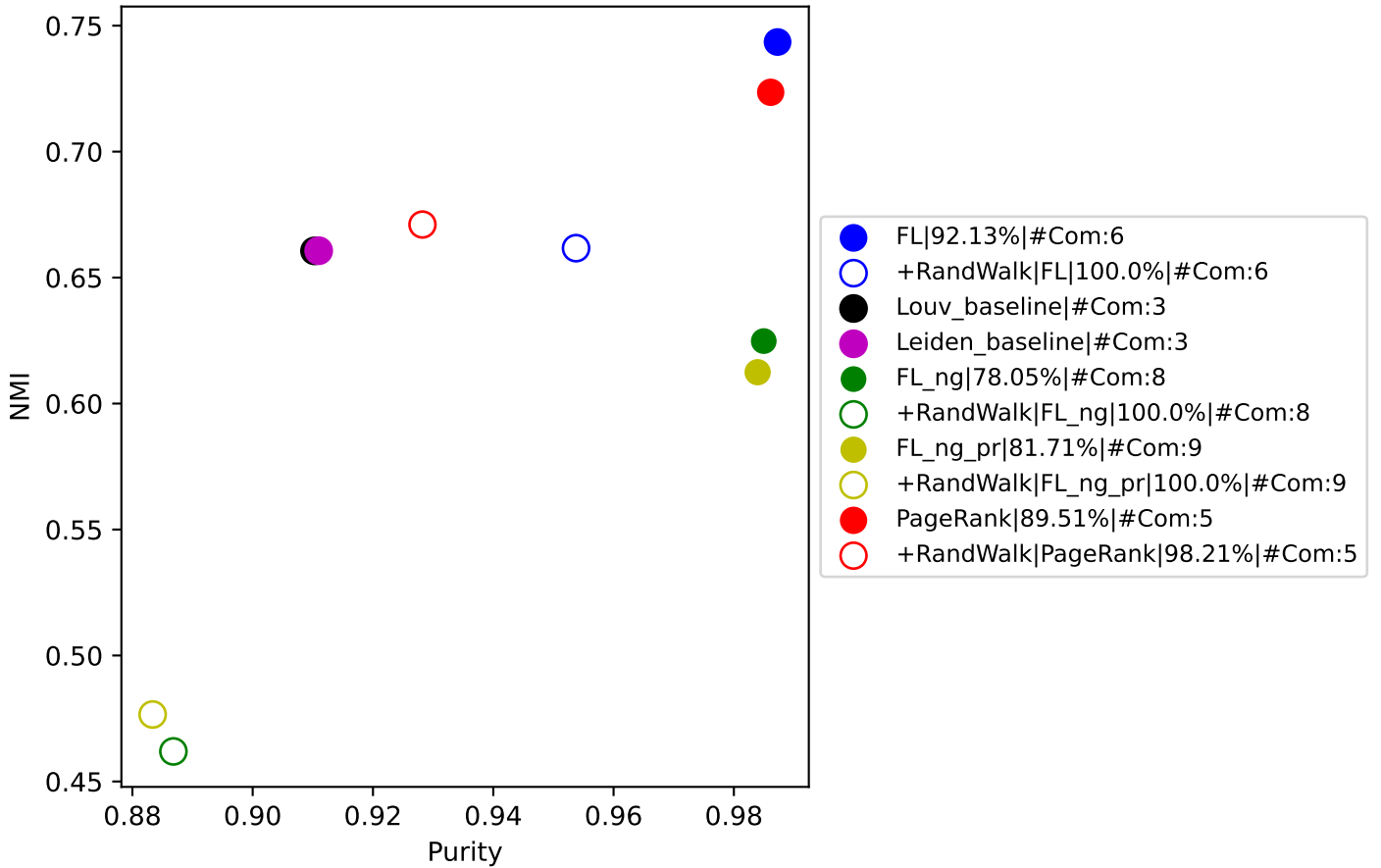


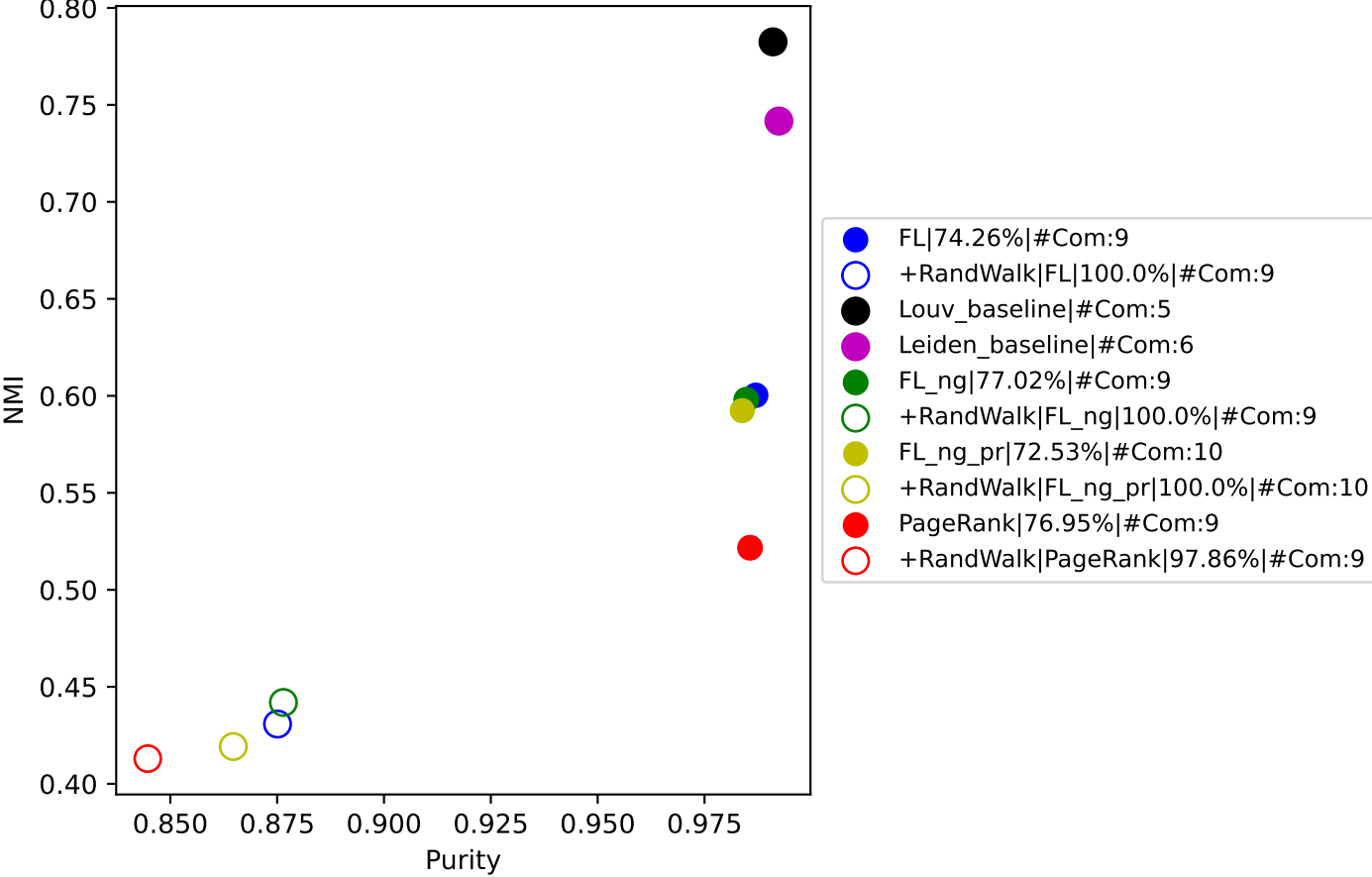
Xin | top 20.0%| Num\_hops: log(n) |res: 0.05|#OfComm: 4



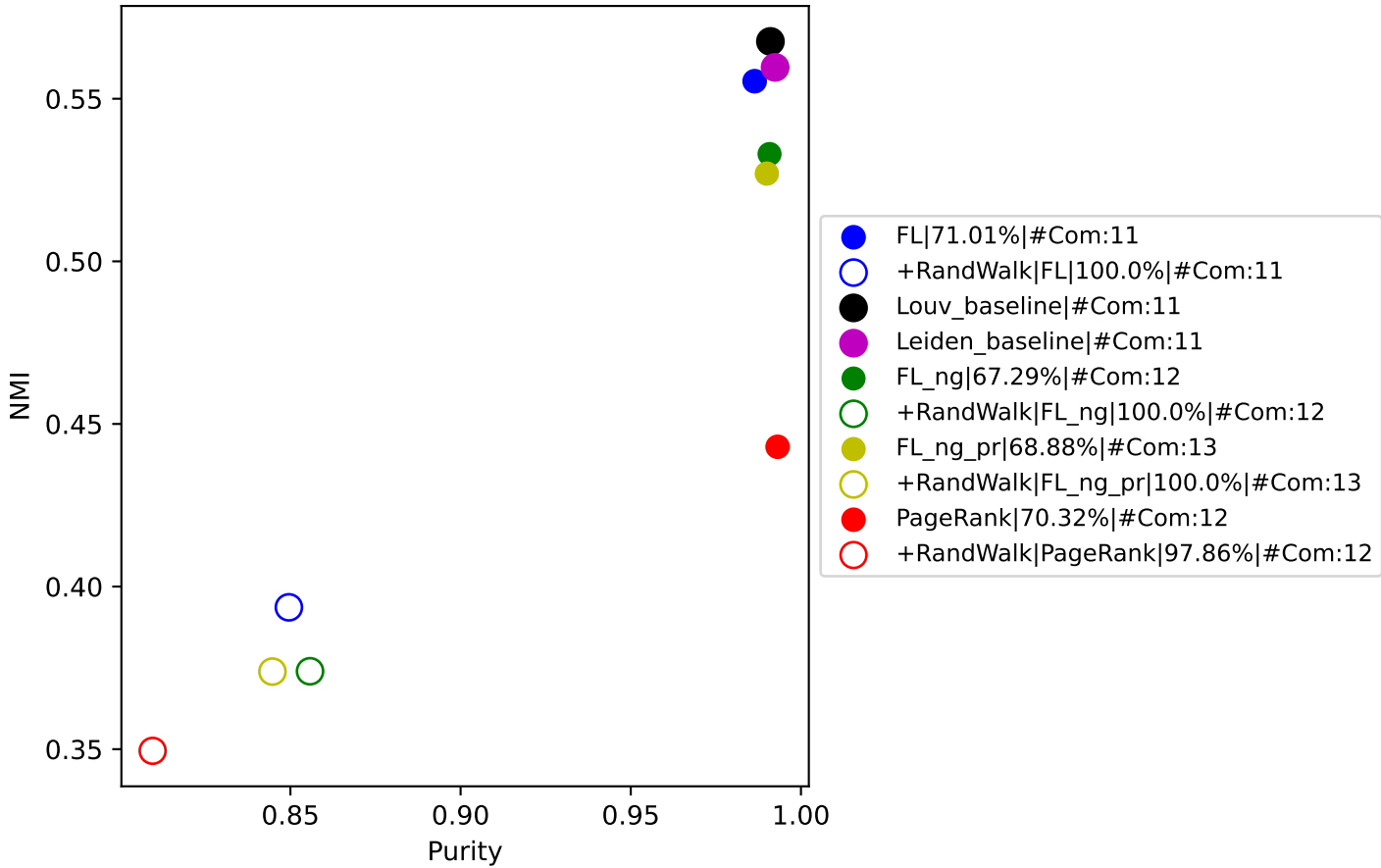
Xin | top 20.0%| Num\_hops: log(n) |res: 0.25|#OfComm: 4



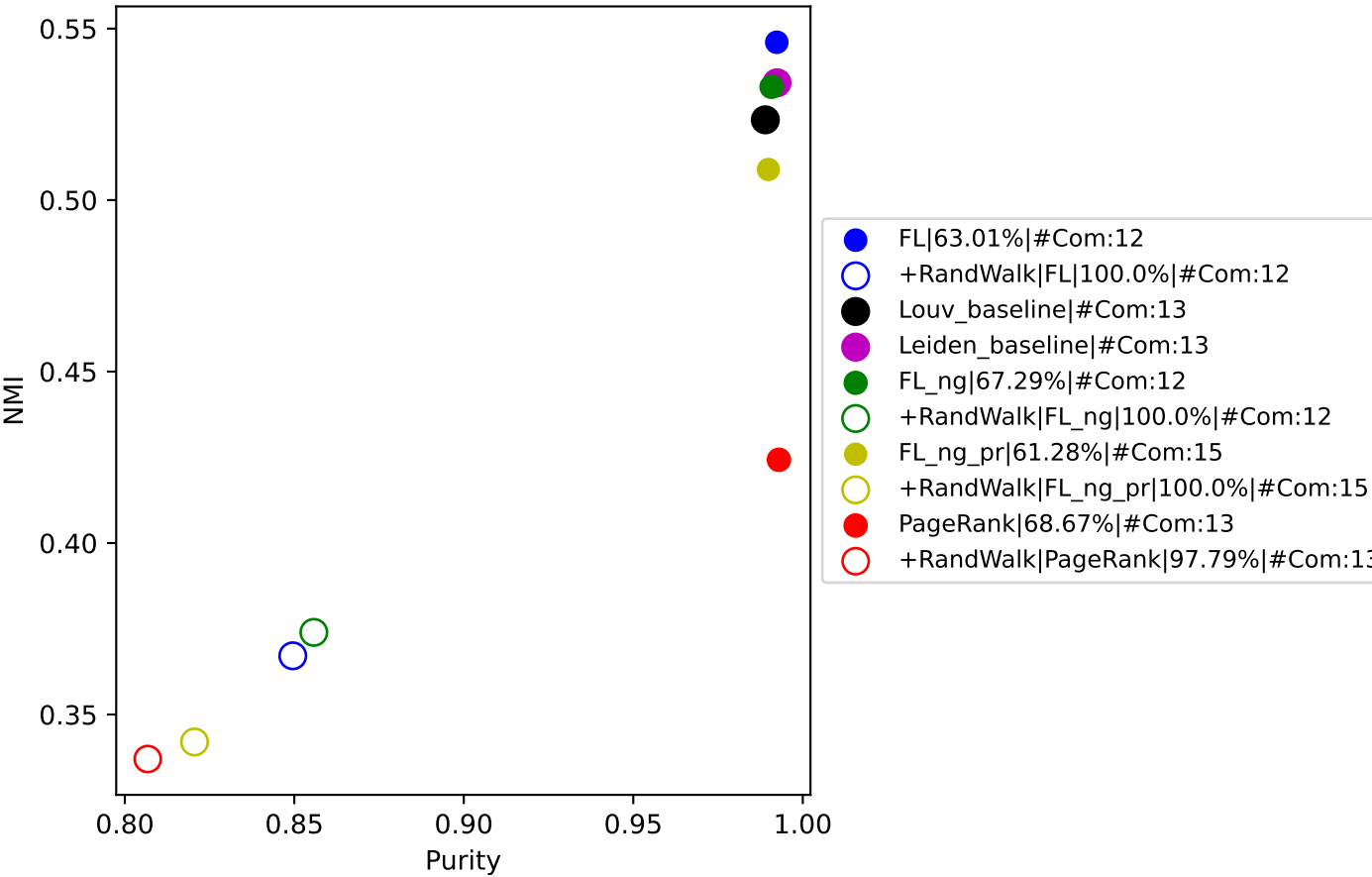
Xin | top 20.0%| Num\_hops: log(n) |res: 0.5|#OfComm: 4



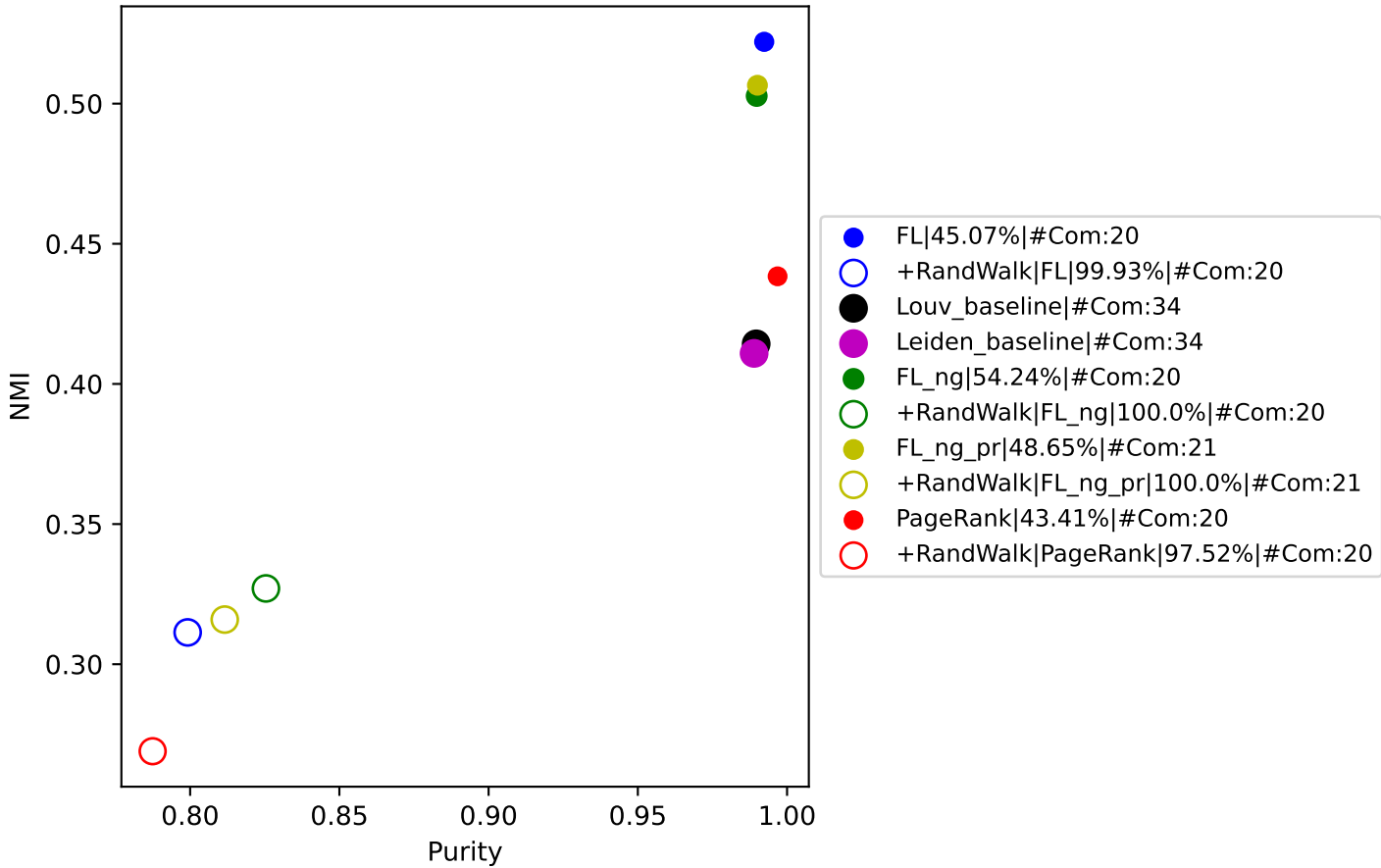
Xin | top 20.0%| Num\_hops: log(n) |res: 1|#OfComm: 4



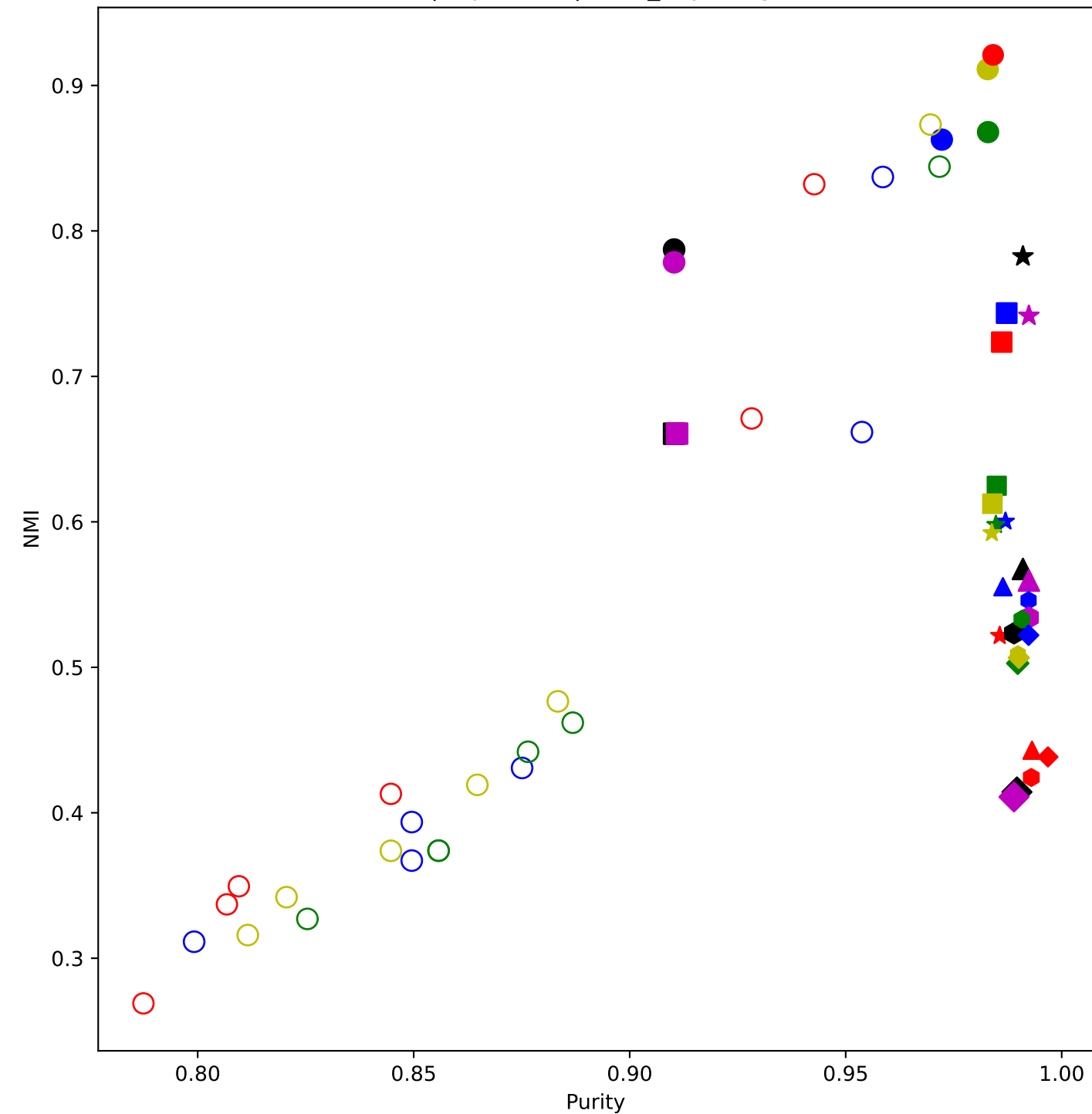
Xin | top 20.0%| Num\_hops: log(n) |res: 1.5|#OfComm: 4



Xin | top 20.0%| Num\_hops: log(n) |res: 5|#OfComm: 4



Xin | top 20.0%| Num\_hops: log(n)



- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| ● FL 97.03% #Com:4                  | ▲ FL 71.01% #Com:11                 |
| ○ +RandWalk FL 100.0% #Com:4        | ○ +RandWalk FL 100.0% #Com:11       |
| ● Louv_baseline 0.05                | ▲ Louv_baseline 1                   |
| ● Leiden_baseline 0.05              | ▲ Leiden_baseline 1                 |
| ● FL_ng 97.17% #Com:5               | ▲ FL_ng 67.29% #Com:12              |
| ○ +RandWalk FL_ng 100.0% #Com:5     | ○ +RandWalk FL_ng 100.0% #Com:12    |
| ● FL_ng_pr 96.76% #Com:5            | ▲ FL_ng_pr 68.88% #Com:13           |
| ○ +RandWalk FL_ng_pr 100.0% #Com:5  | ○ +RandWalk FL_ng_pr 100.0% #Com:13 |
| ● PageRank 91.3% #Com:4             | ▲ PageRank 70.32% #Com:12           |
| ○ +RandWalk PageRank 98.27% #Com:4  | ○ +RandWalk PageRank 97.86% #Com:12 |
| ■ FL 92.13% #Com:6                  | ● FL 63.01% #Com:12                 |
| ○ +RandWalk FL 100.0% #Com:6        | ○ +RandWalk FL 100.0% #Com:12       |
| ■ Louv_baseline 0.25                | ● Louv_baseline 1.5                 |
| ■ Leiden_baseline 0.25              | ● Leiden_baseline 1.5               |
| ■ FL_ng 78.05% #Com:8               | ● FL_ng 67.29% #Com:12              |
| ○ +RandWalk FL_ng 100.0% #Com:8     | ○ +RandWalk FL_ng 100.0% #Com:12    |
| ■ FL_ng_pr 81.71% #Com:9            | ● FL_ng_pr 61.28% #Com:15           |
| ○ +RandWalk FL_ng_pr 100.0% #Com:9  | ○ +RandWalk FL_ng_pr 100.0% #Com:15 |
| ■ PageRank 89.51% #Com:5            | ● PageRank 68.67% #Com:13           |
| ○ +RandWalk PageRank 98.21% #Com:5  | ○ +RandWalk PageRank 97.79% #Com:13 |
| ★ FL 74.26% #Com:9                  | ◆ FL 45.07% #Com:20                 |
| ○ +RandWalk FL 100.0% #Com:9        | ○ +RandWalk FL 99.93% #Com:20       |
| ★ Louv_baseline 0.5                 | ◆ Louv_baseline 5                   |
| ★ Leiden_baseline 0.5               | ◆ Leiden_baseline 5                 |
| ★ FL_ng 77.02% #Com:9               | ◆ FL_ng 54.24% #Com:20              |
| ○ +RandWalk FL_ng 100.0% #Com:9     | ○ +RandWalk FL_ng 100.0% #Com:20    |
| ★ FL_ng_pr 72.53% #Com:10           | ◆ FL_ng_pr 48.65% #Com:21           |
| ○ +RandWalk FL_ng_pr 100.0% #Com:10 | ○ +RandWalk FL_ng_pr 100.0% #Com:21 |
| ★ PageRank 76.95% #Com:9            | ◆ PageRank 43.41% #Com:20           |
| ○ +RandWalk PageRank 97.86% #Com:9  | ○ +RandWalk PageRank 97.52% #Com:20 |