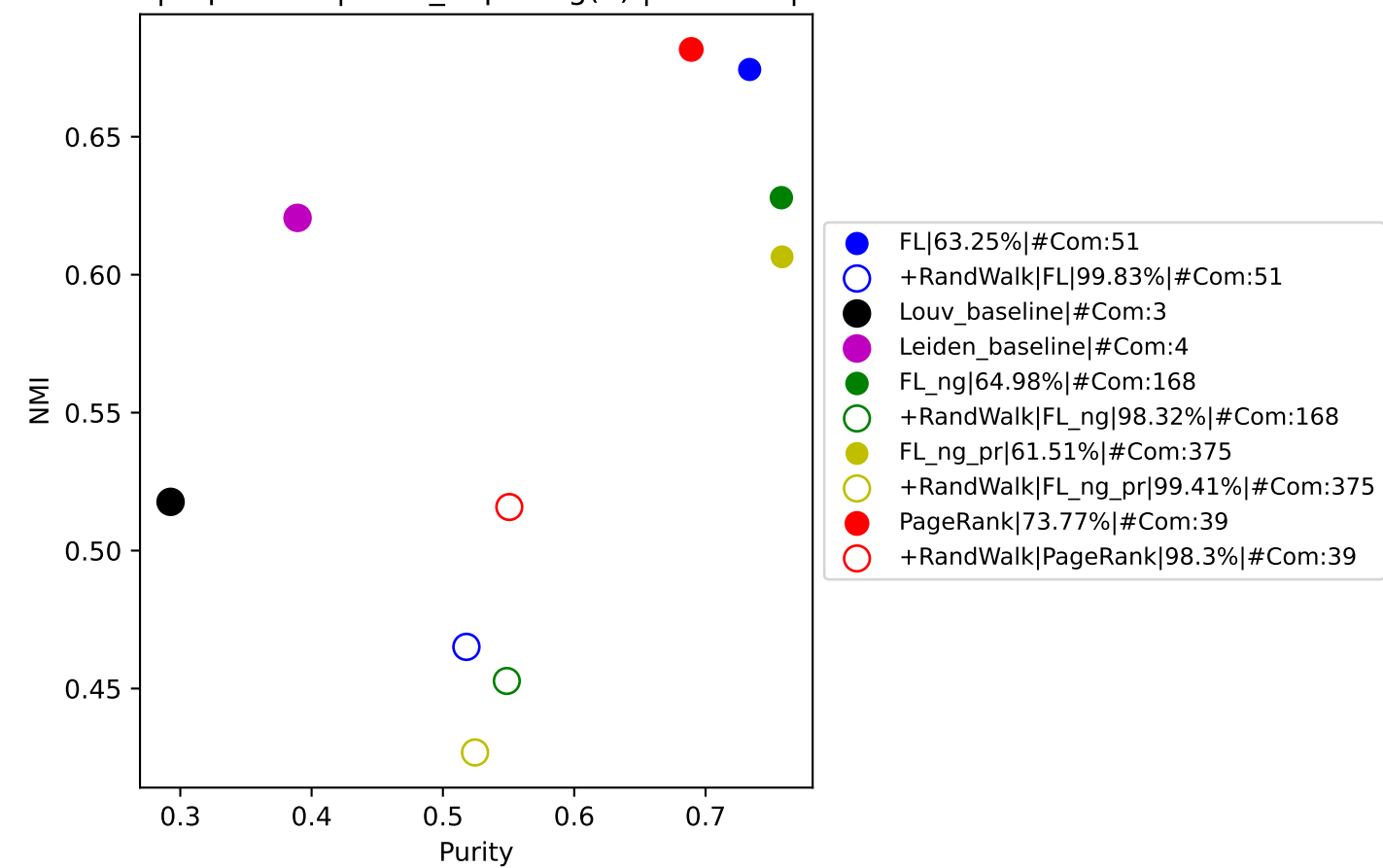
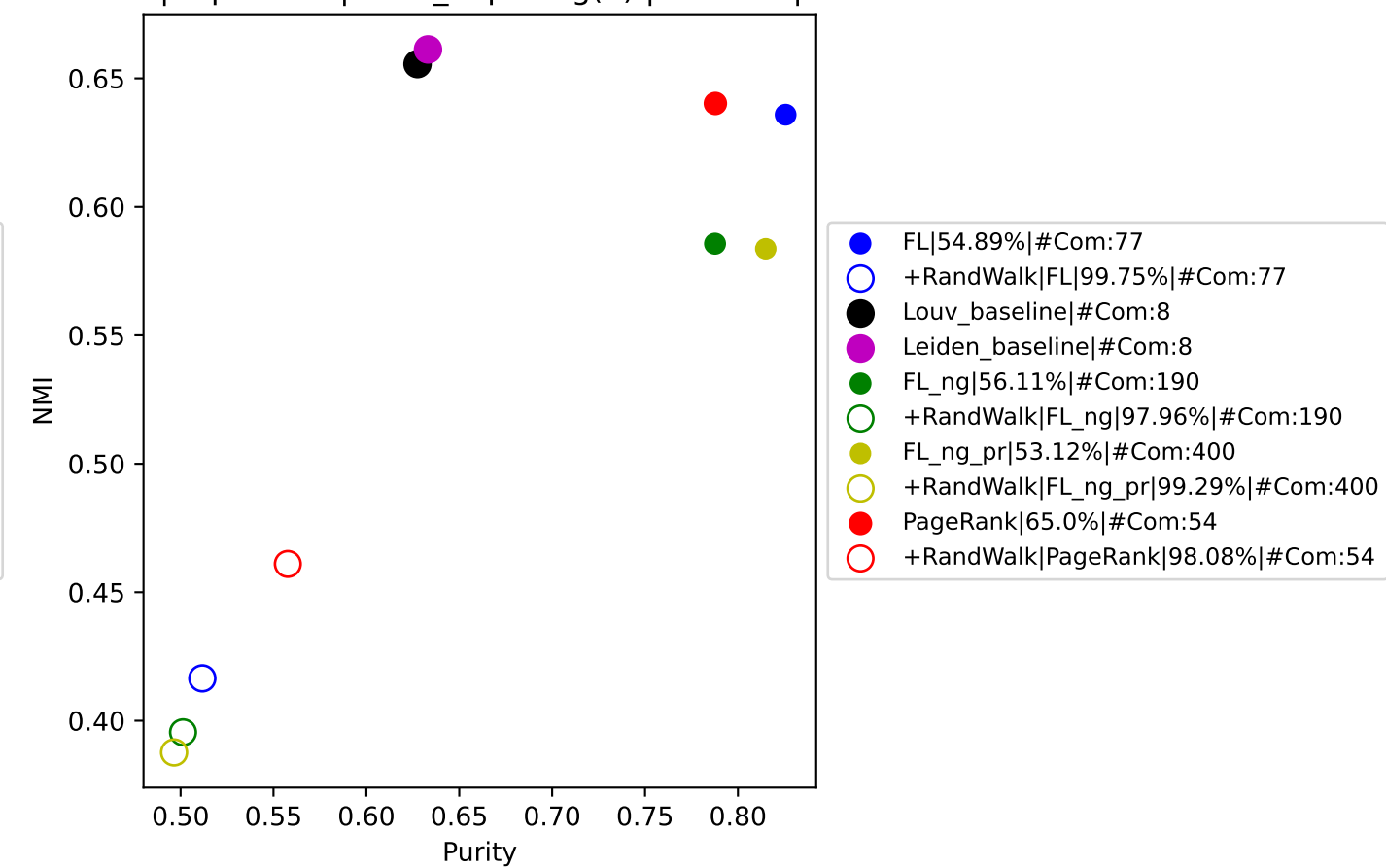


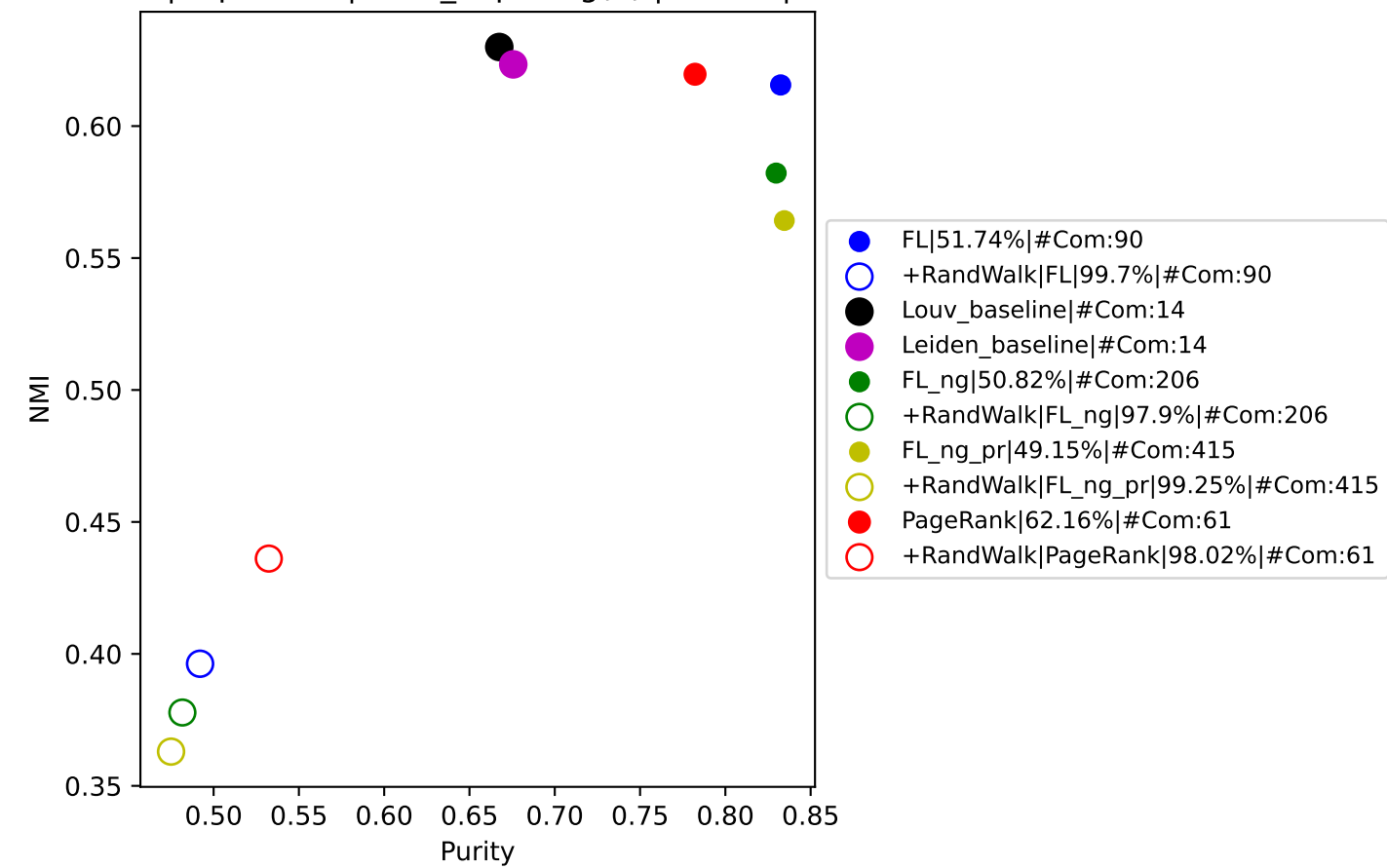
ionMNIST | top 20.0%| Num_hops: log(n) |res: 0.05|#OfComm: 10



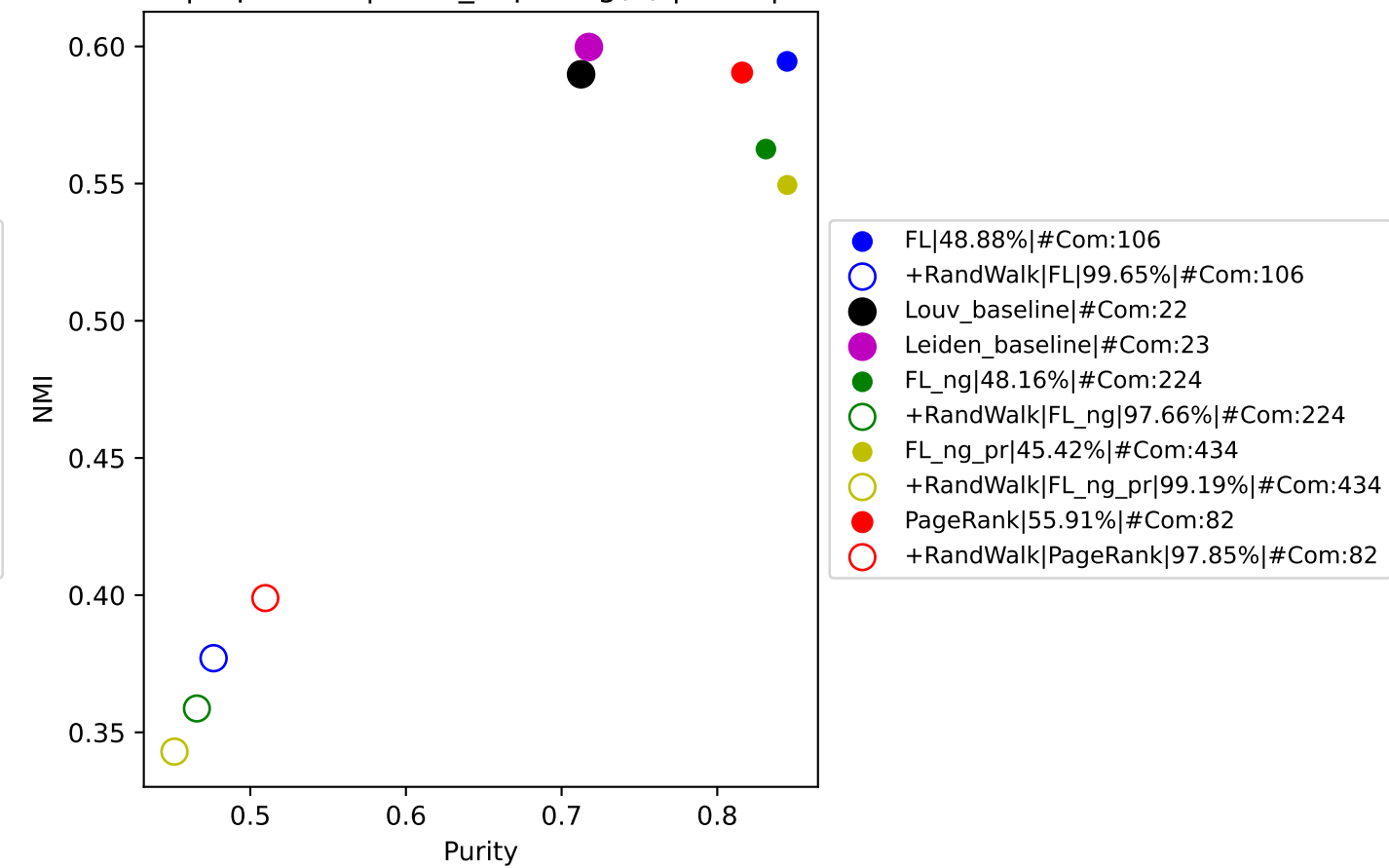
FashionMNIST | top 20.0%| Num_hops: log(n) |res: 0.25|#OfComm: 10



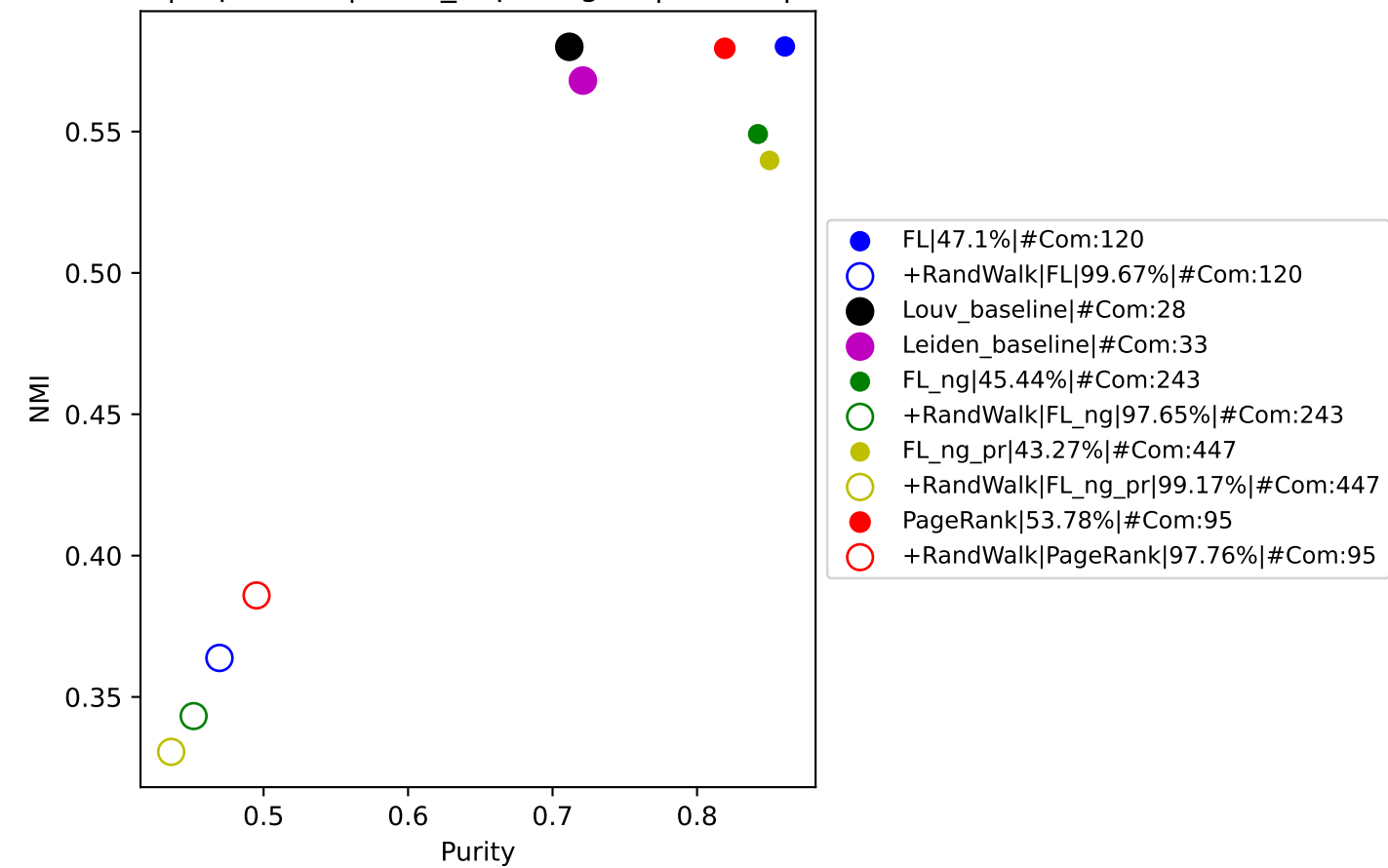
ionMNIST | top 20.0%| Num_hops: log(n) |res: 0.5|#OfComm: 10



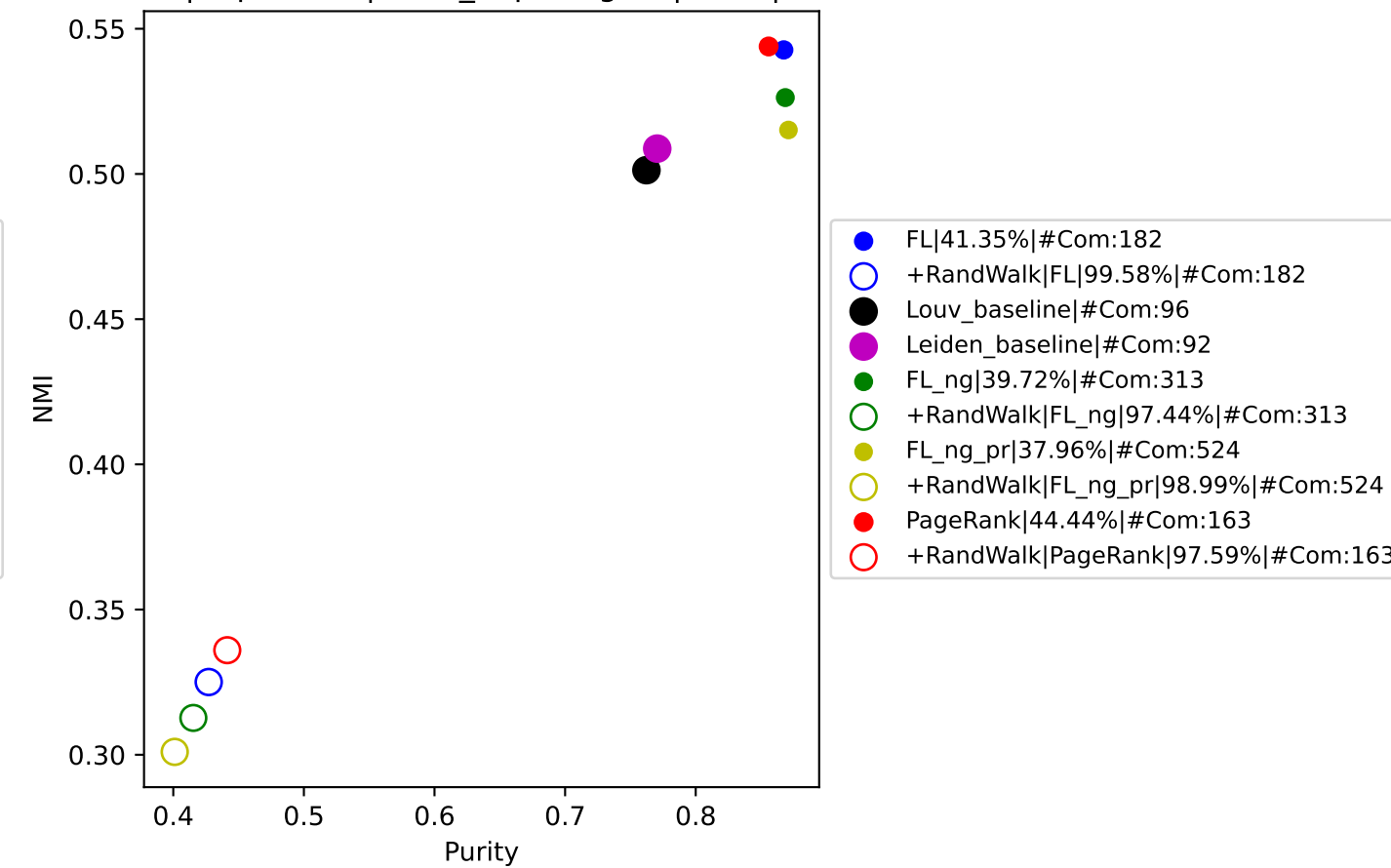
FashionMNIST | top 20.0%| Num_hops: log(n) |res: 1|#OfComm: 10



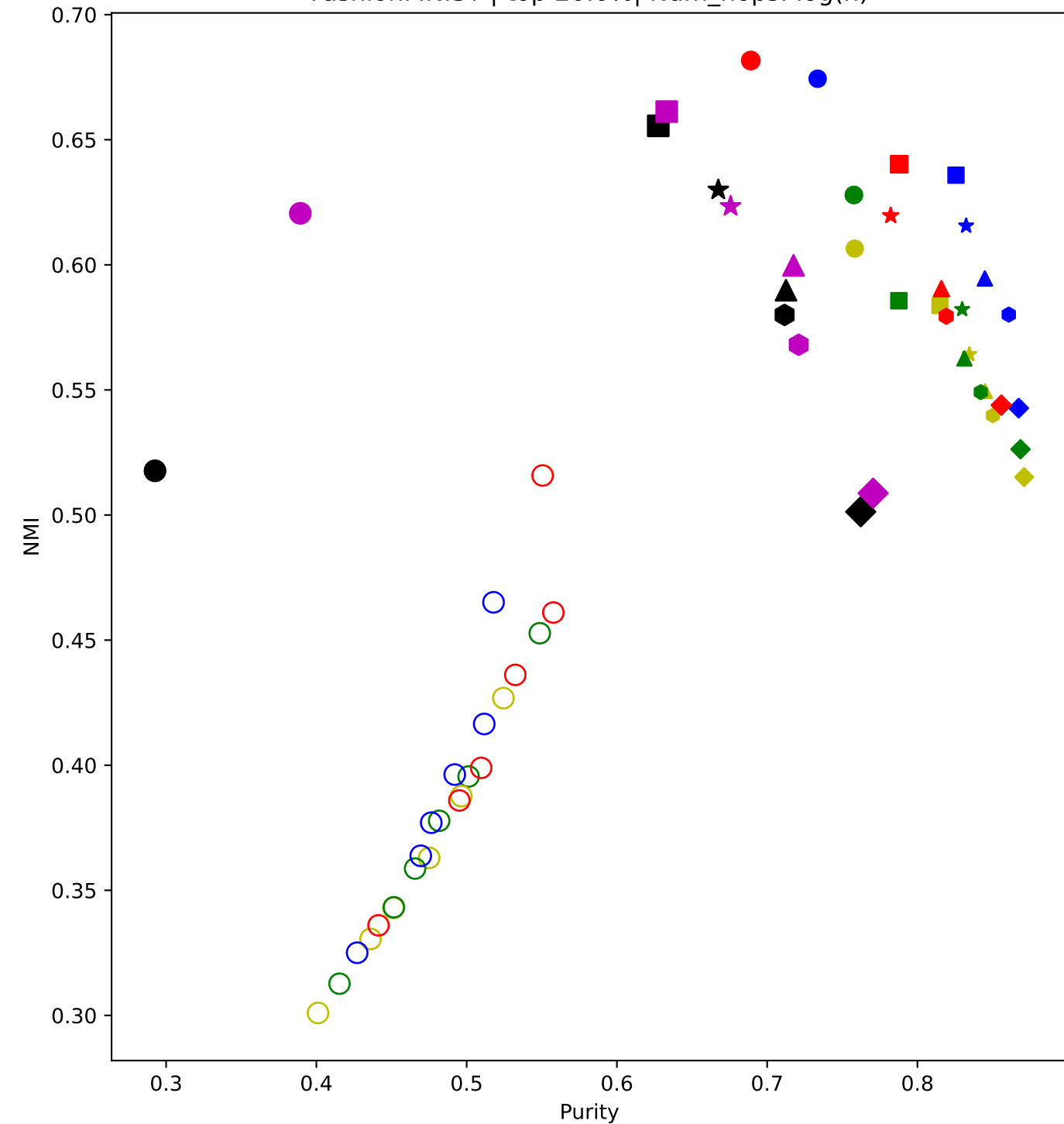
ionMNIST | top 20.0%| Num_hops: log(n) |res: 1.5|#OfComm: 10



FashionMNIST | top 20.0%| Num_hops: log(n) |res: 5|#OfComm: 10



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



- | | |
|--------------------------------------|--------------------------------------|
| ● FL 63.25% #Com:51 | ▲ FL 48.88% #Com:106 |
| ○ +RandWalk FL 99.83% #Com:51 | ○ +RandWalk FL 99.65% #Com:106 |
| ● Louv_baseline 0.05 | ▲ Louv_baseline 1 |
| ● Leiden_baseline 0.05 | ▲ Leiden_baseline 1 |
| ● FL_ng 64.98% #Com:168 | ▲ FL_ng 48.16% #Com:224 |
| ○ +RandWalk FL_ng 98.32% #Com:168 | ○ +RandWalk FL_ng 97.66% #Com:224 |
| ● FL_ng_pr 61.51% #Com:375 | ▲ FL_ng_pr 45.42% #Com:434 |
| ○ +RandWalk FL_ng_pr 99.41% #Com:375 | ○ +RandWalk FL_ng_pr 99.19% #Com:434 |
| ● PageRank 73.77% #Com:39 | ▲ PageRank 55.91% #Com:82 |
| ○ +RandWalk PageRank 98.3% #Com:39 | ○ +RandWalk PageRank 97.85% #Com:82 |
| ■ FL 54.89% #Com:77 | ● FL 47.1% #Com:120 |
| ○ +RandWalk FL 99.75% #Com:77 | ○ +RandWalk FL 99.67% #Com:120 |
| ■ Louv_baseline 0.25 | ● Louv_baseline 1.5 |
| ■ Leiden_baseline 0.25 | ● Leiden_baseline 1.5 |
| ■ FL_ng 56.11% #Com:190 | ● FL_ng 45.44% #Com:243 |
| ○ +RandWalk FL_ng 97.96% #Com:190 | ○ +RandWalk FL_ng 97.65% #Com:243 |
| ■ FL_ng_pr 53.12% #Com:400 | ● FL_ng_pr 43.27% #Com:447 |
| ○ +RandWalk FL_ng_pr 99.29% #Com:400 | ○ +RandWalk FL_ng_pr 99.17% #Com:447 |
| ■ PageRank 65.0% #Com:54 | ● PageRank 53.78% #Com:95 |
| ○ +RandWalk PageRank 98.08% #Com:54 | ○ +RandWalk PageRank 97.76% #Com:95 |
| ★ FL 51.74% #Com:90 | ◆ FL 41.35% #Com:182 |
| ○ +RandWalk FL 99.7% #Com:90 | ○ +RandWalk FL 99.58% #Com:182 |
| ★ Louv_baseline 0.5 | ◆ Louv_baseline 5 |
| ★ Leiden_baseline 0.5 | ◆ Leiden_baseline 5 |
| ★ FL_ng 50.82% #Com:206 | ◆ FL_ng 39.72% #Com:313 |
| ○ +RandWalk FL_ng 97.9% #Com:206 | ○ +RandWalk FL_ng 97.44% #Com:313 |
| ★ FL_ng_pr 49.15% #Com:415 | ◆ FL_ng_pr 37.96% #Com:524 |
| ○ +RandWalk FL_ng_pr 99.25% #Com:415 | ○ +RandWalk FL_ng_pr 98.99% #Com:524 |
| ★ PageRank 62.16% #Com:61 | ◆ PageRank 44.44% #Com:163 |
| ○ +RandWalk PageRank 98.02% #Com:61 | ○ +RandWalk PageRank 97.59% #Com:163 |