

MetaCortex single_insert_genome.fa

October 19, 2016

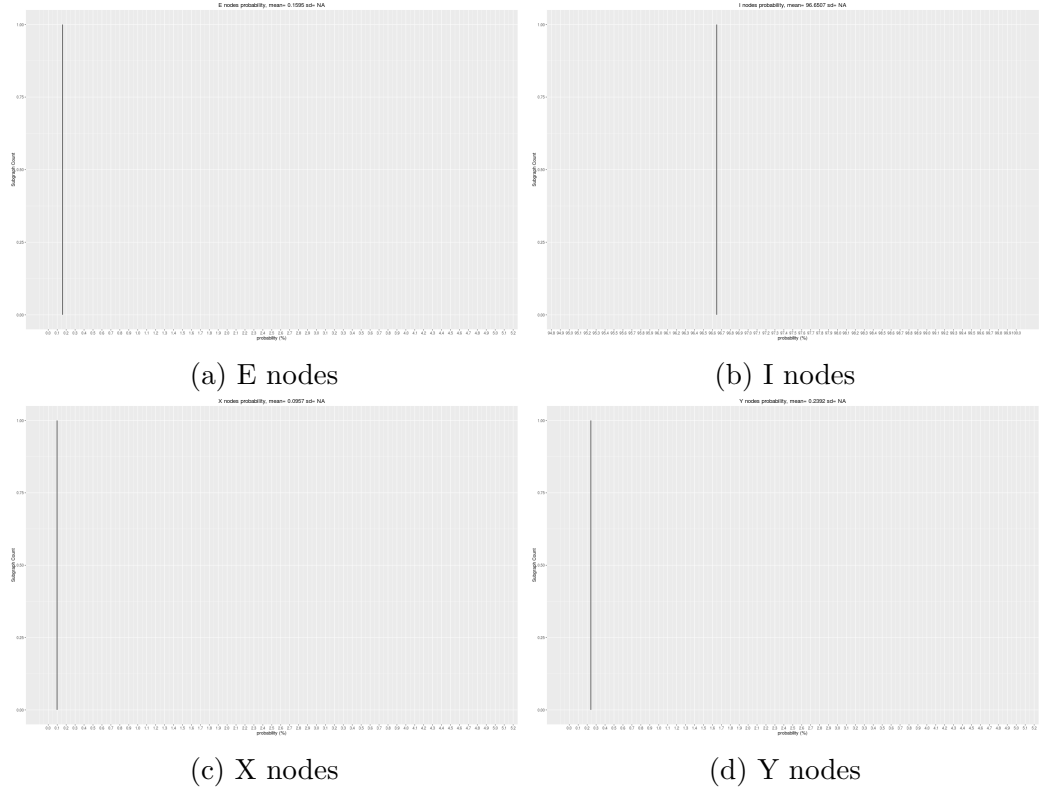


Figure 1: Distribution of nodes in graph

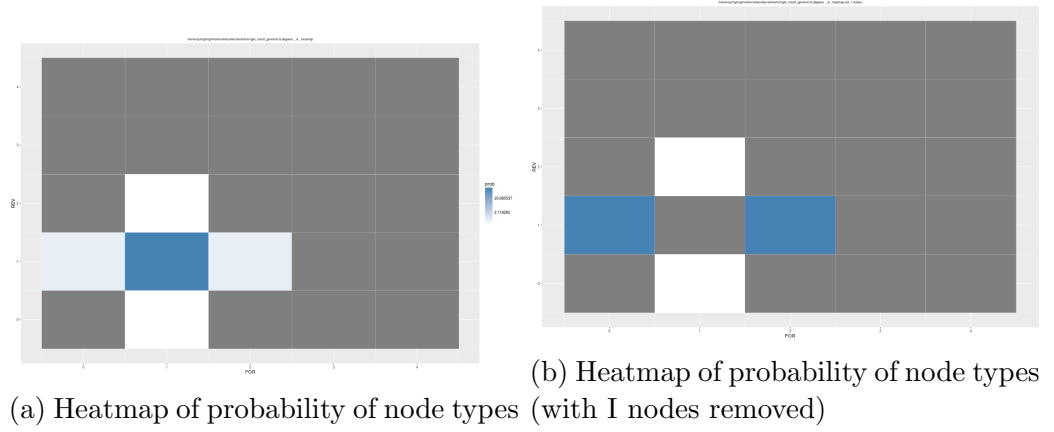


Figure 2: Heatmap of probability of nodes within the graph

Complexity distribution of total graph (X/Y nodes)

0 0
1 0
2 0
3 1
4 0

Coverage dist

1 169
2-4 40

1 169
2 9
3 31
4 0
5 0
6 0
7 0
8 0
9 0
≥10 0

kmers

unique 209 total 400 % of total 52.25

subgraphs

largest subgraph 209 % of total 100.00
num subgraphs 1 num subgraphs>2k 0
num subgraphs per E⁶ kmers 0.004785
branches 3 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 TACAAACAAAATACGGCAAAAAAATCGCGCA
3 ATACAAACAAAATACGGCAAAAAAATCGCGC
3 CATACAAACAAAATACGGCAAAAAAATCGCG
3 GCGATTTTTTTGCCGTATTTTGTGTGTATGA

num simple graphs 0