

Tcell-medicine | top 20.0% | Num hops: log(n) 8.0 FL|top20%|95.43% nodes FL ng prop|>0.2|96.23% nodes Louv baseline|0.05 PageRank|>0.2|98.82% nodes Leiden baseline|0.05 FL|>0.2|46.41% nodes FL_ng|top20%|98.68% nodes FL ng|>0.2|75.24% nodes FL_ng_prop|top20%|98.12% nodes FL ng prop|>0.2|89.03% nodes PageRank|top20%|93.89% nodes PageRank|>0.2|96.84% nodes 0.7 FL|top20%|95.07% nodes FL|>0.5|73.76% nodes Louv baseline|0.25 FL_ng|>0.5|97.03% nodes Leiden_baseline|0.25 FL ng prop|>0.5|99.46% nodes FL ng|top20%|95.0% nodes PageRank|>0.5|99.86% nodes FL ng prop|top20%|93.75% nodes FL|>0.5|73.76% nodes PageRank|top20%|92.65% nodes FL ng|>0.5|91.68% nodes 0.6 FL|top20%|88.28% nodes FL ng prop|>0.5|98.82% nodes Louv baseline 0.5 PageRank|>0.5|98.77% nodes Leiden baseline|0.5 FL|>0.5|73.75% nodes FL_ng|top20%|91.49% nodes FL ng|>0.5|81.87% nodes FL ng prop|top20%|88.7% nodes FL ng prop|>0.5|96.11% nodes PageRank|top20%|86.77% nodes PageRank|>0.5|97.52% nodes FL|top20%|80.45% nodes FL|>0.5|29.92% nodes 0.5 Louv_baseline|1 FL_ng|>0.5|73.52% nodes FL ng prop|>0.5|91.3% nodes Leiden baseline|1 FL ng|top20%|84.34% nodes PageRank|>0.5|94.11% nodes FL ng prop|top20%|80.17% nodes FL|>0.5|29.92% nodes FL_ng|>0.5|67.88% nodes PageRank|top20%|83.28% nodes FL|top20%|75.43% nodes FL_ng_prop|>0.5|90.4% nodes Louv baseline|1.5 PageRank|>0.5|93.19% nodes Leiden_baseline|1.5 FL|>0.5|6.86% nodes FL_ng|top20%|74.75% nodes FL ng|>0.5|38.32% nodes FL ng prop|top20%|71.45% nodes FL ng prop|>0.5|71.52% nodes PageRank|top20%|77.01% nodes PageRank|>0.5|81.13% nodes FL|>0.8|1.82% nodes FL|top20%|51.38% nodes Louv baseline|5 • FL ng|>0.8|6.37% nodes 0.3 Leiden baseline|5 FL_ng_prop|>0.8|93.05% nodes FL_ng|top20%|49.4% nodes PageRank|>0.8|98.78% nodes FL ng prop|top20%|52.34% nodes FL|>0.8|1.82% nodes PageRank|top20%|50.62% nodes ■ FL_ng|>0.8|6.37% nodes FL|>0.2|92.9% nodes FL_ng_prop|>0.8|89.79% nodes FL ng|>0.2|99.67% nodes PageRank|>0.8|98.23% nodes FL ng prop|>0.2|100.02% nodes • FL|>0.8|1.82% nodes 0.2 PageRank|>0.2|100.02% nodes ★ FL_ng|>0.8|6.37% nodes FL|>0.2|92.6% nodes FL ng prop|>0.8|86.37% nodes FL ng|>0.2|98.84% nodes PageRank|>0.8|96.75% nodes FL ng prop|>0.2|99.5% nodes ▲ FL|>0.8|1.82% nodes PageRank|>0.2|99.88% nodes ▲ FL ng|>0.8|3.87% nodes FL|>0.2|91.2% nodes FL ng prop|>0.8|72.62% nodes FL ng|>0.2|96.98% nodes PageRank|>0.8|91.63% nodes 0.1 FL_ng_prop|>0.2|98.99% nodes FL|>0.8|1.82% nodes PageRank|>0.2|99.7% nodes • FL ng|>0.8|3.75% nodes FL|>0.2|80.14% nodes ● FL_ng_prop|>0.8|47.53% nodes FL ng|>0.2|93.02% nodes PageRank|>0.8|87.08% nodes FL ng prop|>0.2|97.5% nodes • FL|>0.8|1.48% nodes PageRank|>0.2|99.17% nodes • FL ng|>0.8|3.09% nodes FL|>0.2|68.15% nodes FL_ng_prop|>0.8|34.57% nodes 0.0 FL_ng|>0.2|90.45% nodes PageRank|>0.8|69.82% nodes

0.7

8.0

0.9

0.3

0.4

0.5

0.6

Purity