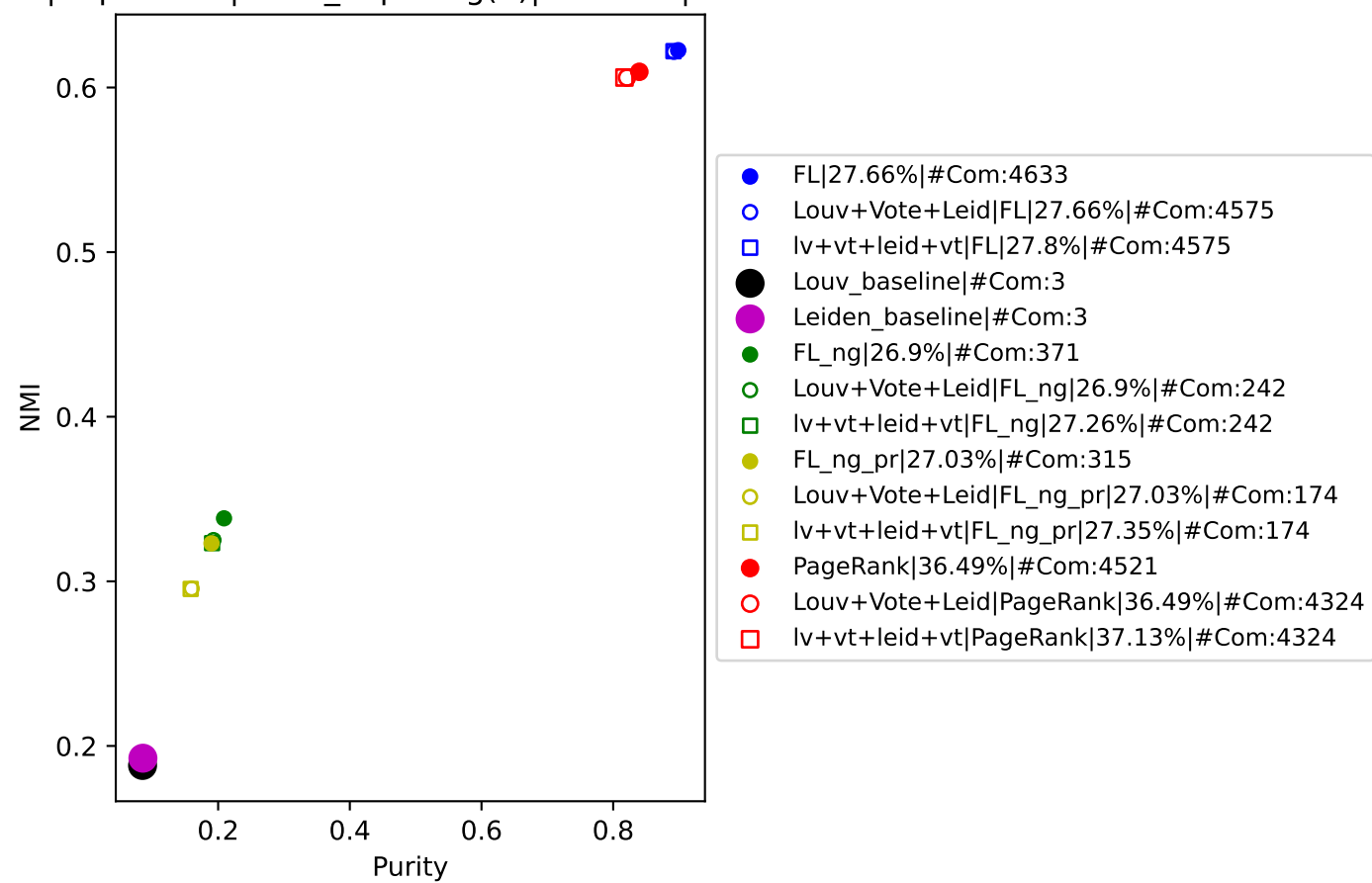
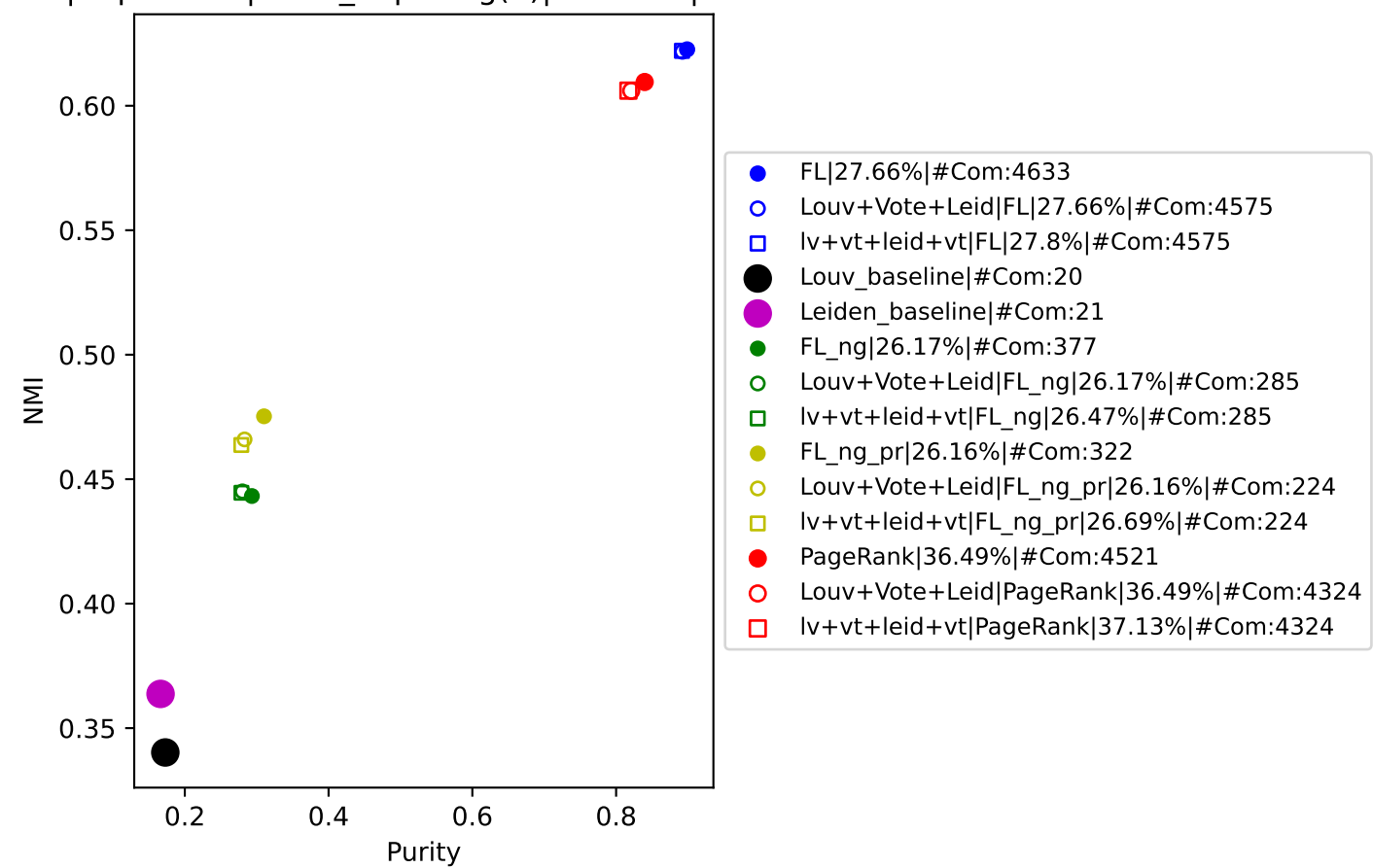


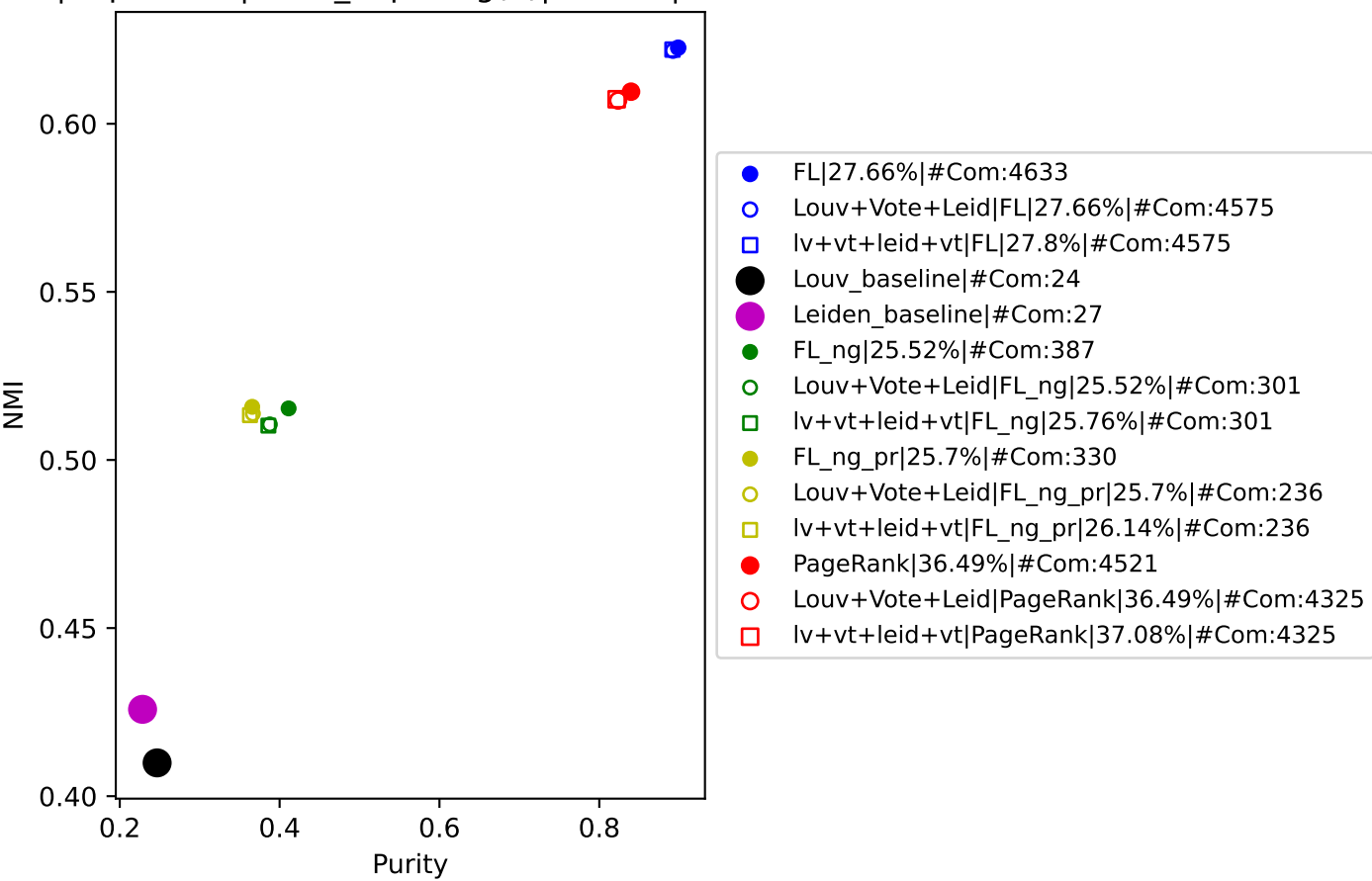
a full | top 20.0%| Num\_hops: log(n)|res: 0.05|#OfComm: 70



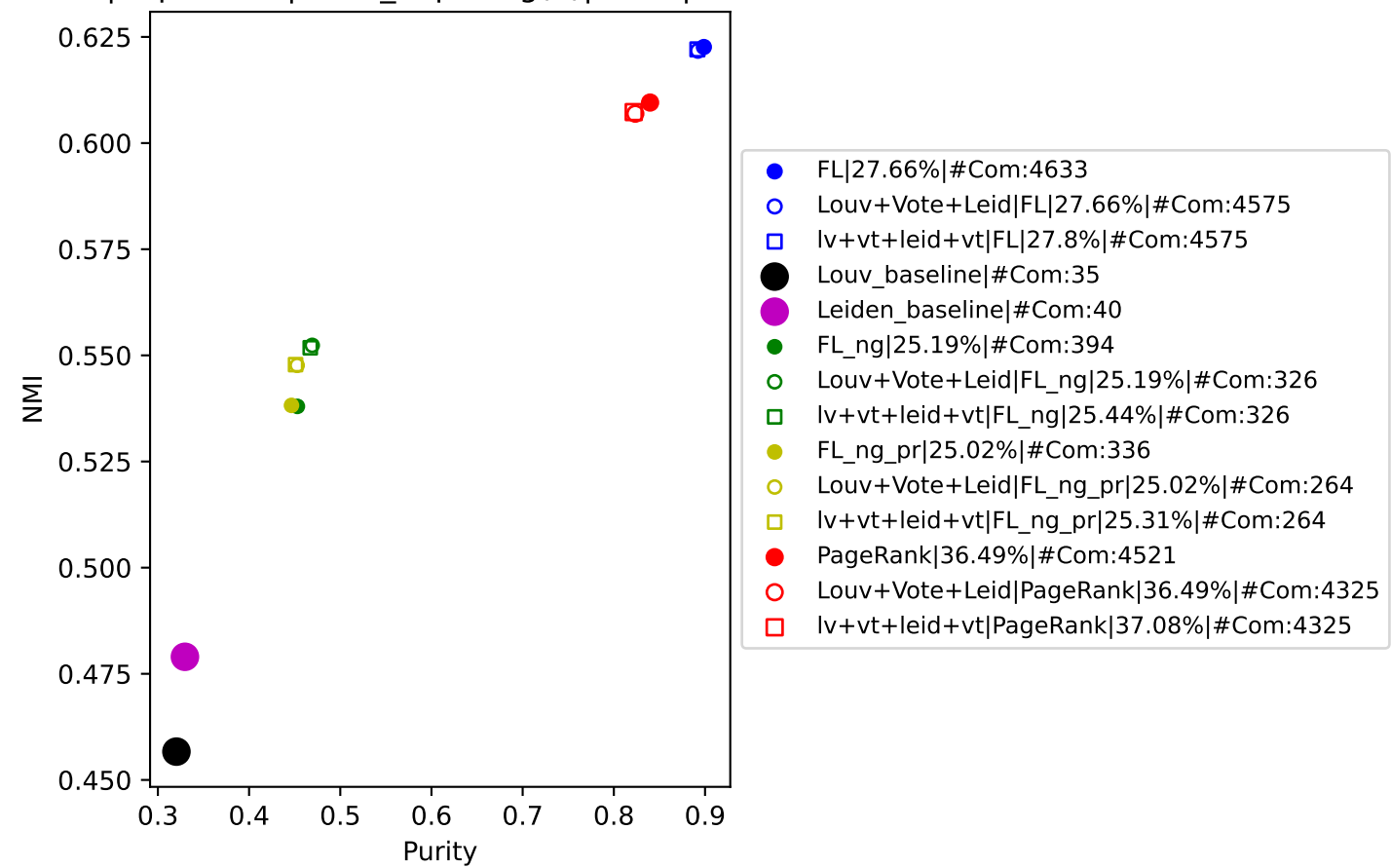
Cora full | top 20.0%| Num\_hops: log(n)|res: 0.25|#OfComm: 70



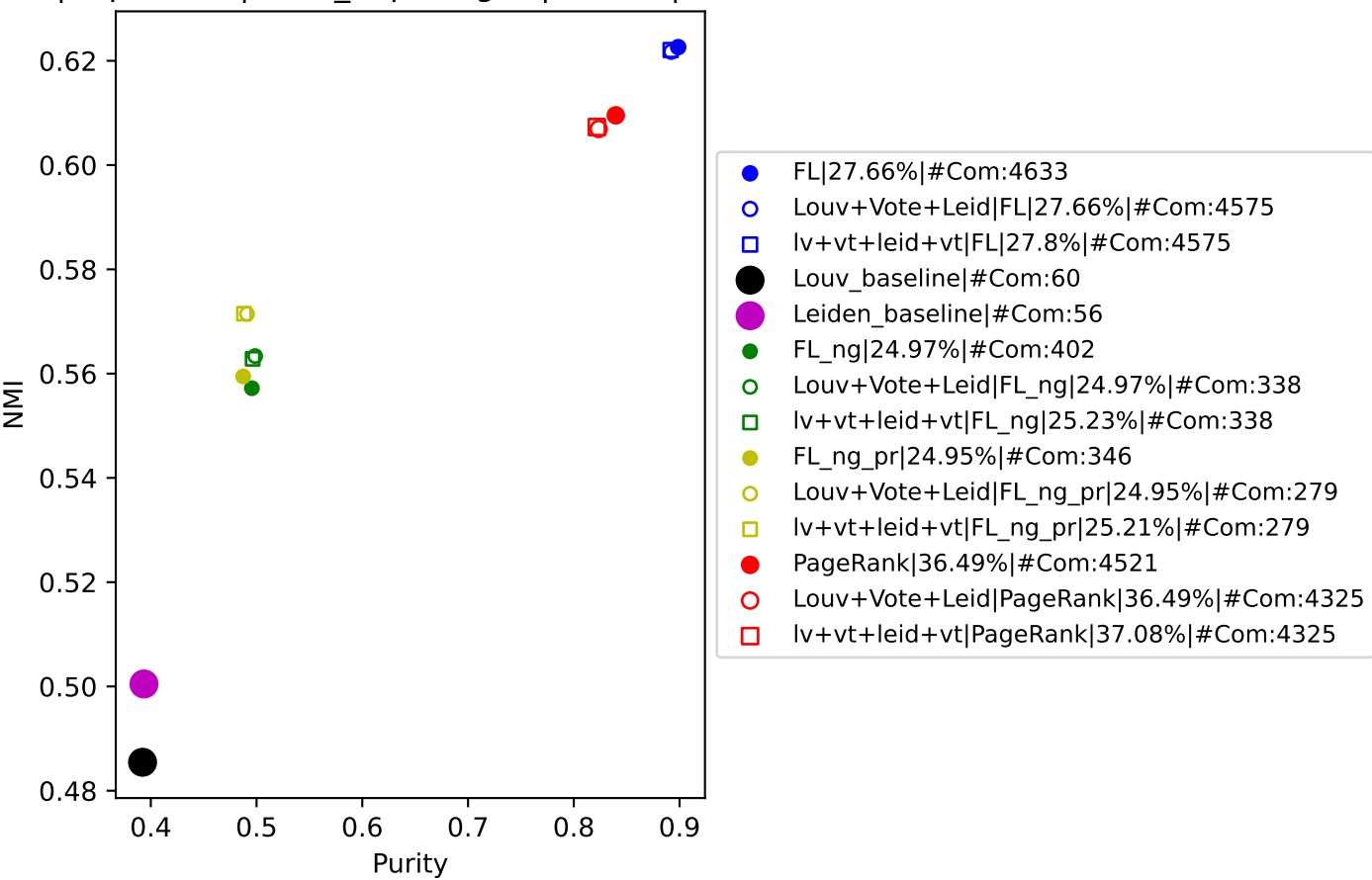
a full | top 20.0%| Num\_hops: log(n)|res: 0.5|#OfComm: 70



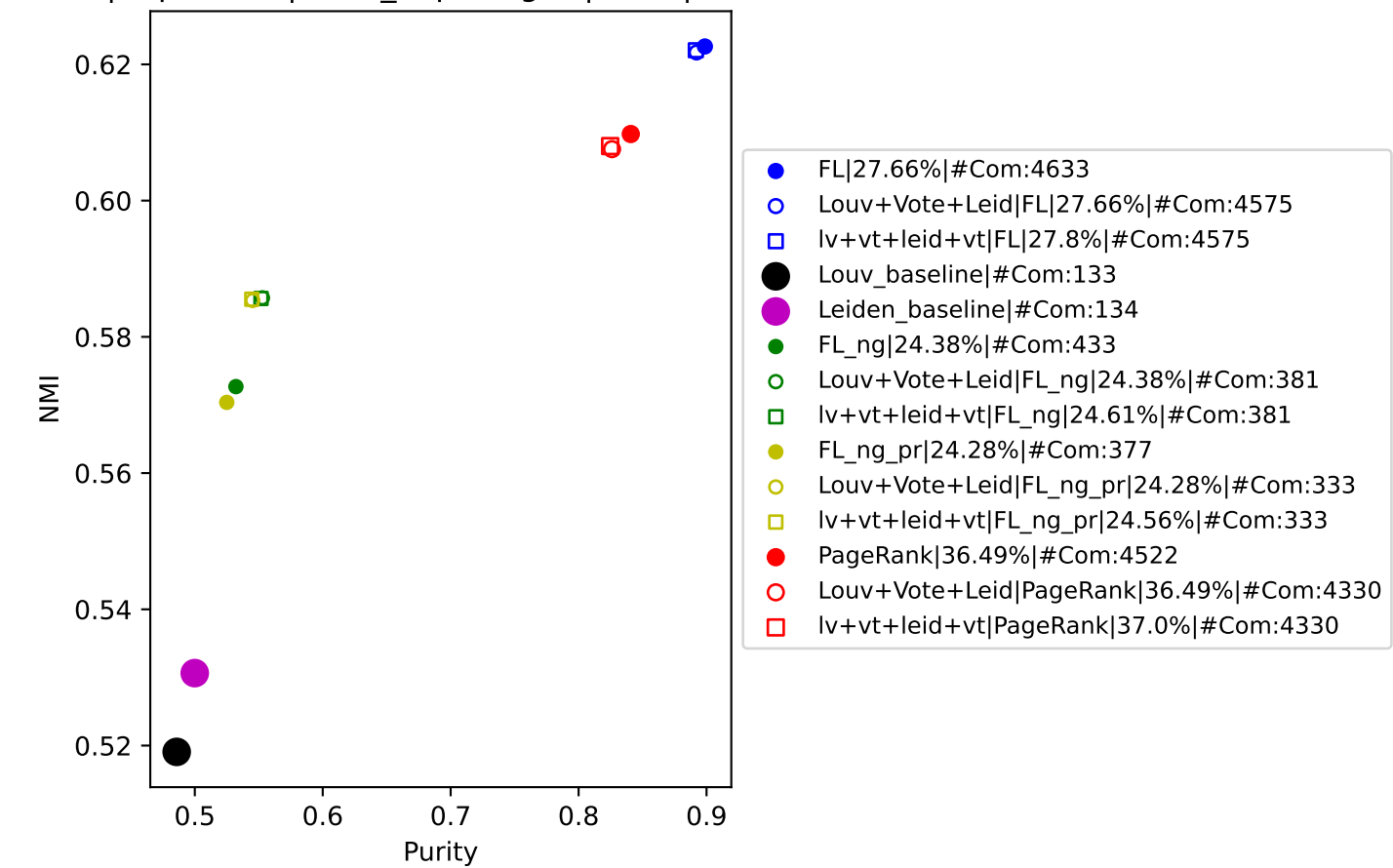
Cora full | top 20.0%| Num\_hops: log(n)|res: 1|#OfComm: 70



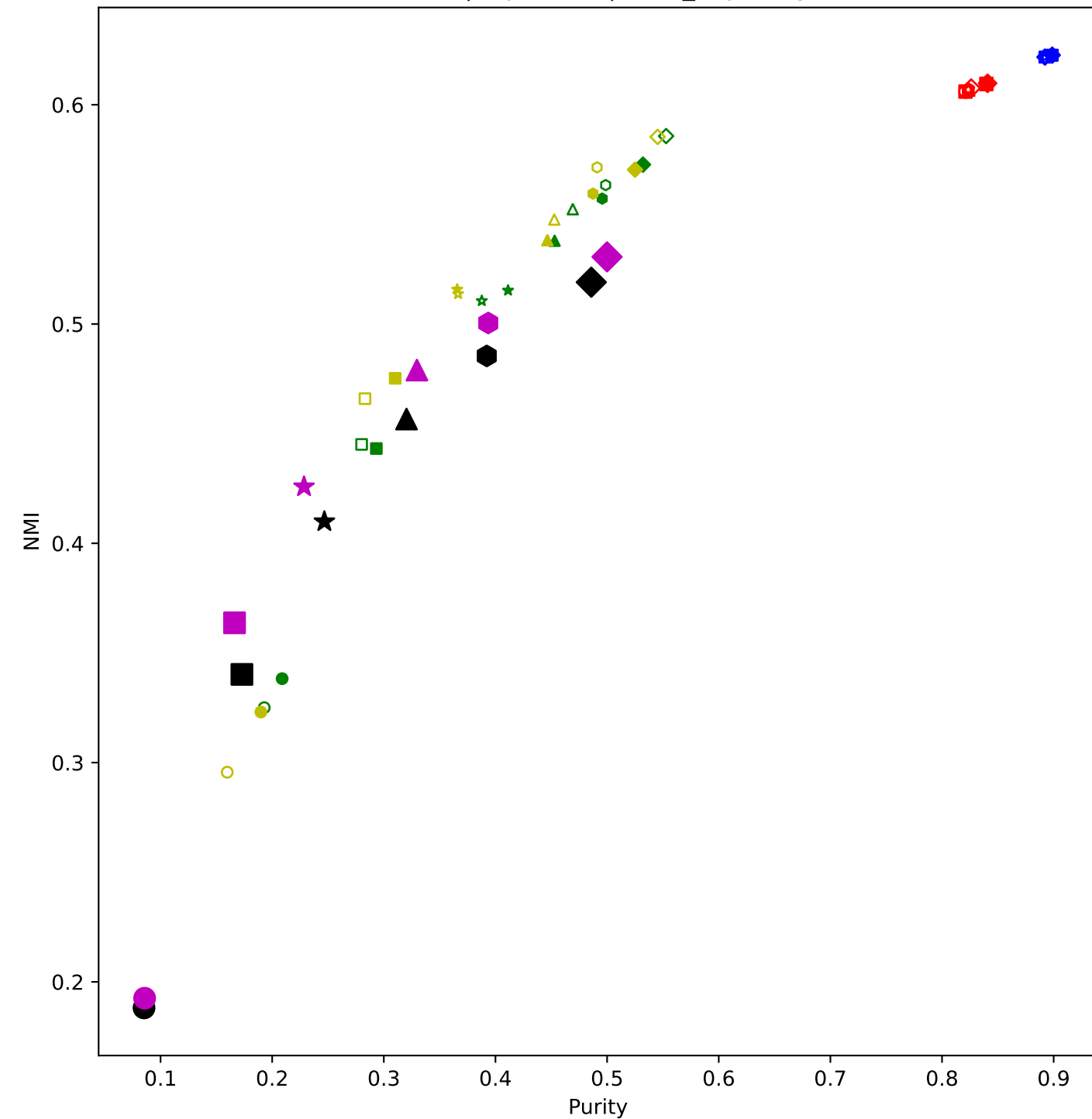
a full | top 20.0%| Num\_hops: log(n)|res: 1.5|#OfComm: 70



Cora full | top 20.0%| Num\_hops: log(n)|res: 5|#OfComm: 70



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



- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| ● FL 0.05 27.66%                      | ▲ FL 1 27.66%                        |
| ○ Louv+Vote+Leid FL 0.05 27.66%       | △ Louv+Vote+Leid FL 1 27.66%         |
| ● Louv_baseline 0.05                  | ▲ Louv_baseline 1                    |
| ● Leiden_baseline 0.05                | ▲ Leiden_baseline 1                  |
| ● FL_ng 0.05 26.9%                    | ▲ FL_ng 1 25.19%                     |
| ○ Louv+Vote+Leid FL_ng 0.05 26.9%     | △ Louv+Vote+Leid FL_ng 1 25.19%      |
| ● FL_ng_pr 0.05 27.03%                | ▲ FL_ng_pr 1 25.02%                  |
| ○ Louv+Vote+Leid FL_ng_pr 0.05 27.03% | △ Louv+Vote+Leid FL_ng_pr 1 25.02%   |
| ● PageRank 0.05 36.49%                | ▲ PageRank 1 36.49%                  |
| ○ Louv+Vote+Leid PageRank 0.05 36.49% | △ Louv+Vote+Leid PageRank 1 36.49%   |
| ■ FL 0.25 27.66%                      | ● FL 1.5 27.66%                      |
| □ Louv+Vote+Leid FL 0.25 27.66%       | ○ Louv+Vote+Leid FL 1.5 27.66%       |
| ■ Louv_baseline 0.25                  | ● Louv_baseline 1.5                  |
| ■ Leiden_baseline 0.25                | ● Leiden_baseline 1.5                |
| ■ FL_ng 0.25 26.17%                   | ● FL_ng 1.5 24.97%                   |
| □ Louv+Vote+Leid FL_ng 0.25 26.17%    | ○ Louv+Vote+Leid FL_ng 1.5 24.97%    |
| ■ FL_ng_pr 0.25 26.16%                | ● FL_ng_pr 1.5 24.95%                |
| □ Louv+Vote+Leid FL_ng_pr 0.25 26.16% | ○ Louv+Vote+Leid FL_ng_pr 1.5 24.95% |
| ■ PageRank 0.25 36.49%                | ● PageRank 1.5 36.49%                |
| □ Louv+Vote+Leid PageRank 0.25 36.49% | ○ Louv+Vote+Leid PageRank 1.5 36.49% |
| ★ FL 0.5 27.66%                       | ◆ FL 5 27.66%                        |
| ★ Louv+Vote+Leid FL 0.5 27.66%        | ◇ Louv+Vote+Leid FL 5 27.66%         |
| ★ Louv_baseline 0.5                   | ◆ Louv_baseline 5                    |
| ★ Leiden_baseline 0.5                 | ◆ Leiden_baseline 5                  |
| ★ FL_ng 0.5 25.52%                    | ◆ FL_ng 5 24.38%                     |
| ★ Louv+Vote+Leid FL_ng 0.5 25.52%     | ◇ Louv+Vote+Leid FL_ng 5 24.38%      |
| ★ FL_ng_pr 0.5 25.7%                  | ◆ FL_ng_pr 5 24.28%                  |
| ★ Louv+Vote+Leid FL_ng_pr 0.5 25.7%   | ◇ Louv+Vote+Leid FL_ng_pr 5 24.28%   |
| ★ PageRank 0.5 36.49%                 | ◆ PageRank 5 36.49%                  |
| ★ Louv+Vote+Leid PageRank 0.5 36.49%  | ◇ Louv+Vote+Leid PageRank 5 36.49%   |