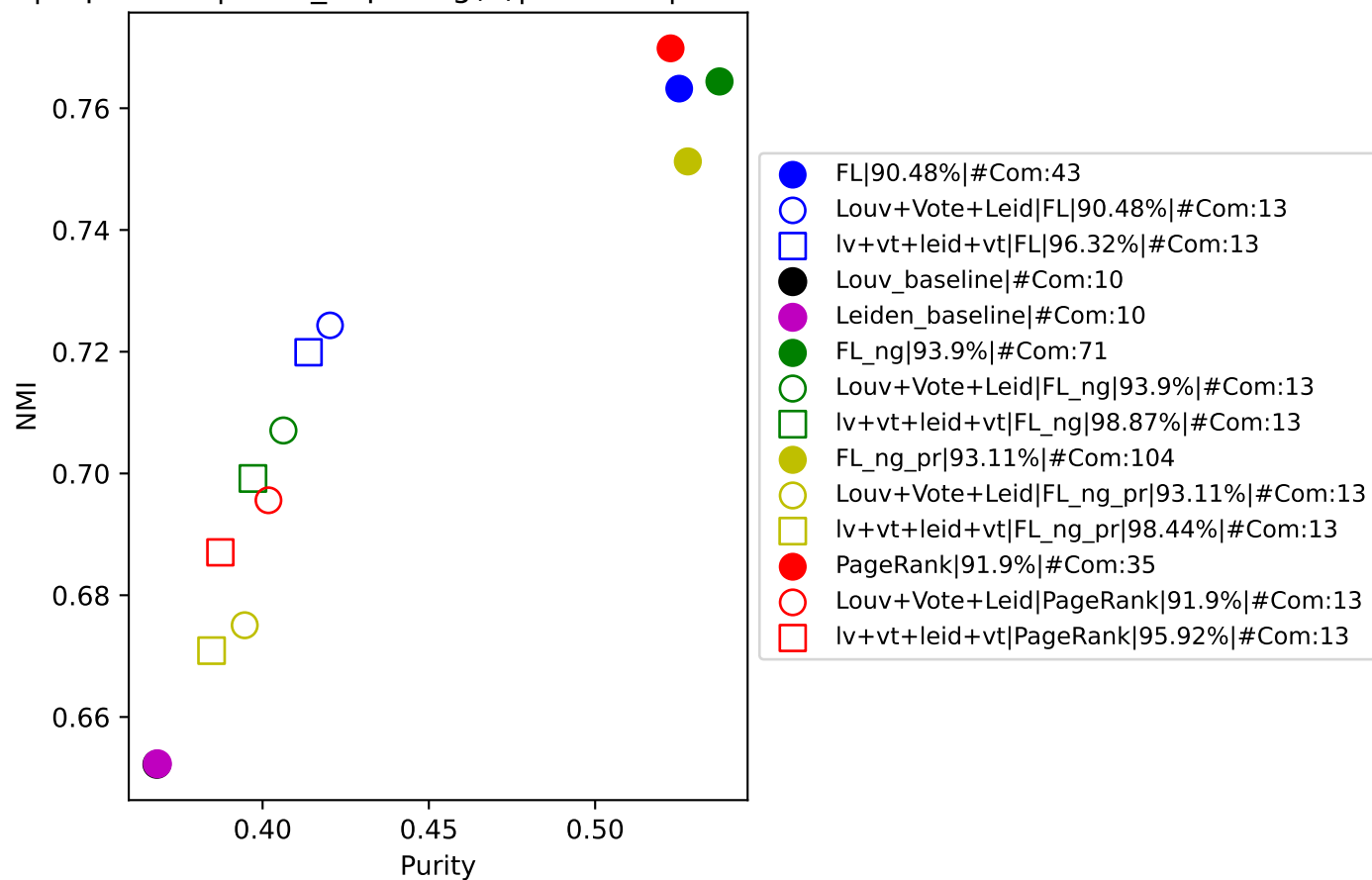
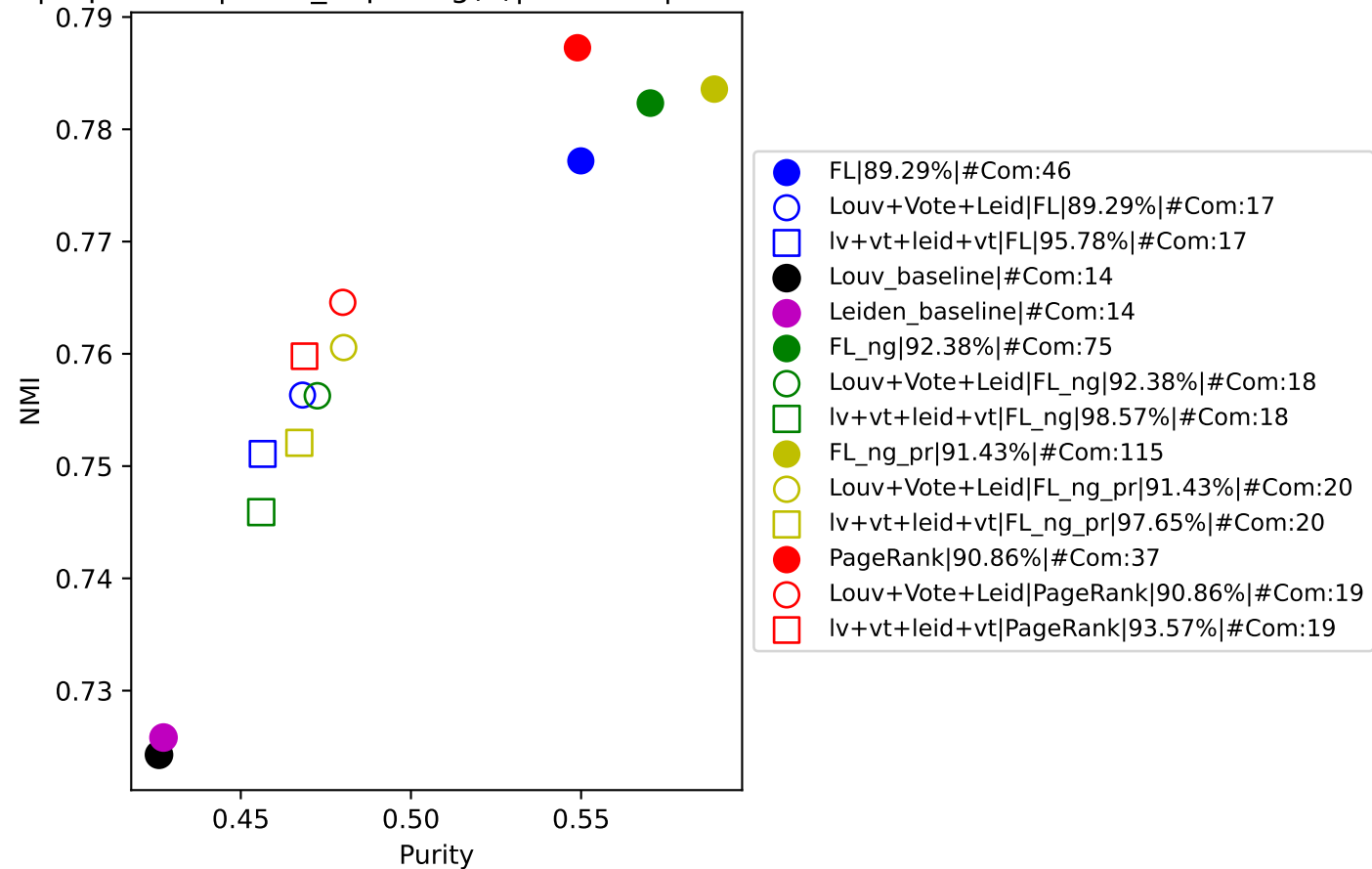


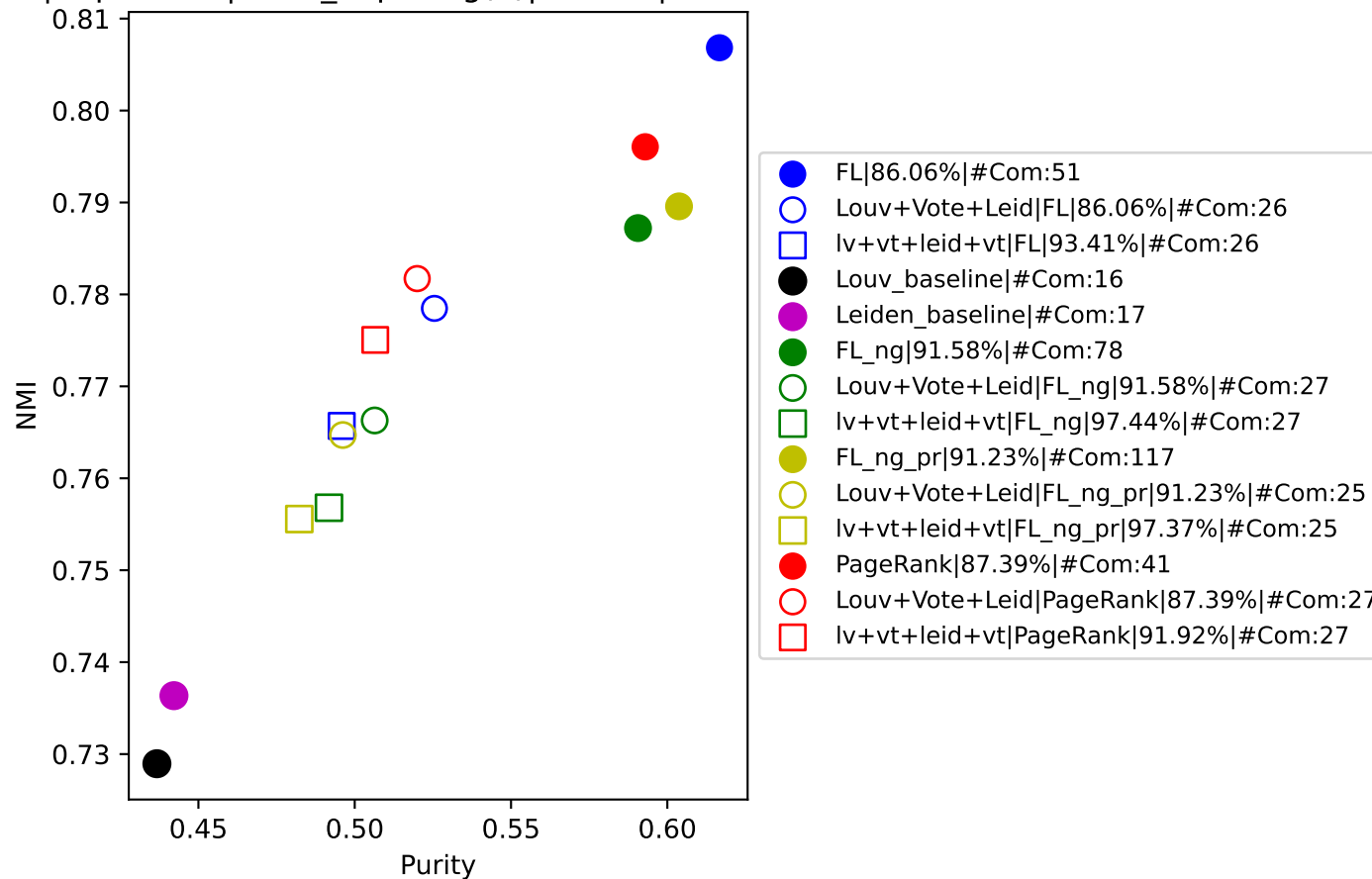
AMB | top 20.0%| Num\_hops: log(n)|res: 0.05|#OfComm: 110



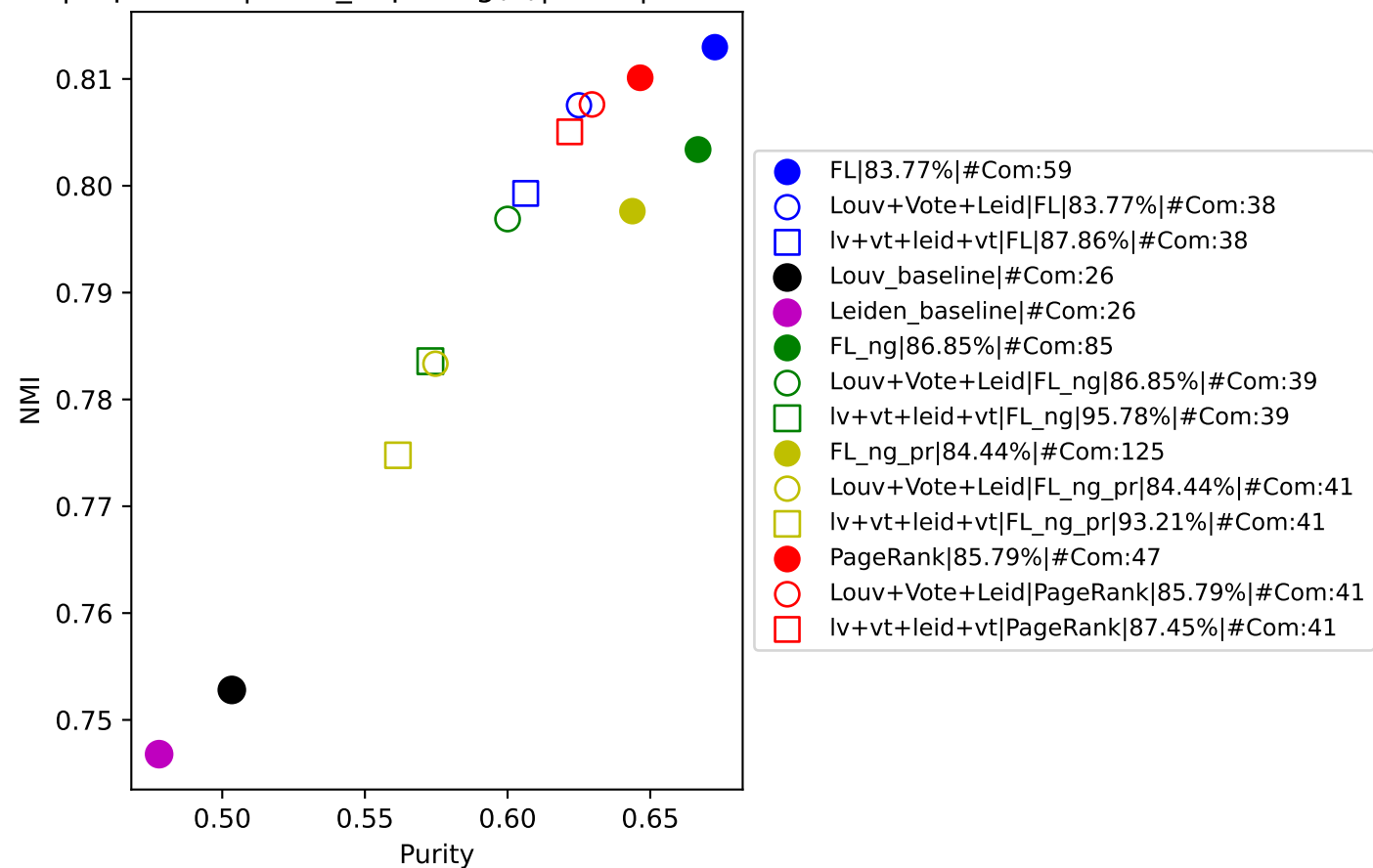
AMB | top 20.0%| Num\_hops: log(n)|res: 0.25|#OfComm: 110



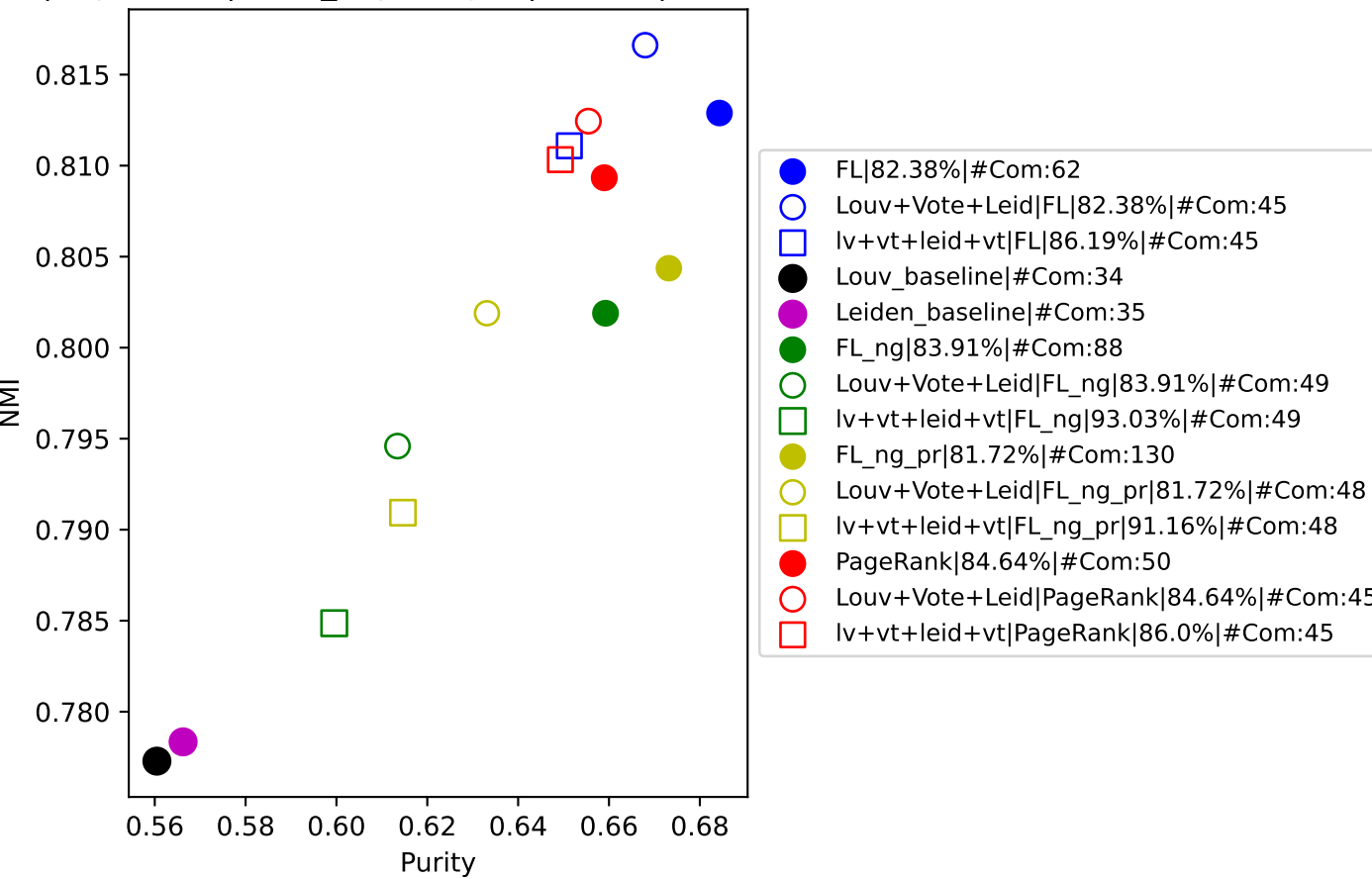
AMB | top 20.0%| Num\_hops: log(n)|res: 0.5|#OfComm: 110



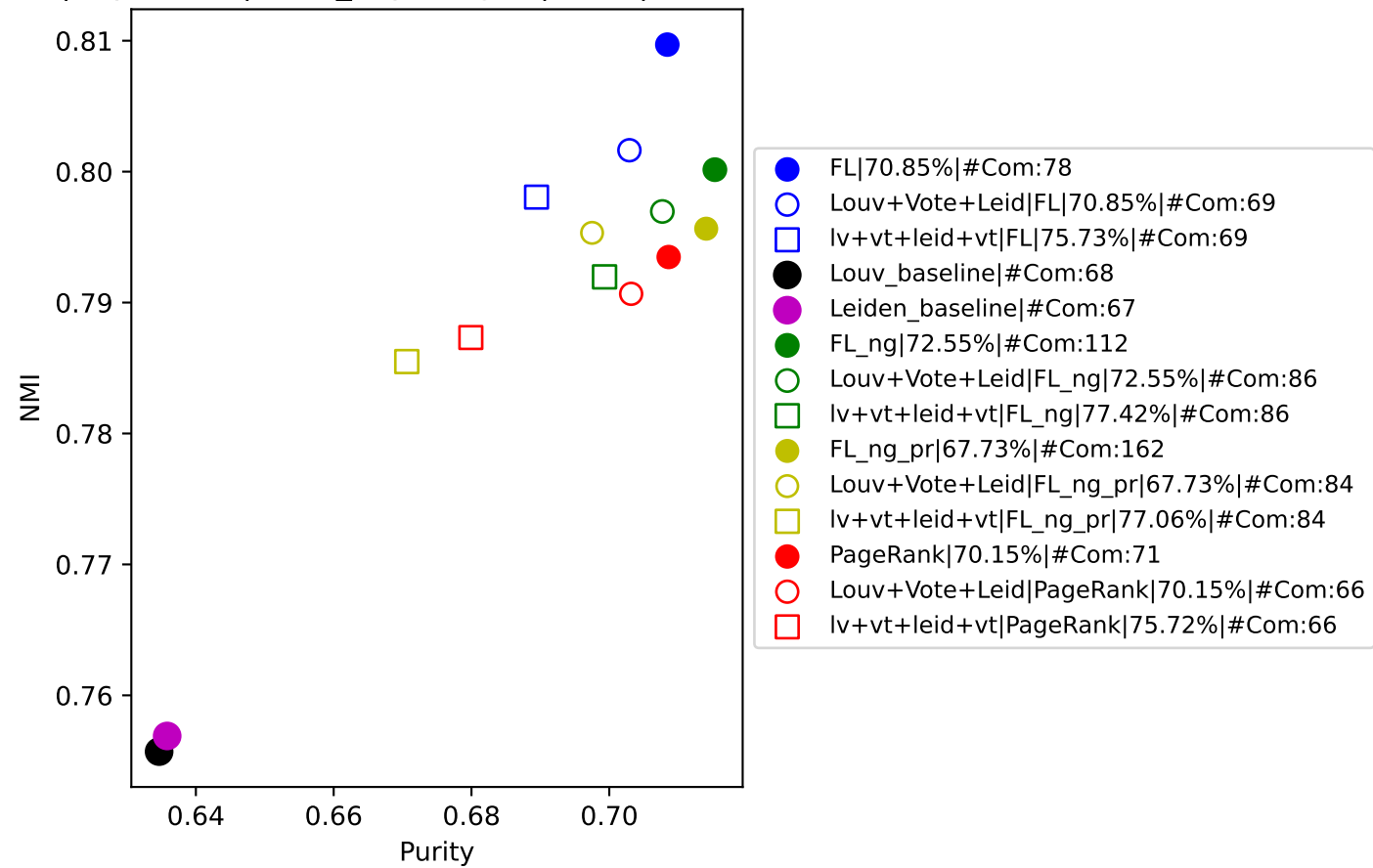
AMB | top 20.0%| Num\_hops: log(n)|res: 1|#OfComm: 110



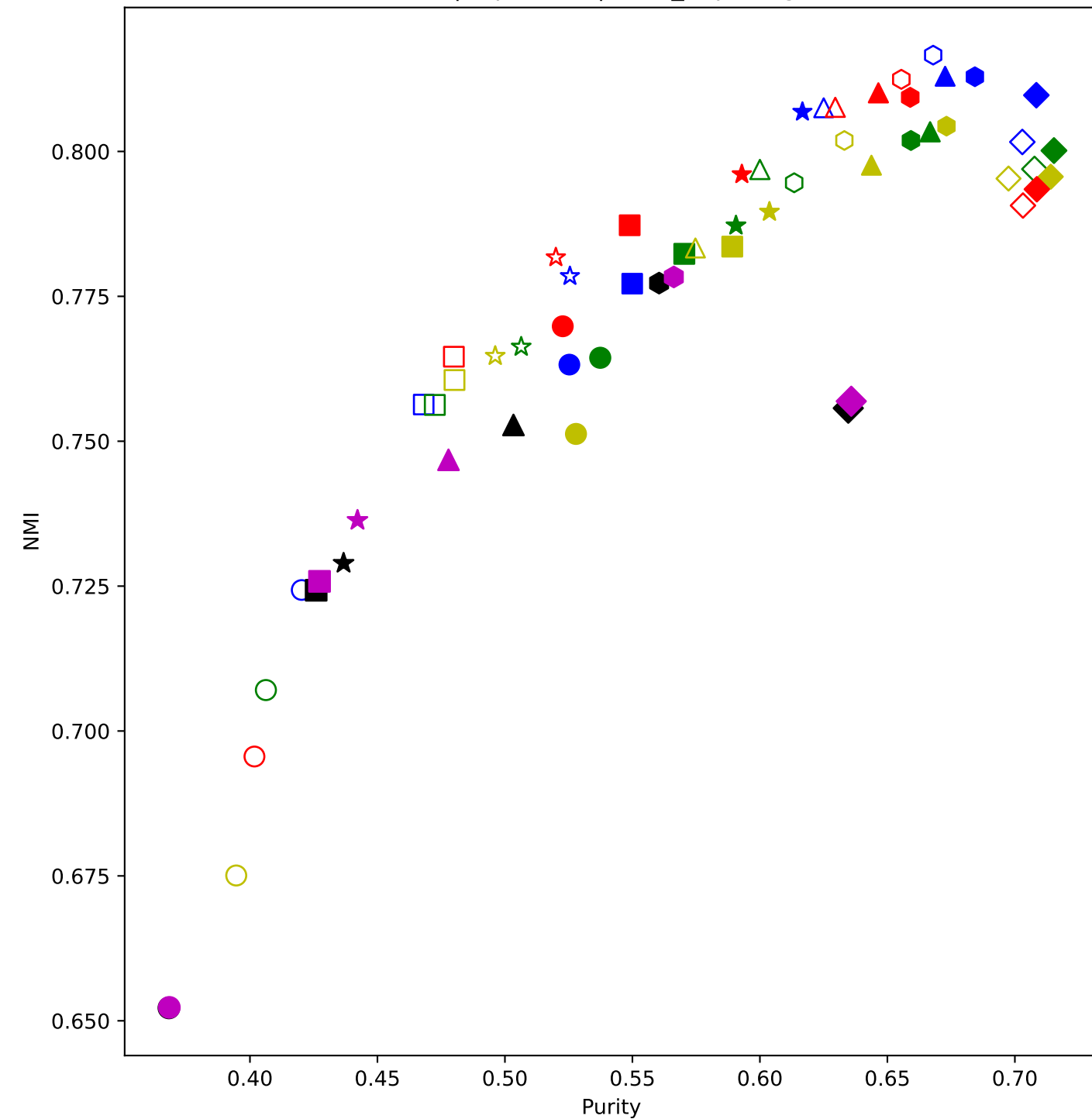
AMB | top 20.0%| Num\_hops: log(n)|res: 1.5|#OfComm: 110



AMB | top 20.0%| Num\_hops: log(n)|res: 5|#OfComm: 110



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



- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| ● FL 0.05 90.48%                      | ▲ FL 1 83.77%                        |
| ○ Louv+Vote+Leid FL 0.05 90.48%       | △ Louv+Vote+Leid FL 1 83.77%         |
| ● Louv_baseline 0.05                  | ▲ Louv_baseline 1                    |
| ● Leiden_baseline 0.05                | ▲ Leiden_baseline 1                  |
| ● FL_ng 0.05 93.9%                    | ▲ FL_ng 1 86.85%                     |
| ○ Louv+Vote+Leid FL_ng 0.05 93.9%     | △ Louv+Vote+Leid FL_ng 1 86.85%      |
| ● FL_ng_pr 0.05 93.11%                | ▲ FL_ng_pr 1 84.44%                  |
| ○ Louv+Vote+Leid FL_ng_pr 0.05 93.11% | △ Louv+Vote+Leid FL_ng_pr 1 84.44%   |
| ● PageRank 0.05 91.9%                 | ▲ PageRank 1 85.79%                  |
| ○ Louv+Vote+Leid PageRank 0.05 91.9%  | △ Louv+Vote+Leid PageRank 1 85.79%   |
| ■ FL 0.25 89.29%                      | ■ FL 1.5 82.38%                      |
| □ Louv+Vote+Leid FL 0.25 89.29%       | □ Louv+Vote+Leid FL 1.5 82.38%       |
| ■ Louv_baseline 0.25                  | ■ Louv_baseline 1.5                  |
| ■ Leiden_baseline 0.25                | ■ Leiden_baseline 1.5                |
| ■ FL_ng 0.25 92.38%                   | ■ FL_ng 1.5 83.91%                   |
| □ Louv+Vote+Leid FL_ng 0.25 92.38%    | □ Louv+Vote+Leid FL_ng 1.5 83.91%    |
| ■ FL_ng_pr 0.25 91.43%                | ■ FL_ng_pr 1.5 81.72%                |
| □ Louv+Vote+Leid FL_ng_pr 0.25 91.43% | □ Louv+Vote+Leid FL_ng_pr 1.5 81.72% |
| ■ PageRank 0.25 90.86%                | ■ PageRank 1.5 84.64%                |
| □ Louv+Vote+Leid PageRank 0.25 90.86% | □ Louv+Vote+Leid PageRank 1.5 84.64% |
| ★ FL 0.5 86.06%                       | ★ FL 5 70.85%                        |
| ★ Louv+Vote+Leid FL 0.5 86.06%        | ★ Louv+Vote+Leid FL 5 70.85%         |
| ★ Louv_baseline 0.5                   | ★ Louv_baseline 5                    |
| ★ Leiden_baseline 0.5                 | ★ Leiden_baseline 5                  |
| ★ FL_ng 0.5 91.58%                    | ★ FL_ng 5 72.55%                     |
| ★ Louv+Vote+Leid FL_ng 0.5 91.58%     | ★ Louv+Vote+Leid FL_ng 5 72.55%      |
| ★ FL_ng_pr 0.5 91.23%                 | ★ FL_ng_pr 5 67.73%                  |
| ★ Louv+Vote+Leid FL_ng_pr 0.5 91.23%  | ★ Louv+Vote+Leid FL_ng_pr 5 67.73%   |
| ★ PageRank 0.5 87.39%                 | ★ PageRank 5 70.15%                  |
| ★ Louv+Vote+Leid PageRank 0.5 87.39%  | ★ Louv+Vote+Leid PageRank 5 70.15%   |