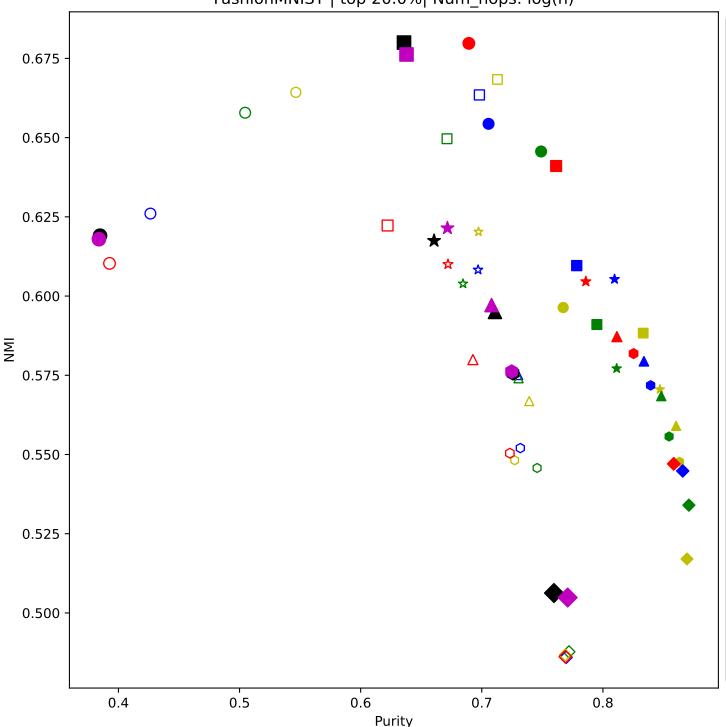


## FashionMNIST | top 20.0% | Num\_hops: log(n)



- FL|0.05|64.64% nodes
- O Eff\_checker|FL|64.64% nodes
- Louv\_baseline|0.05
- Leiden baseline|0.05
- FL\_ng|0.05|64.64% nodes
- Eff checker|FL ng|64.64% nodes
- FL\_ng\_prop|0.05|55.06% nodes
- Eff checker|FL ng prop|55.06% nodes
- PageRank|0.05|75.02% nodes
- Eff\_checker|PageRank|75.02% nodes
- FL|0.25|56.55% nodes
- ☐ Eff checker|FL|56.55% nodes
- Louv\_baseline|0.25
- Leiden baseline|0.25
- FL ng|0.25|53.19% nodes
- Eff\_checker|FL\_ng|53.19% nodes
- FL ng prop|0.25|50.76% nodes
- ☐ Eff checker|FL ng prop|50.76% nodes
- PageRank|0.25|65.74% nodes
- ☐ Eff checker|PageRank|65.74% nodes
- ★ FL|0.5|54.11% nodes
- Eff checker|FL|54.11% nodes
- Louv\_baseline|0.5
- ★ Leiden\_baseline|0.5
- ★ FL\_ng|0.5|51.09% nodes
- Eff checker|FL ng|51.09% nodes
- FL\_ng\_prop|0.5|47.5% nodes
- ★ Eff\_checker|FL\_ng\_prop|47.5% nodes
- ★ PageRank|0.5|60.17% nodes
- ★ Eff\_checker|PageRank|60.17% nodes

- FL|1|49.6% nodes
- Eff\_checker|FL|49.6% nodes
- ▲ Louv baseline|1
- Leiden\_baseline|1
- ▲ FL ng|1|47.16% nodes
- △ Eff checker|FL ng|47.16% nodes
- ▲ FL\_ng\_prop|1|45.67% nodes
- Eff\_checker|FL\_ng\_prop|45.67% nodes
- PageRank|1|56.23% nodes
- Eff\_checker|PageRank|56.23% nodes
- FL|1.5|48.31% nodes
- Eff checker|FL|48.31% nodes
- Louv\_baseline|1.5
- Leiden baseline|1.5
- FL ng|1.5|45.24% nodes
- Eff\_checker|FL\_ng|45.24% nodes
- FL ng prop|1.5|43.21% nodes
- Eff\_checker|FL\_ng\_prop|43.21% nodes
- PageRank|1.5|53.83% nodes
- Eff checker|PageRank|53.83% nodes
- FL|5|41.99% nodes
- > Eff\_checker|FL|41.99% nodes
- Louv\_baseline|5
- Leiden\_baseline|5
- ◆ FL\_ng|5|40.54% nodes
- ♦ Eff\_checker|FL\_ng|40.54% nodes
- FL\_ng\_prop|5|38.42% nodes
- Eff\_checker|FL\_ng\_prop|38.42% nodes
- PageRank|5|44.99% nodes
- > Eff\_checker|PageRank|44.99% nodes

