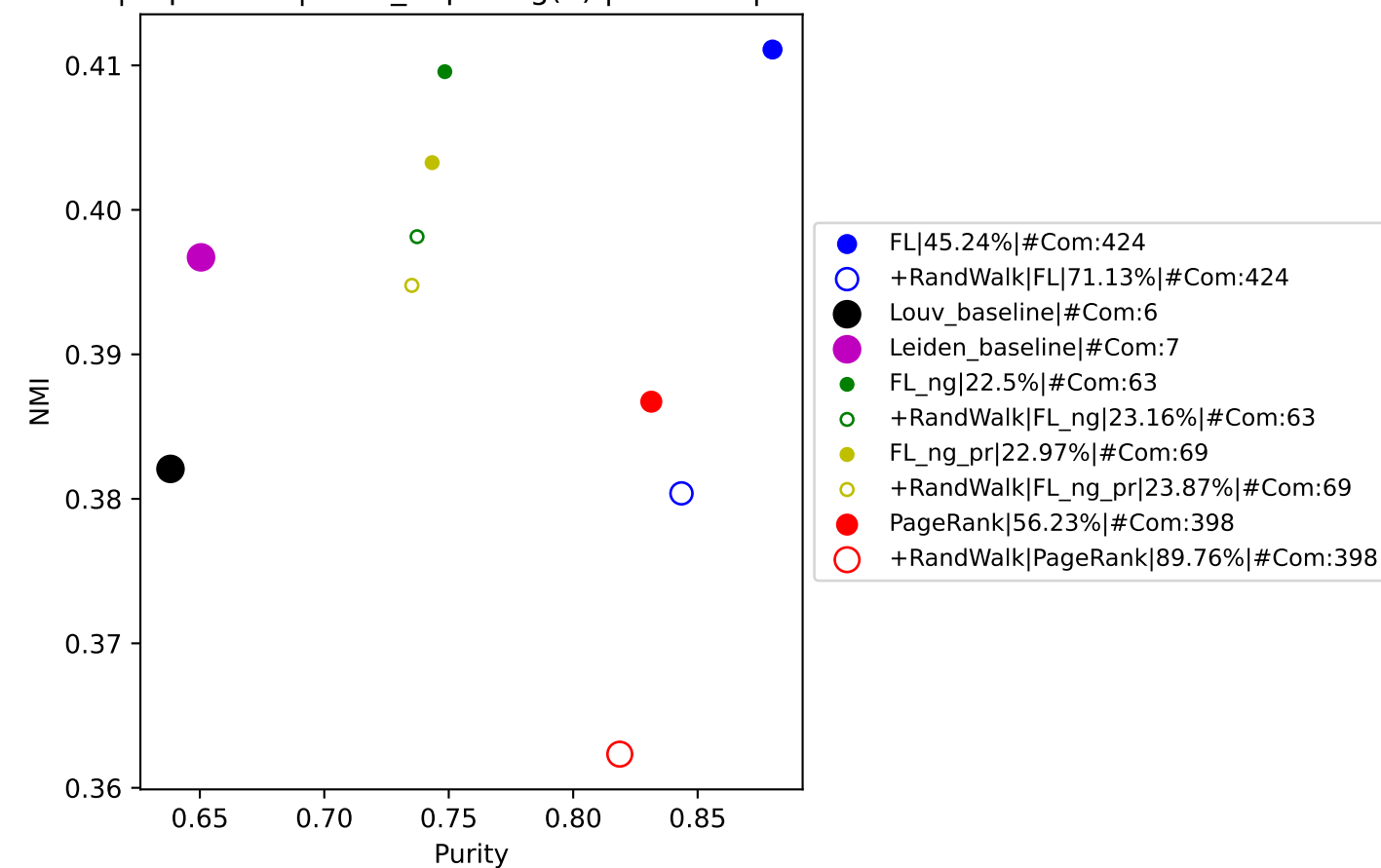
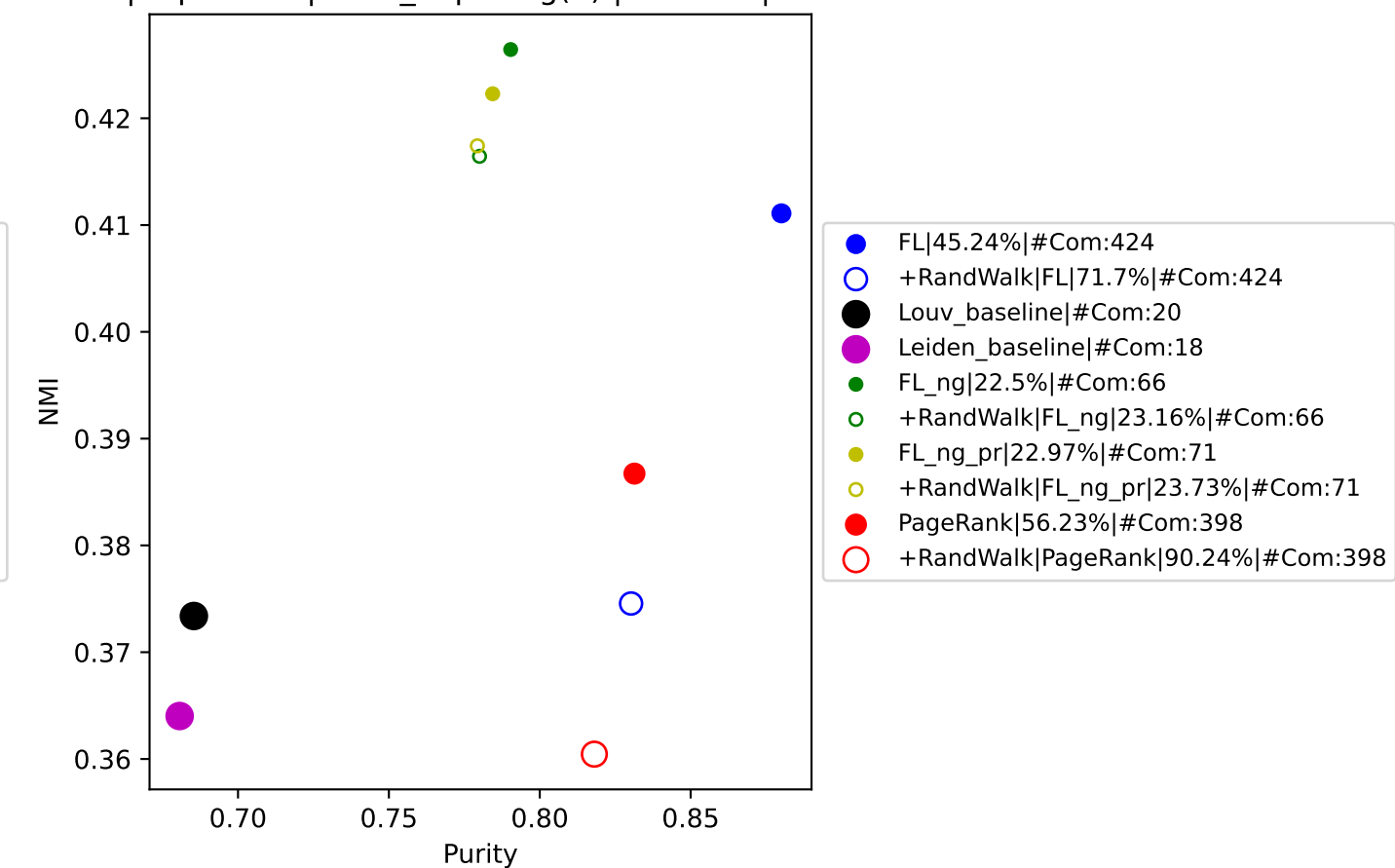


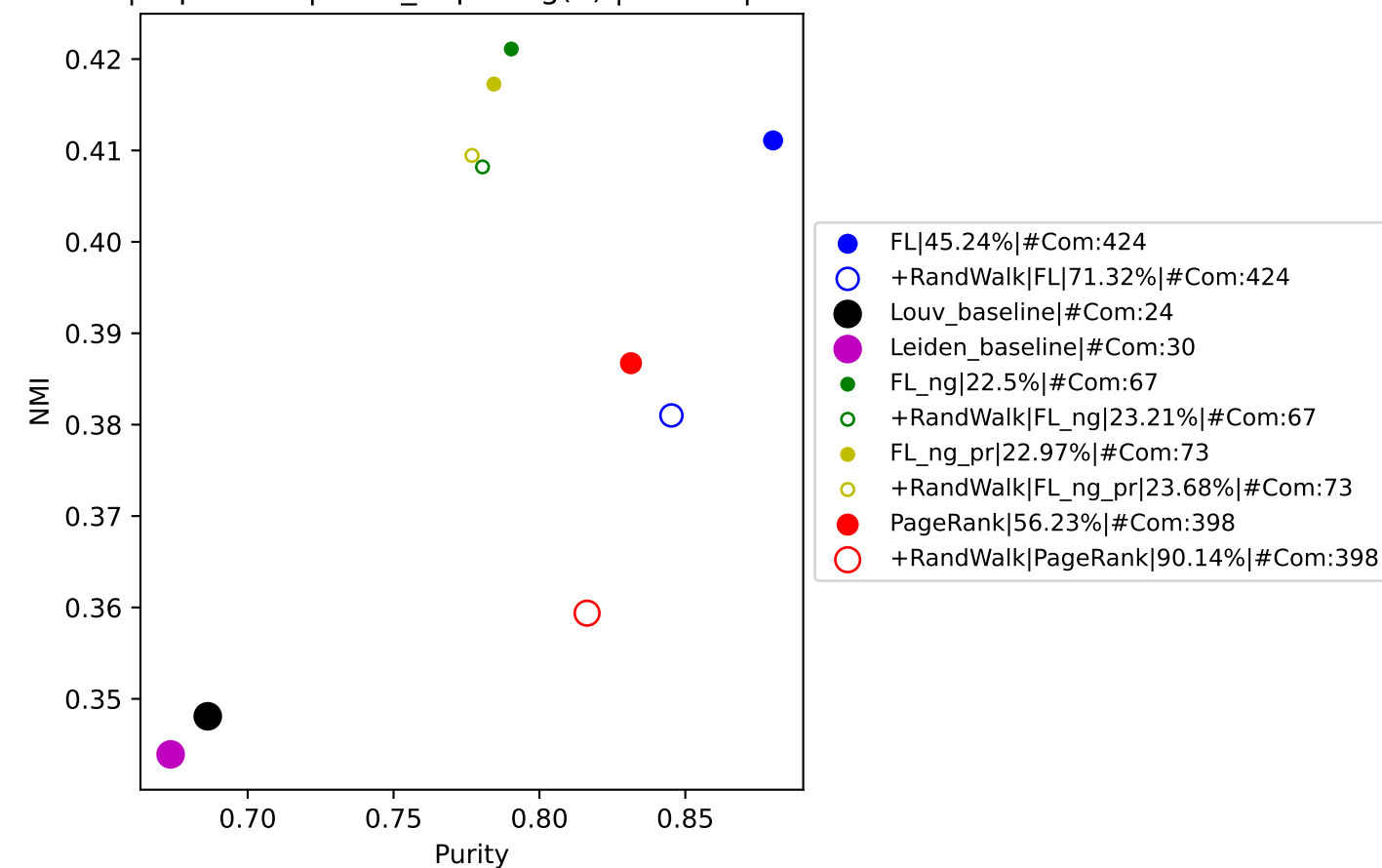
Citeseer | top 20.0%| Num\_hops: log(n) |res: 0.05|#OfComm: 7



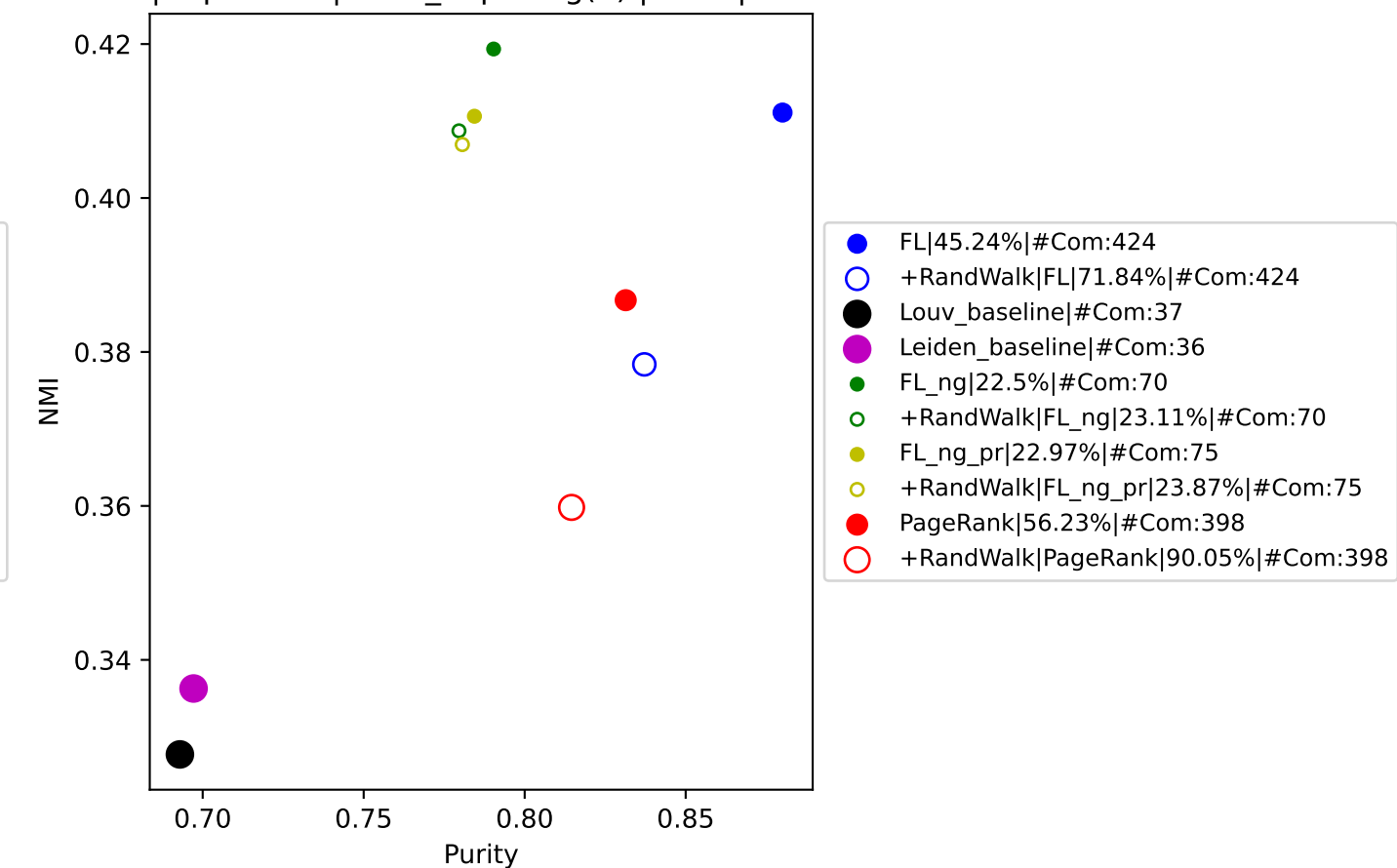
Citeseer | top 20.0%| Num\_hops: log(n) |res: 0.25|#OfComm: 7



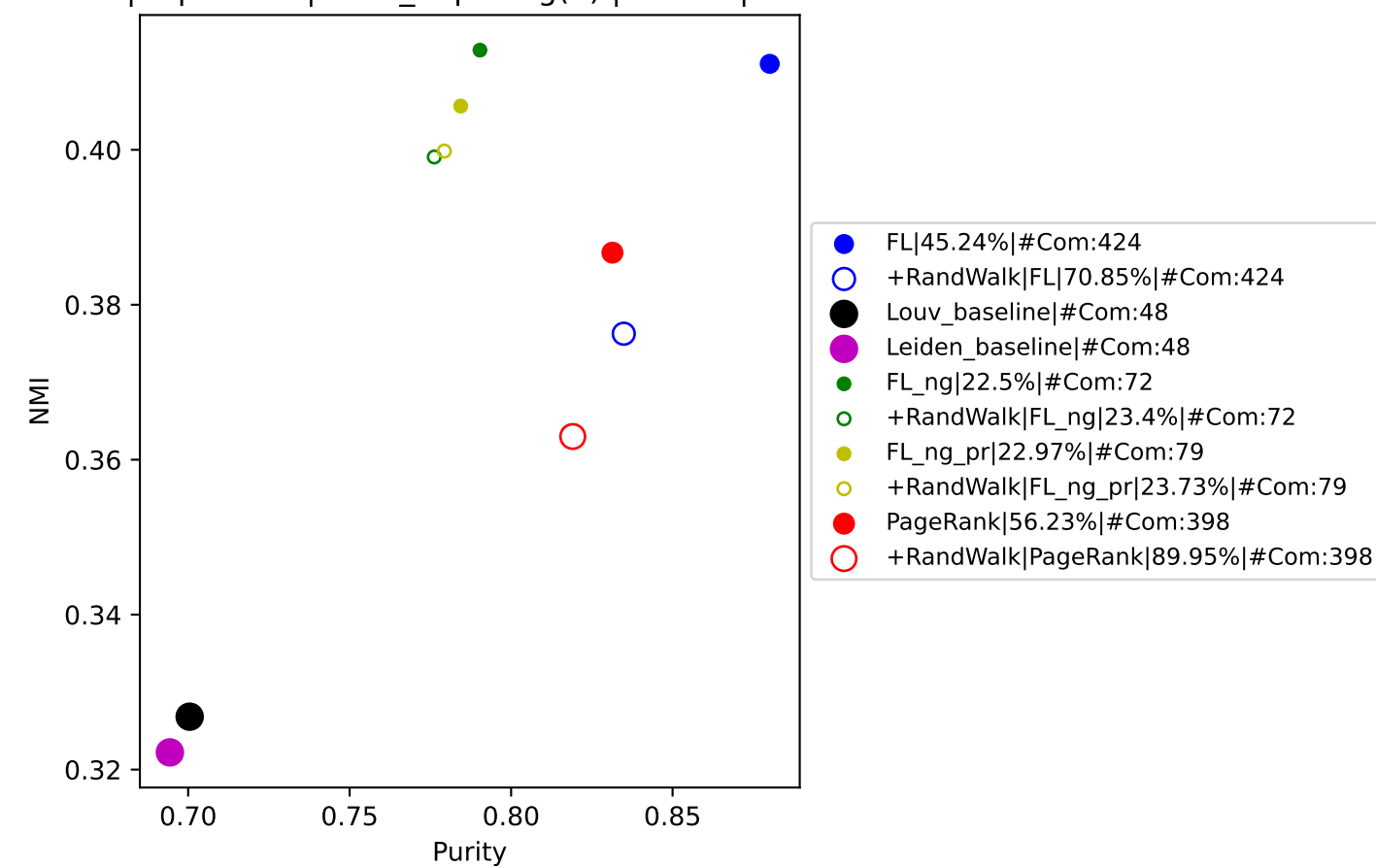
Citeseer | top 20.0%| Num\_hops: log(n) |res: 0.5|#OfComm: 7



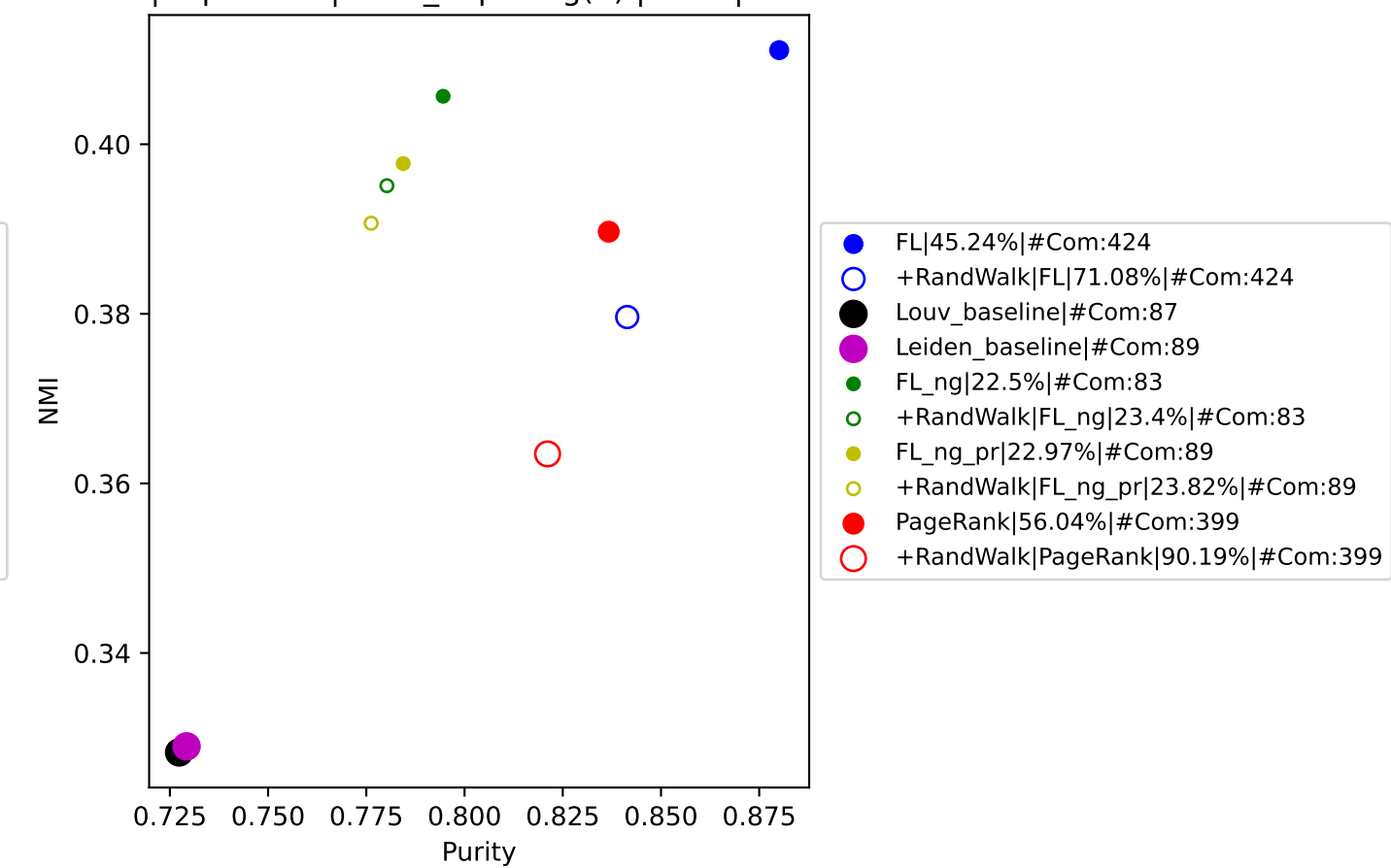
Citeseer | top 20.0%| Num\_hops: log(n) |res: 1|#OfComm: 7



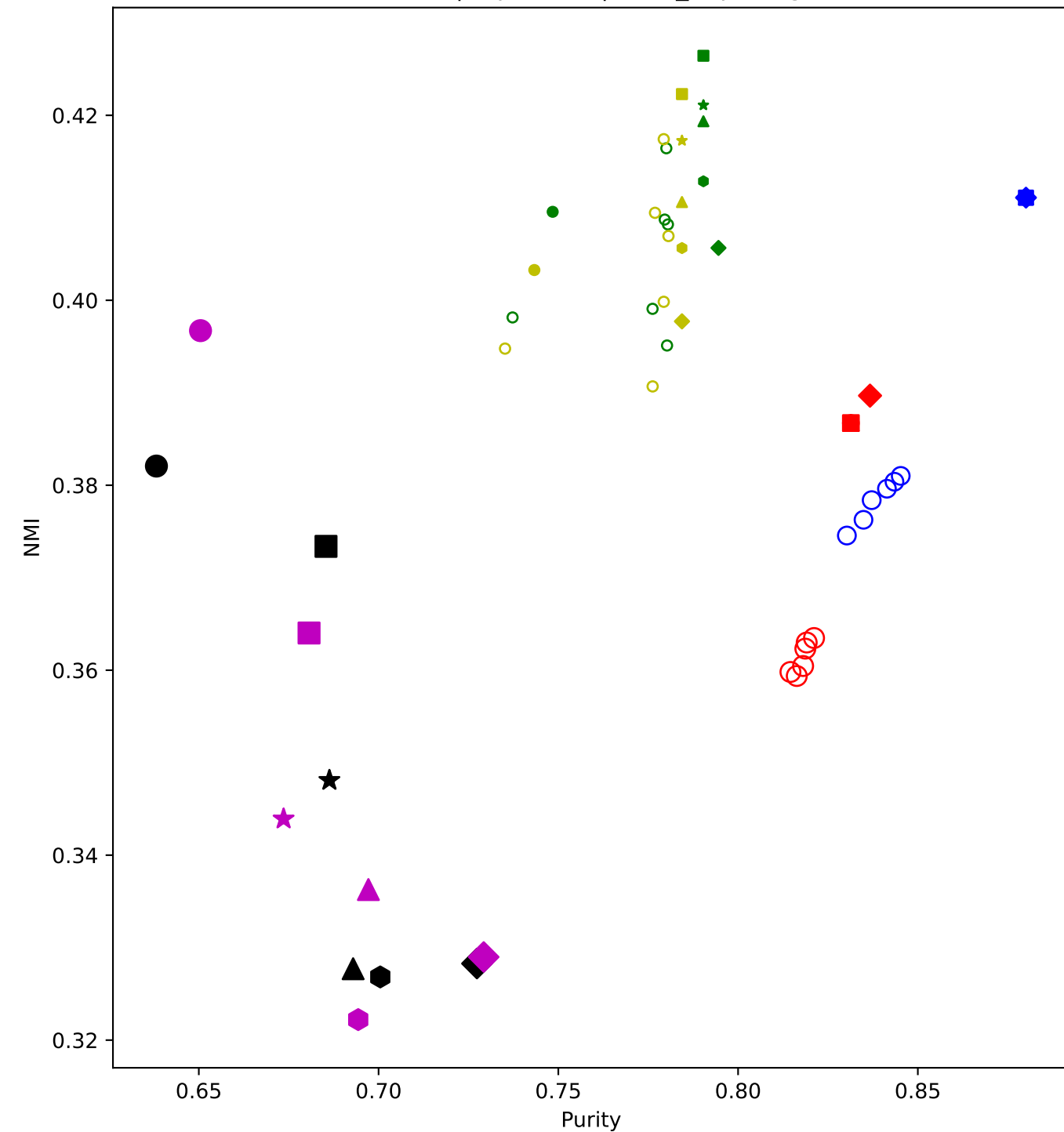
Citeseer | top 20.0%| Num\_hops: log(n) |res: 1.5|#OfComm: 7



Citeseer | top 20.0%| Num\_hops: log(n) |res: 5|#OfComm: 7



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



- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| ● FL 45.24% #Com:424                 | ▲ FL 45.24% #Com:424                 |
| ○ +RandWalk FL 71.13% #Com:424       | ○ +RandWalk FL 71.84% #Com:424       |
| ● Louv_baseline 0.05                 | ▲ Louv_baseline 1                    |
| ● Leiden_baseline 0.05               | ▲ Leiden_baseline 1                  |
| ● FL_ng 22.5% #Com:63                | ▲ FL_ng 22.5% #Com:70                |
| ○ +RandWalk FL_ng 23.16% #Com:63     | ○ +RandWalk FL_ng 23.11% #Com:70     |
| ● FL_ng_pr 22.97% #Com:69            | ▲ FL_ng_pr 22.97% #Com:75            |
| ○ +RandWalk FL_ng_pr 23.87% #Com:69  | ○ +RandWalk FL_ng_pr 23.87% #Com:75  |
| ● PageRank 56.23% #Com:398           | ▲ PageRank 56.23% #Com:398           |
| ○ +RandWalk PageRank 89.76% #Com:398 | ○ +RandWalk PageRank 90.05% #Com:398 |
| ■ FL 45.24% #Com:424                 | ● FL 45.24% #Com:424                 |
| ○ +RandWalk FL 71.7% #Com:424        | ○ +RandWalk FL 70.85% #Com:424       |
| ■ Louv_baseline 0.25                 | ● Louv_baseline 1.5                  |
| ■ Leiden_baseline 0.25               | ● Leiden_baseline 1.5                |
| ■ FL_ng 22.5% #Com:66                | ● FL_ng 22.5% #Com:72                |
| ○ +RandWalk FL_ng 23.16% #Com:66     | ○ +RandWalk FL_ng 23.4% #Com:72      |
| ■ FL_ng_pr 22.97% #Com:71            | ● FL_ng_pr 22.97% #Com:79            |
| ○ +RandWalk FL_ng_pr 23.73% #Com:71  | ○ +RandWalk FL_ng_pr 23.73% #Com:79  |
| ■ PageRank 56.23% #Com:398           | ● PageRank 56.23% #Com:398           |
| ○ +RandWalk PageRank 90.24% #Com:398 | ○ +RandWalk PageRank 89.95% #Com:398 |
| ★ FL 45.24% #Com:424                 | ◆ FL 45.24% #Com:424                 |
| ○ +RandWalk FL 71.32% #Com:424       | ○ +RandWalk FL 71.08% #Com:424       |
| ★ Louv_baseline 0.5                  | ◆ Louv_baseline 5                    |
| ★ Leiden_baseline 0.5                | ◆ Leiden_baseline 5                  |
| ★ FL_ng 22.5% #Com:67                | ◆ FL_ng 22.5% #Com:83                |
| ○ +RandWalk FL_ng 23.21% #Com:67     | ○ +RandWalk FL_ng 23.4% #Com:83      |
| ★ FL_ng_pr 22.97% #Com:73            | ◆ FL_ng_pr 22.97% #Com:89            |
| ○ +RandWalk FL_ng_pr 23.68% #Com:73  | ○ +RandWalk FL_ng_pr 23.82% #Com:89  |
| ★ PageRank 56.23% #Com:398           | ◆ PageRank 56.04% #Com:399           |
| ○ +RandWalk PageRank 90.14% #Com:398 | ○ +RandWalk PageRank 90.19% #Com:399 |