${\bf MetaCortex~single}_s np_g enome. fa$

October 11, 2016

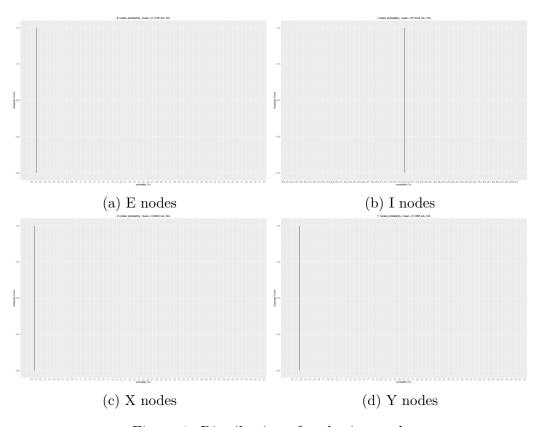


Figure 1: Distribution of nodes in graph

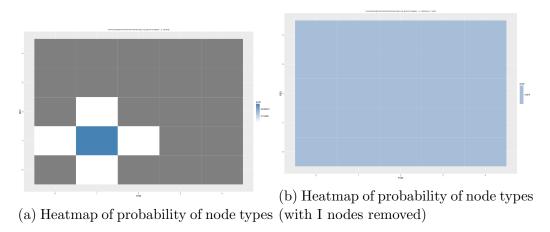


Figure 2: Heatmap of probability of nodes within the graph

Complexity distribution of total graph (X/Y nodes)

- 0 (
- 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
- 0 (
- 9 0
- $\geq 10 \quad 0$

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 E^6 kmers 0.004975 branches 2 per 1000 nodes 0.00

graph size dist:

- \leq E₀ 0
- $\leq E^1 \quad 0$
- $\leq E^2 \quad 1$
- $\leq E^3 = 0$
- $< E^4 0$
- $< E^5 0$
- $\begin{array}{ll}
 \leq E^6 & 0 \\
 \leq E^7 & 0
 \end{array}$
- $\leq E^8 \quad 0$
- $\leq E^9 \quad 0$

highest coverage kmers

- 3 ATAATATAAGAGAAATCGAAGGTATCATCAT
- 3 ACAAACAAAATACGGCAAAAAAATCGCGCAT
- 3 TACAAACAAAATACGGCAAAAAAATCGCGCA
- 3 ATACAAACAAAATACGGCAAAAAAATCGCGC
- 3 CATACAAACAAAATACGGCAAAAAAATCGCG

num simple graphs 0