

Baron Mouse | top 20.0% | Num hops: log(n) FL|0.05|87.17% nodes FL|1|86.53% nodes 0.75 Eff checker|FL|87.17% nodes Eff checker|FL|86.53% nodes Louv baseline|0.05 Louv baseline|1 Leiden baseline | 0.05 Leiden baseline|1 FL ng|0.05|92.74% nodes FL ng|1|91.68% nodes Eff checker|FL ng|92.74% nodes Eff checker|FL ng|91.68% nodes 0.70 FL ng prop|0.05|90.4% nodes FL ng prop|1|89.82% nodes Eff checker|FL ng prop|90.4% nodes Eff checker|FL ng prop|89.82% nodes PageRank|0.05|83.24% nodes PageRank|1|82.5% nodes  $\bigcirc$ Eff checker|PageRank|83.24% nodes Eff checker|PageRank|82.5% nodes FL|0.25|87.12% nodes FL|1.5|86.53% nodes 0.65 Eff checker|FL|87.12% nodes Eff checker|FL|86.53% nodes Louv baseline | 0.25 Louv baseline|1.5 Leiden baseline|0.25 Leiden baseline|1.5 FL ng|0.25|92.52% nodes FL ng|1.5|88.92% nodes Eff checker|FL ng|92.52% nodes Eff checker|FL ng|88.92% nodes FL ng prop|0.25|90.4% nodes FL ng prop|1.5|89.82% nodes 0.60 Eff checker|FL ng prop|90.4% nodes Eff checker|FL ng prop|89.82% nodes PageRank|0.25|83.03% nodes PageRank|1.5|82.5% nodes Eff checker|PageRank|83.03% nodes Eff checker|PageRank|82.5% nodes FL|0.5|86.53% nodes FL|5|80.97% nodes Eff checker|FL|86.53% nodes Eff checker|FL|80.97% nodes 0.55 Louv baseline | 0.5 Louv baseline|5 Leiden baseline|0.5 Leiden baseline|5 FL ng|0.5|92.52% nodes FL ng|5|78.47% nodes Eff checker|FL ng|92.52% nodes Eff checker|FL ng|78.47% nodes FL ng prop|0.5|90.14% nodes FL ng prop|5|72.27% nodes 0.50 Eff checker|FL ng prop|90.14% nodes Eff checker|FL ng prop|72.27% nodes PageRank|0.5|82.5% nodes PageRank|5|73.44% nodes Eff checker|PageRank|82.5% nodes Eff checker|PageRank|73.44% nodes

0.65

0.70

0.75

0.80

Purity

0.85

0.90

0.95









