

Segerstolpe | top 20.0% | Num hops: log(n) 0.80 -FL|top20%|73.14% nodes FL\_ng\_prop|>0.2|96.25% nodes Louv baseline|0.05 PageRank|>0.2|98.87% nodes Leiden baseline|0.05 FL|>0.2|86.54% nodes FL\_ng|top20%|79.09% nodes FL\_ng|>0.2|90.2% nodes FL\_ng\_prop|top20%|81.25% nodes FL\_ng\_prop|>0.2|94.09% nodes PageRank|top20%|70.04% nodes PageRank|>0.2|97.98% nodes FL|top20%|73.14% nodes FL|>0.5|77.03% nodes FL\_ng|>0.5|90.44% nodes Louv\_baseline|0.25 0.75 -Leiden baseline|0.25 FL\_ng\_prop|>0.5|96.48% nodes FL ng|top20%|76.7% nodes PageRank|>0.5|97.89% nodes FL ng prop|top20%|76.56% nodes FL|>0.5|77.03% nodes PageRank|top20%|69.85% nodes FL ng|>0.5|87.48% nodes FL|top20%|73.0% nodes FL\_ng\_prop|>0.5|94.37% nodes Louv baseline|0.5 PageRank|>0.5|96.02% nodes Leiden baseline|0.5 FL|>0.5|77.03% nodes FL\_ng|top20%|74.87% nodes FL\_ng|>0.5|86.45% nodes FL\_ng\_prop|top20%|76.56% nodes FL\_ng\_prop|>0.5|94.19% nodes 0.70 PageRank|top20%|66.99% nodes PageRank|>0.5|95.83% nodes FL|top20%|71.59% nodes FL|>0.5|76.14% nodes Louv\_baseline|1 FL\_ng|>0.5|85.94% nodes Leiden\_baseline|1 FL\_ng\_prop|>0.5|93.3% nodes FL ng|top20%|74.36% nodes PageRank|>0.5|95.5% nodes FL ng prop|top20%|69.2% nodes FL|>0.5|75.06% nodes PageRank|top20%|65.78% nodes FL\_ng|>0.5|85.09% nodes 0.65 · FL|top20%|69.25% nodes FL\_ng\_prop|>0.5|92.08% nodes Louv baseline|1.5 PageRank|>0.5|93.72% nodes Leiden baseline|1.5 FL|>0.5|74.36% nodes FL\_ng|top20%|74.31% nodes FL\_ng|>0.5|82.14% nodes FL ng prop|top20%|69.2% nodes FL ng prop|>0.5|86.64% nodes PageRank|top20%|65.54% nodes PageRank|>0.5|91.94% nodes FL|top20%|68.59% nodes FL|>0.8|14.81% nodes Louv\_baseline|5 FL ng|>0.8|33.38% nodes FL\_ng\_prop|>0.8|87.58% nodes Leiden\_baseline|5 FL\_ng|top20%|70.6% nodes PageRank|>0.8|92.73% nodes 0.60 FL\_ng\_prop|top20%|63.01% nodes FL|>0.8|14.81% nodes PageRank|top20%|62.96% nodes FL\_ng|>0.8|30.57% nodes FL|>0.2|95.26% nodes FL\_ng\_prop|>0.8|84.29% nodes FL ng|>0.2|97.84% nodes PageRank|>0.8|91.23% nodes FL ng prop|>0.2|99.44% nodes ★ FL|>0.8|14.81% nodes PageRank|>0.2|100.0% nodes ★ FL\_ng|>0.8|27.52% nodes FL|>0.2|91.7% nodes FL ng prop|>0.8|84.29% nodes FL ng|>0.2|95.03% nodes PageRank|>0.8|89.69% nodes FL\_ng\_prop|>0.2|97.09% nodes ▲ FL|>0.8|14.81% nodes 0.55 PageRank|>0.2|99.48% nodes ▲ FL\_ng|>0.8|27.52% nodes FL|>0.2|89.87% nodes FL\_ng\_prop|>0.8|82.51% nodes FL\_ng|>0.2|94.89% nodes PageRank|>0.8|89.17% nodes FL ng prop|>0.2|97.05% nodes FL|>0.8|14.81% nodes PageRank|>0.2|99.3% nodes • FL\_ng|>0.8|27.52% nodes FL|>0.2|89.36% nodes FL\_ng\_prop|>0.8|82.0% nodes FL\_ng|>0.2|93.25% nodes PageRank|>0.8|88.65% nodes FL ng prop|>0.2|96.86% nodes FL|>0.8|14.81% nodes PageRank|>0.2|99.11% nodes FL\_ng|>0.8|27.43% nodes 0.50 FL|>0.2|89.17% nodes FL\_ng\_prop|>0.8|79.51% nodes FL\_ng|>0.2|93.2% nodes PageRank|>0.8|84.95% nodes 0.60 0.65 0.70 0.75 0.80 0.85 0.90 0.95 Purity