

October 6, 2016

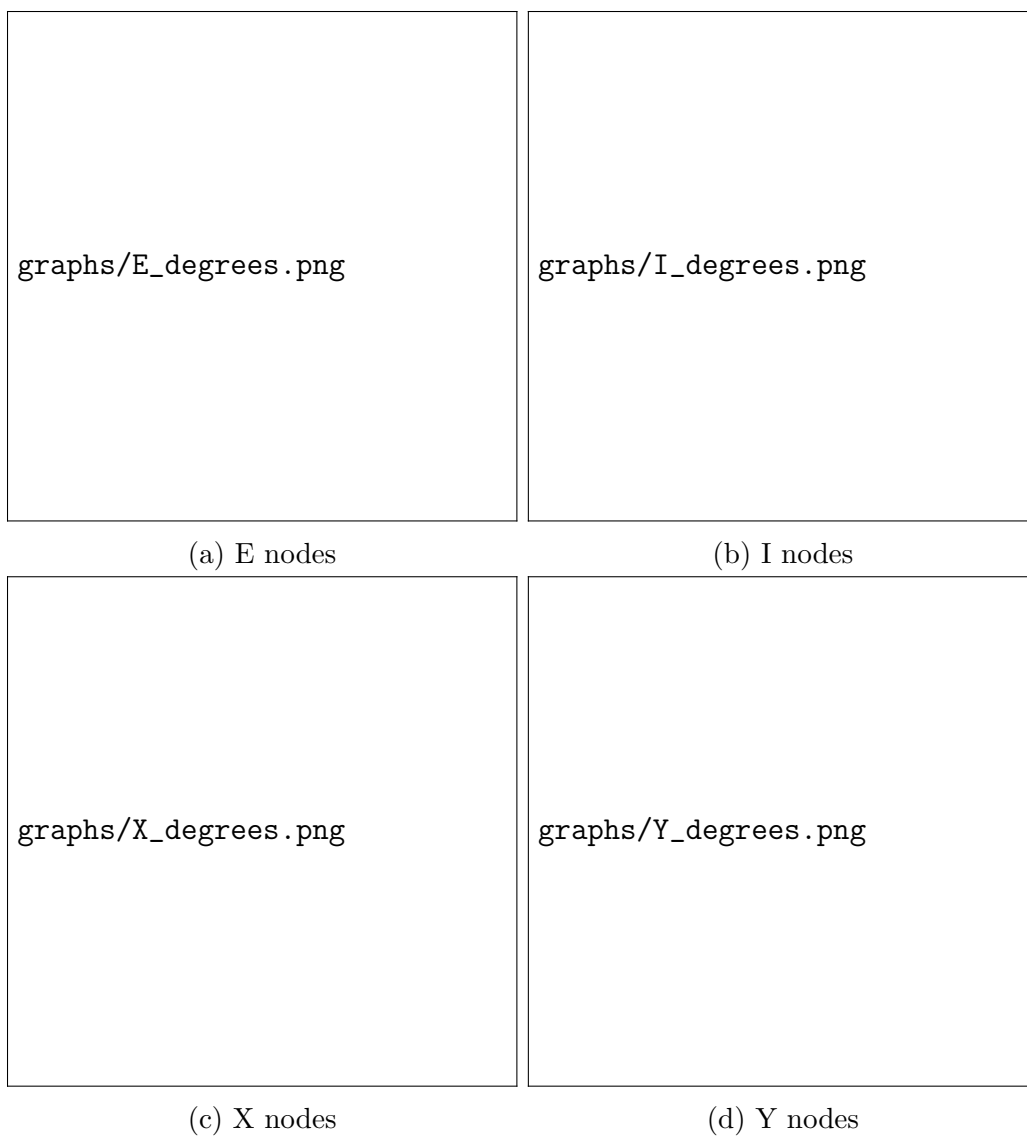


Figure 1: Distribution of nodes in graph

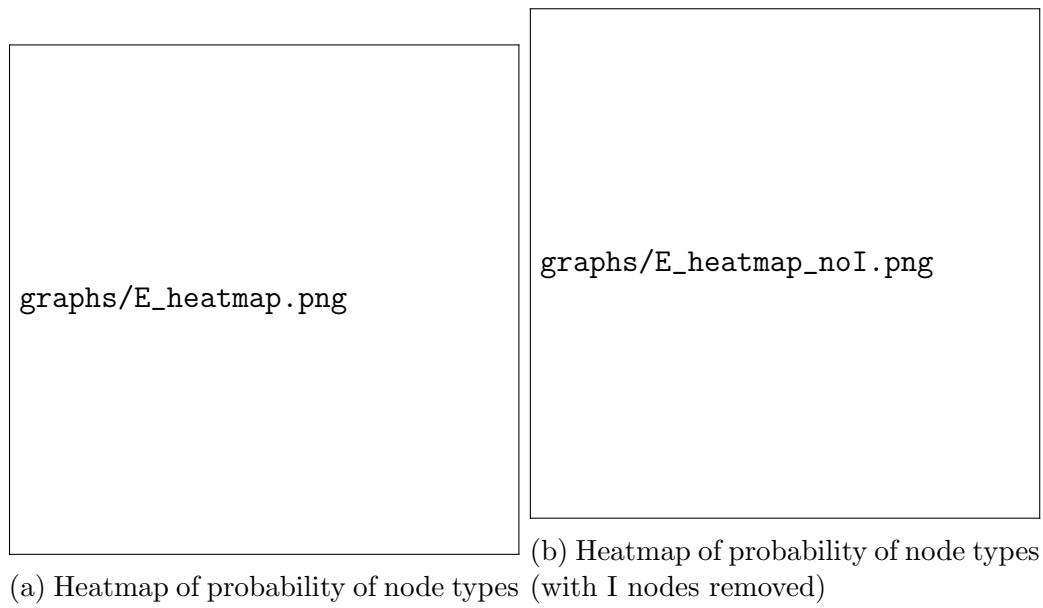


Figure 2: Heatmap of probability of nodes within the graph

Complexity distribution of total graph (X/Y nodes)

```
0 0
1 0
2 1
3 0
4 0
```

Coverage dist

```
1 154
2-4 47
```

```
1 154
2 15
3 32
4 0
5 0
6 0
7 0
8 0
9 0
≥10 0
```

kmers

```
unique 201    total 400    % of total 50.25
```

subgraphs

```
largest subgraph 201    % of total 100.00
num subgraphs 1    num subgraphs>2k 0
num subgraphs per E6 kmers 0.004975
branches 2    per 1000 nodes 0.00
```

graph size dist:

$\leq E^0$ 0
 $\leq E^1$ 0
 $\leq E^2$ 1
 $\leq E^3$ 0
 $\leq E^4$ 0
 $\leq E^5$ 0
 $\leq E^6$ 0
 $\leq E^7$ 0
 $\leq E^8$ 0
 $\leq E^9$ 0

highest coverage kmers

3 ATAATATAAGAGAAATCGAAGGTATCATCAT
3 ACAAACAAAATACGGCAAAAAAATCGCGCAT
3 TACAAACAAAATACGGCAAAAAAATCGCGCA
3 ATACAAACAAAATACGGCAAAAAAATCGCGC
3 CATACAAACAAAATACGGCAAAAAAATCGCG

num simple graphs 0