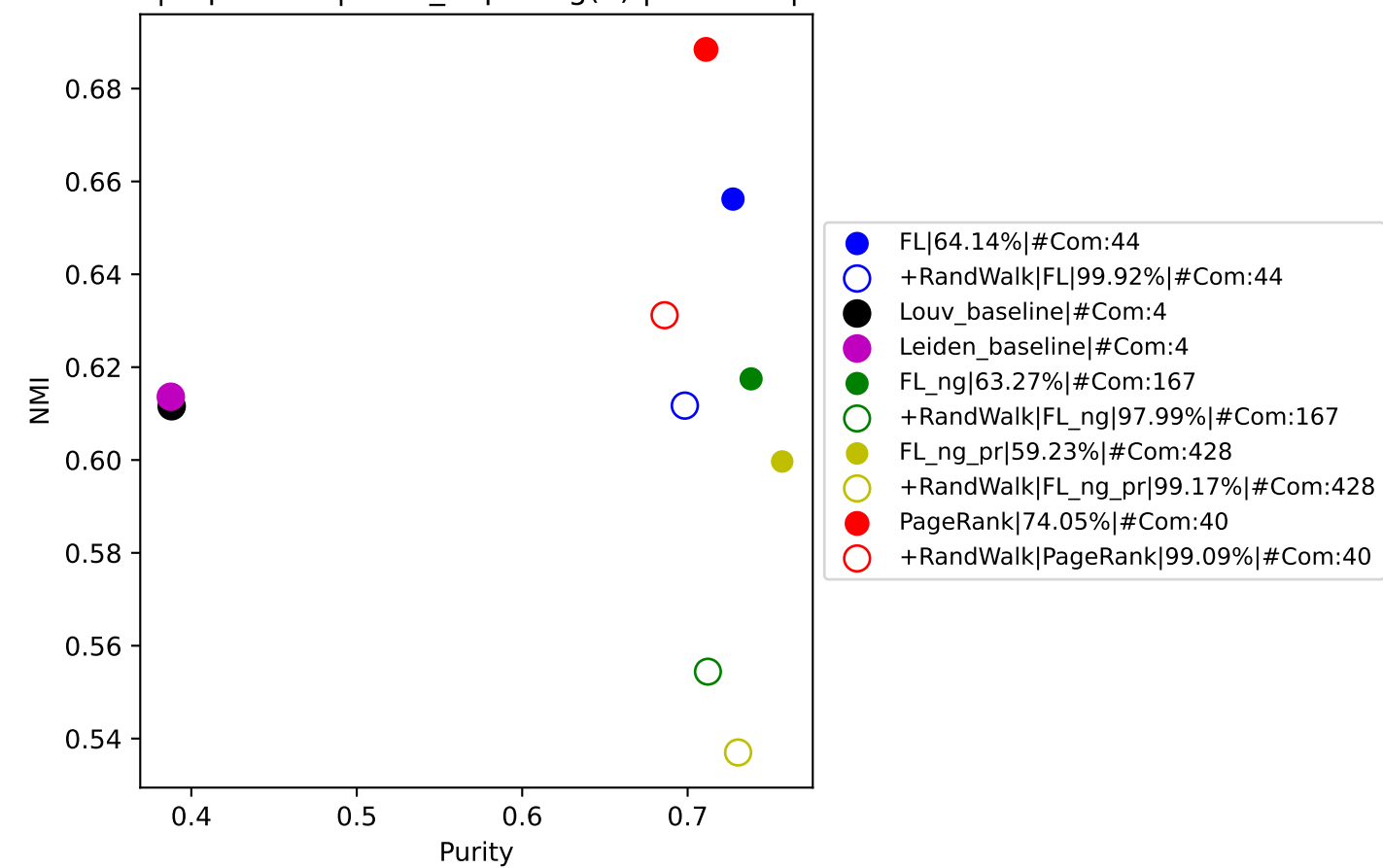
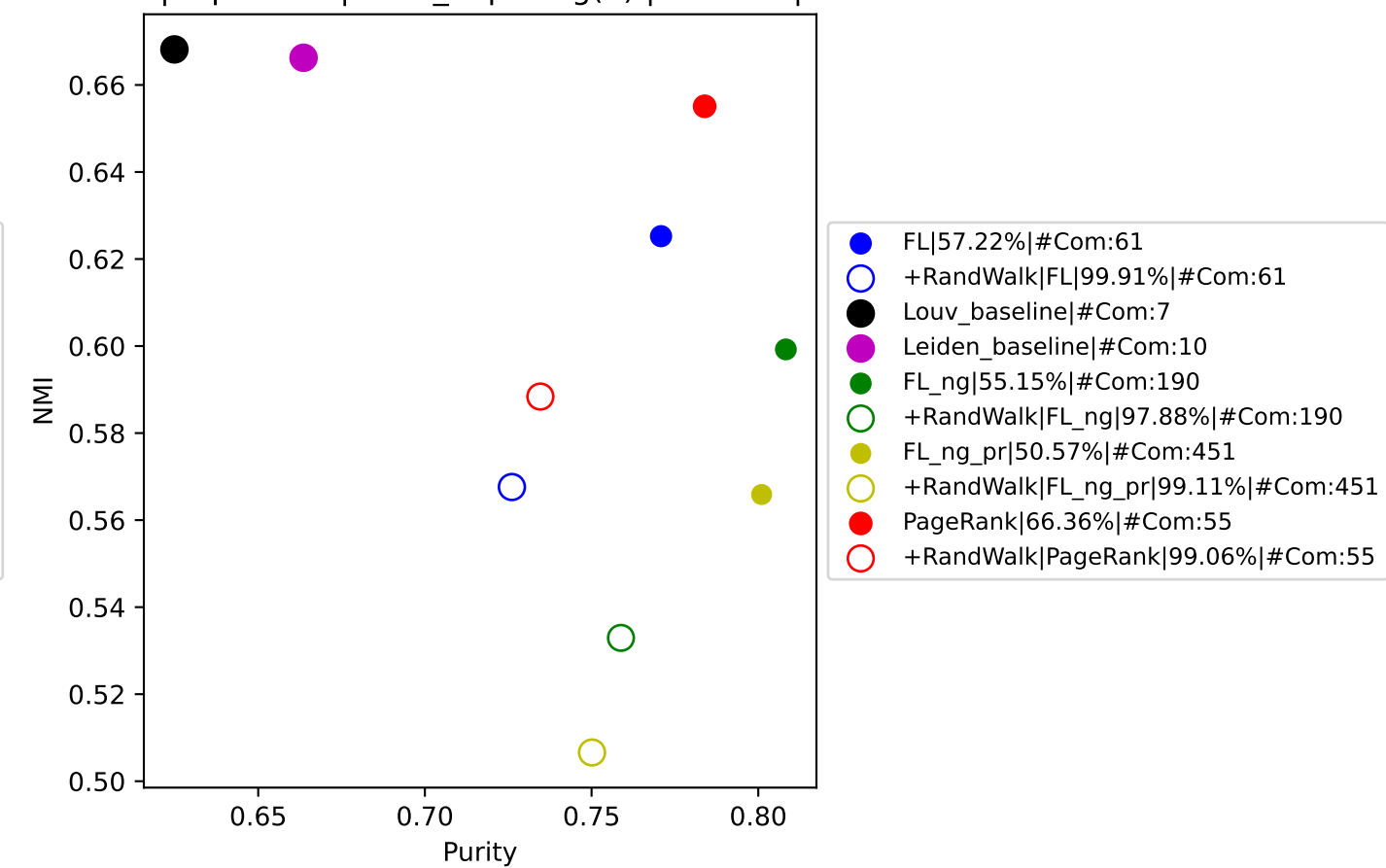


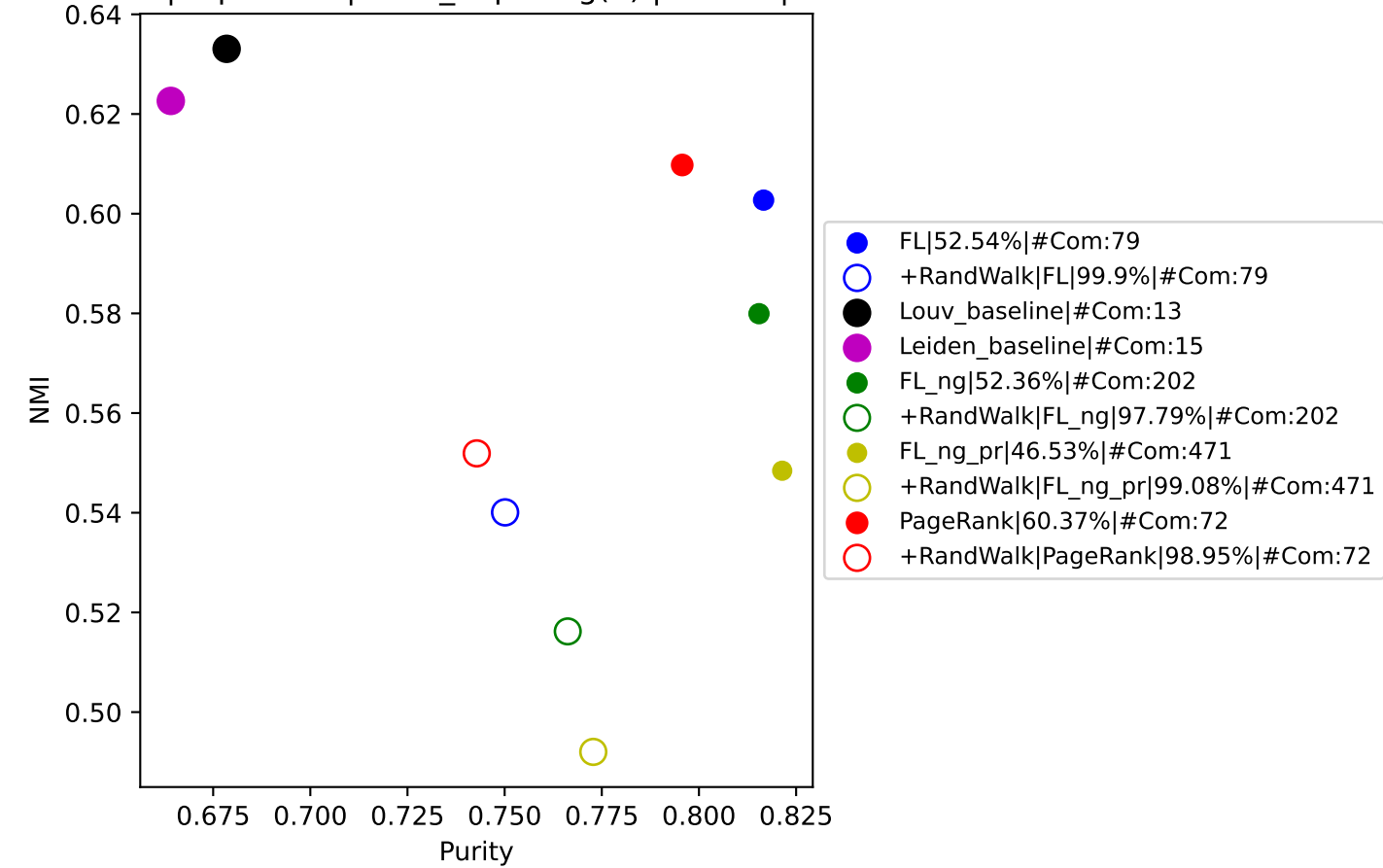
ionMNIST | top 20.0%| Num\_hops: log(n) |res: 0.05|#OfComm: 10



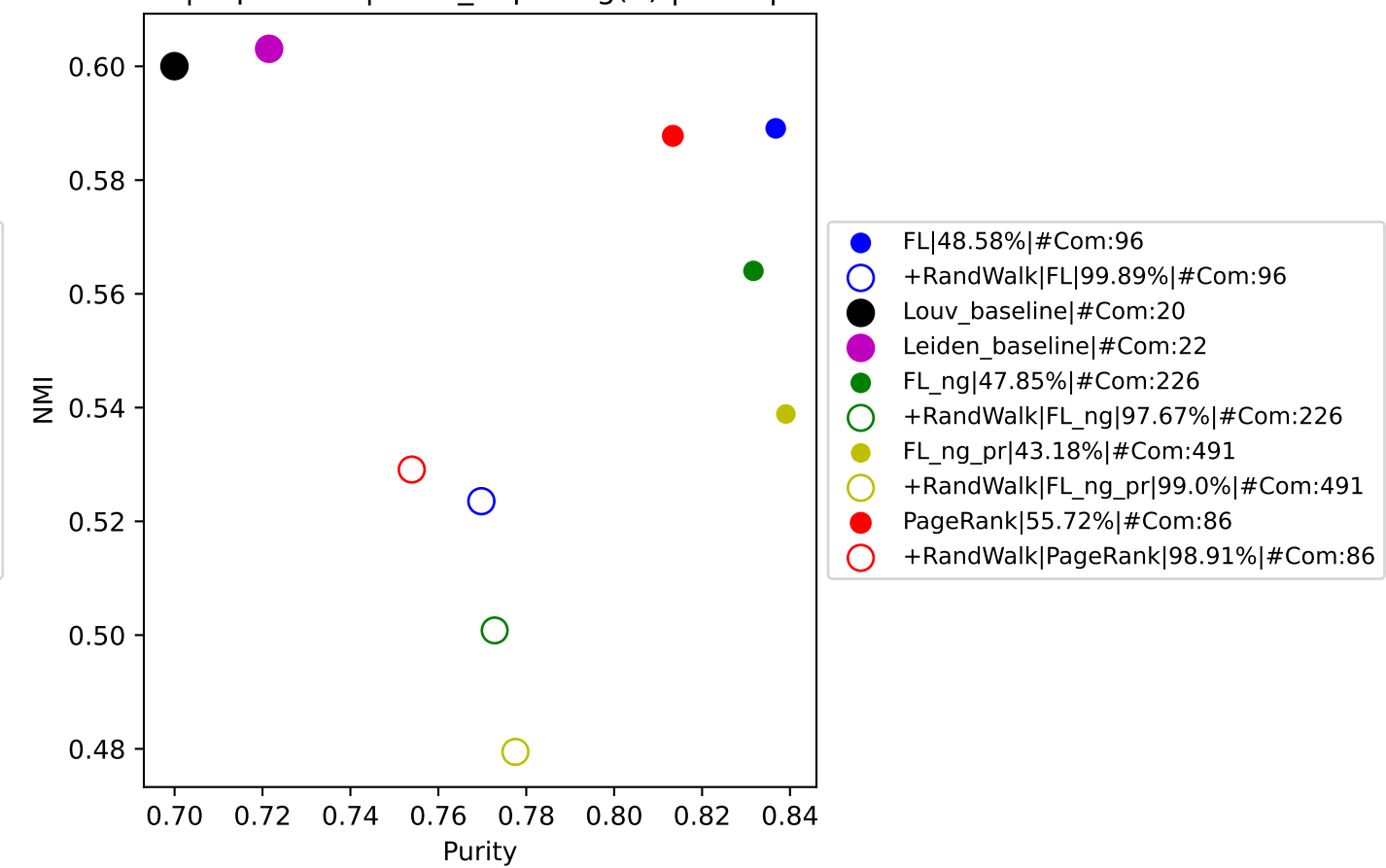
FashionMNIST | top 20.0%| Num\_hops: log(n) |res: 0.25|#OfComm: 10



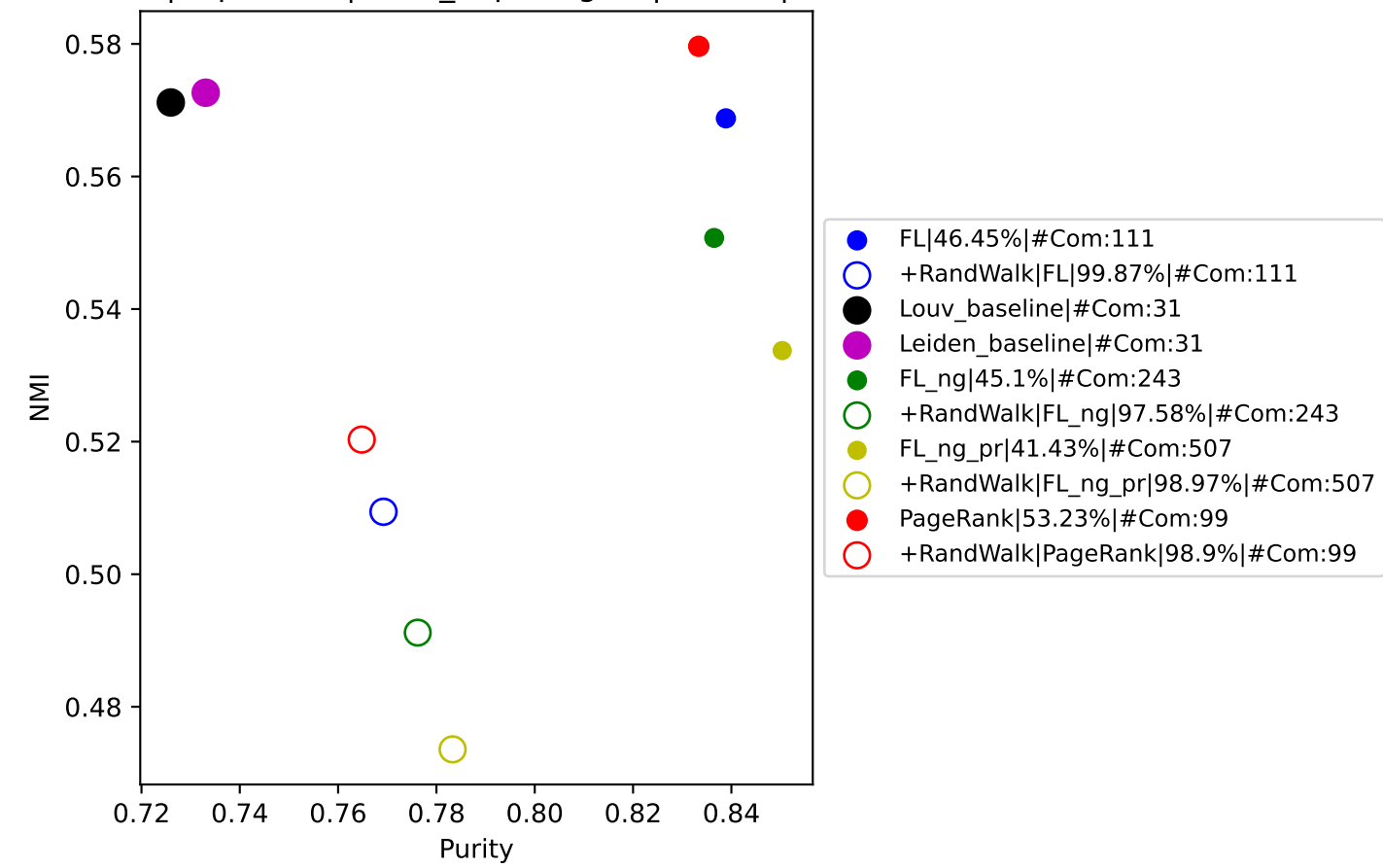
ionMNIST | top 20.0%| Num\_hops: log(n) |res: 0.5|#OfComm: 10



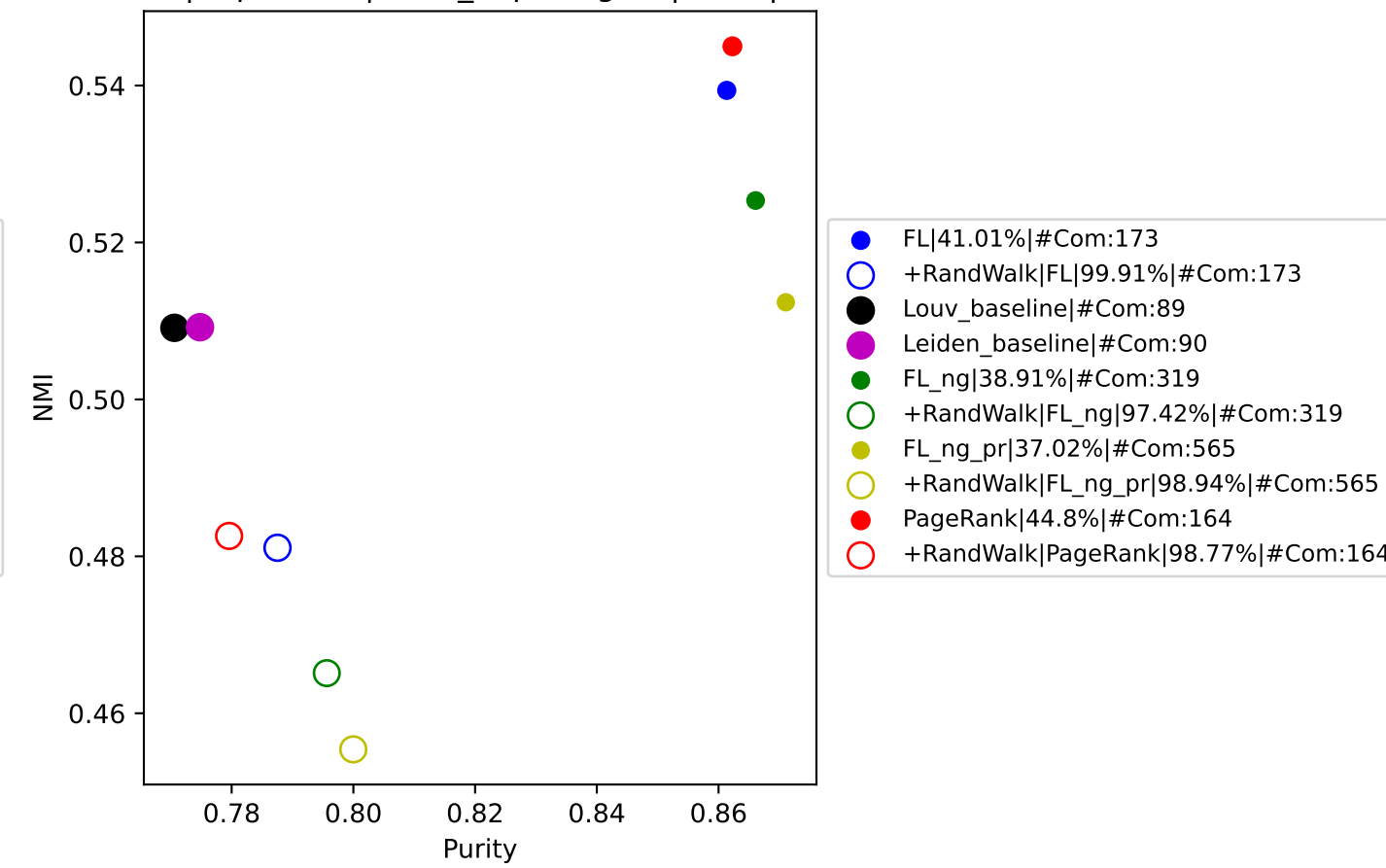
FashionMNIST | top 20.0%| Num\_hops: log(n) |res: 1|#OfComm: 10



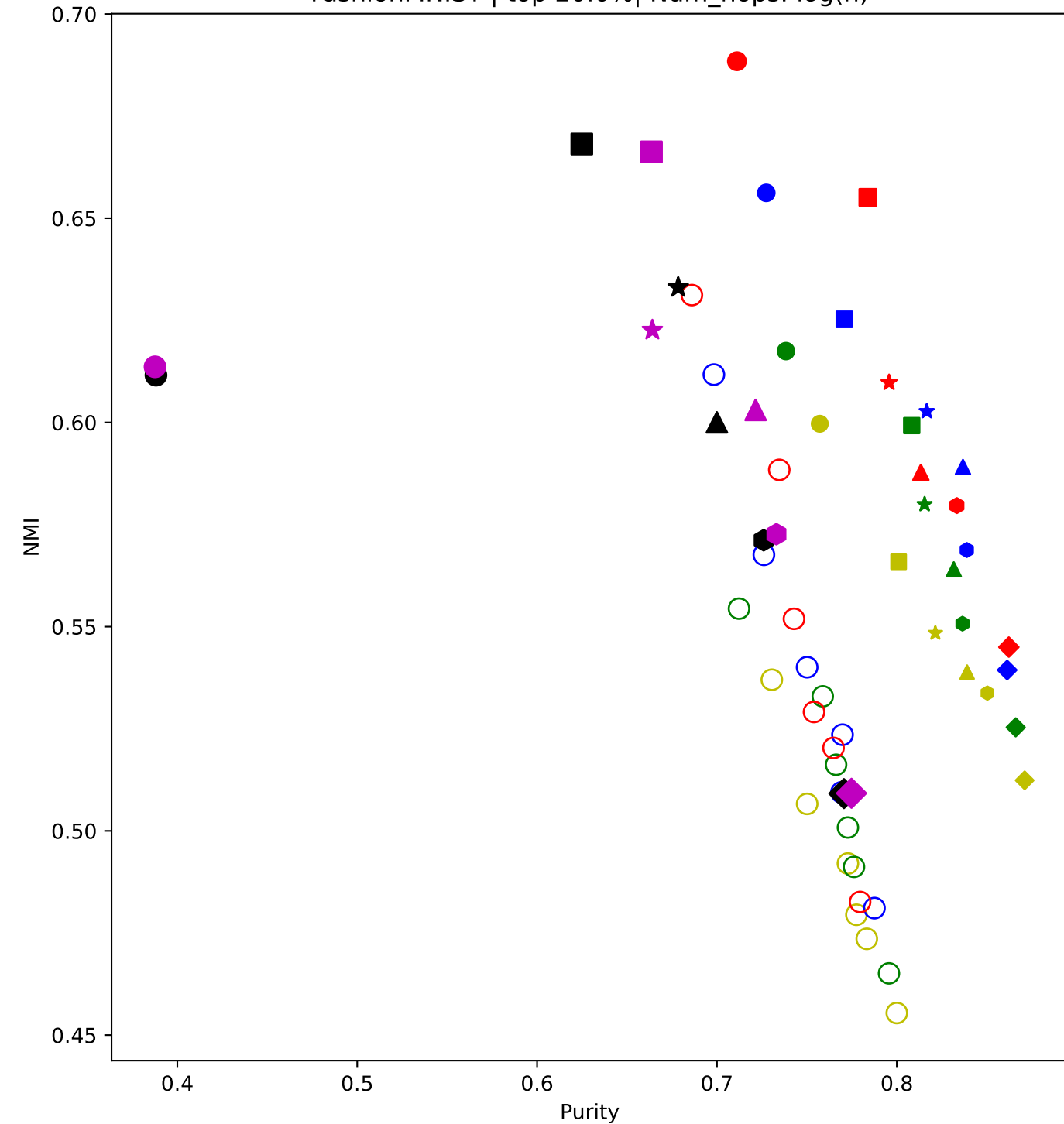
ionMNIST | top 20.0%| Num\_hops: log(n) |res: 1.5|#OfComm: 10



FashionMNIST | top 20.0%| Num\_hops: log(n) |res: 5|#OfComm: 10



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



- FL|64.14%|#Com:44
- +RandWalk|FL|99.92%|#Com:44
- Louv\_baseline|0.05
- Leiden\_baseline|0.05
- FL\_ng|63.27%|#Com:167
- +RandWalk|FL\_ng|97.99%|#Com:167
- FL\_ng\_pr|59.23%|#Com:428
- +RandWalk|FL\_ng\_pr|99.17%|#Com:428
- PageRank|74.05%|#Com:40
- +RandWalk|PageRank|99.09%|#Com:40
- FL|57.22%|#Com:61
- +RandWalk|FL|99.91%|#Com:61
- Louv\_baseline|0.25
- Leiden\_baseline|0.25
- FL\_ng|55.15%|#Com:190
- +RandWalk|FL\_ng|97.88%|#Com:190
- FL\_ng\_pr|50.57%|#Com:451
- +RandWalk|FL\_ng\_pr|99.11%|#Com:451
- PageRank|66.36%|#Com:55
- +RandWalk|PageRank|99.06%|#Com:55
- FL|52.54%|#Com:79
- +RandWalk|FL|99.9%|#Com:79
- Louv\_baseline|0.5
- Leiden\_baseline|0.5
- FL\_ng|52.36%|#Com:202
- +RandWalk|FL\_ng|97.79%|#Com:202
- FL\_ng\_pr|46.53%|#Com:471
- +RandWalk|FL\_ng\_pr|99.08%|#Com:471
- PageRank|60.37%|#Com:72
- +RandWalk|PageRank|98.95%|#Com:72
- FL|48.58%|#Com:96
- +RandWalk|FL|99.89%|#Com:96
- Louv\_baseline|1
- Leiden\_baseline|1
- FL\_ng|47.85%|#Com:226
- +RandWalk|FL\_ng|97.67%|#Com:226
- FL\_ng\_pr|43.18%|#Com:491
- +RandWalk|FL\_ng\_pr|99.0%|#Com:491
- PageRank|55.72%|#Com:86
- +RandWalk|PageRank|98.91%|#Com:86
- FL|46.45%|#Com:111
- +RandWalk|FL|99.87%|#Com:111
- Louv\_baseline|1.5
- Leiden\_baseline|1.5
- FL\_ng|45.1%|#Com:243
- +RandWalk|FL\_ng|97.58%|#Com:243
- FL\_ng\_pr|41.43%|#Com:507
- +RandWalk|FL\_ng\_pr|98.97%|#Com:507
- PageRank|53.23%|#Com:99
- +RandWalk|PageRank|98.9%|#Com:99
- FL|41.01%|#Com:173
- +RandWalk|FL|99.91%|#Com:173
- Louv\_baseline|5
- Leiden\_baseline|5
- FL\_ng|38.91%|#Com:319
- +RandWalk|FL\_ng|97.42%|#Com:319
- FL\_ng\_pr|37.02%|#Com:565
- +RandWalk|FL\_ng\_pr|98.94%|#Com:565
- PageRank|44.8%|#Com:164
- +RandWalk|PageRank|98.77%|#Com:164