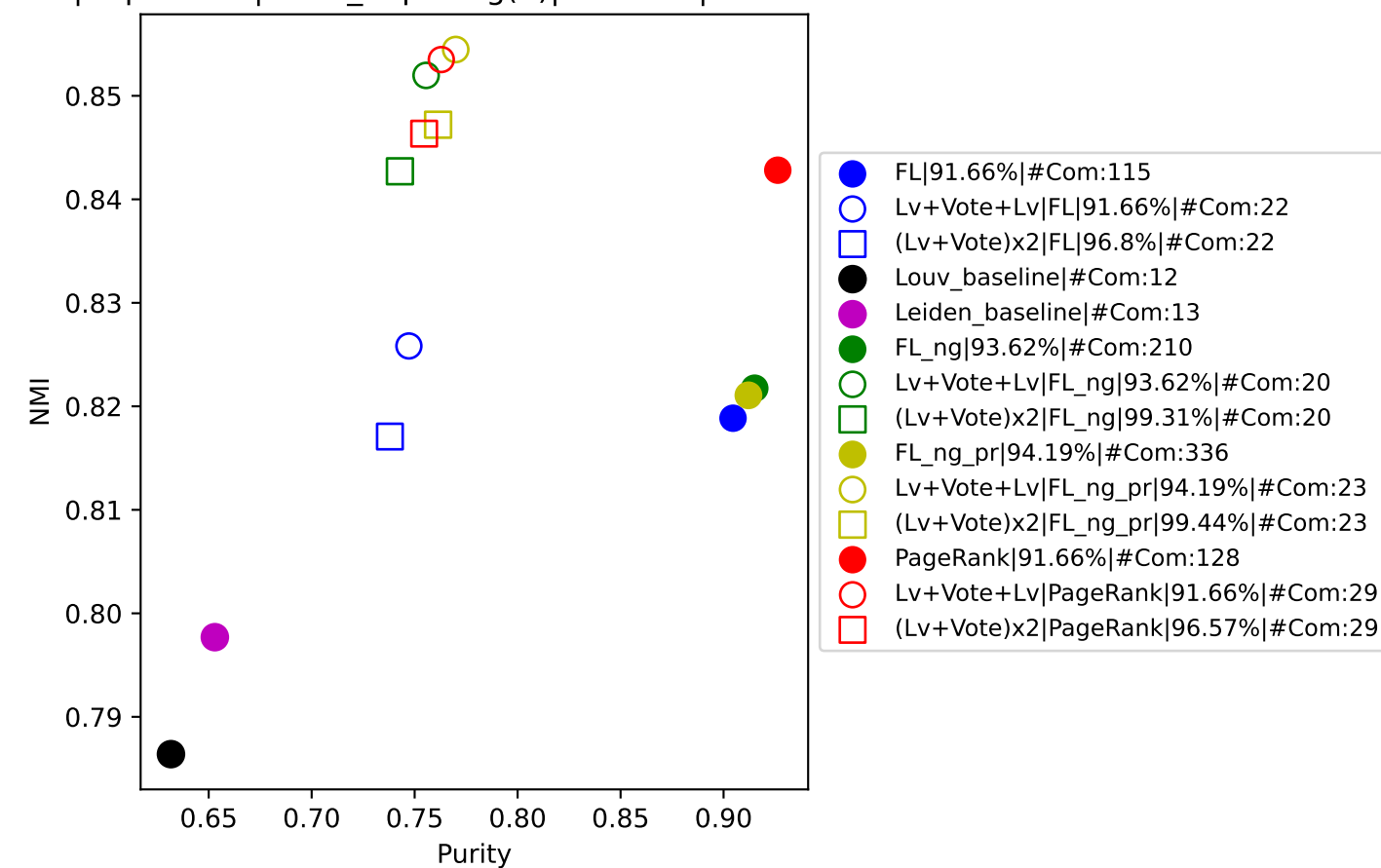
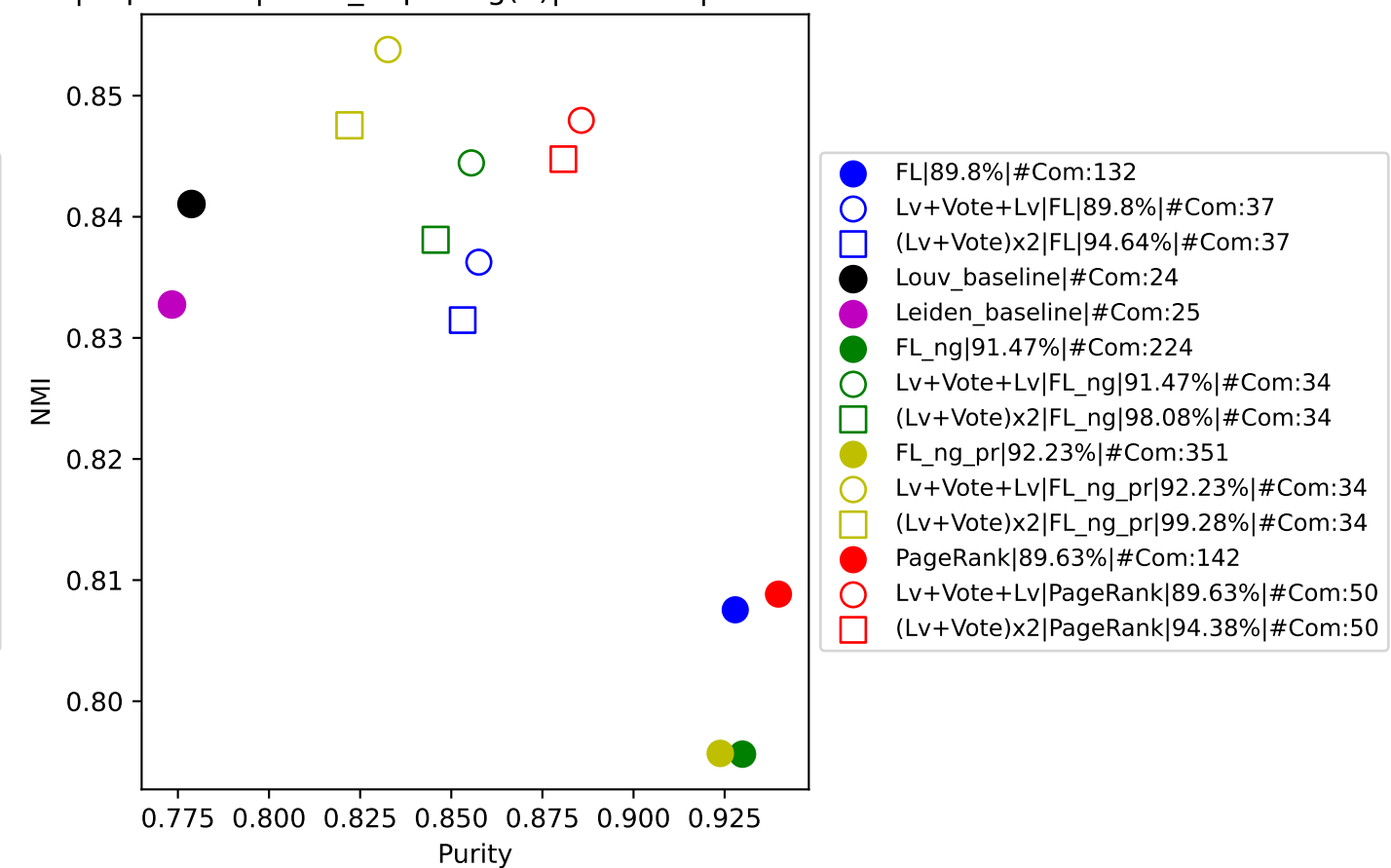


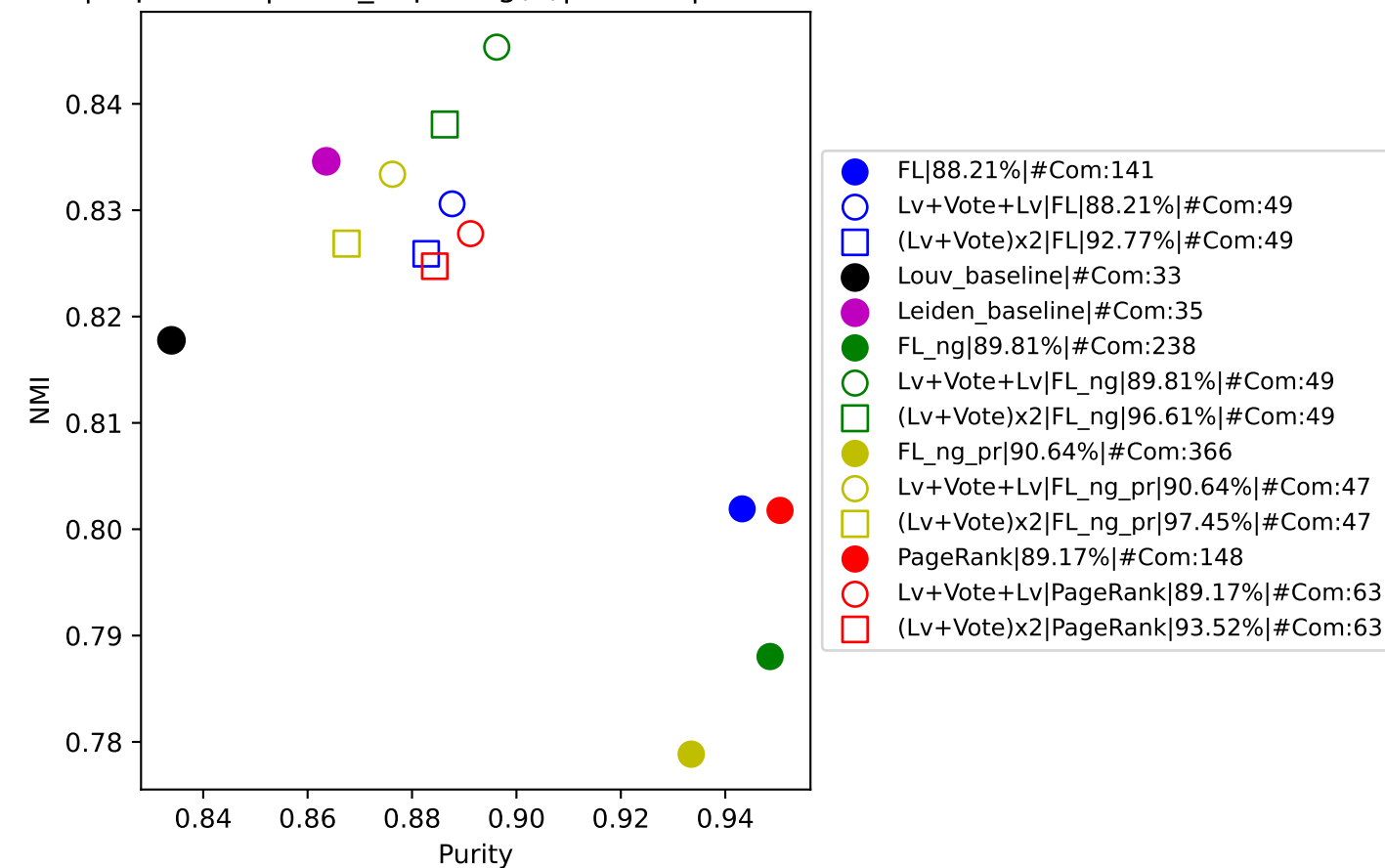
TM | top 20.0%| Num\_hops: log(n)|res: 0.05|#OfComm: 55



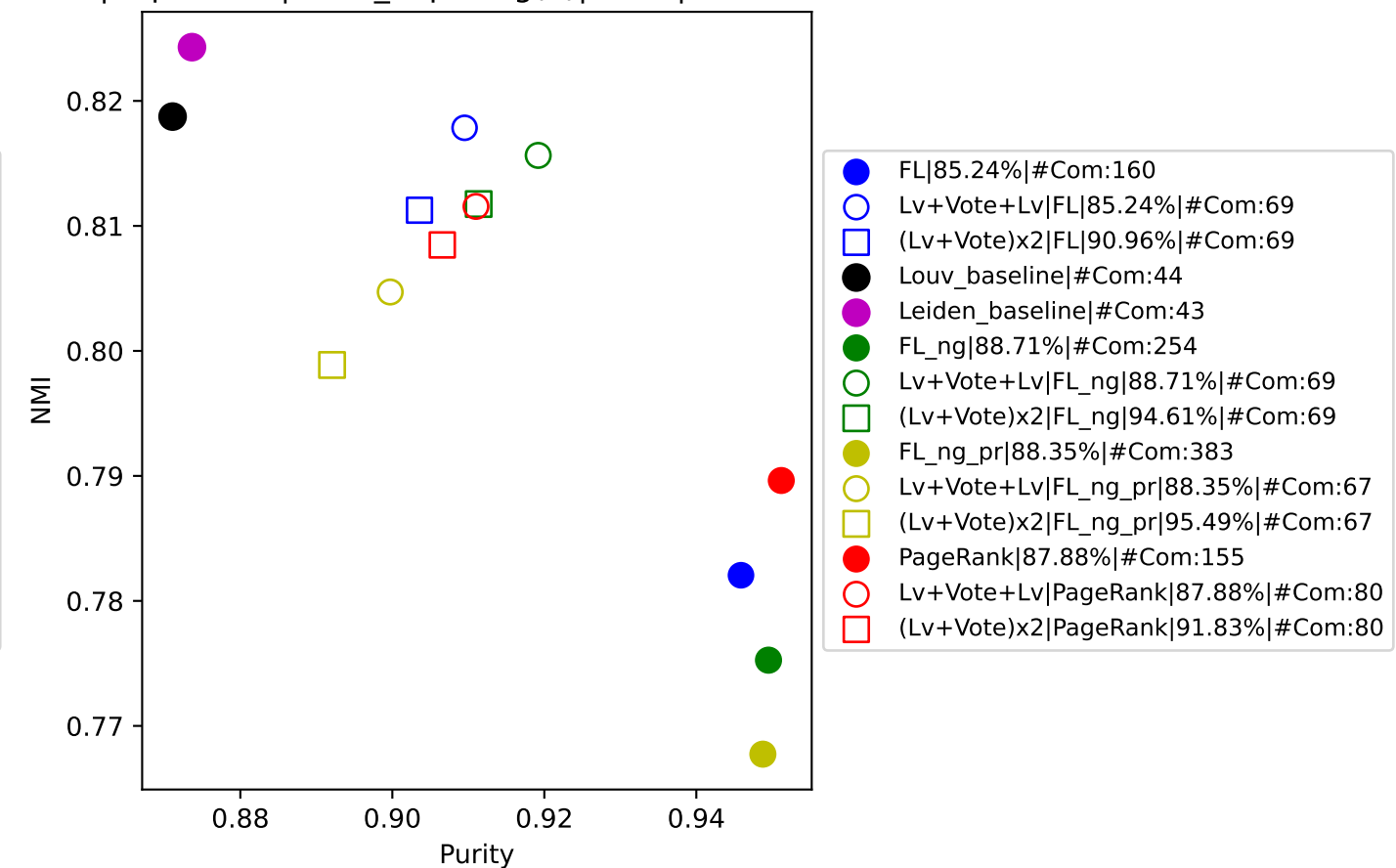
TM | top 20.0%| Num\_hops: log(n)|res: 0.25|#OfComm: 55



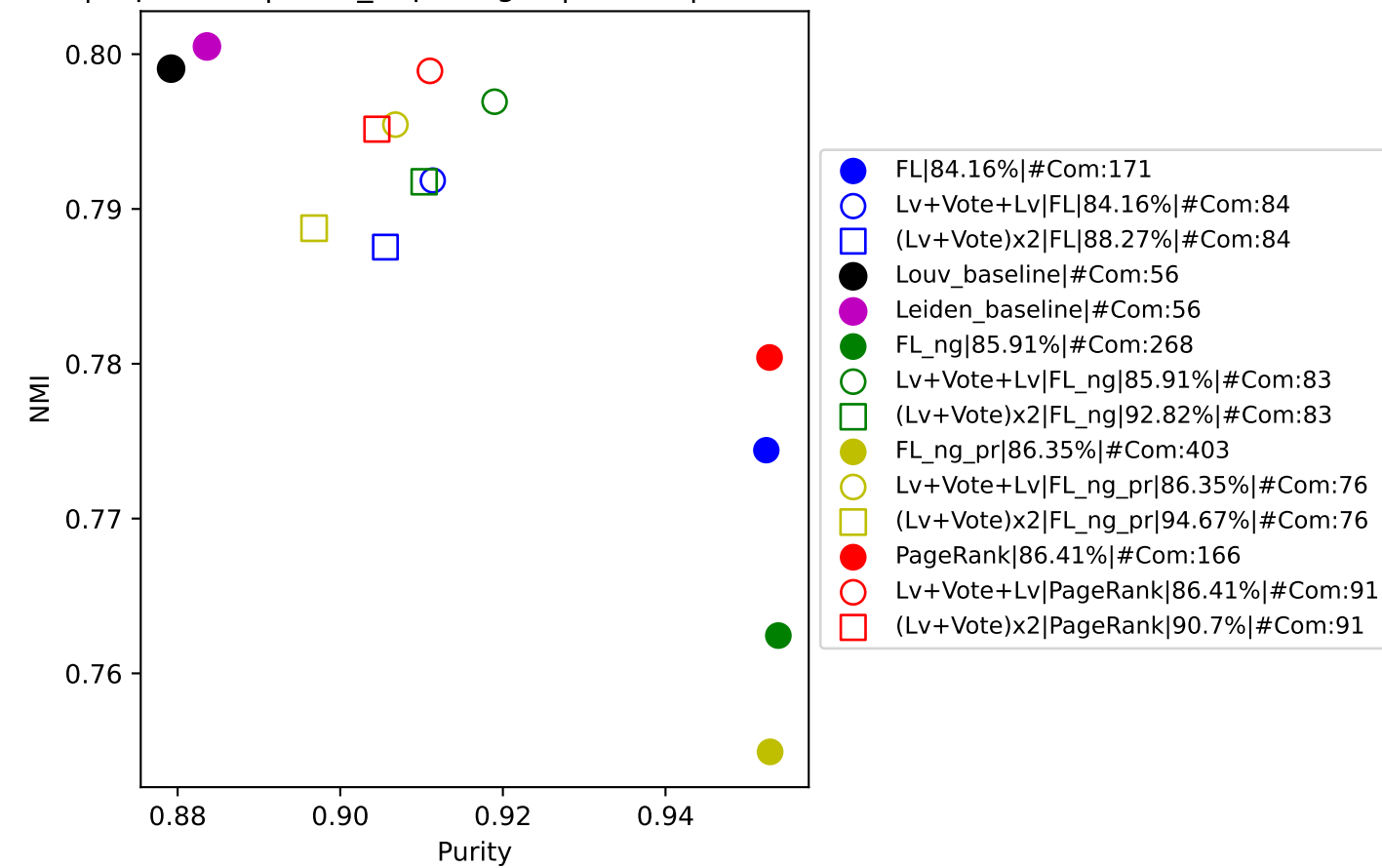
TM | top 20.0%| Num\_hops: log(n)|res: 0.5|#OfComm: 55



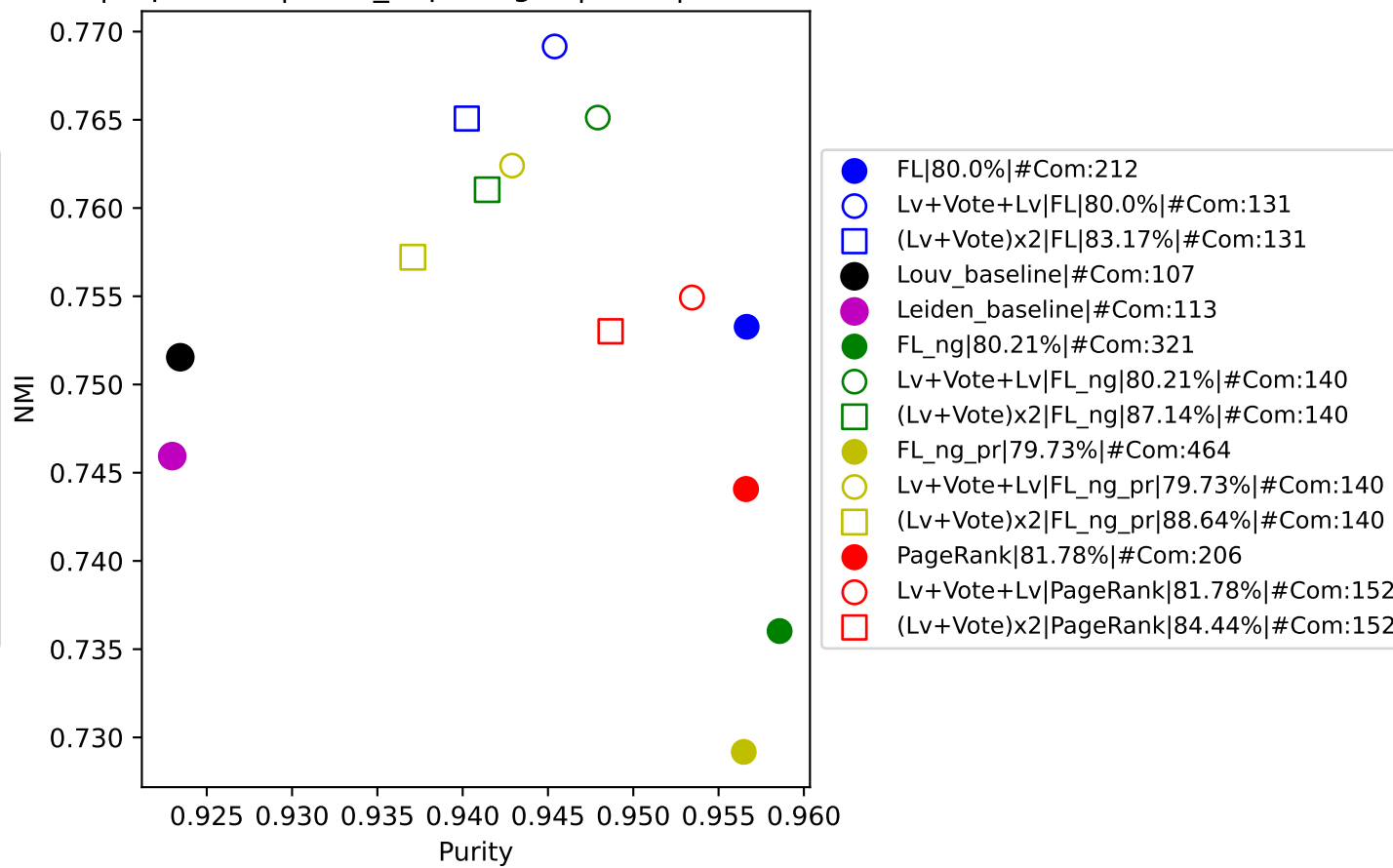
TM | top 20.0%| Num\_hops: log(n)|res: 1|#OfComm: 55



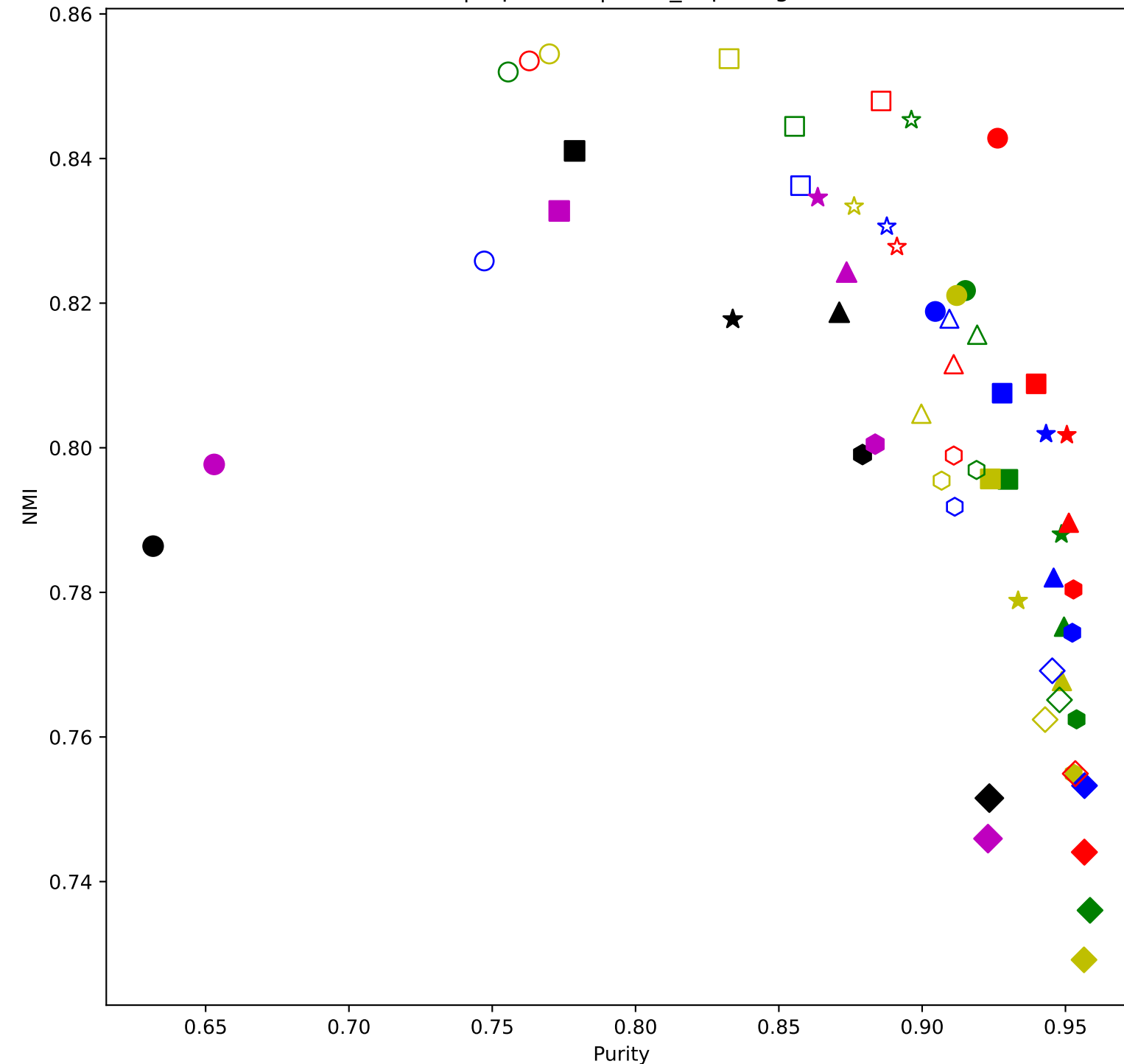
TM | top 20.0%| Num\_hops: log(n)|res: 1.5|#OfComm: 55



TM | top 20.0%| Num\_hops: log(n)|res: 5|#OfComm: 55

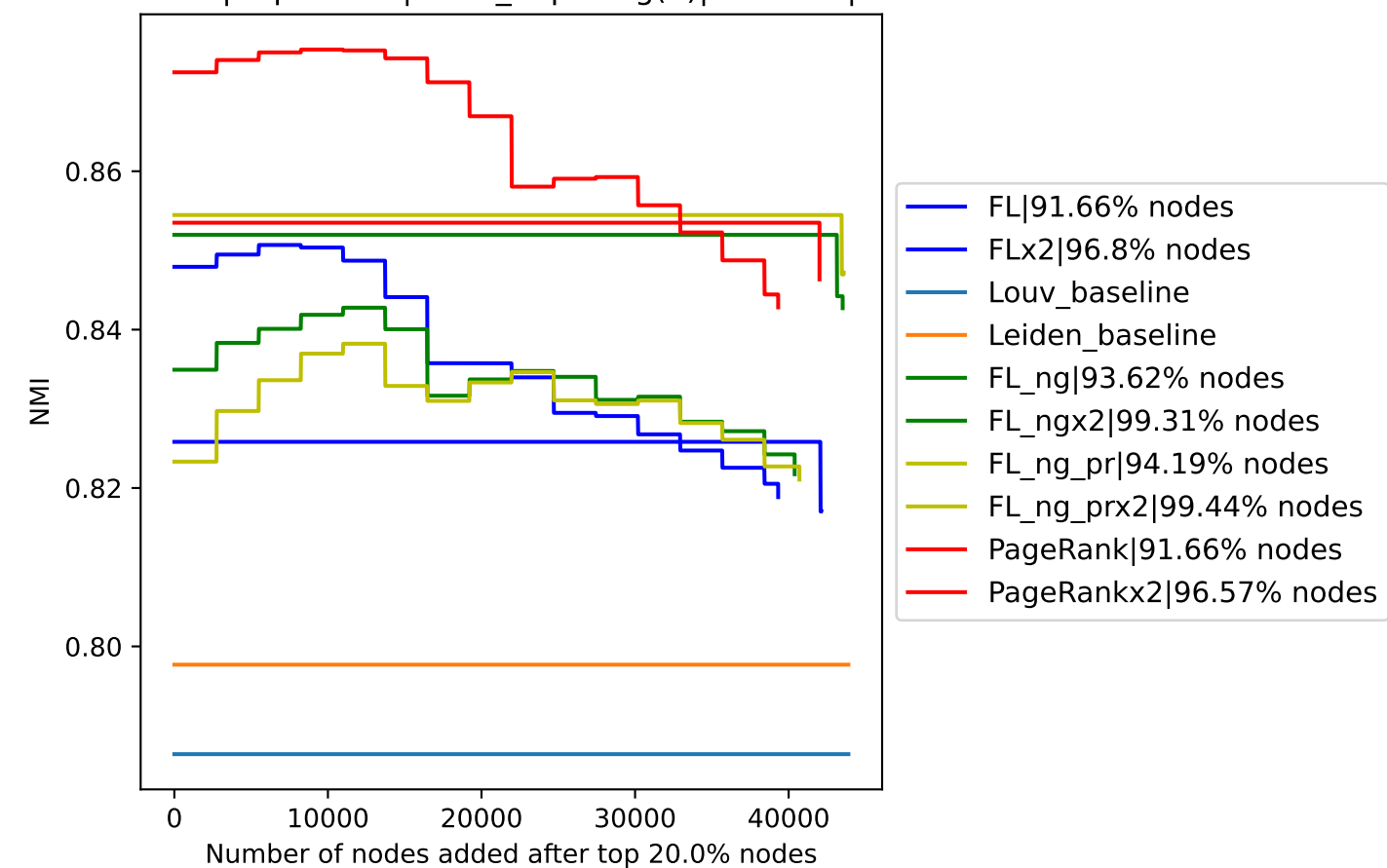


TM | top 20.0%| Num\_hops: log(n)

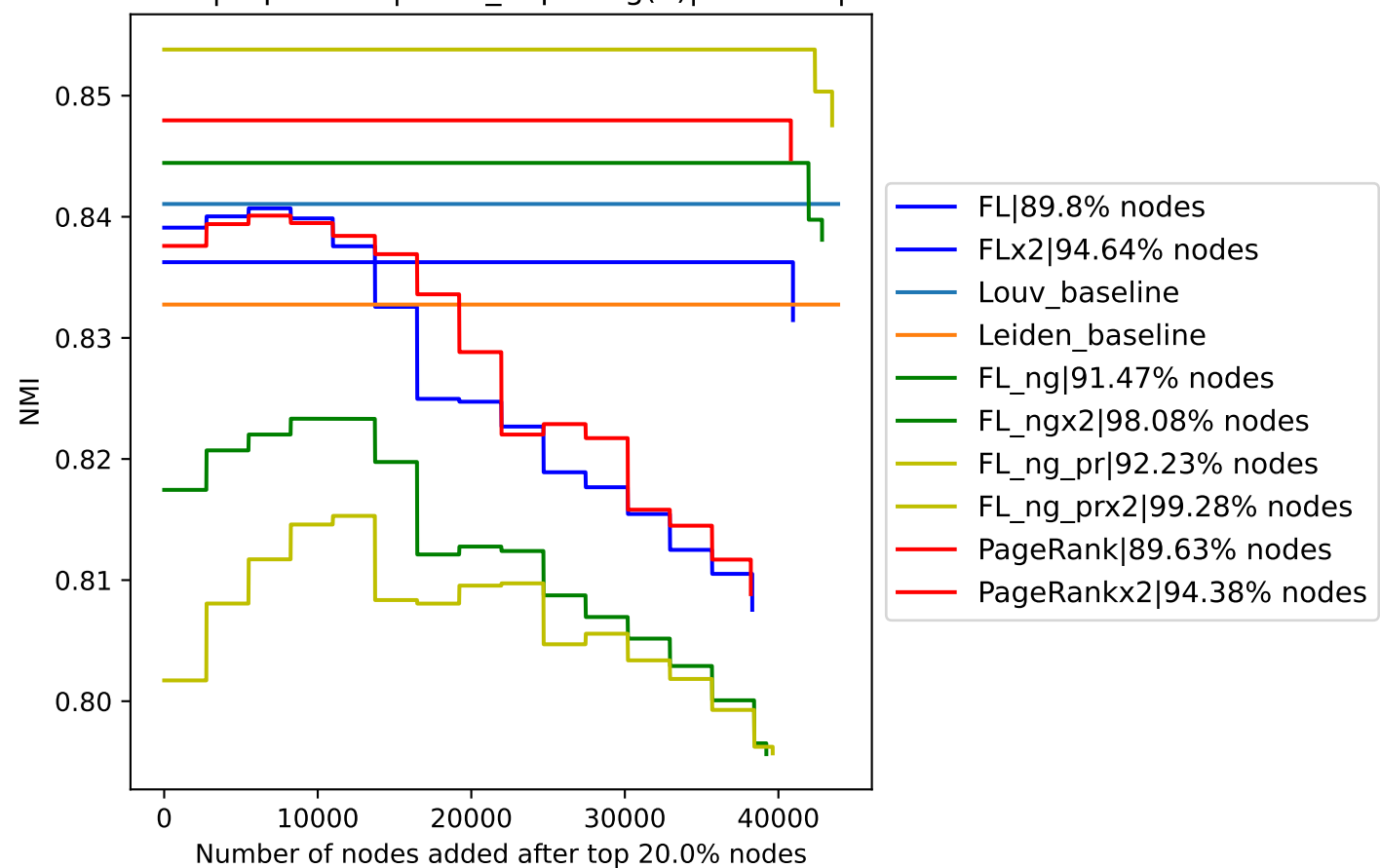


- |                                   |                                  |
|-----------------------------------|----------------------------------|
| ● FL 0.05 91.66%                  | ▲ FL 1 85.24%                    |
| ○ Lv+Vote+Lv FL 0.05 91.66%       | △ Lv+Vote+Lv FL 1 85.24%         |
| ● Louv_baseline 0.05              | ▲ Louv_baseline 1                |
| ● Leiden_baseline 0.05            | ▲ Leiden_baseline 1              |
| ● FL_ng 0.05 93.62%               | ▲ FL_ng 1 88.71%                 |
| ○ Lv+Vote+Lv FL_ng 0.05 93.62%    | △ Lv+Vote+Lv FL_ng 1 88.71%      |
| ● FL_ng_pr 0.05 94.19%            | ▲ FL_ng_pr 1 88.35%              |
| ○ Lv+Vote+Lv FL_ng_pr 0.05 94.19% | △ Lv+Vote+Lv FL_ng_pr 1 88.35%   |
| ● PageRank 0.05 91.66%            | ▲ PageRank 1 87.88%              |
| ○ Lv+Vote+Lv PageRank 0.05 91.66% | △ Lv+Vote+Lv PageRank 1 87.88%   |
| ■ FL 0.25 89.8%                   | ● FL 1.5 84.16%                  |
| □ Lv+Vote+Lv FL 0.25 89.8%        | ○ Lv+Vote+Lv FL 1.5 84.16%       |
| ■ Louv_baseline 0.25              | ● Louv_baseline 1.5              |
| ■ Leiden_baseline 0.25            | ● Leiden_baseline 1.5            |
| ■ FL_ng 0.25 91.47%               | ● FL_ng 1.5 85.91%               |
| □ Lv+Vote+Lv FL_ng 0.25 91.47%    | ○ Lv+Vote+Lv FL_ng 1.5 85.91%    |
| ■ FL_ng_pr 0.25 92.23%            | ● FL_ng_pr 1.5 86.35%            |
| □ Lv+Vote+Lv FL_ng_pr 0.25 92.23% | ○ Lv+Vote+Lv FL_ng_pr 1.5 86.35% |
| ■ PageRank 0.25 89.63%            | ● PageRank 1.5 86.41%            |
| □ Lv+Vote+Lv PageRank 0.25 89.63% | ○ Lv+Vote+Lv PageRank 1.5 86.41% |
| ★ FL 0.5 88.21%                   | ◆ FL 5 80.0%                     |
| ☆ Lv+Vote+Lv FL 0.5 88.21%        | ◇ Lv+Vote+Lv FL 5 80.0%          |
| ★ Louv_baseline 0.5               | ◆ Louv_baseline 5                |
| ☆ Leiden_baseline 0.5             | ◆ Leiden_baseline 5              |
| ★ FL_ng 0.5 89.81%                | ◆ FL_ng 5 80.21%                 |
| ☆ Lv+Vote+Lv FL_ng 0.5 89.81%     | ◇ Lv+Vote+Lv FL_ng 5 80.21%      |
| ★ FL_ng_pr 0.5 90.64%             | ◆ FL_ng_pr 5 79.73%              |
| ☆ Lv+Vote+Lv FL_ng_pr 0.5 90.64%  | ◇ Lv+Vote+Lv FL_ng_pr 5 79.73%   |
| ★ PageRank 0.5 89.17%             | ◆ PageRank 5 81.78%              |
| ☆ Lv+Vote+Lv PageRank 0.5 89.17%  | ◇ Lv+Vote+Lv PageRank 5 81.78%   |

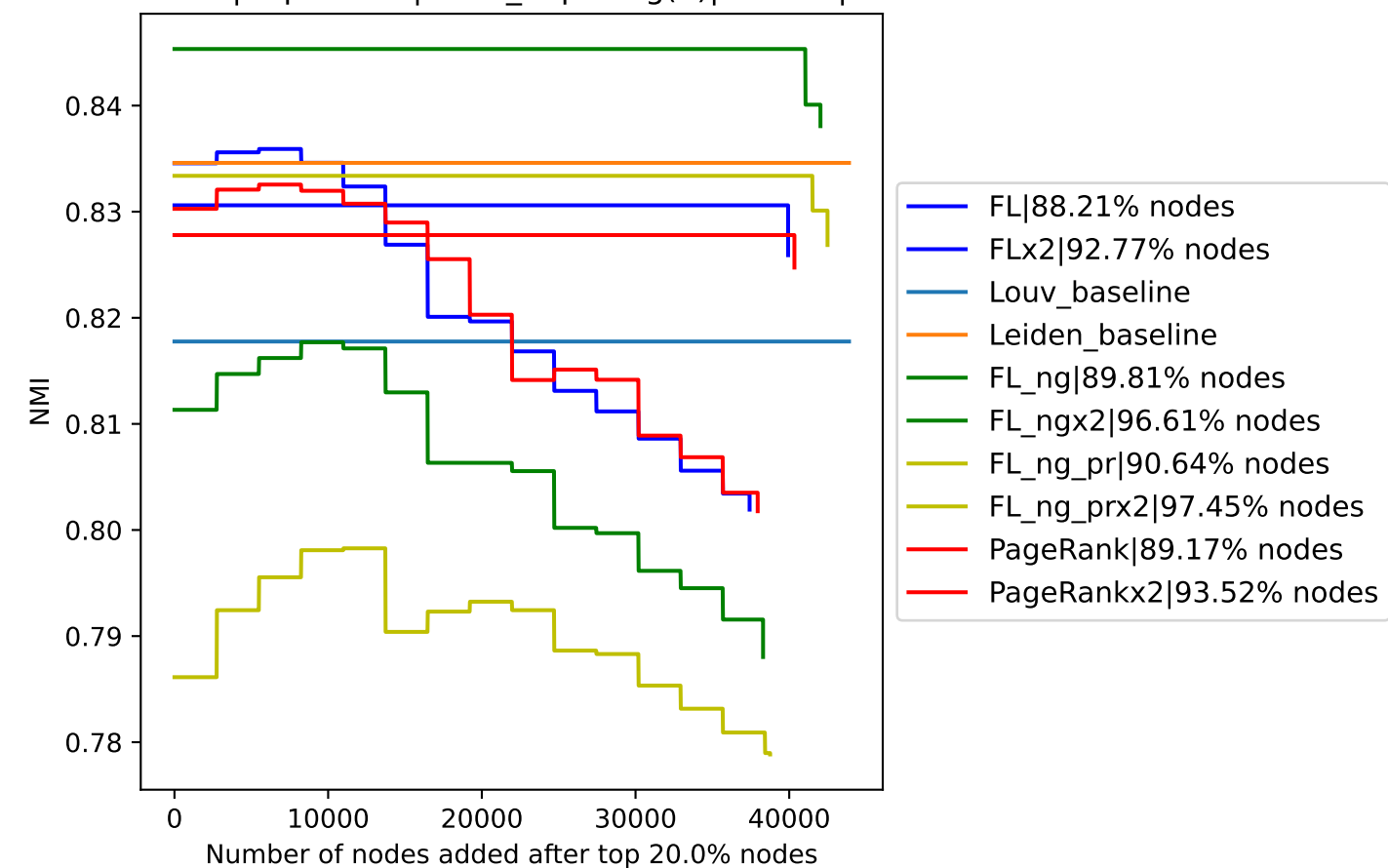
TM | top 20.0%| Num\_hops: log(n)|res: 0.05|



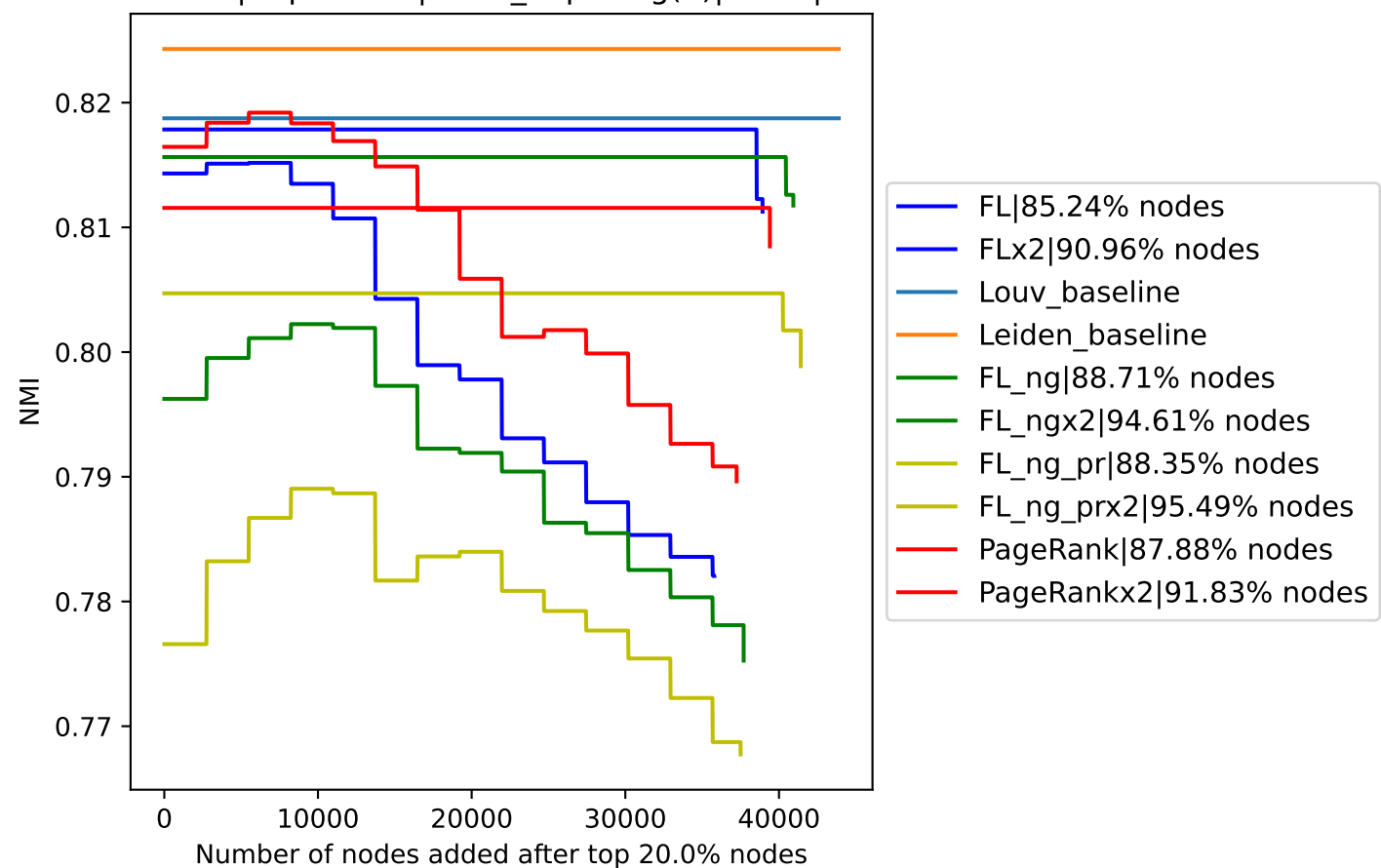
TM | top 20.0%| Num\_hops: log(n)|res: 0.25|



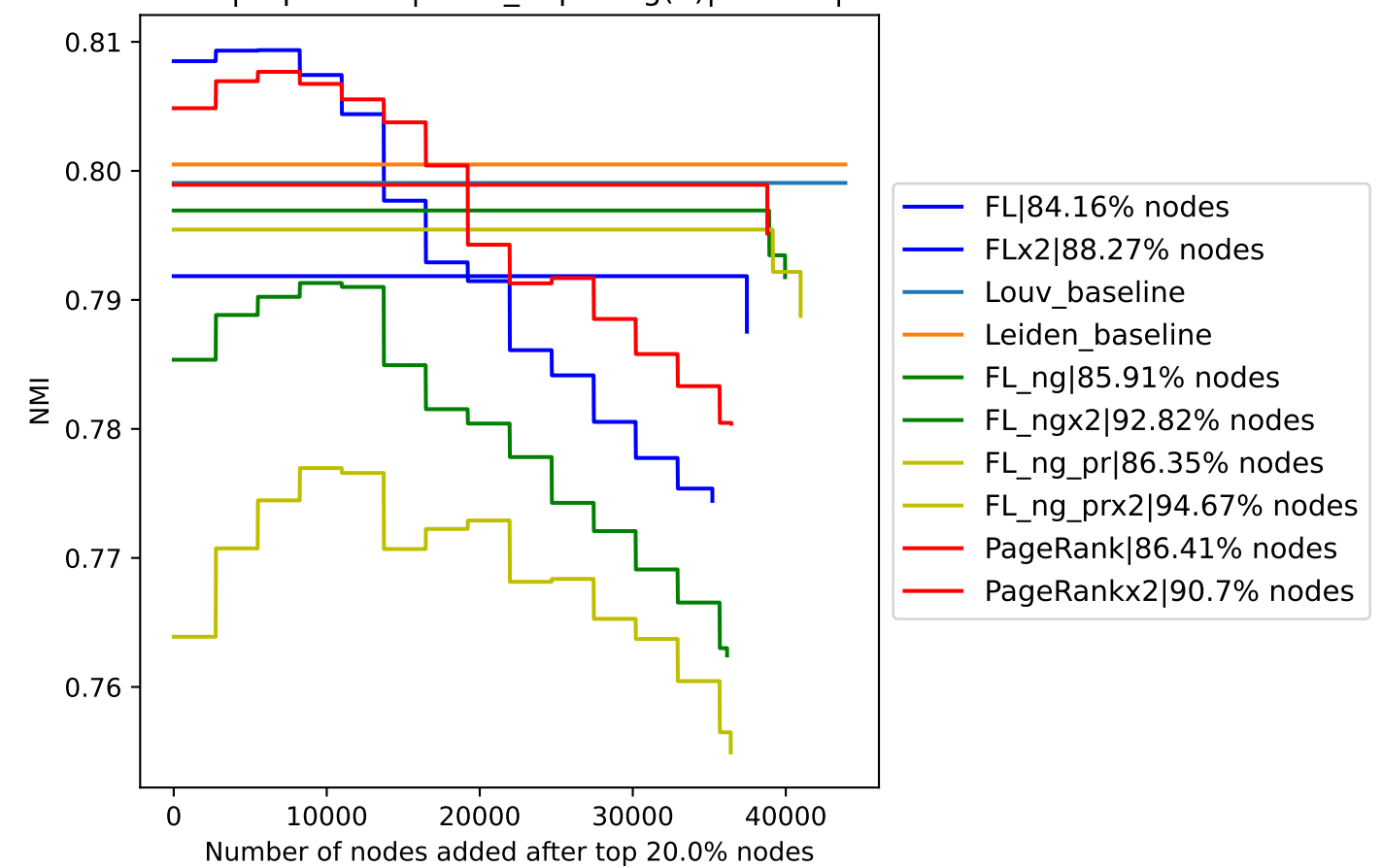
TM | top 20.0%| Num\_hops: log(n)|res: 0.5|



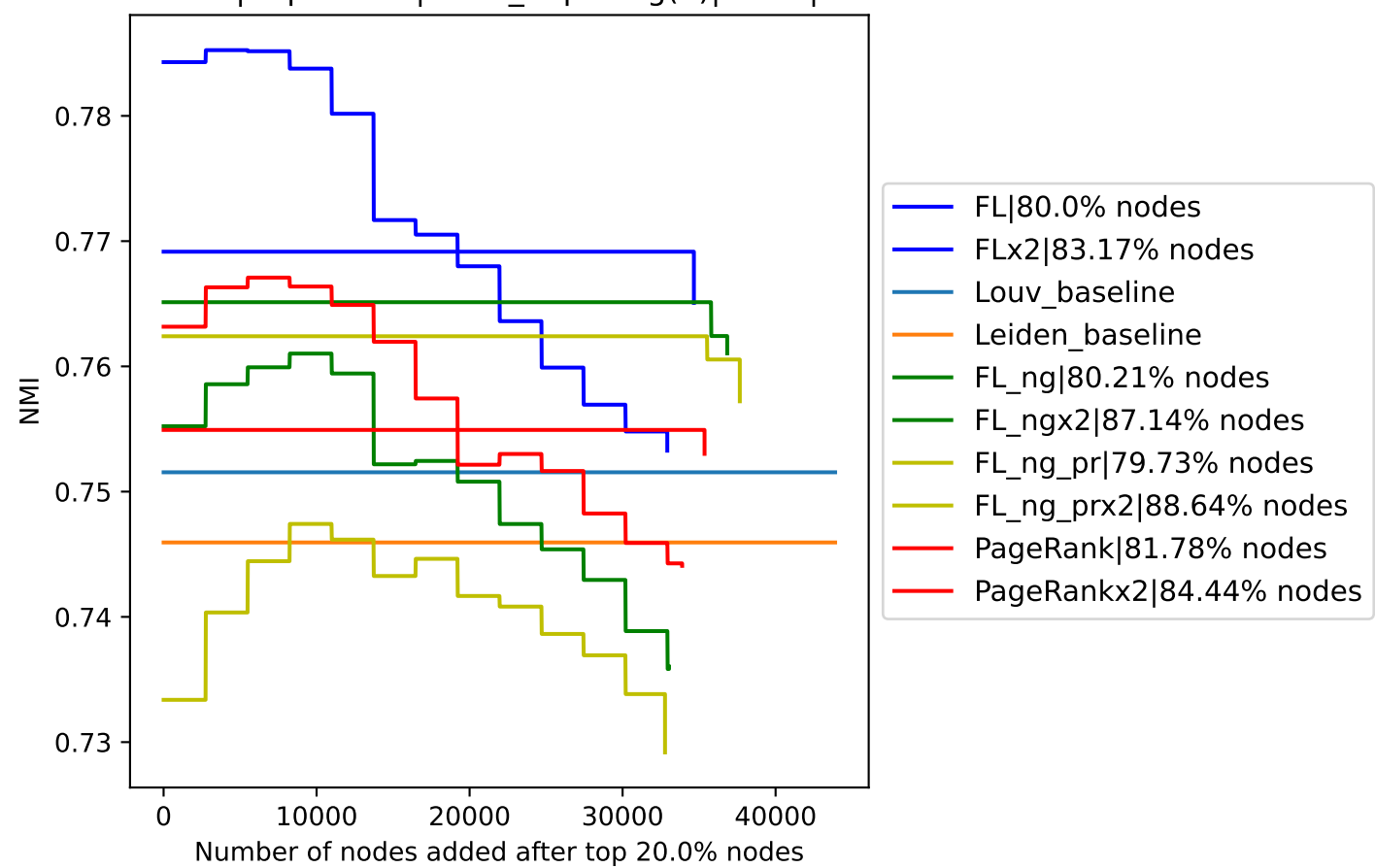
TM | top 20.0%| Num\_hops: log(n)|res: 1|



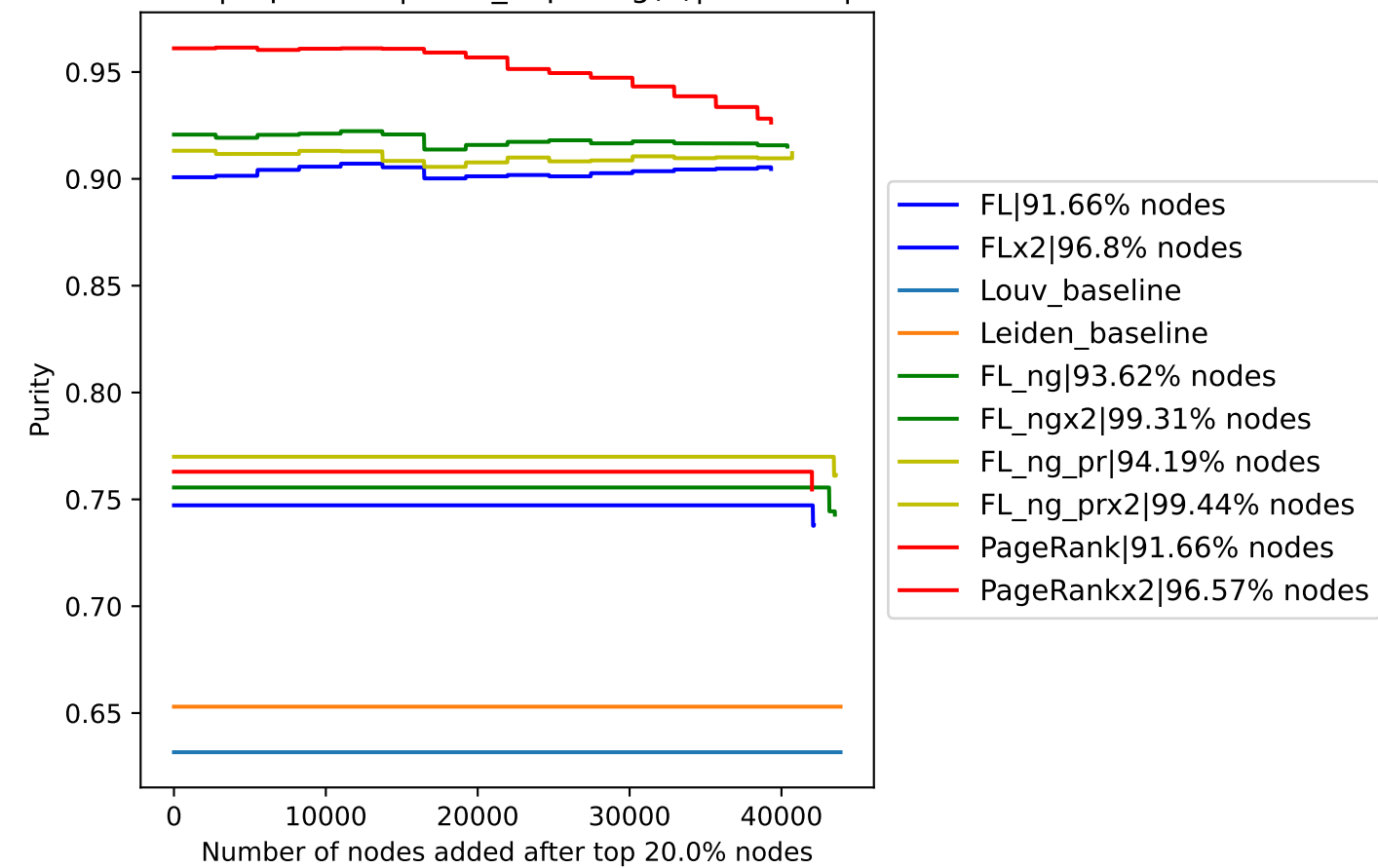
TM | top 20.0%| Num\_hops: log(n)|res: 1.5|



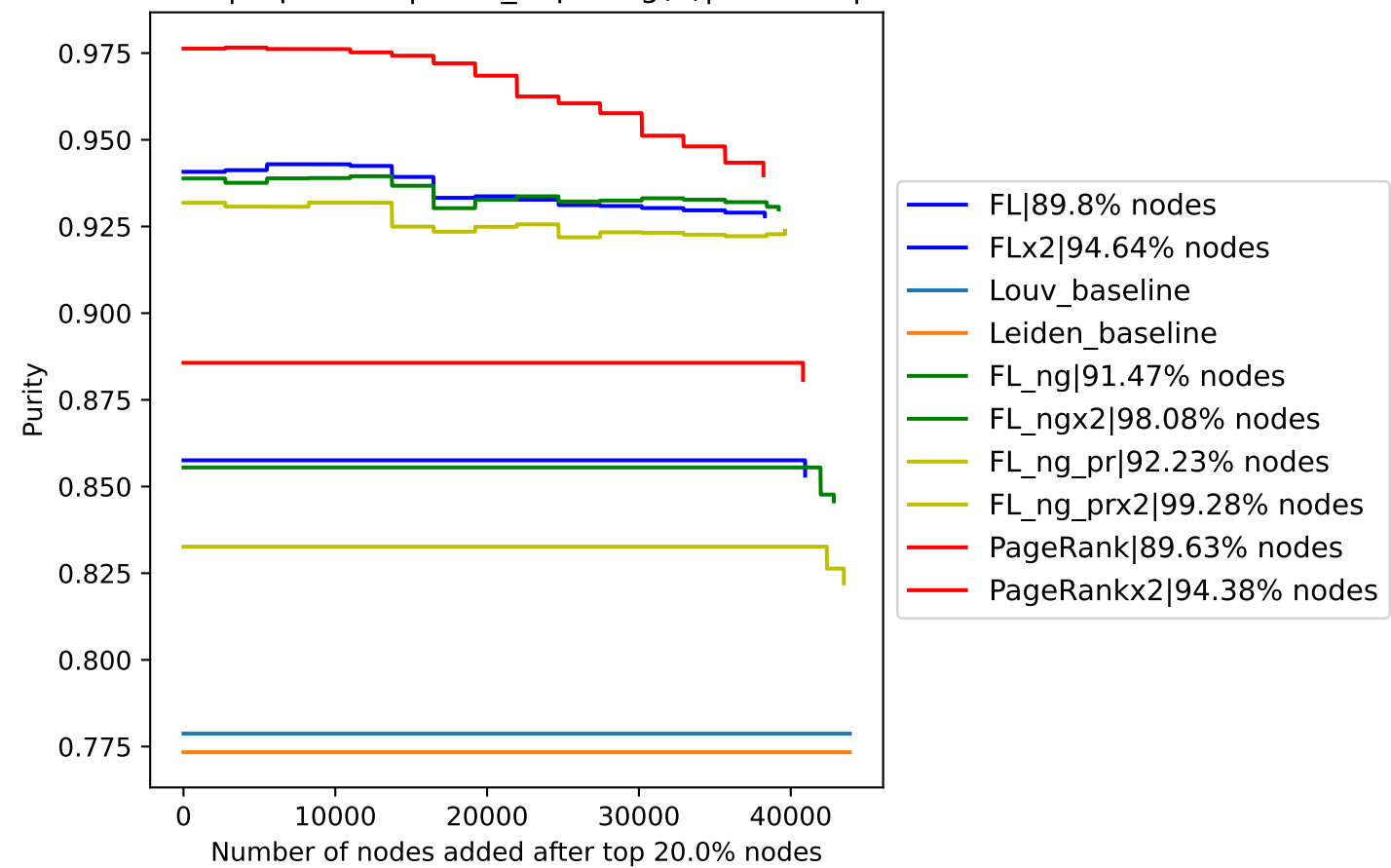
TM | top 20.0%| Num\_hops: log(n)|res: 5|



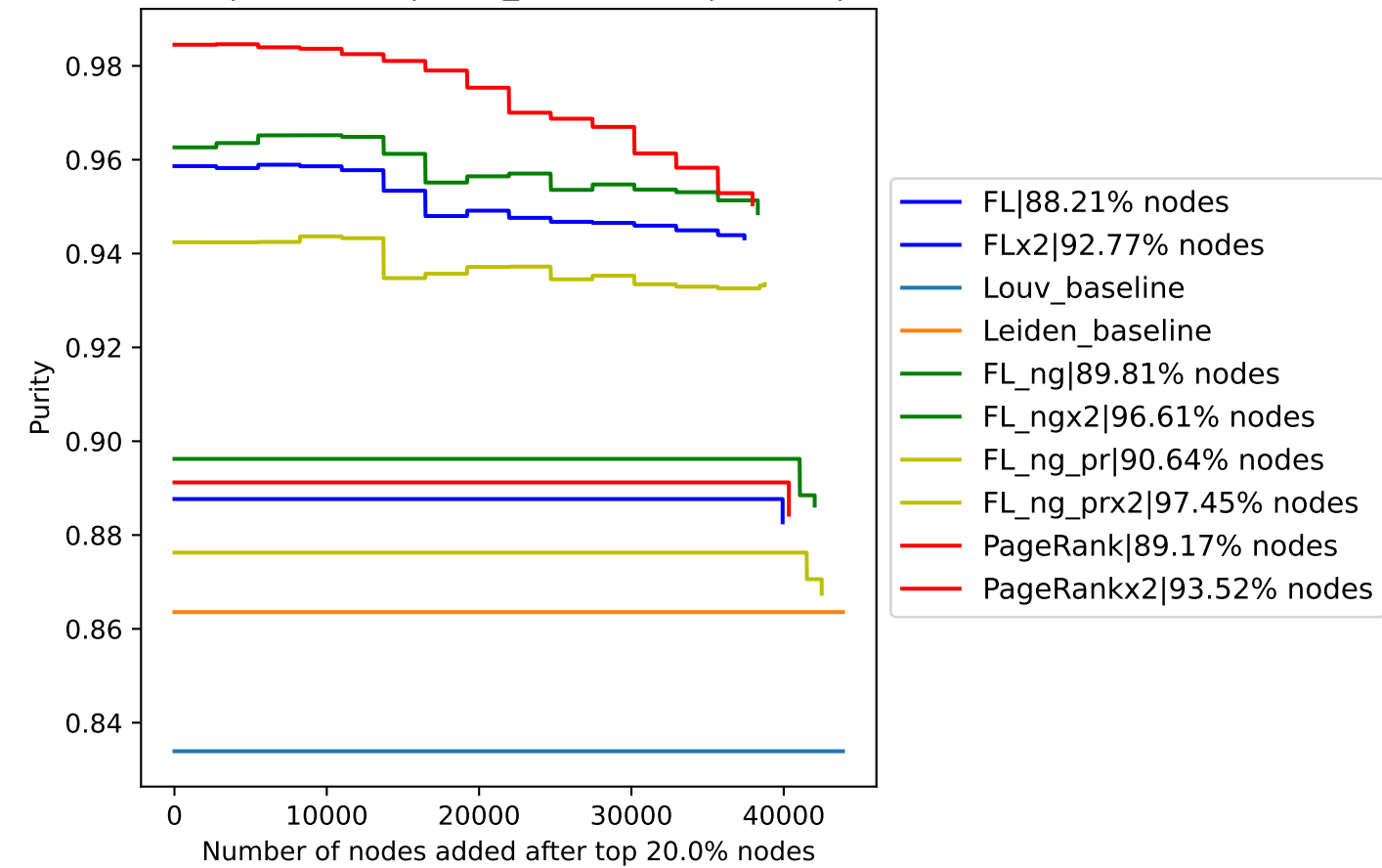
TM | top 20.0%| Num\_hops: log(n)|res: 0.05|



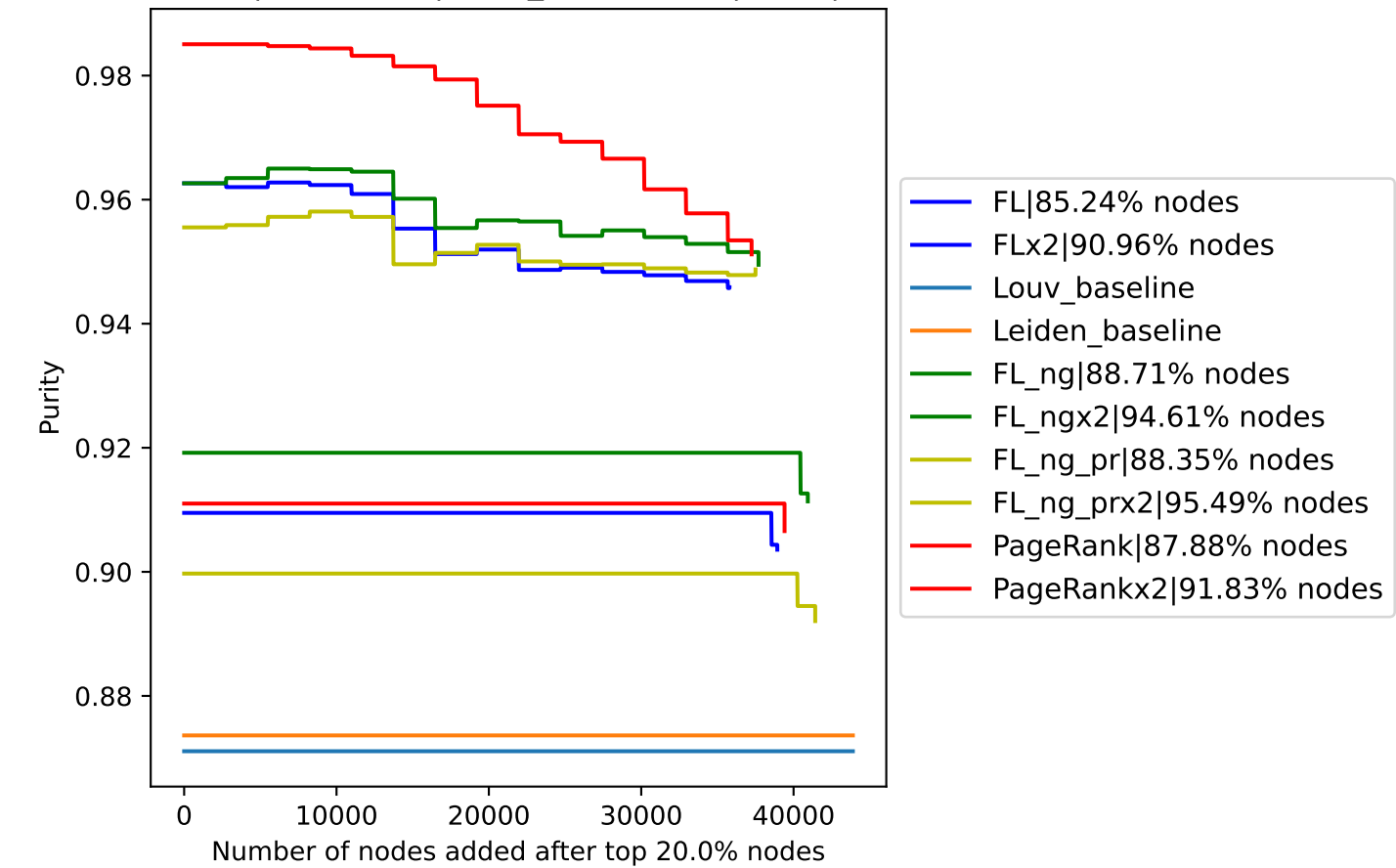
TM | top 20.0%| Num\_hops: log(n)|res: 0.25|



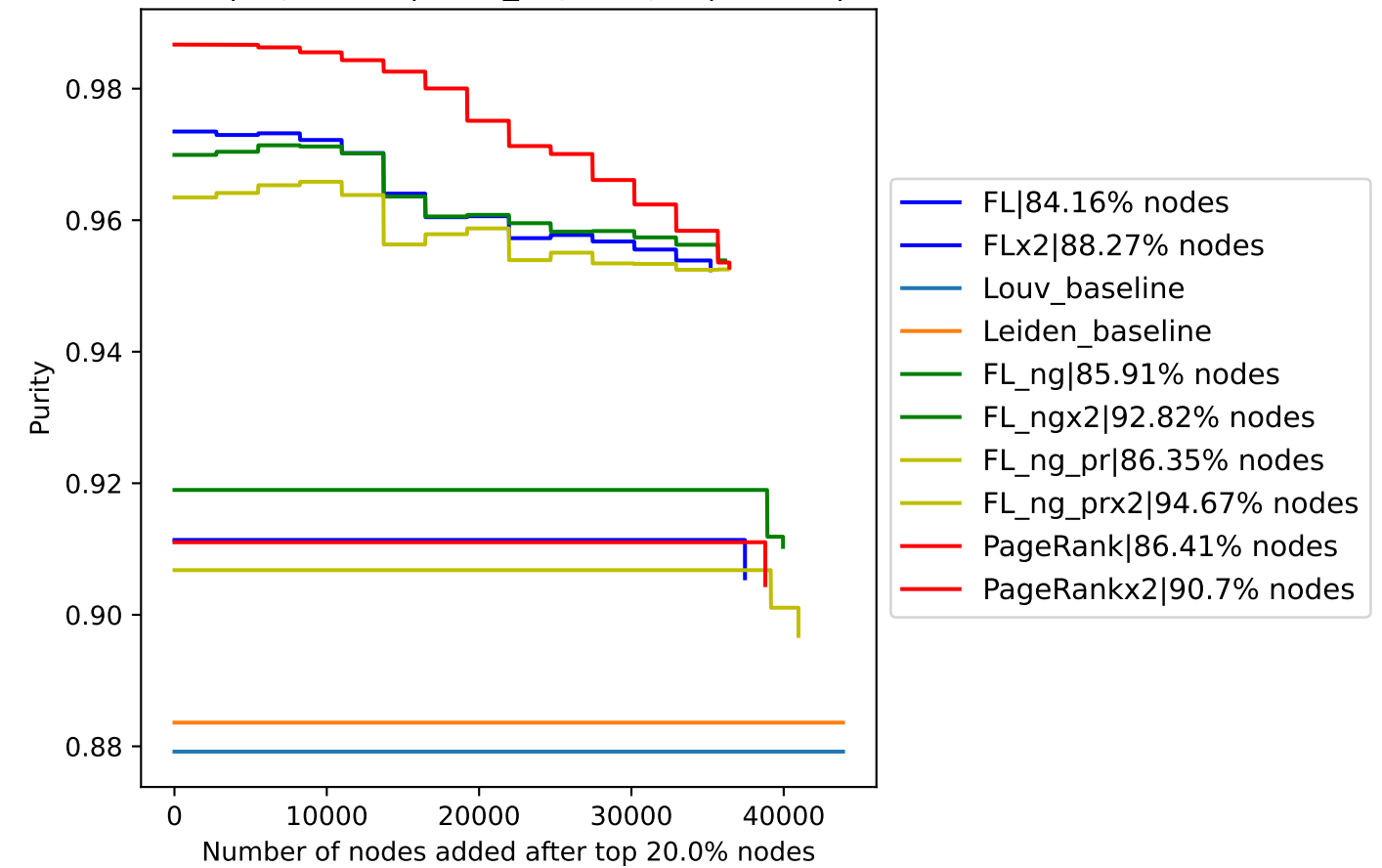
TM | top 20.0%| Num\_hops: log(n)|res: 0.5|



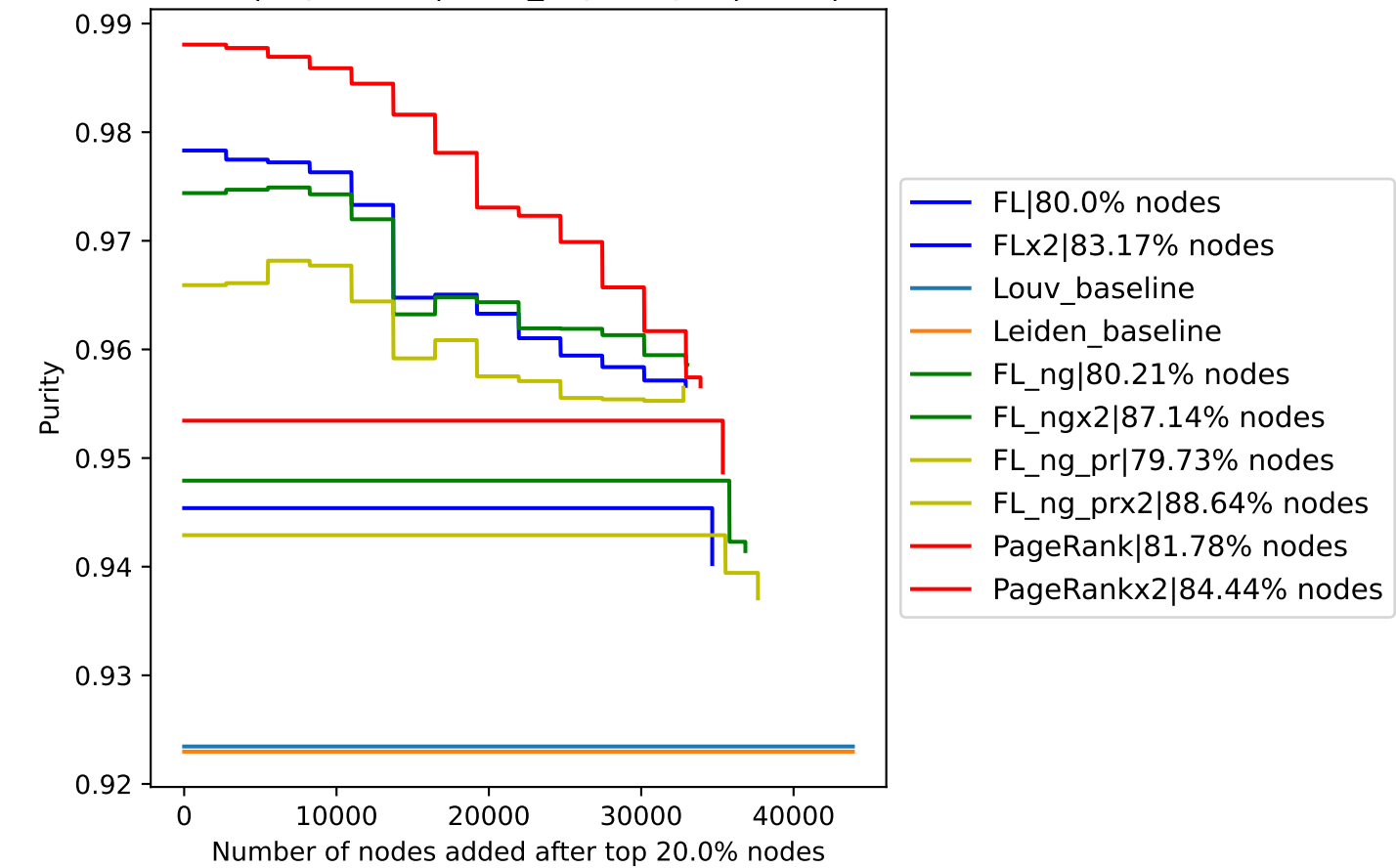
TM | top 20.0%| Num\_hops: log(n)|res: 1|

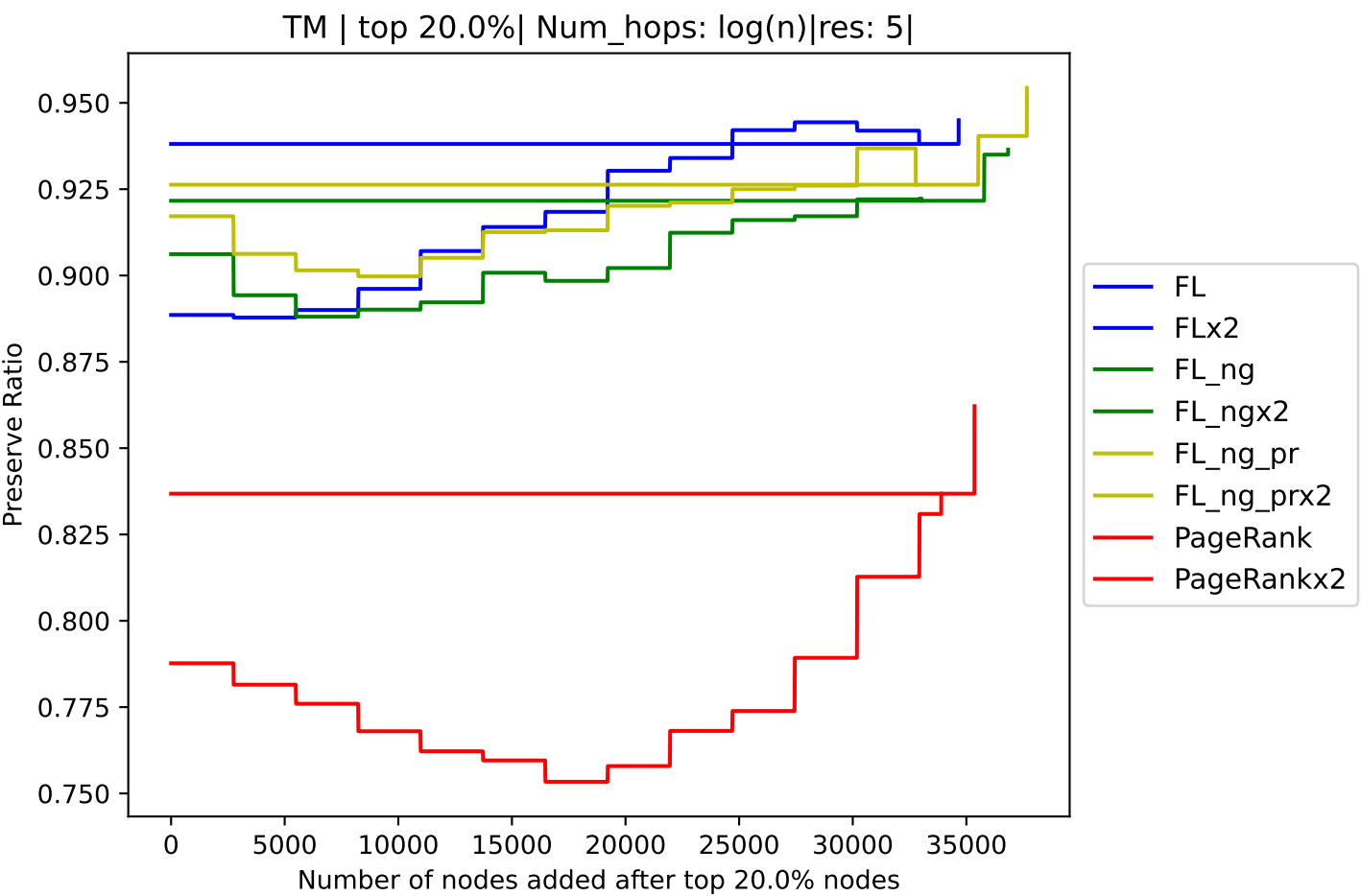
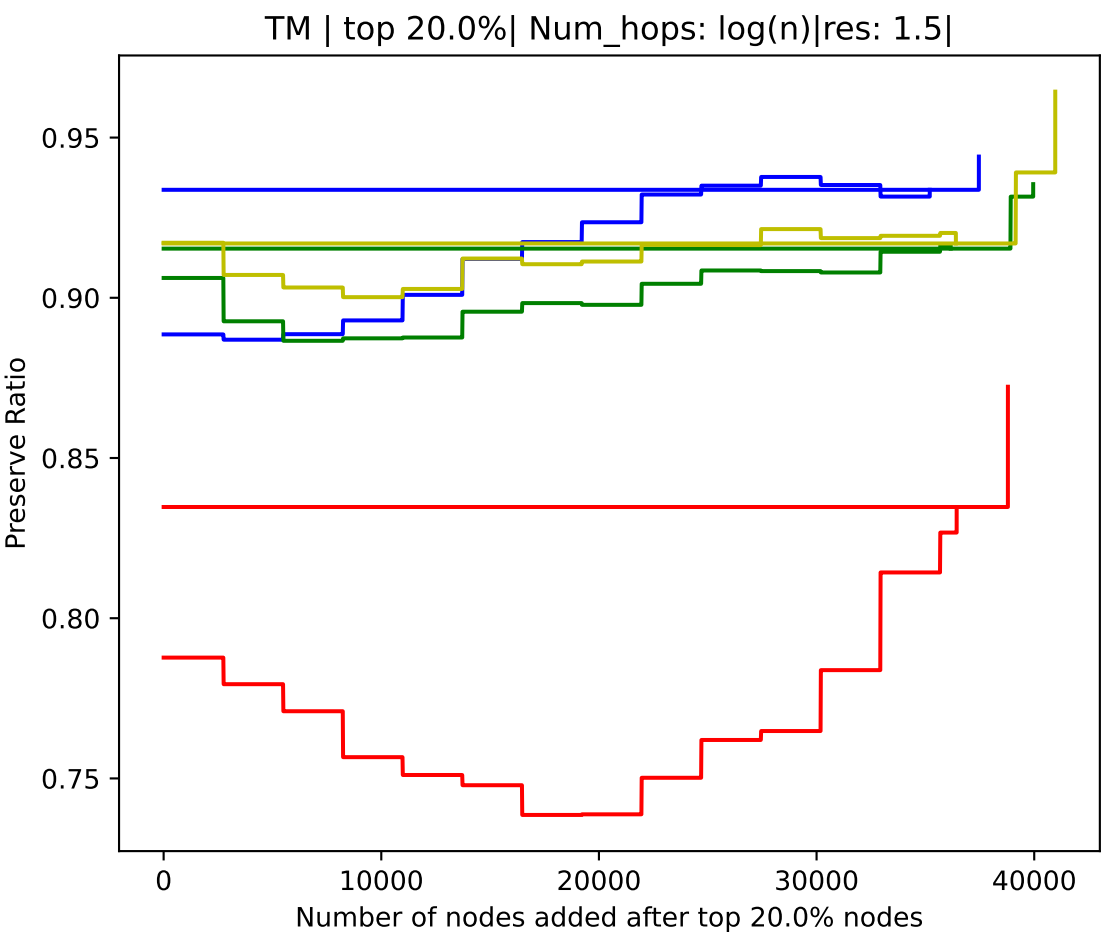
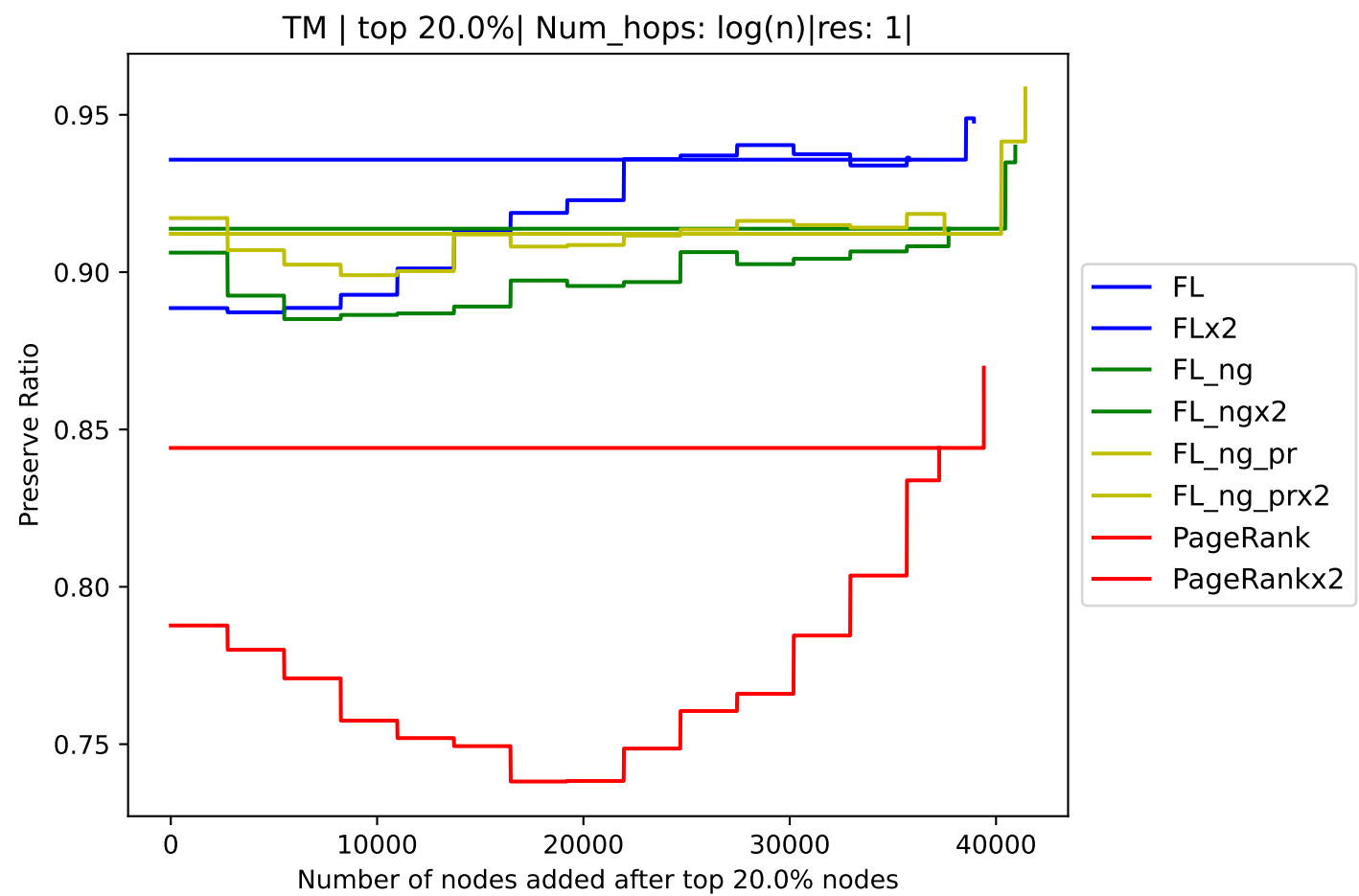
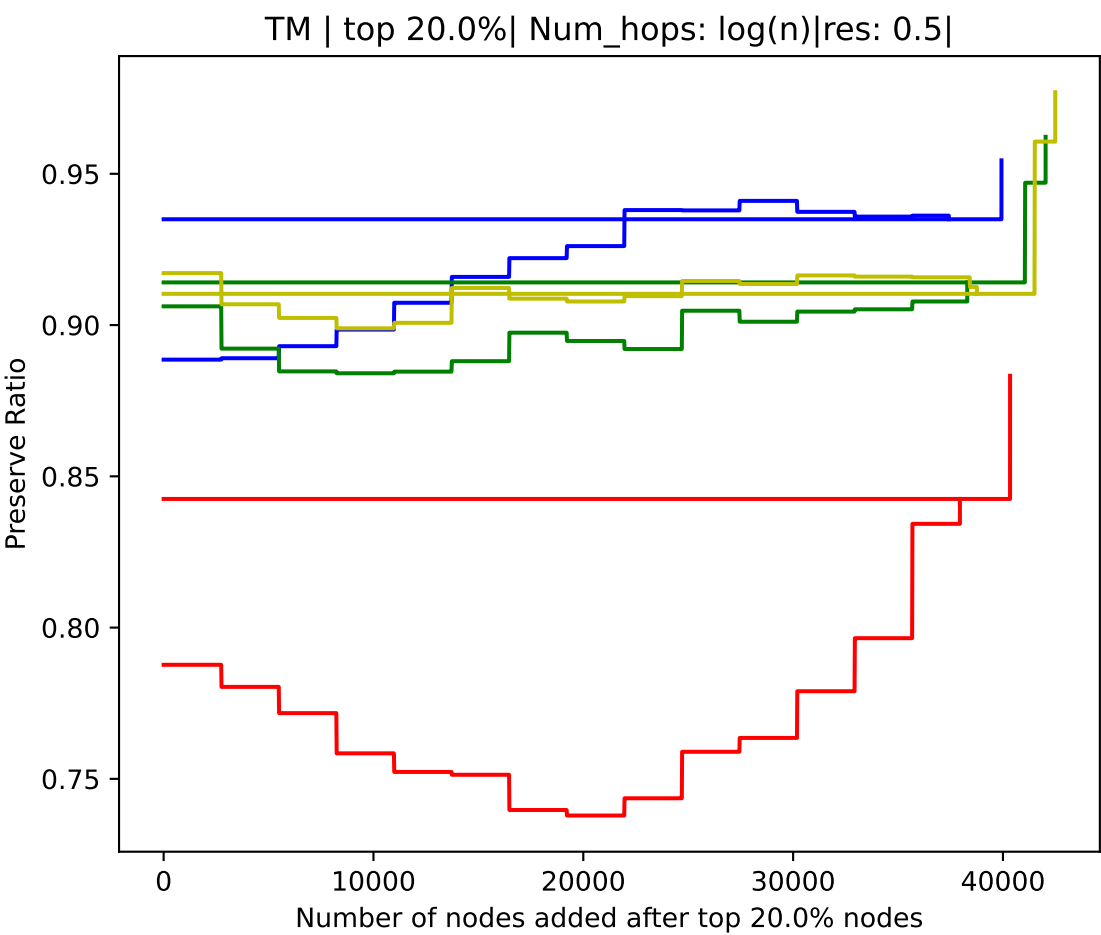
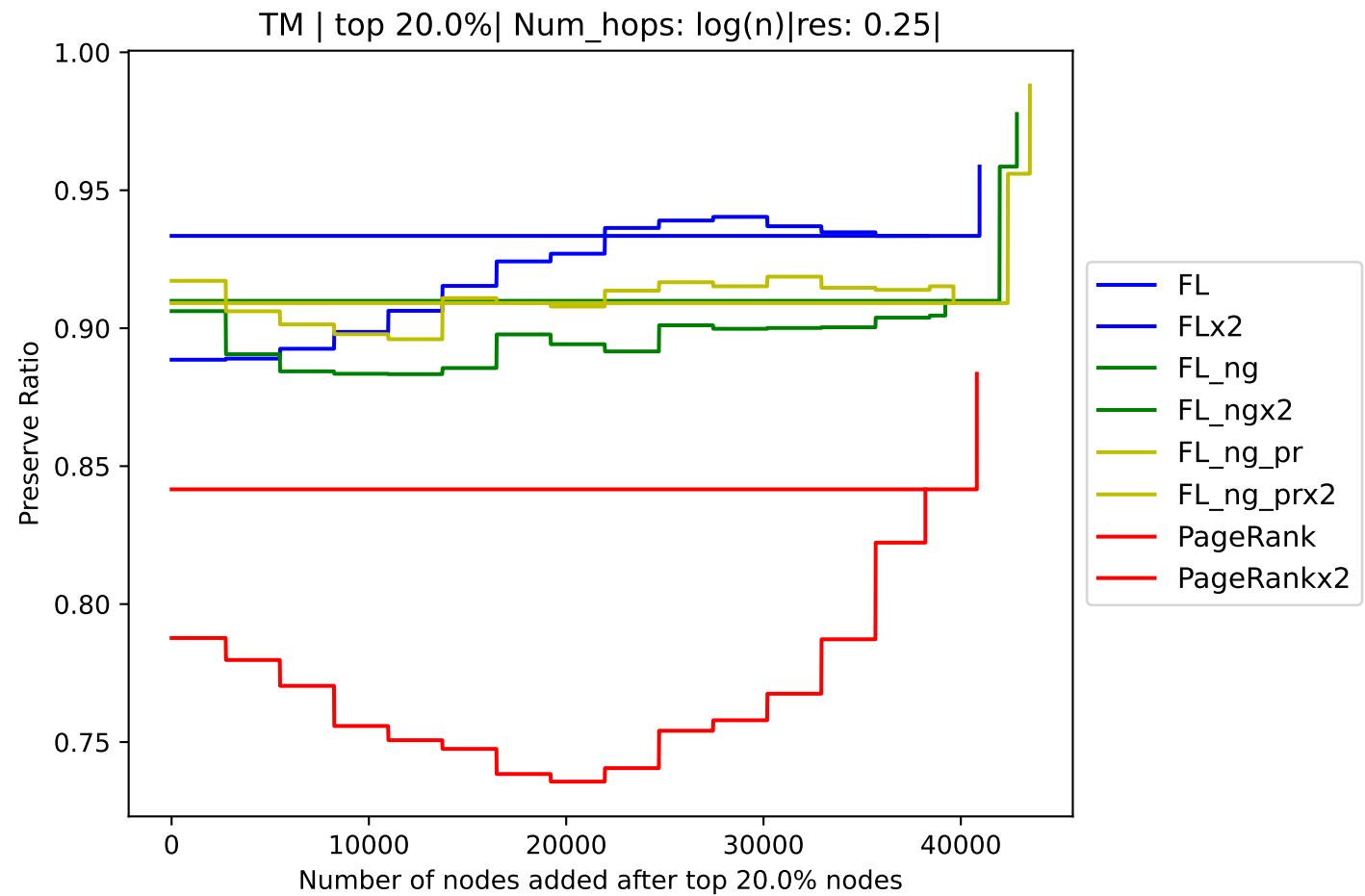
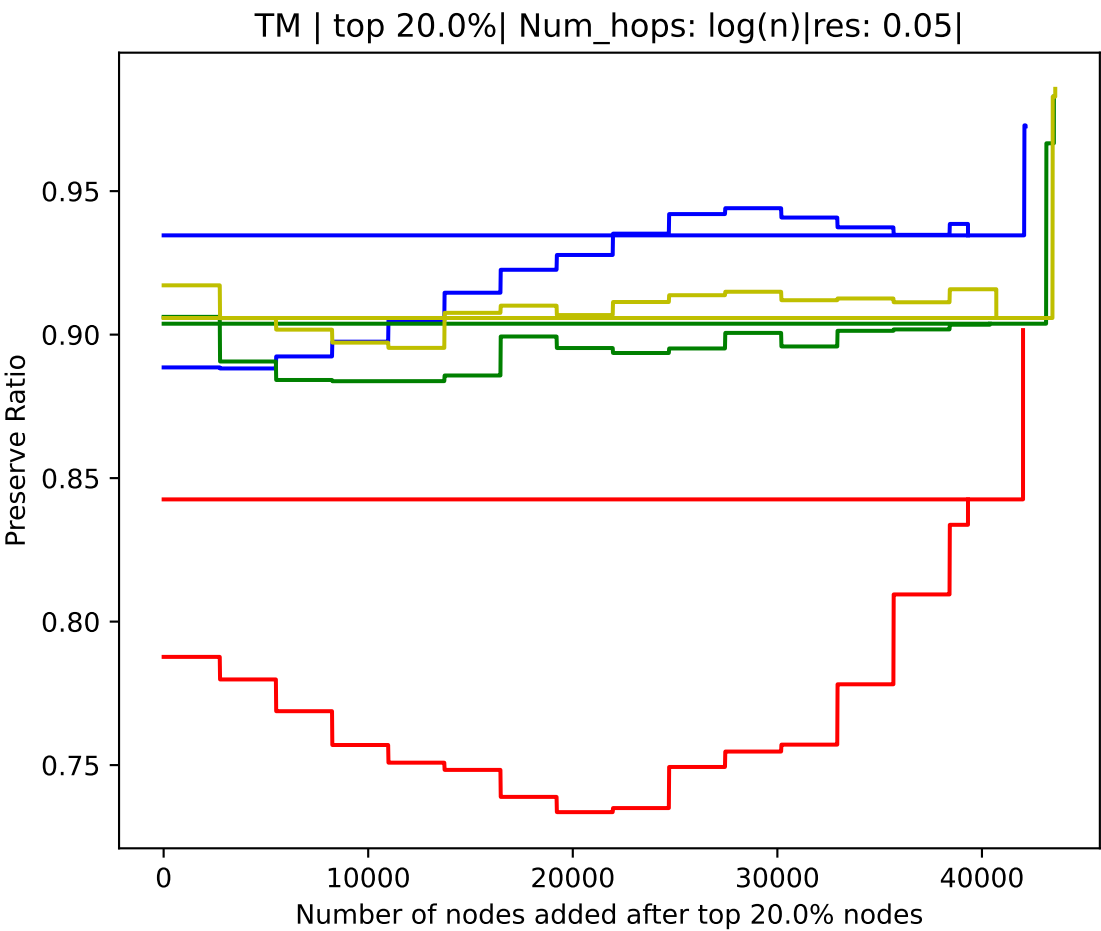


TM | top 20.0%| Num\_hops: log(n)|res: 1.5|

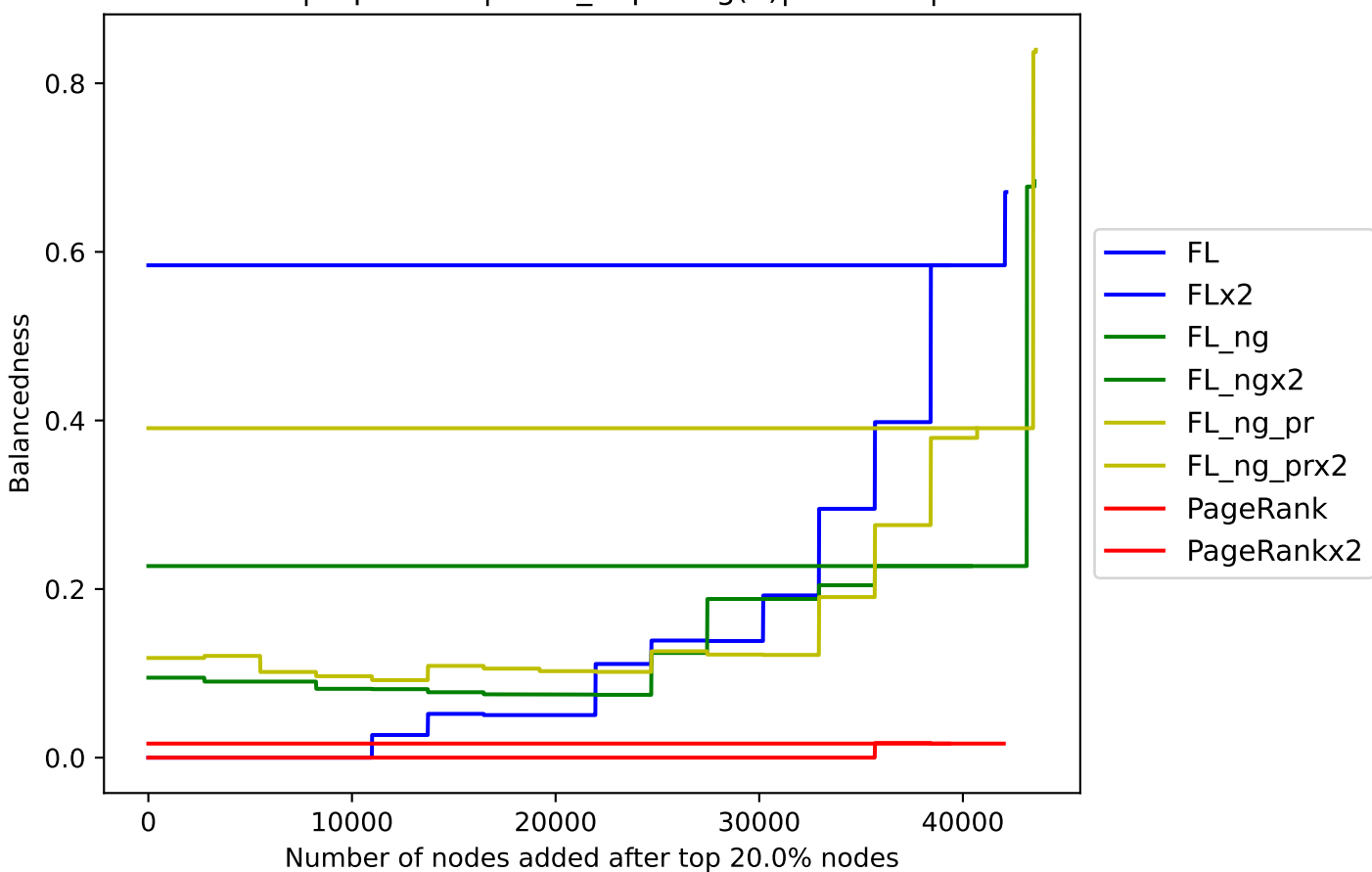


TM | top 20.0%| Num\_hops: log(n)|res: 5|

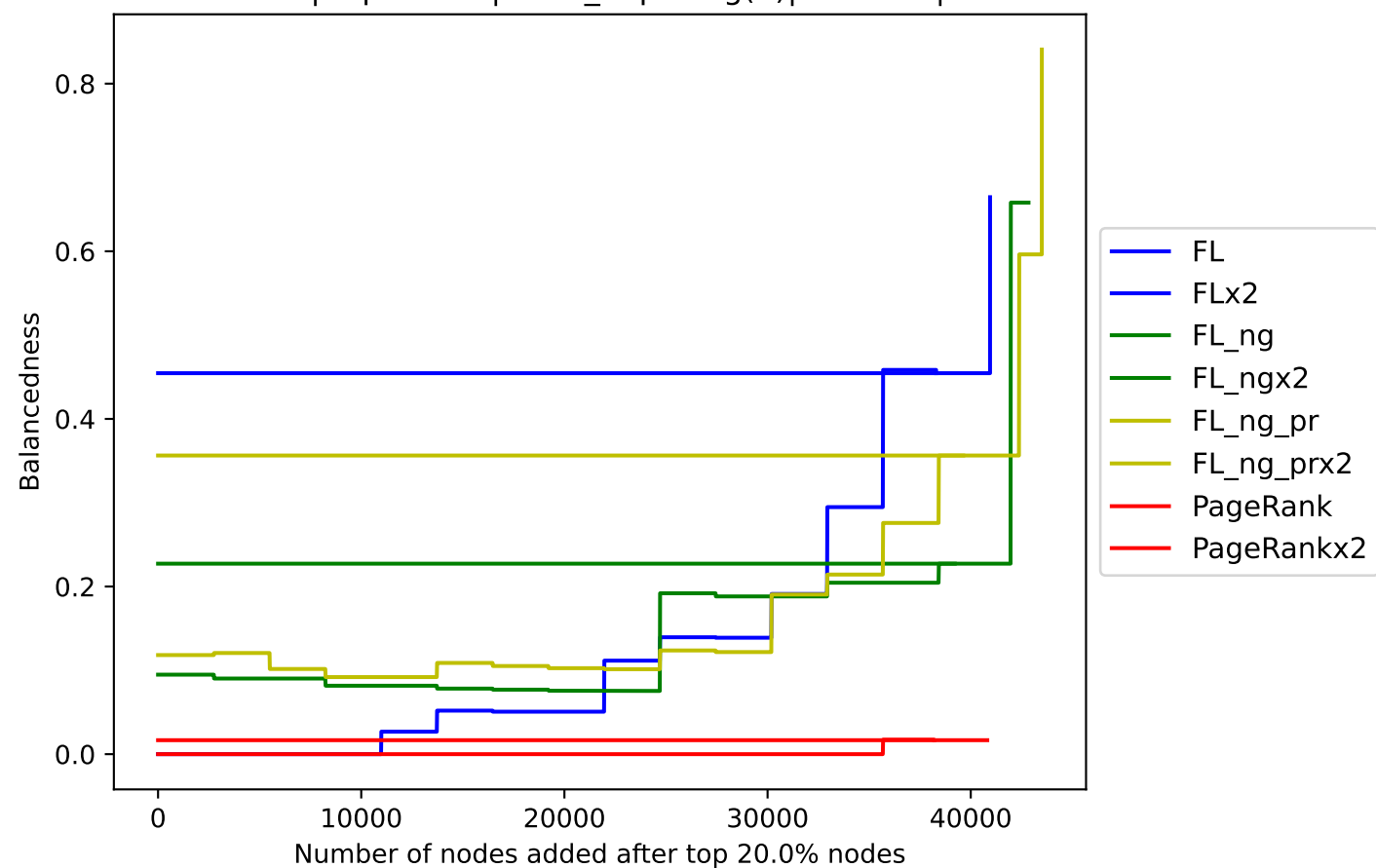




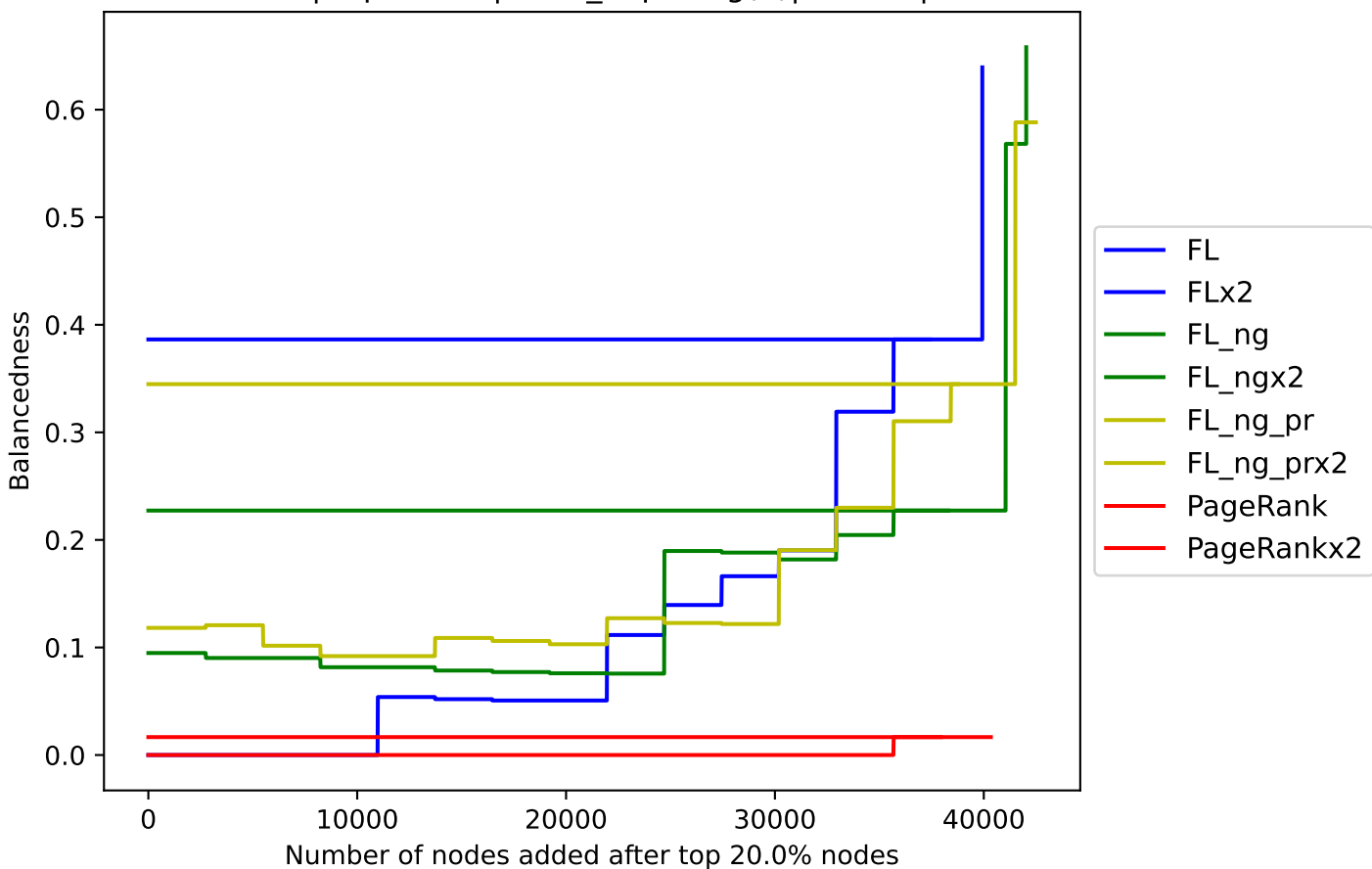
TM | top 20.0%| Num\_hops: log(n)|res: 0.05|



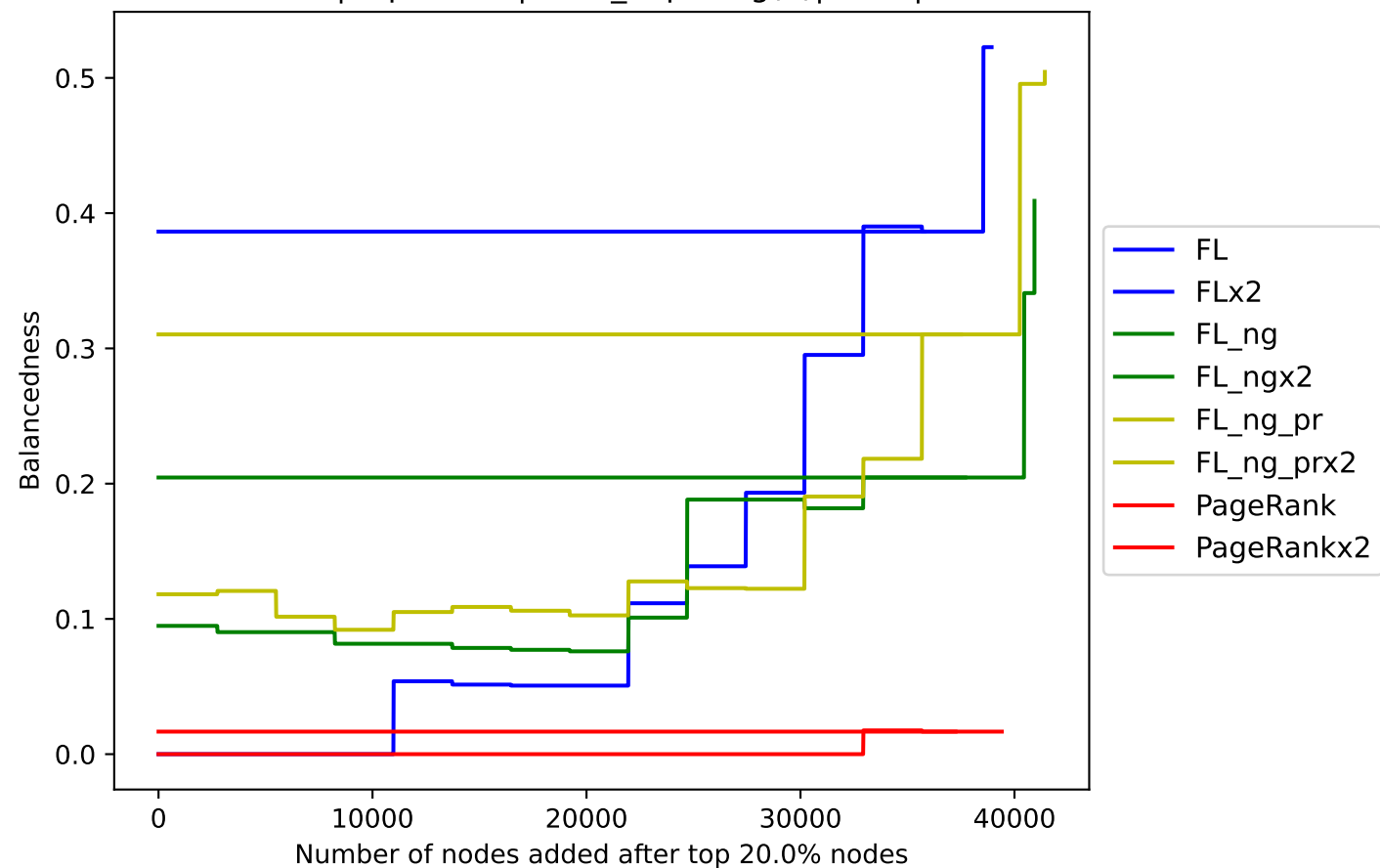
TM | top 20.0%| Num\_hops: log(n)|res: 0.25|



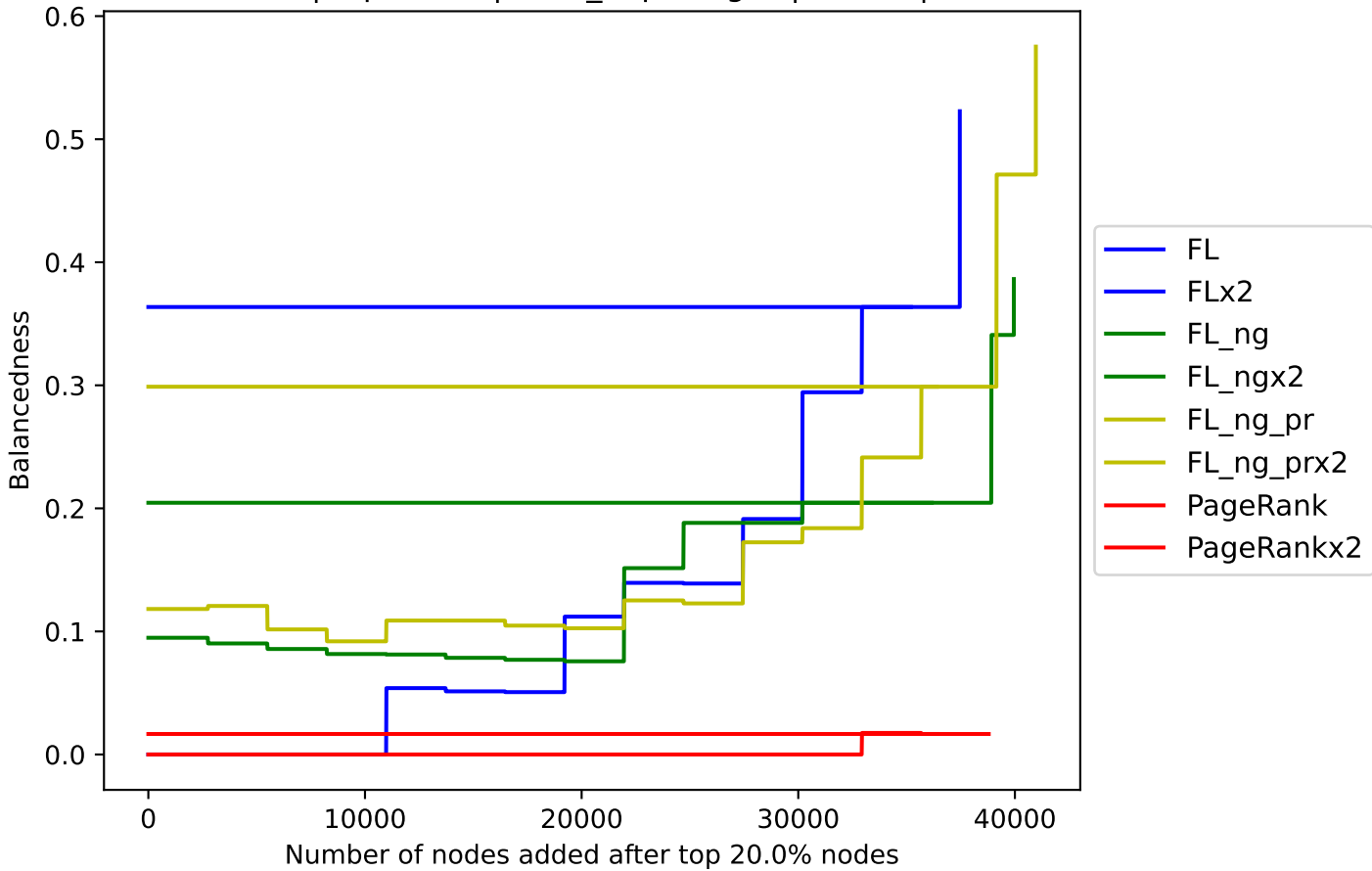
TM | top 20.0%| Num\_hops: log(n)|res: 0.5|



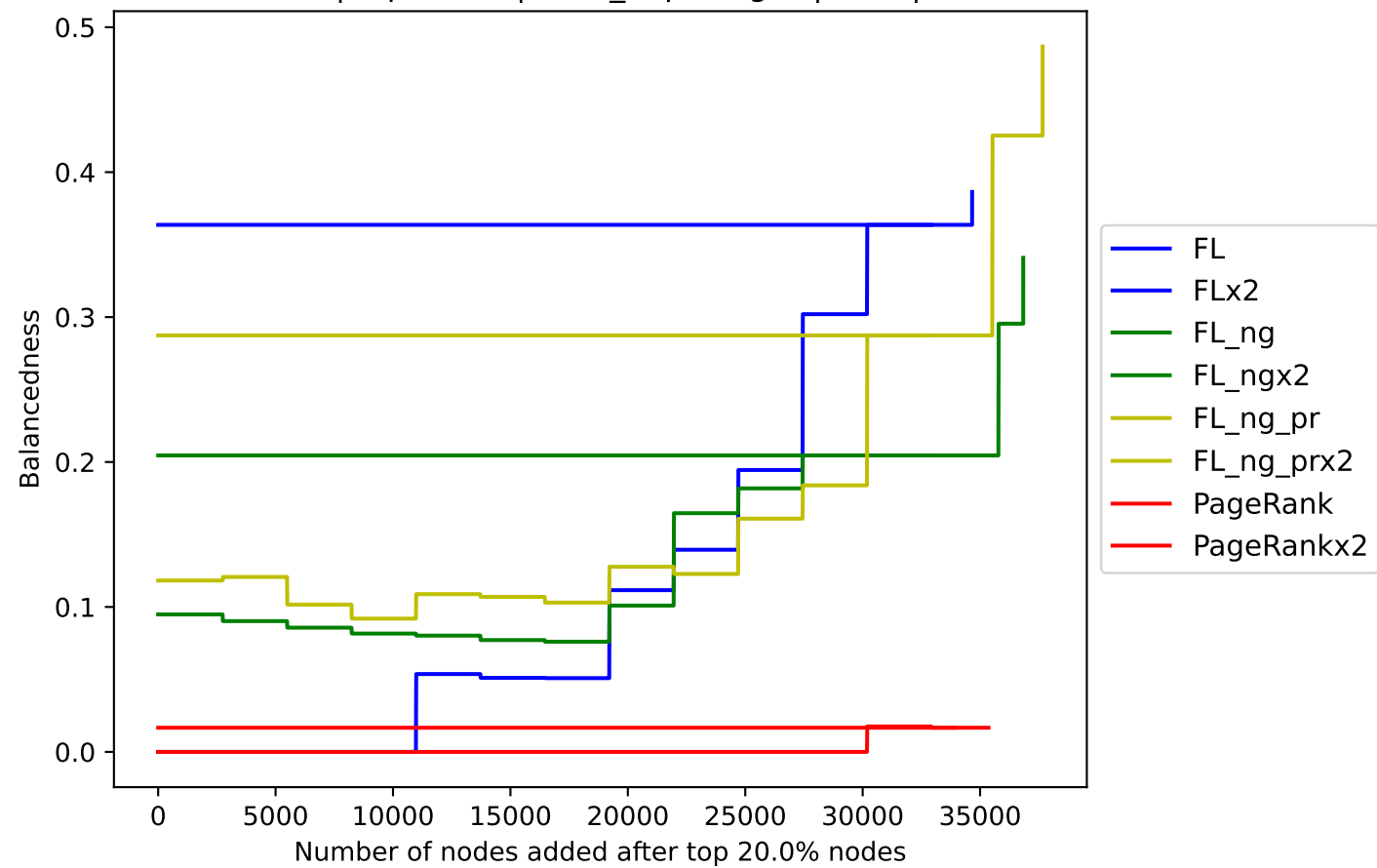
TM | top 20.0%| Num\_hops: log(n)|res: 1|



TM | top 20.0%| Num\_hops: log(n)|res: 1.5|

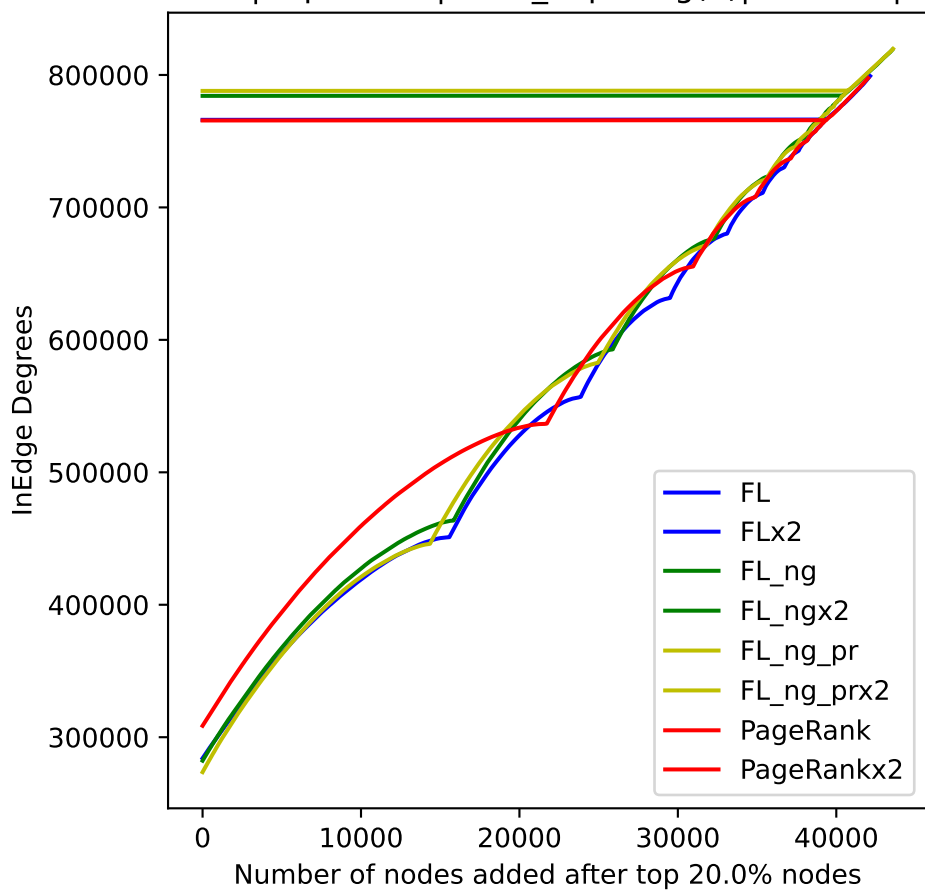


TM | top 20.0%| Num\_hops: log(n)|res: 5|

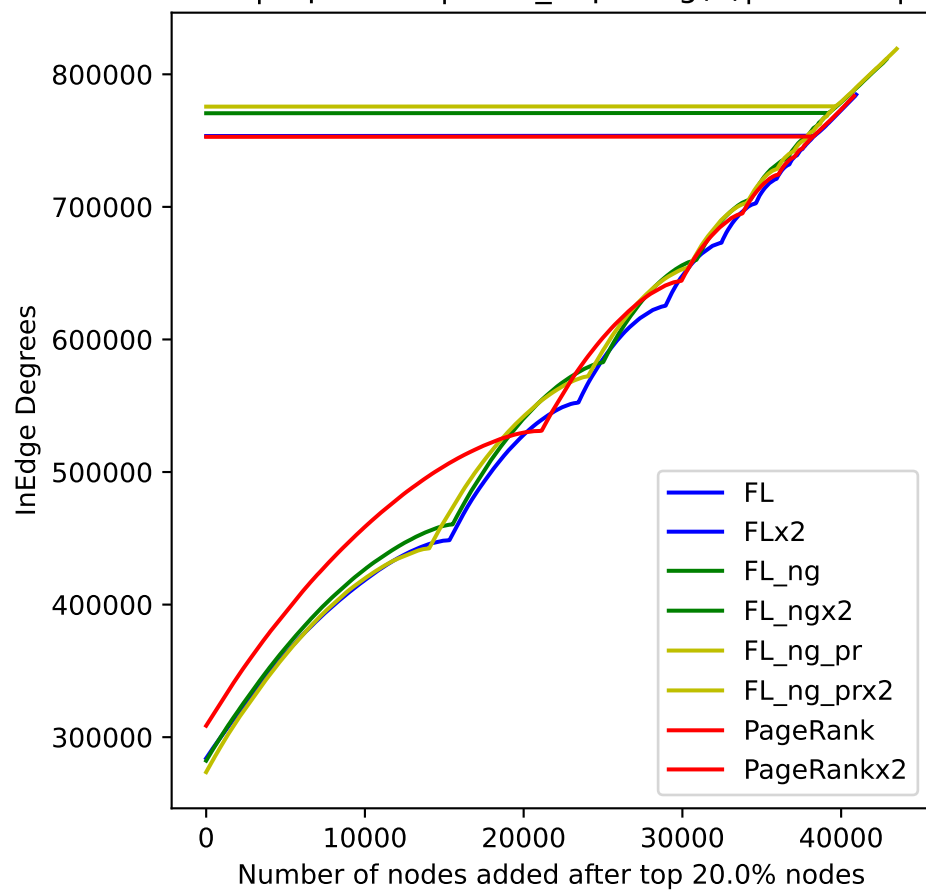




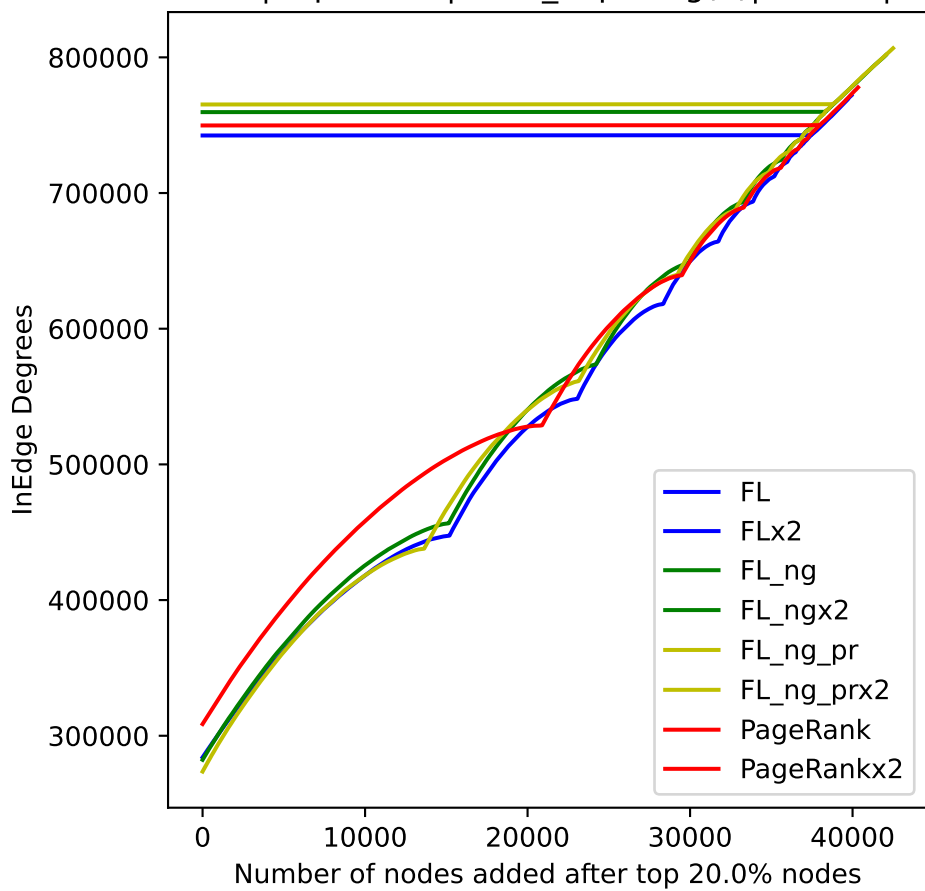
TM | top 20.0%| Num\_hops: log(n)|res: 0.05|



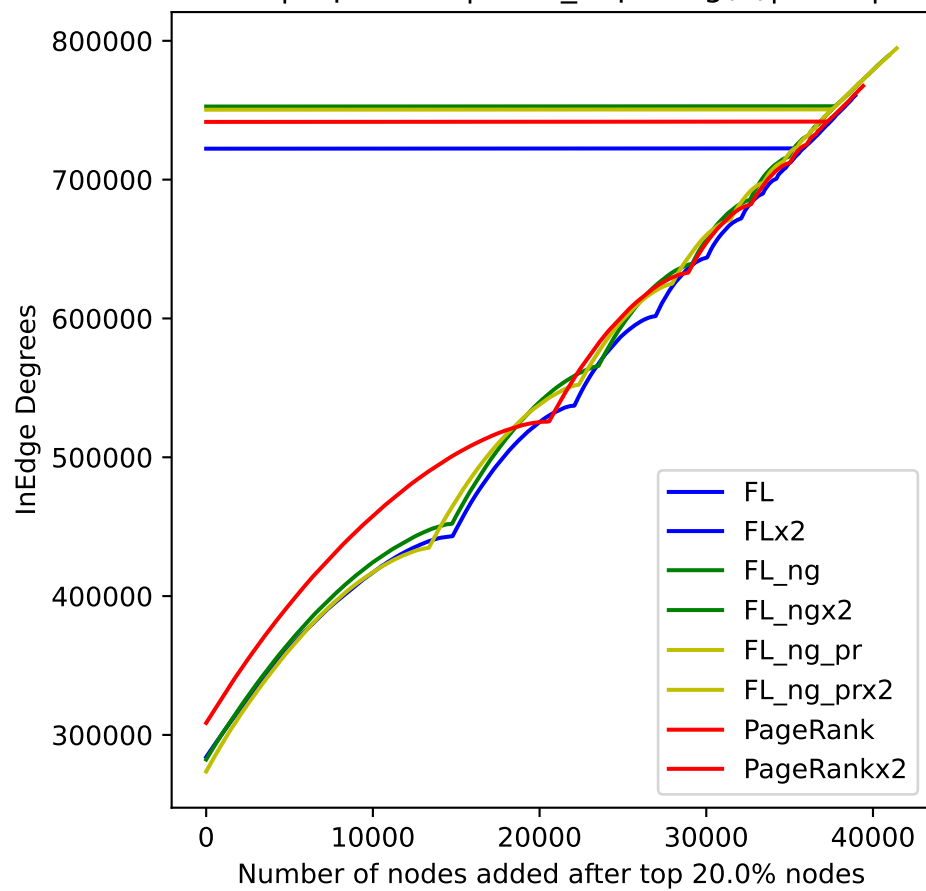
TM | top 20.0%| Num\_hops: log(n)|res: 0.25|



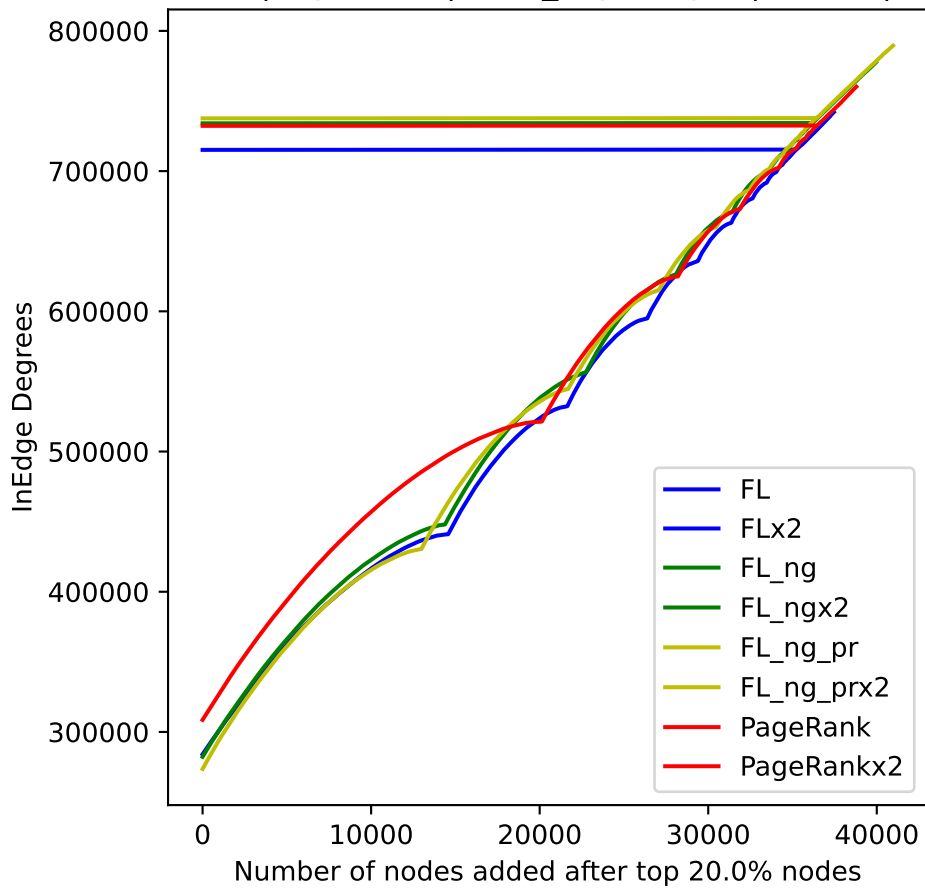
TM | top 20.0%| Num\_hops: log(n)|res: 0.5|



TM | top 20.0%| Num\_hops: log(n)|res: 1|



TM | top 20.0%| Num\_hops: log(n)|res: 1.5|



TM | top 20.0%| Num\_hops: log(n)|res: 5|

