

October 10, 2016

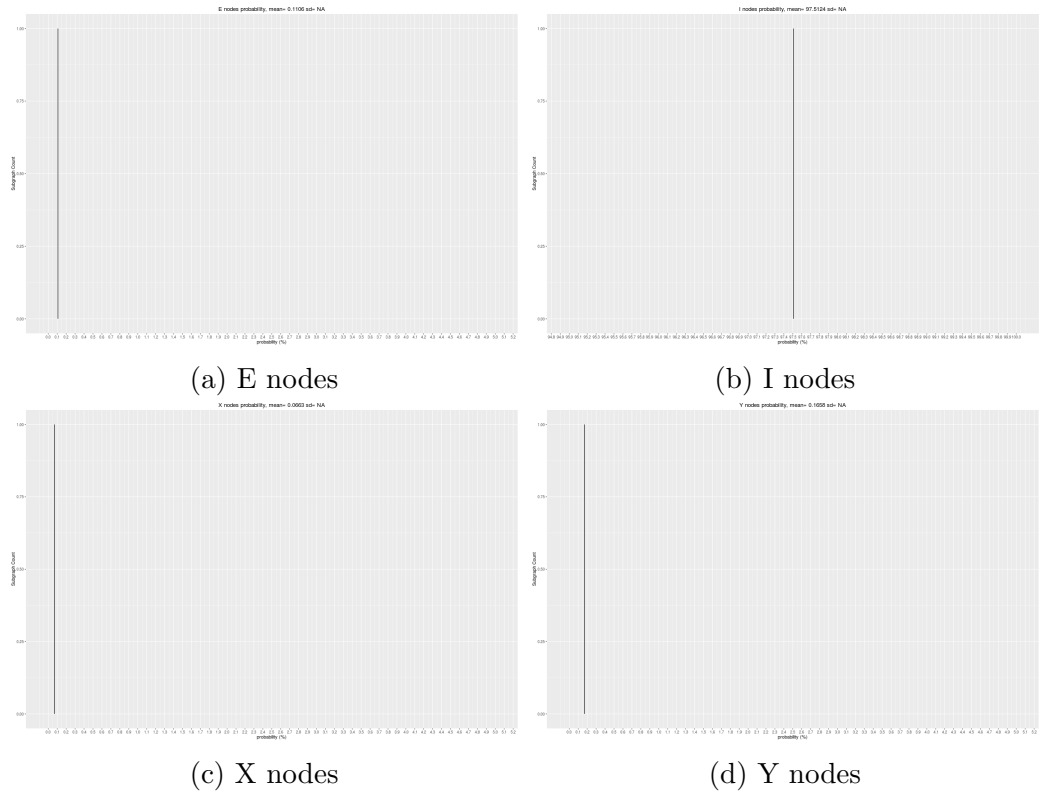


Figure 1: Distribution of nodes in graph

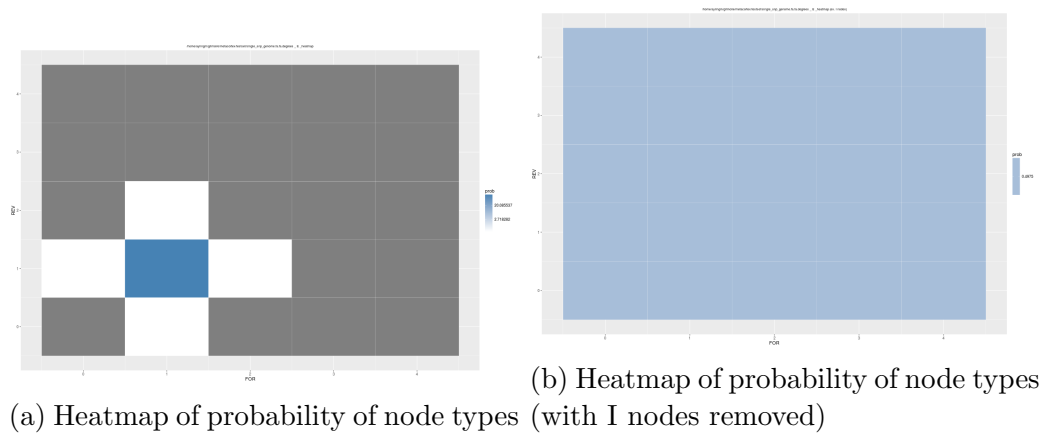


Figure 2: Heatmap of probability of nodes within the graph

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:

≤E⁰ 0
≤E¹ 0
≤E² 1
≤E³ 0
≤E⁴ 0
≤E⁵ 0
≤E⁶ 0
≤E⁷ 0
≤E⁸ 0
≤E⁹ 0

highest coverage kmers

3 ATAATATAAGAGAAATCGAAGGTATCATCAT
3 ACAAACAAAATACGGCAAAAAAATCGCGCAT
3 TACAAACAAAATACGGCAAAAAAATCGCGCA
3 ATACAAACAAAATACGGCAAAAAAATCGCGC
3 CATACAAACAAAATACGGCAAAAAAATCGCG

num simple graphs 0