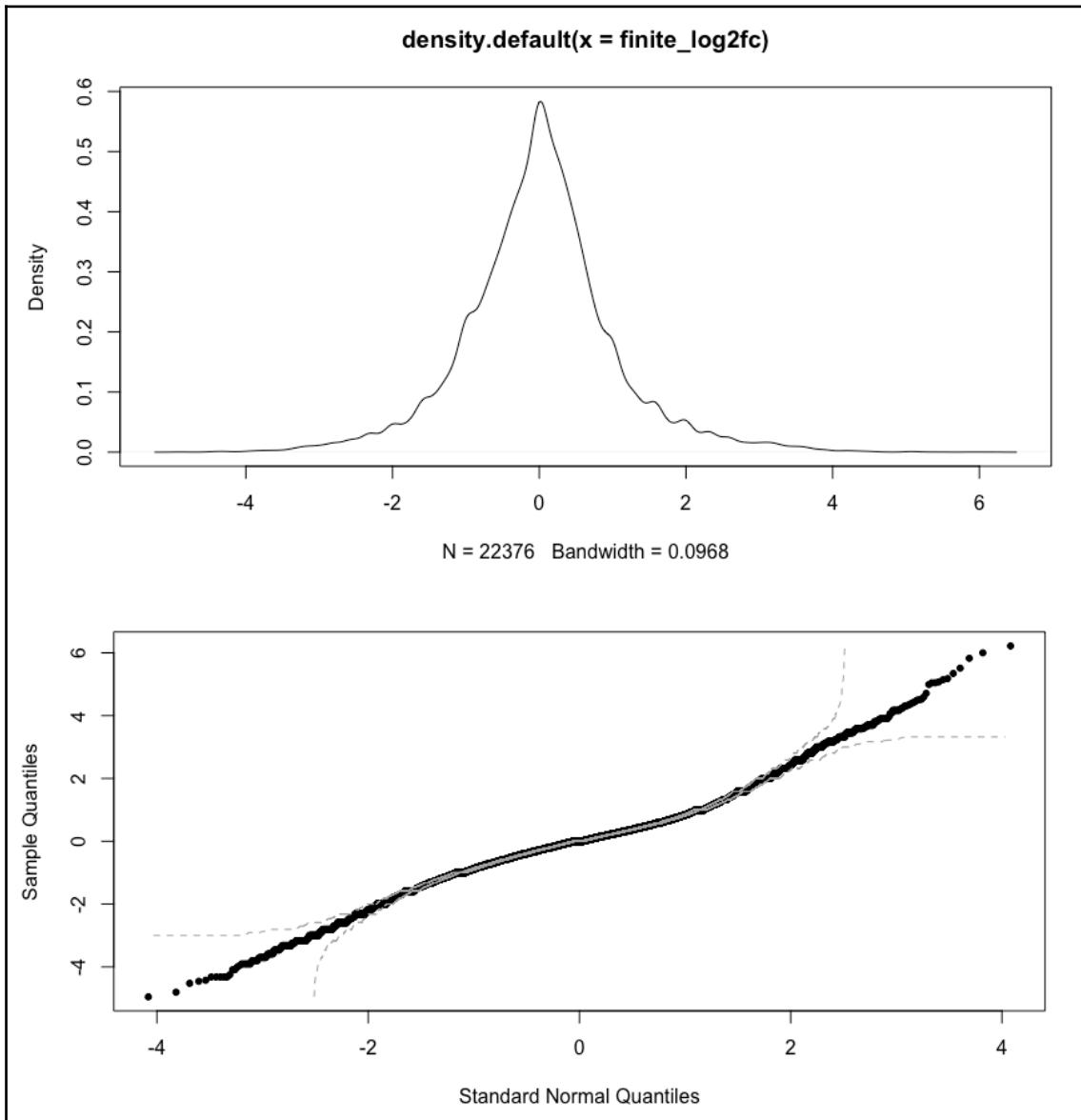
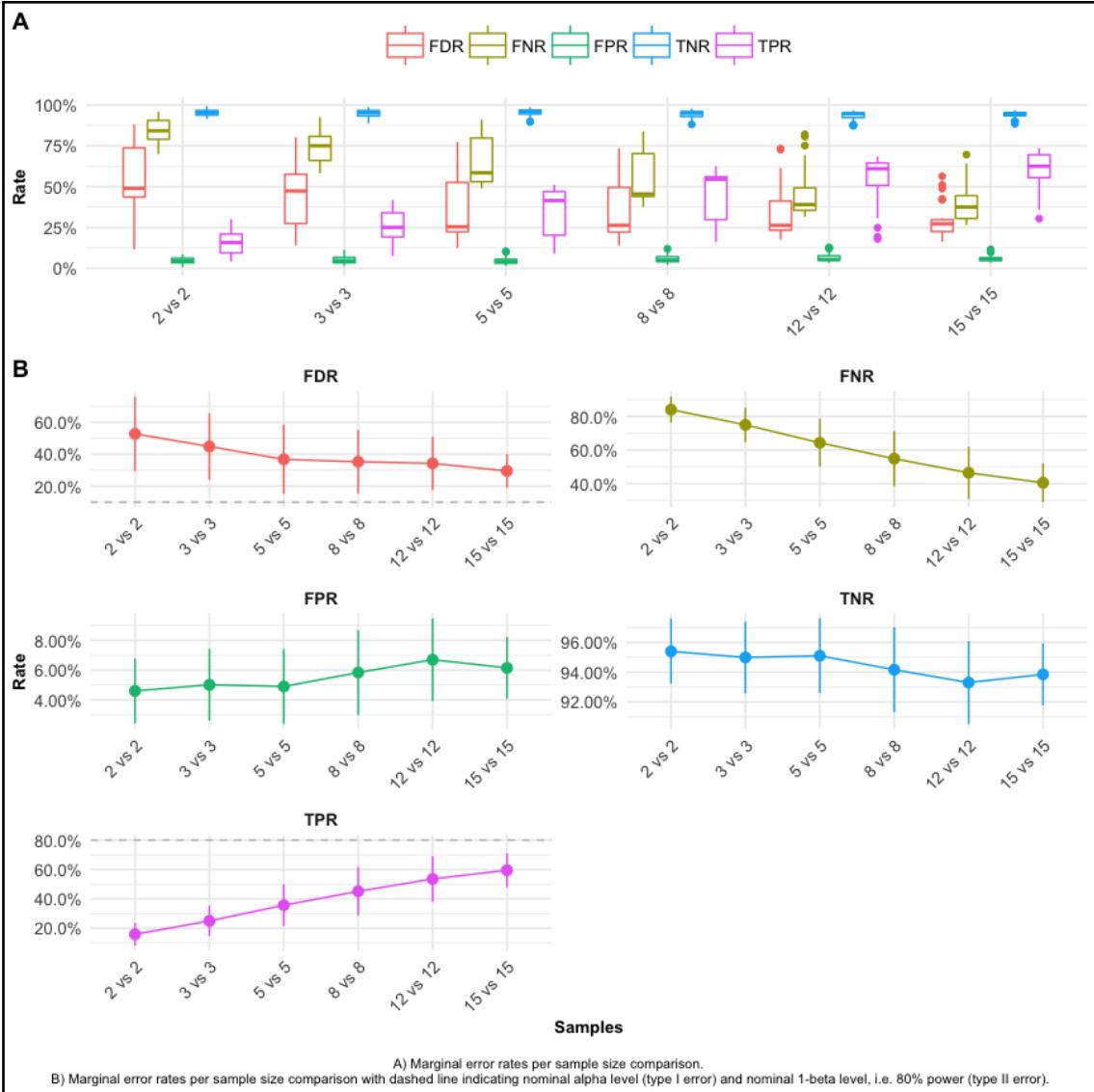
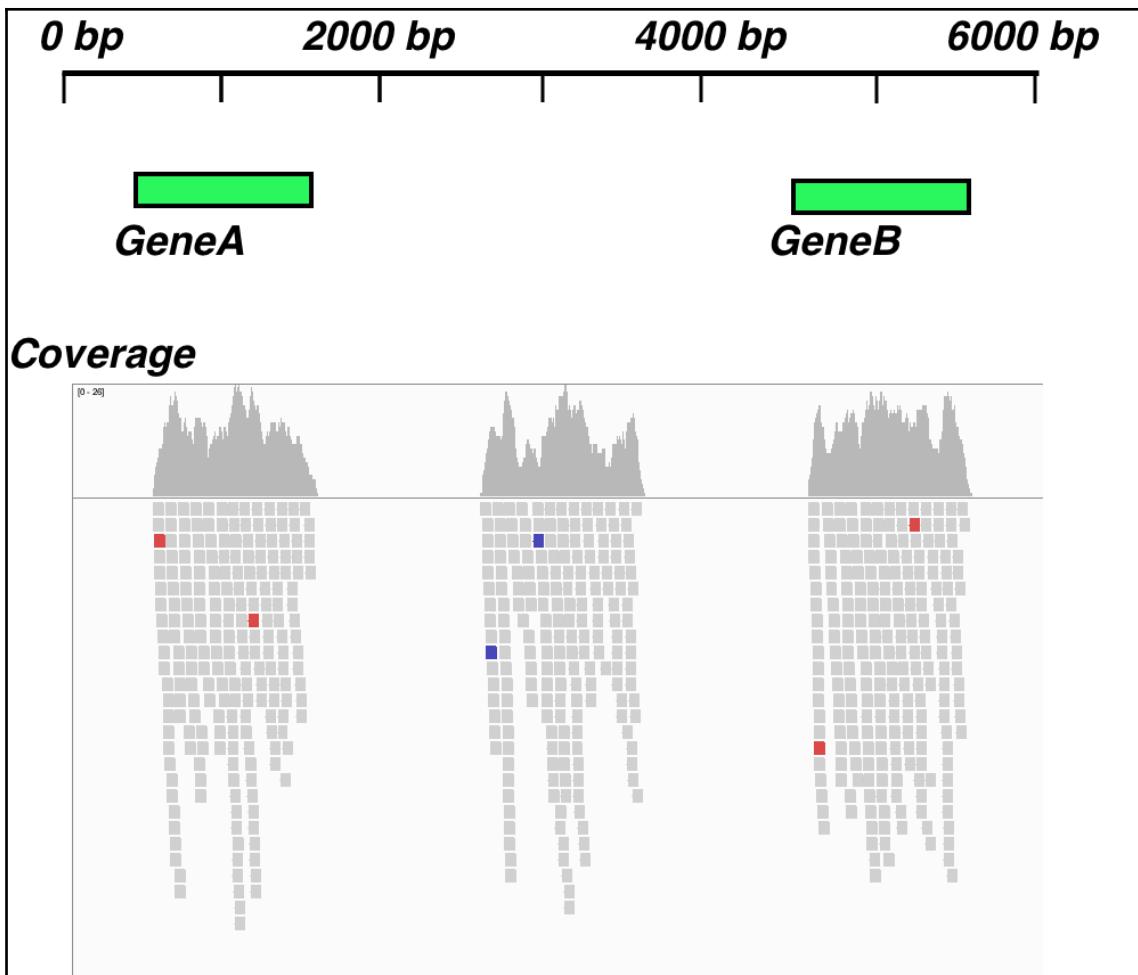
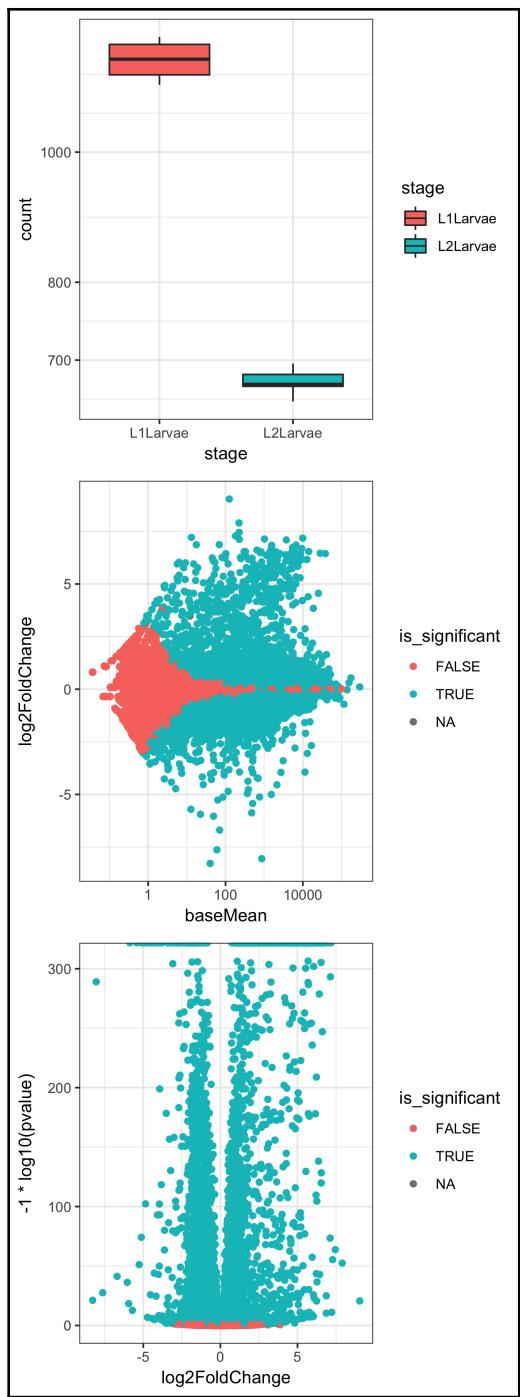


Chapter 1: Performing Quantitative RNAseq

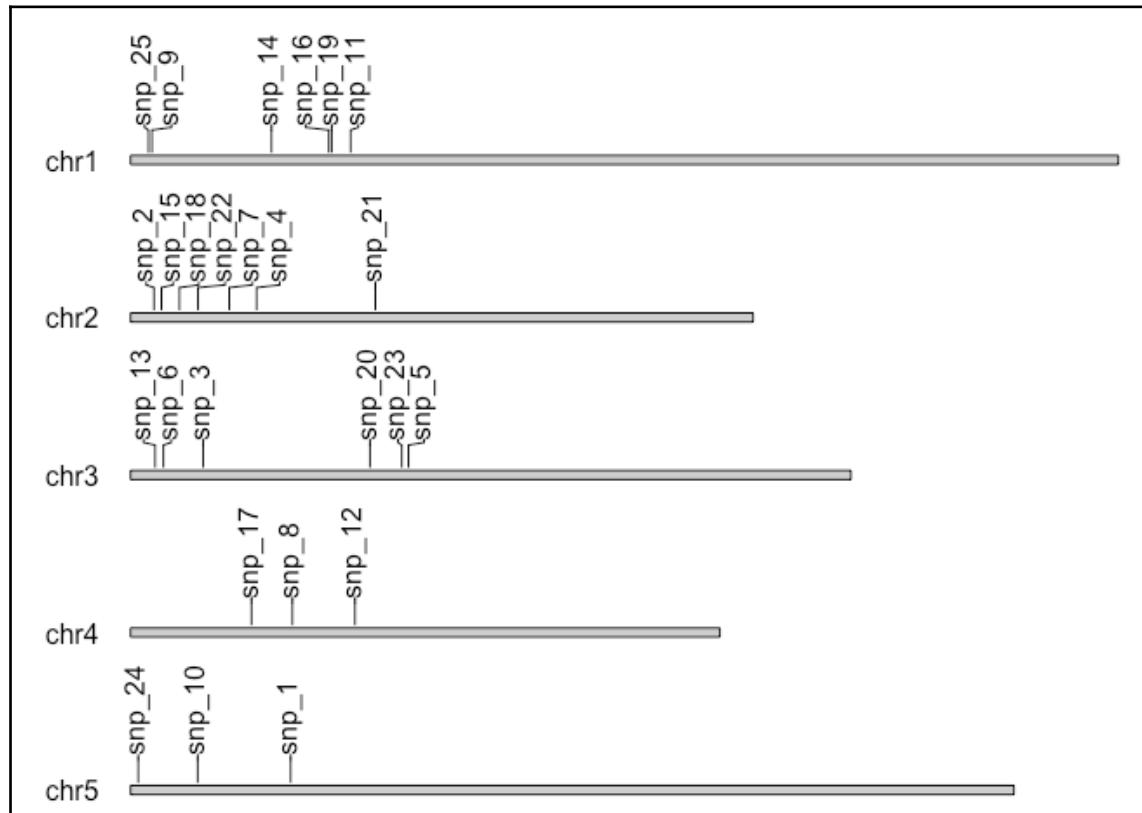


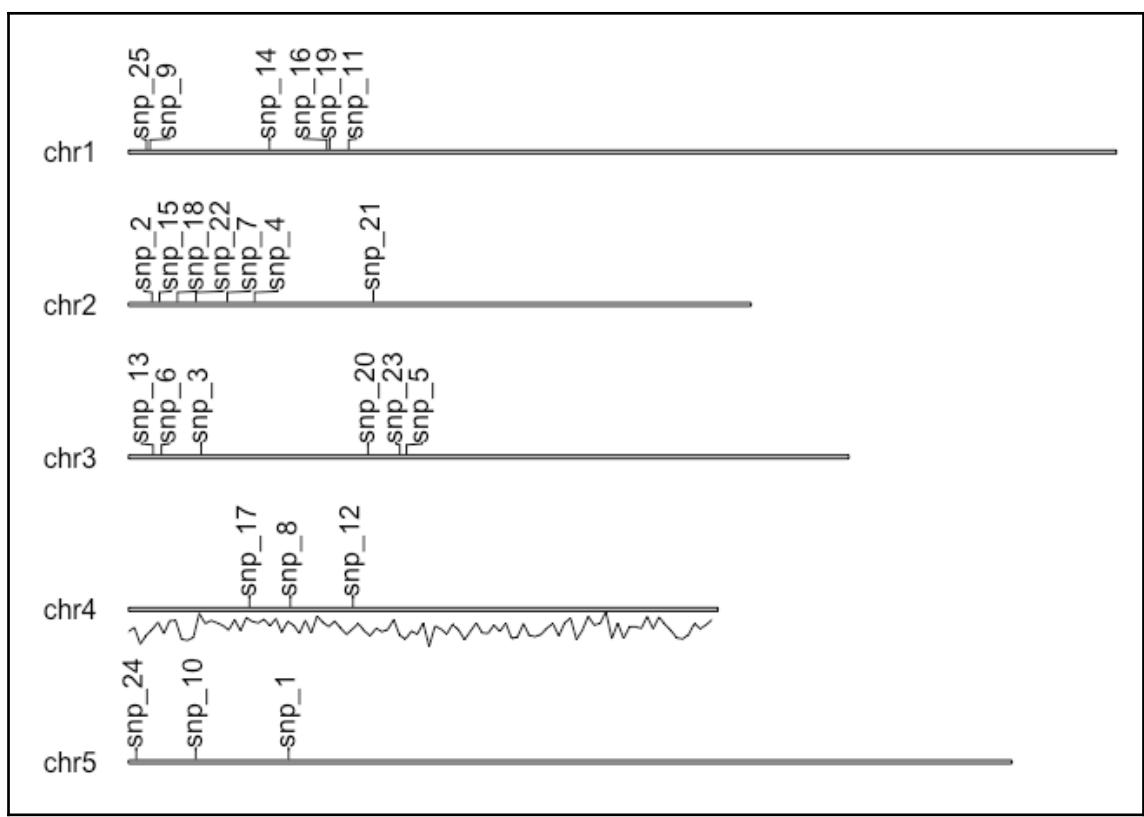


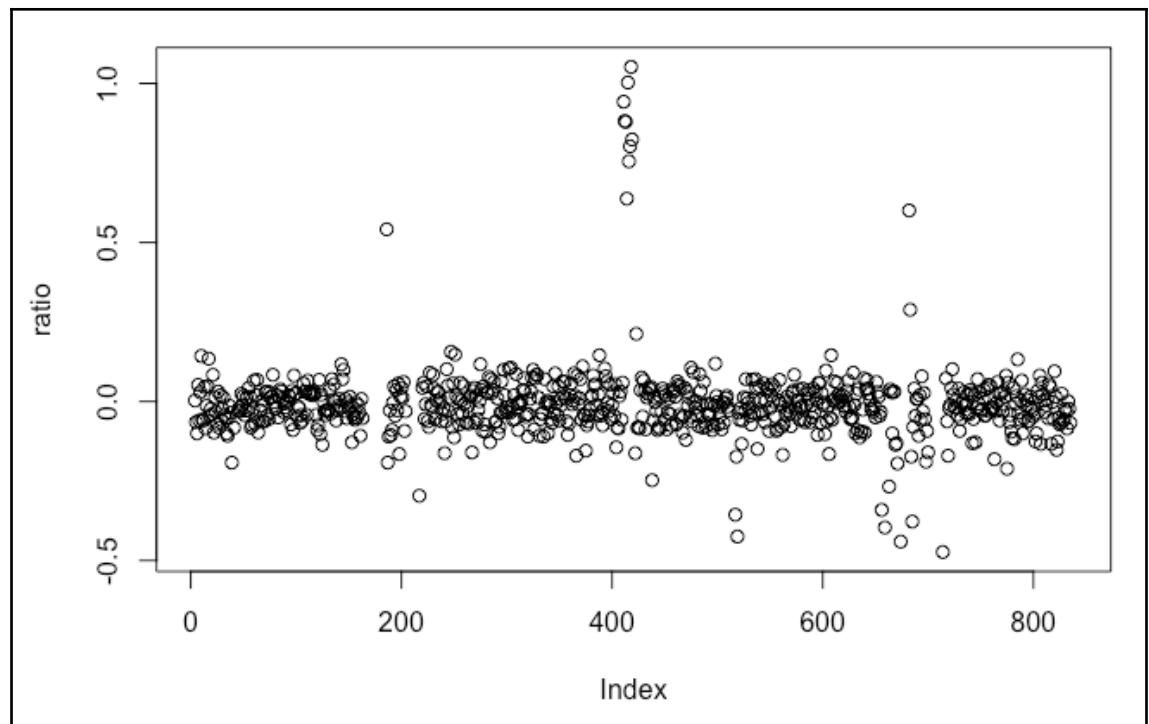




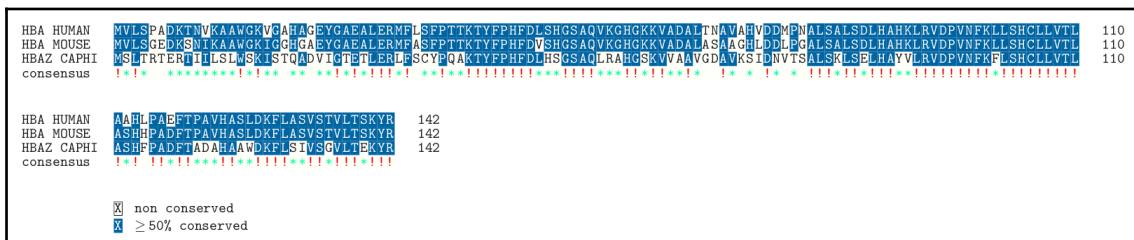
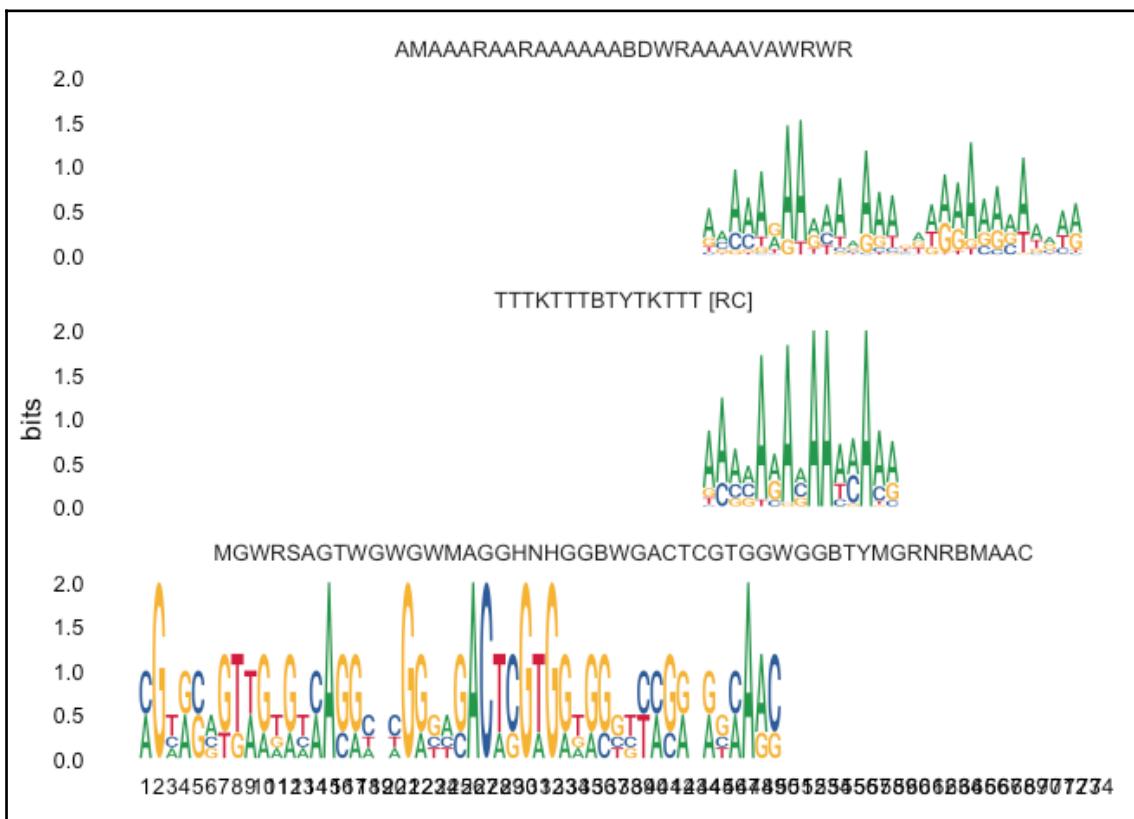
Chapter 2: Finding Genetic Variants with HTS Data

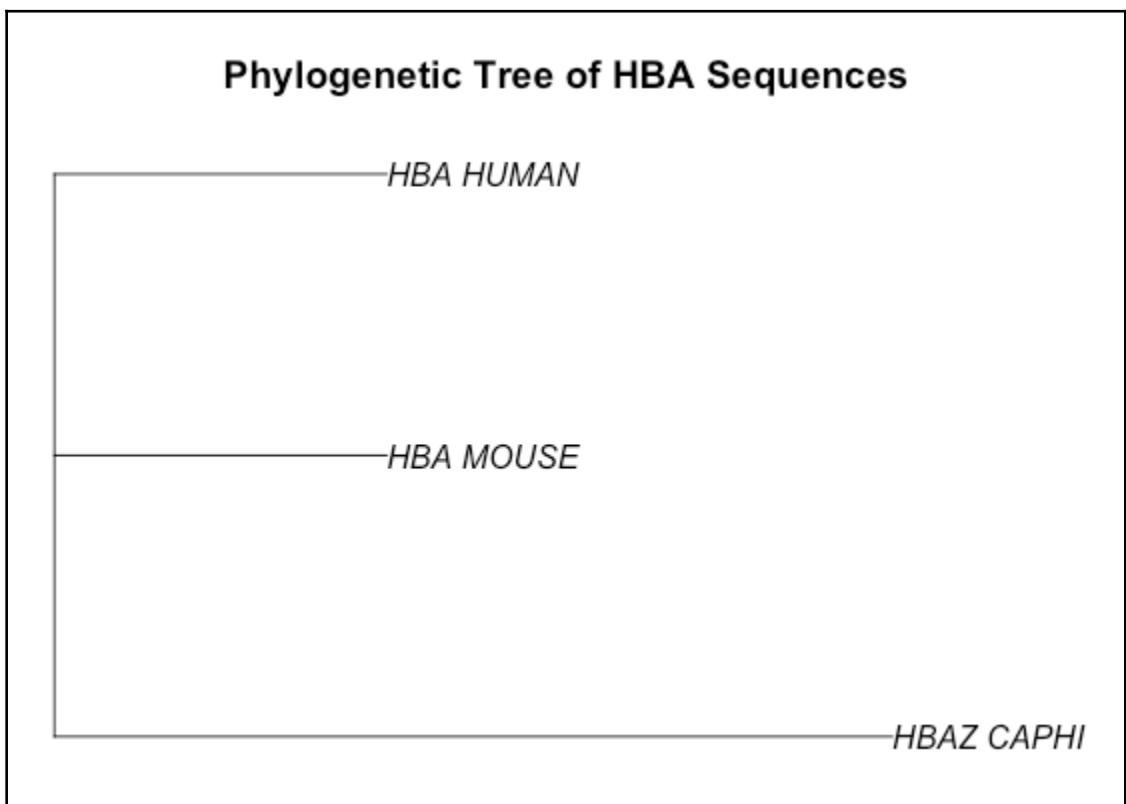
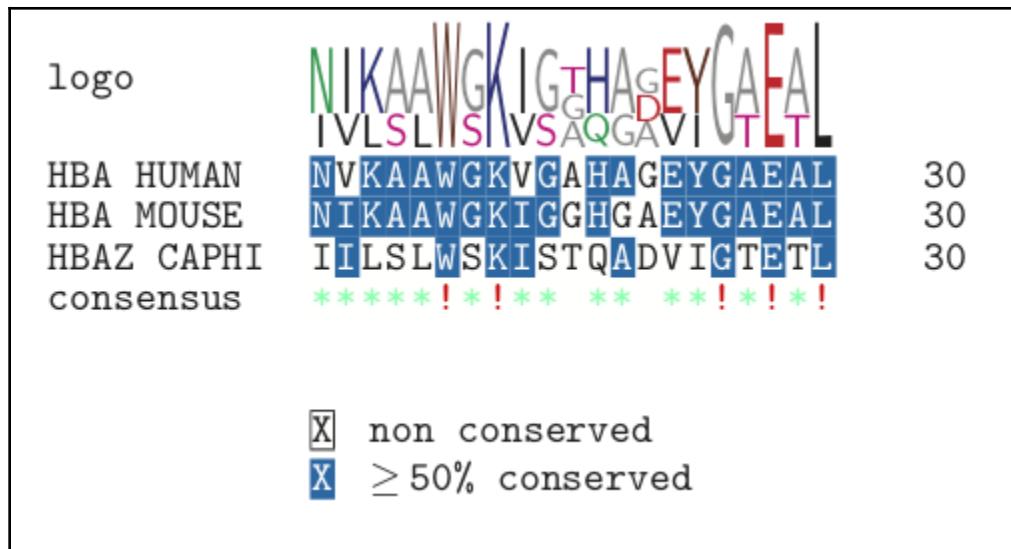


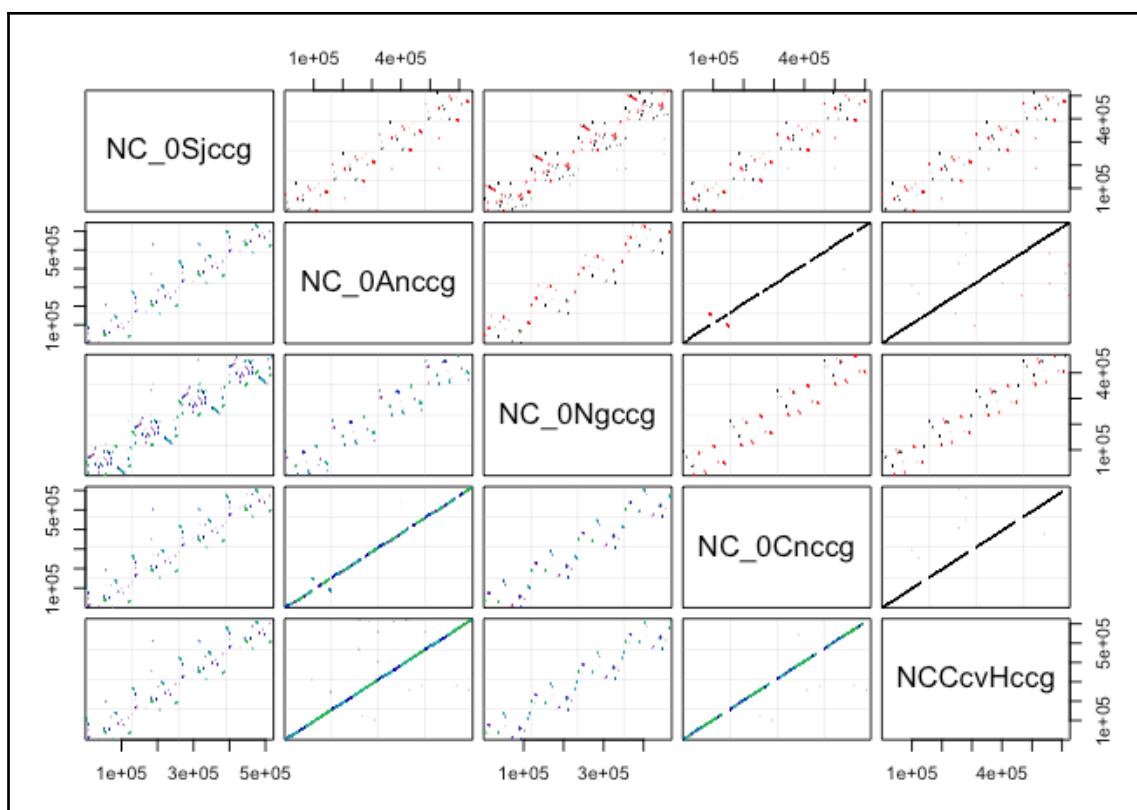


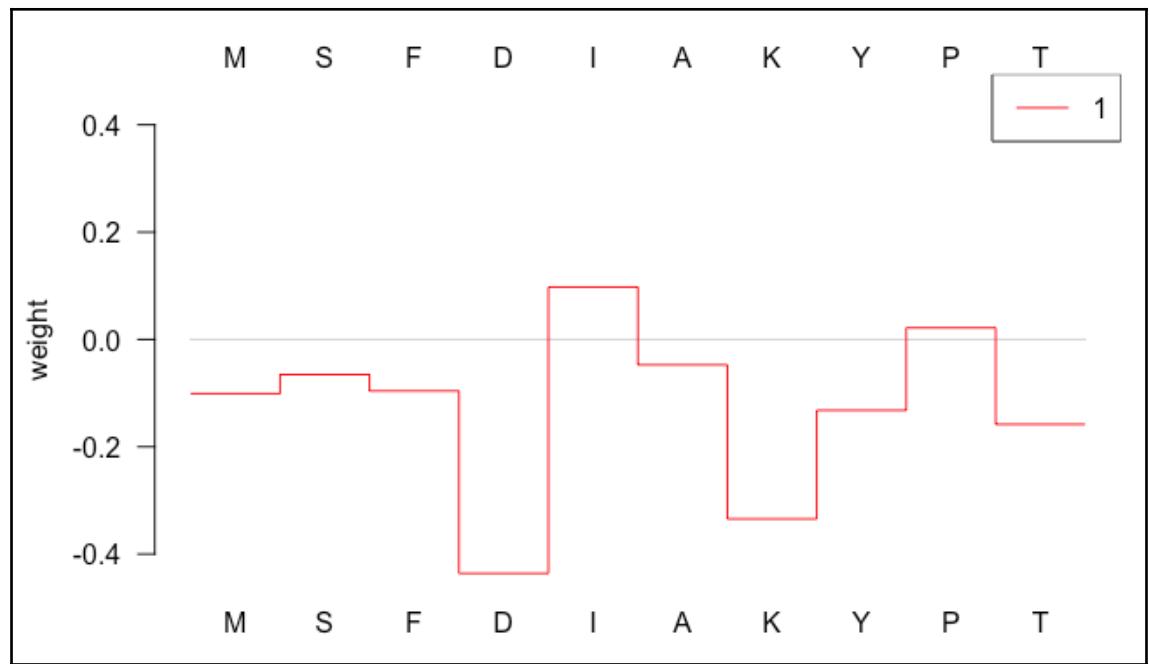


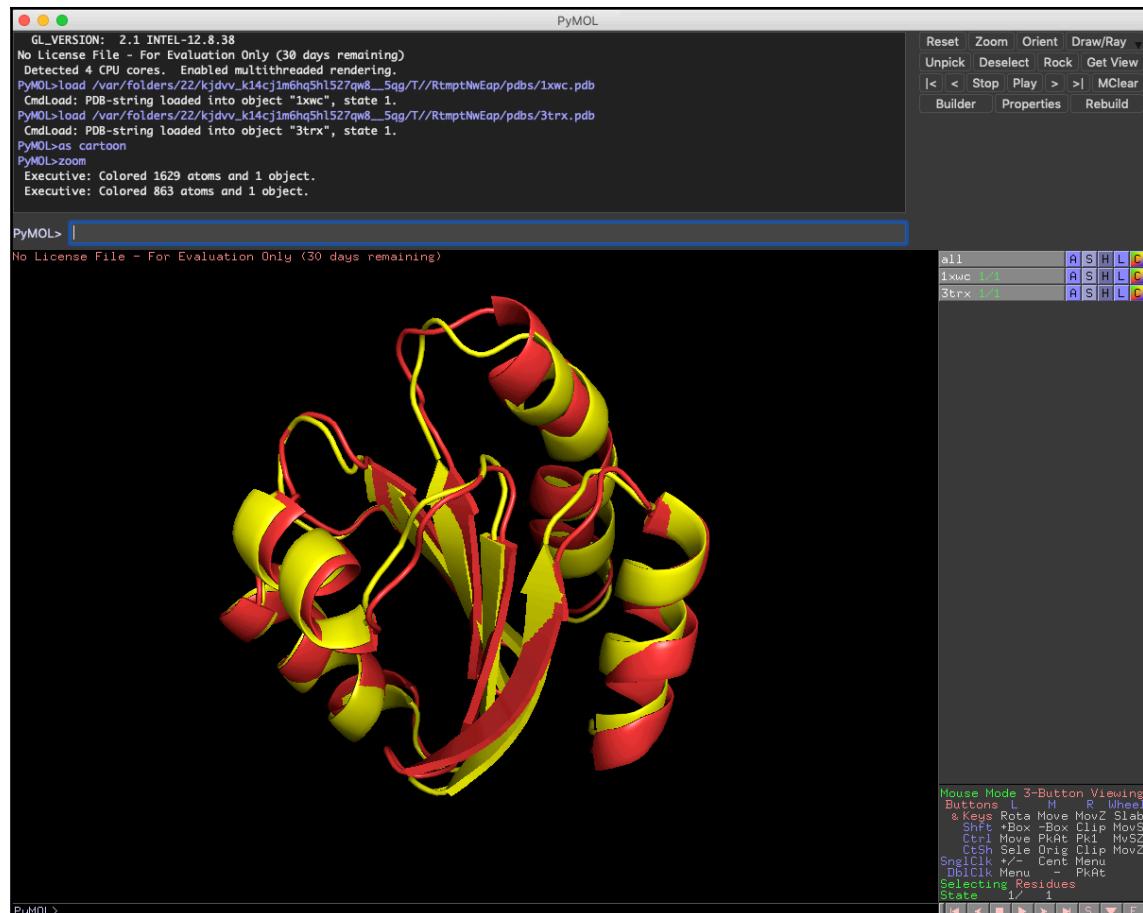
Chapter 3: Searching Genes and Proteins for Domains and Motifs



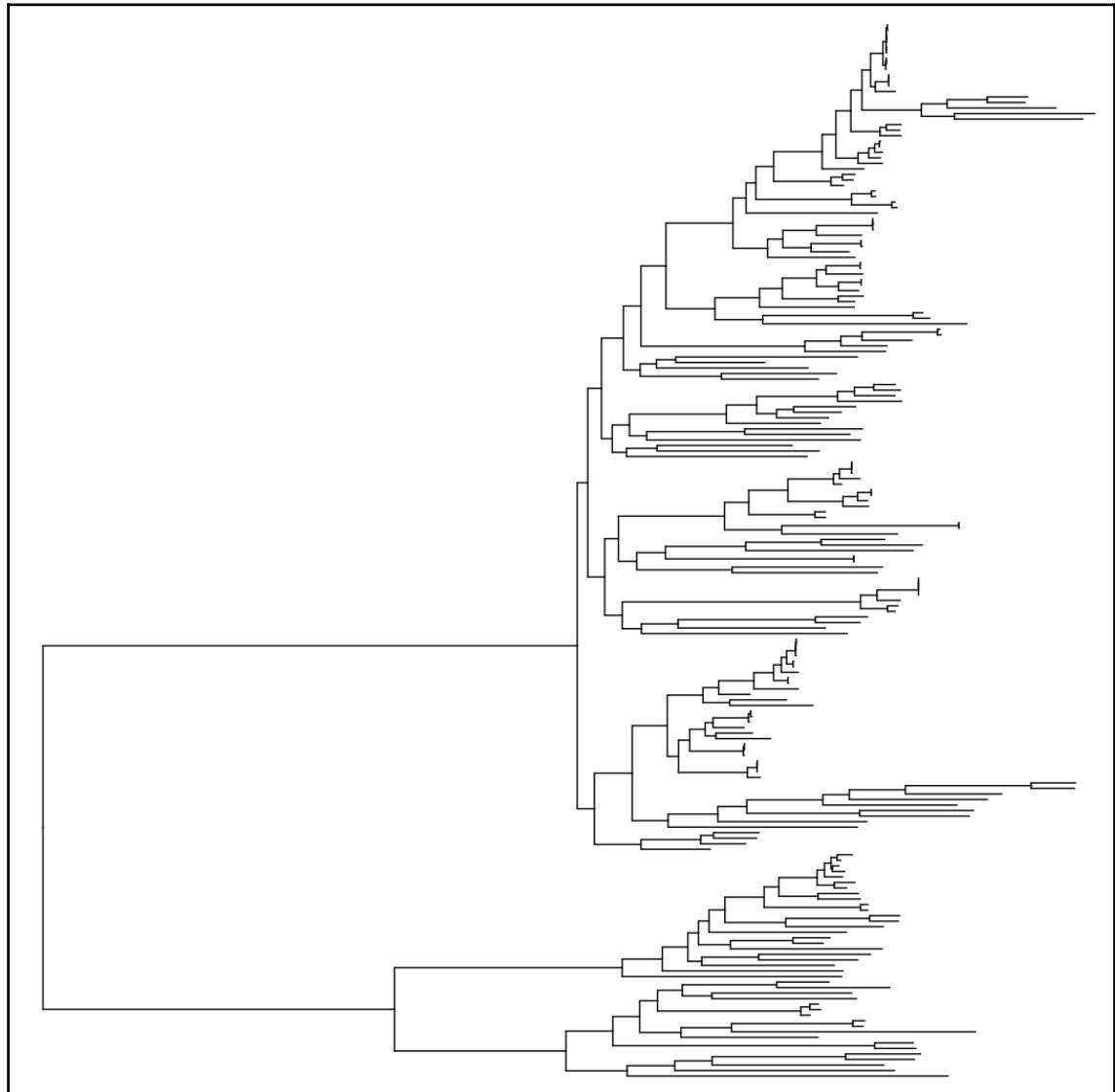


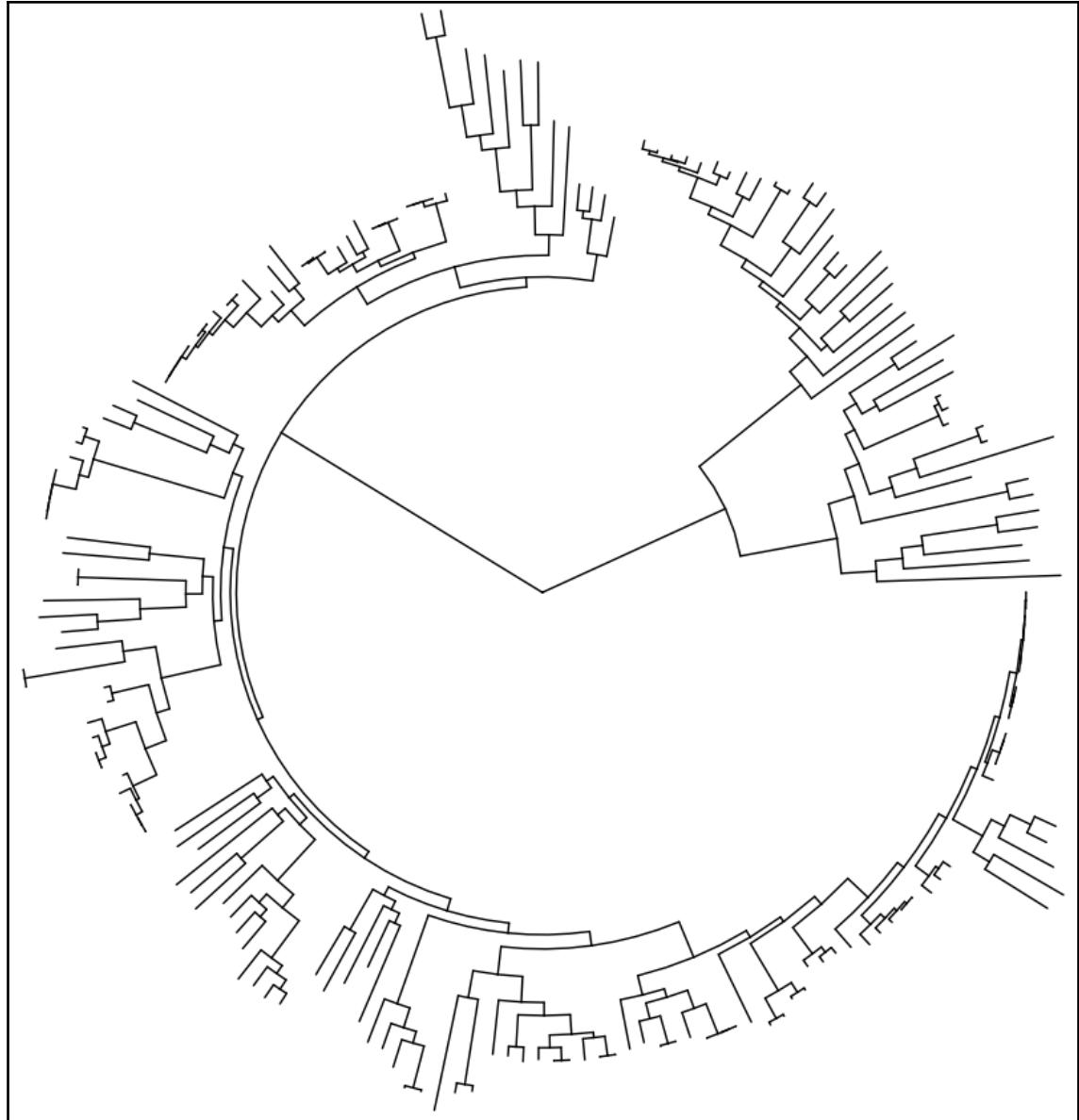


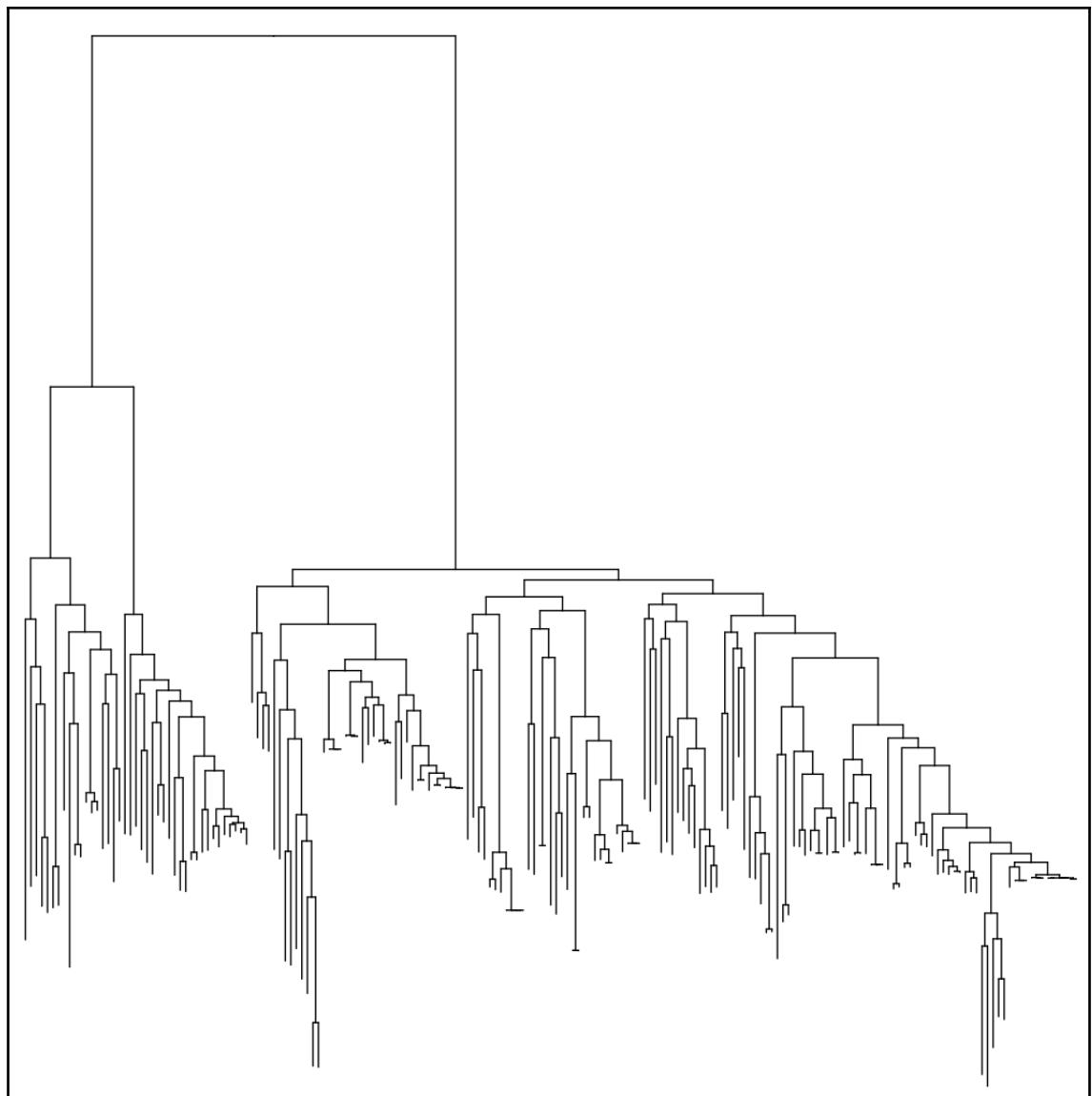


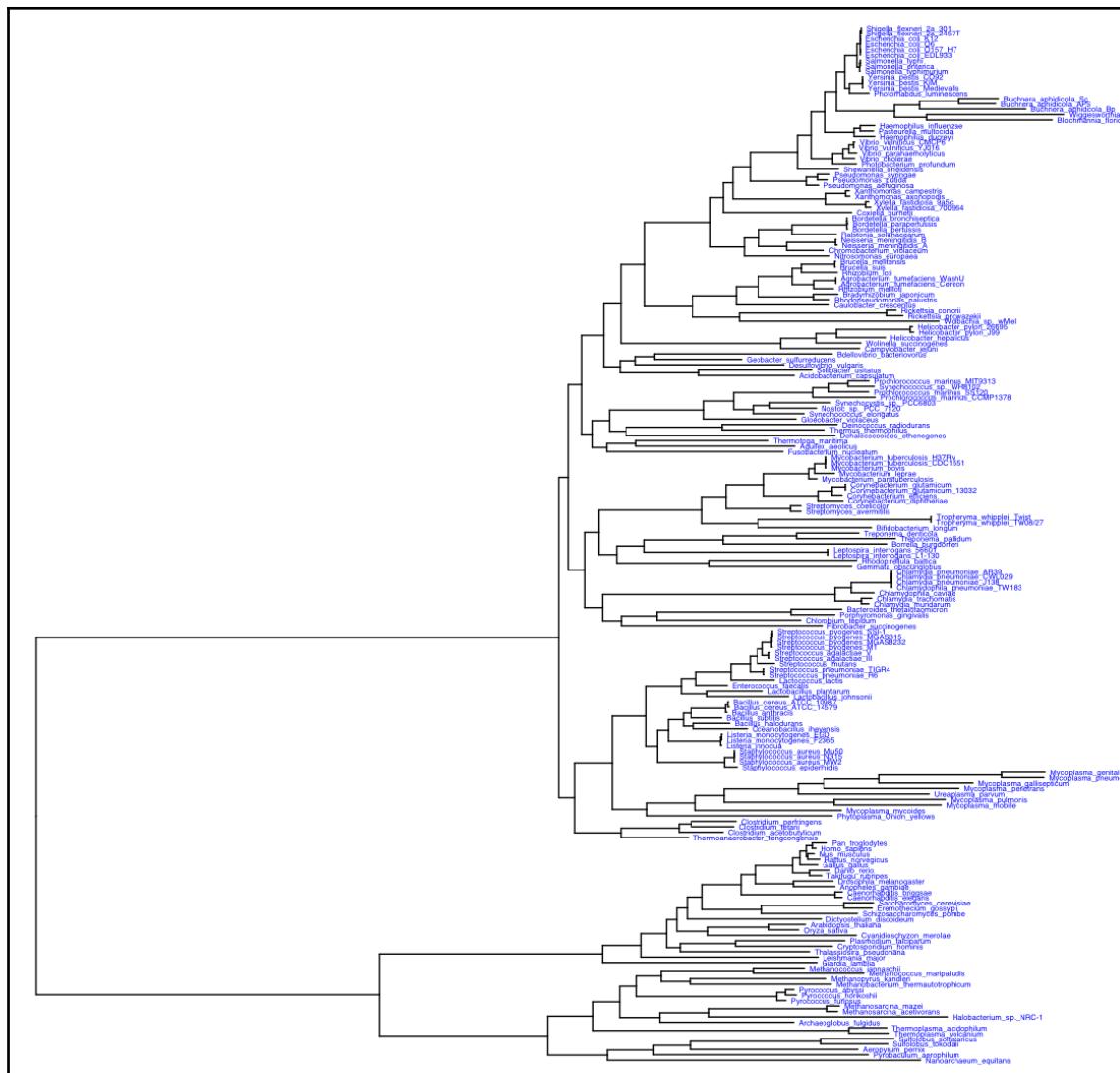


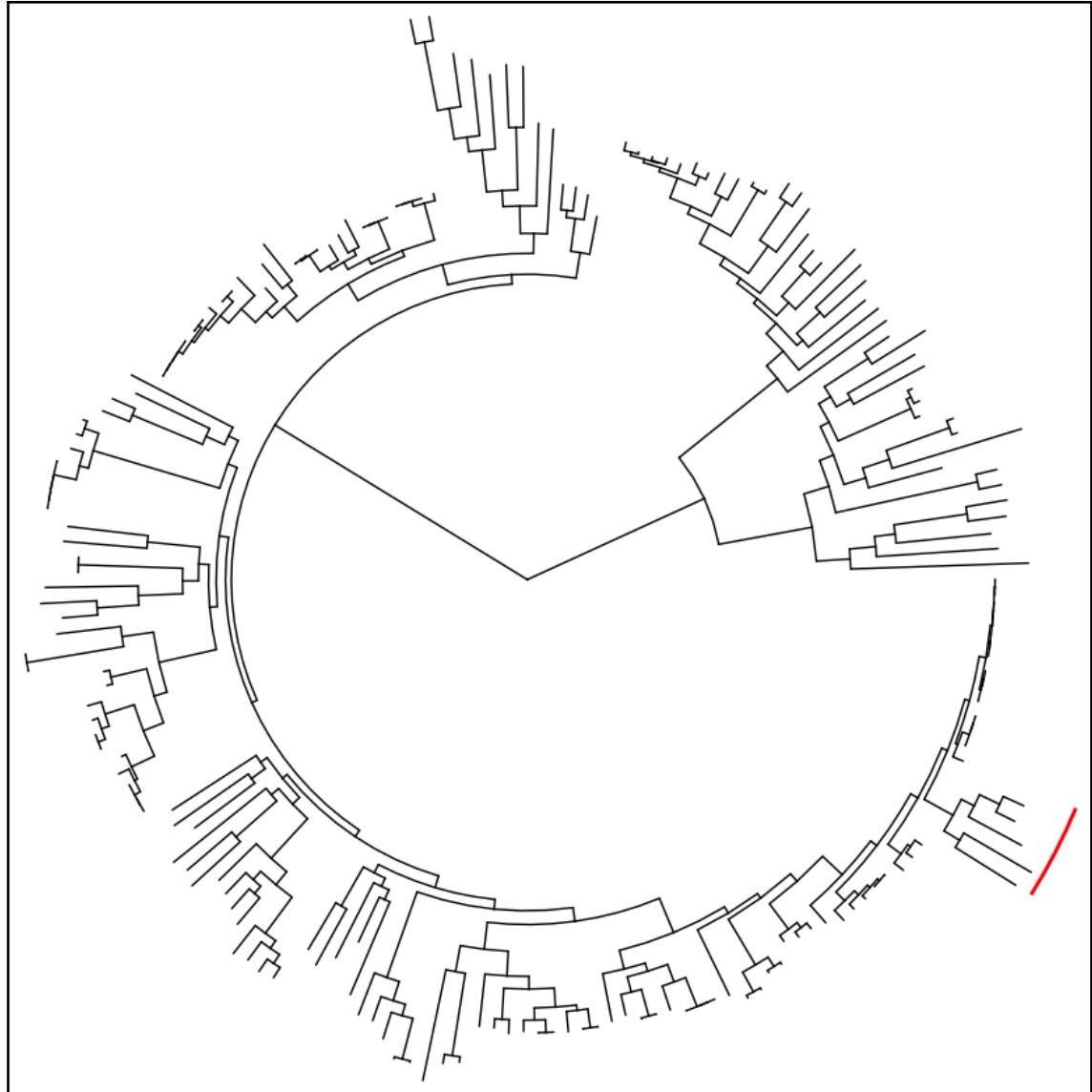
Chapter 4: Phylogenetic Analysis and Visualization

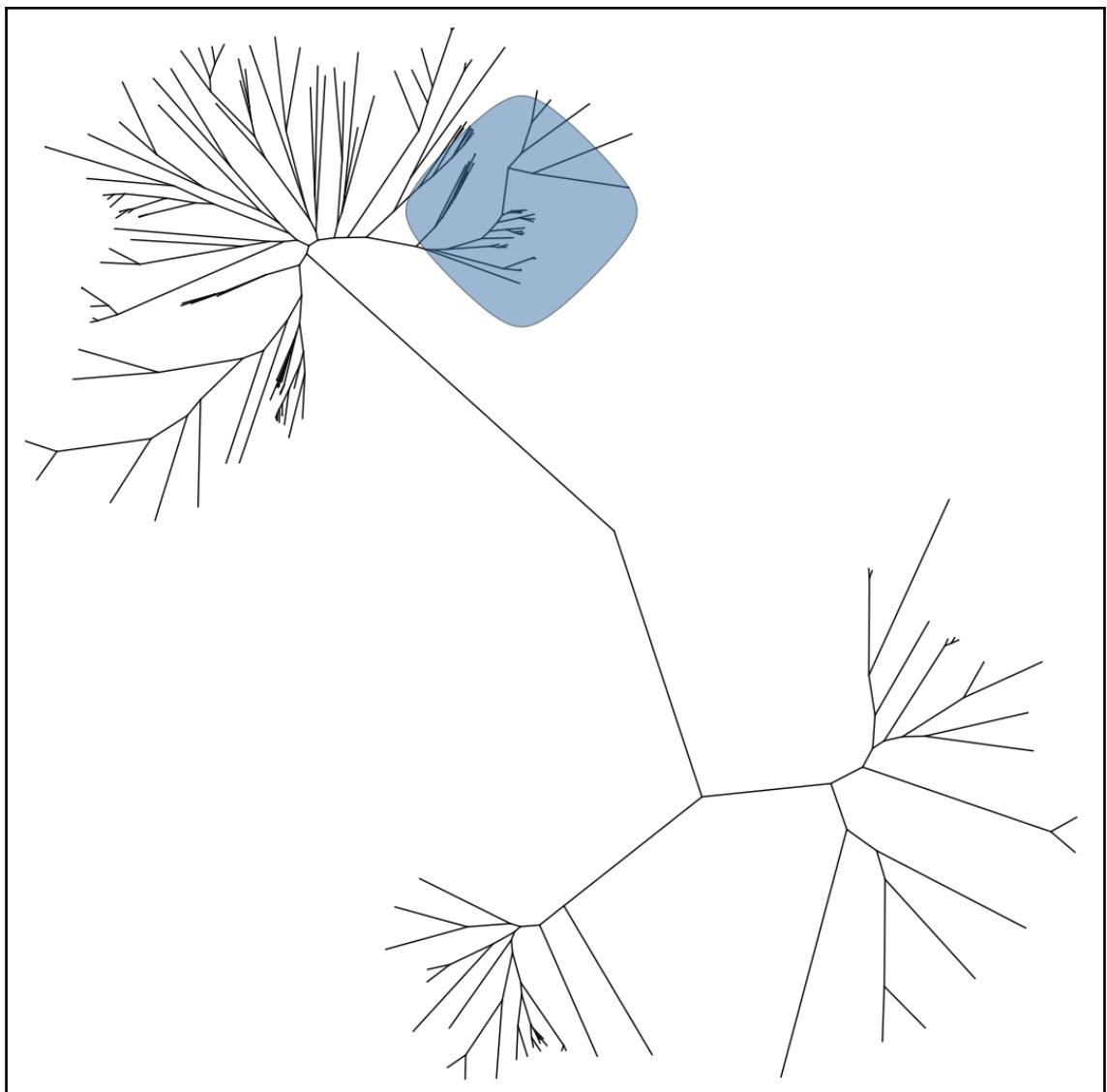


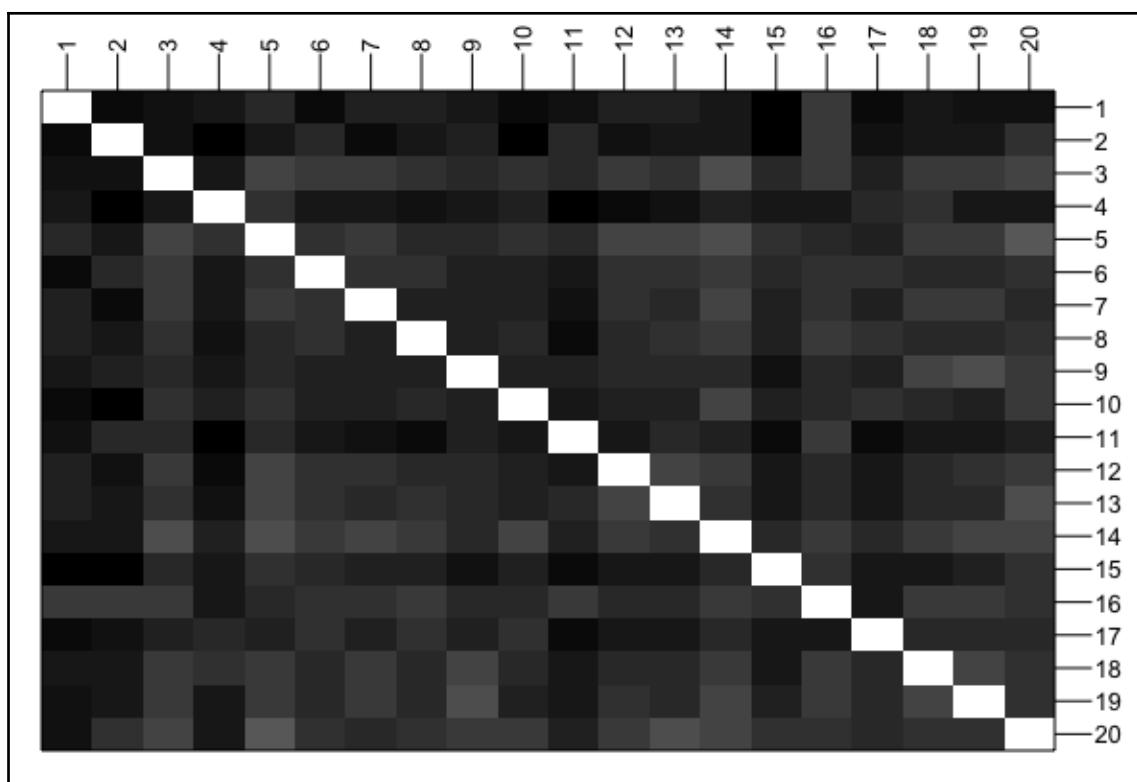


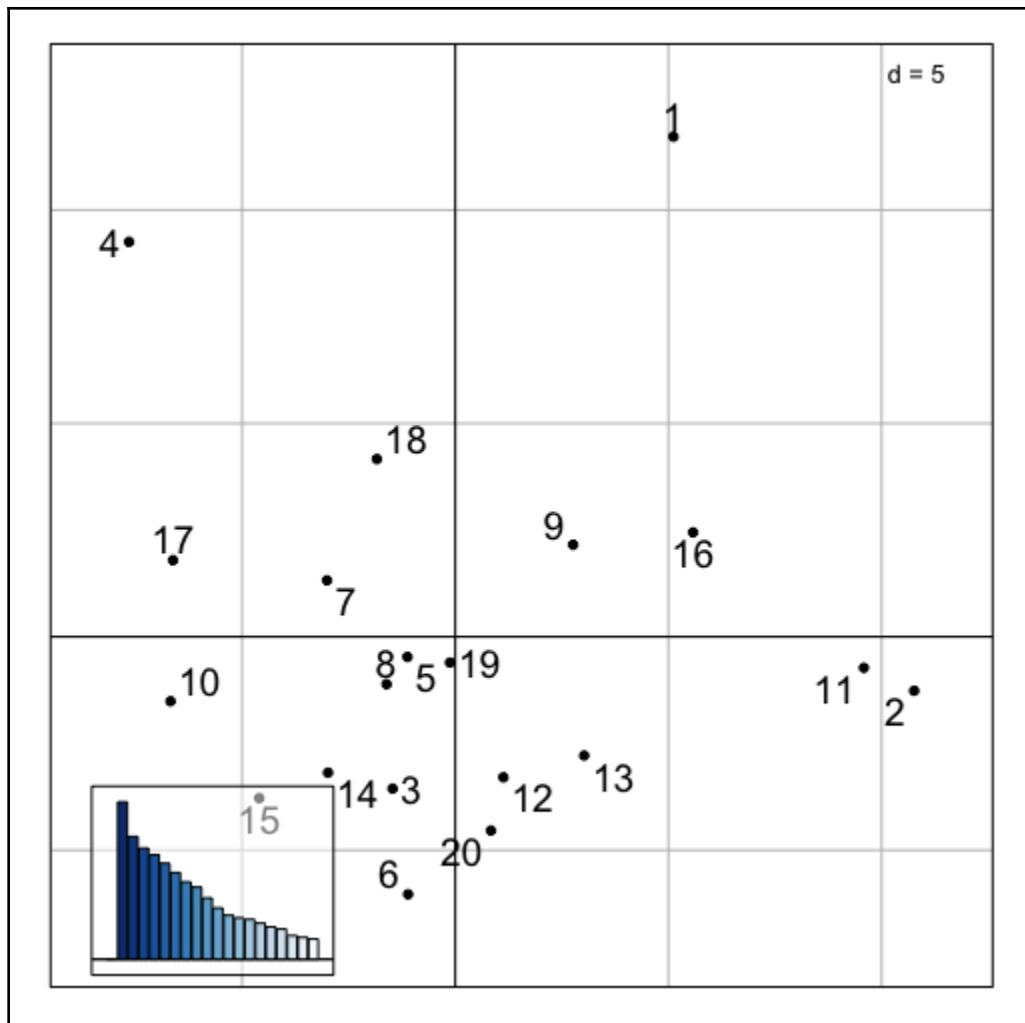


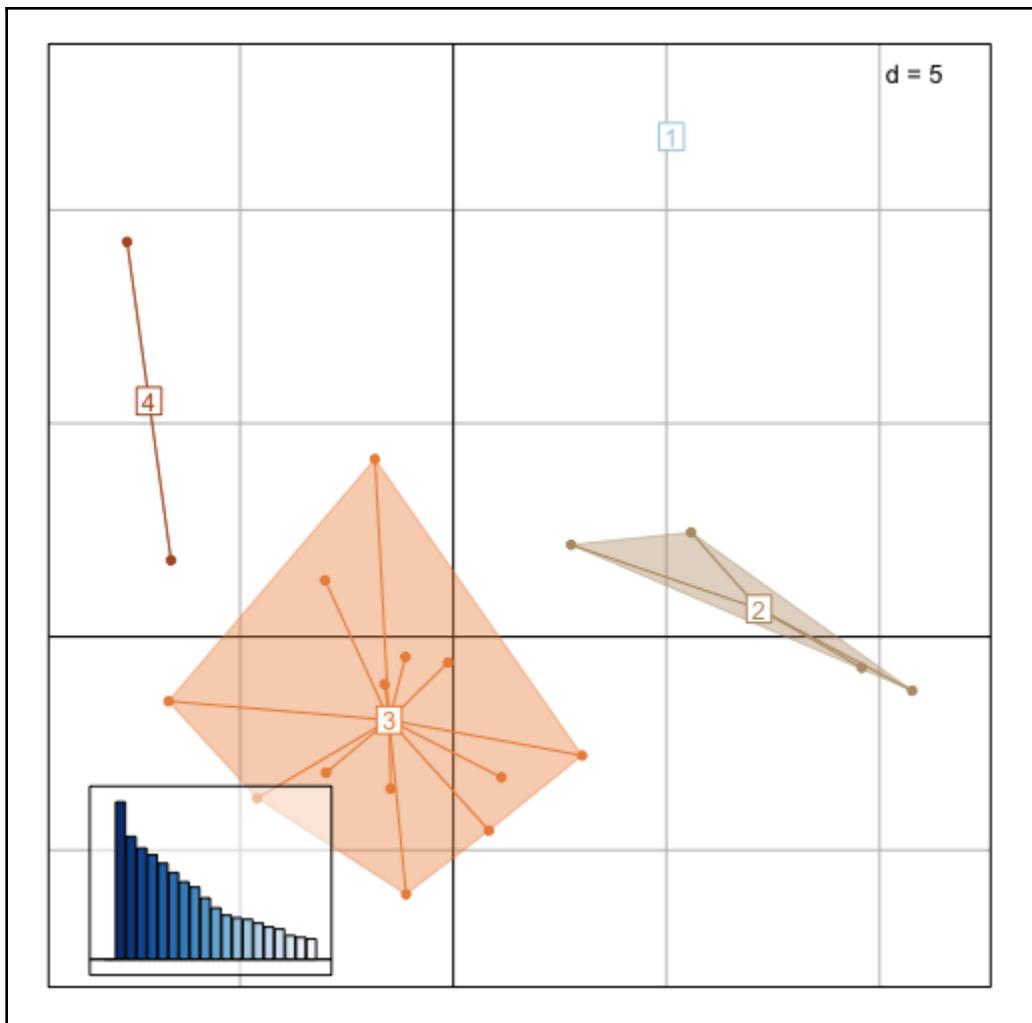


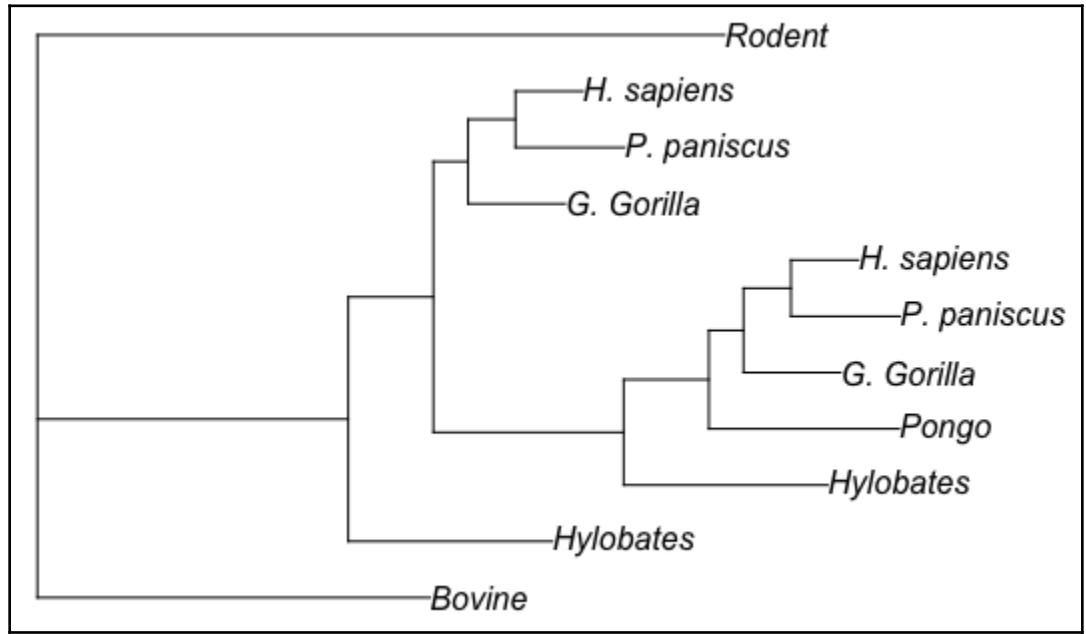
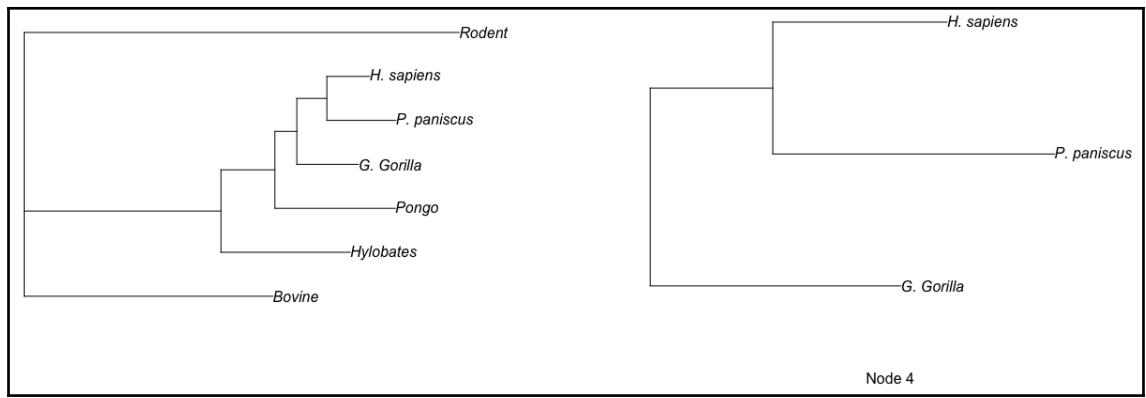




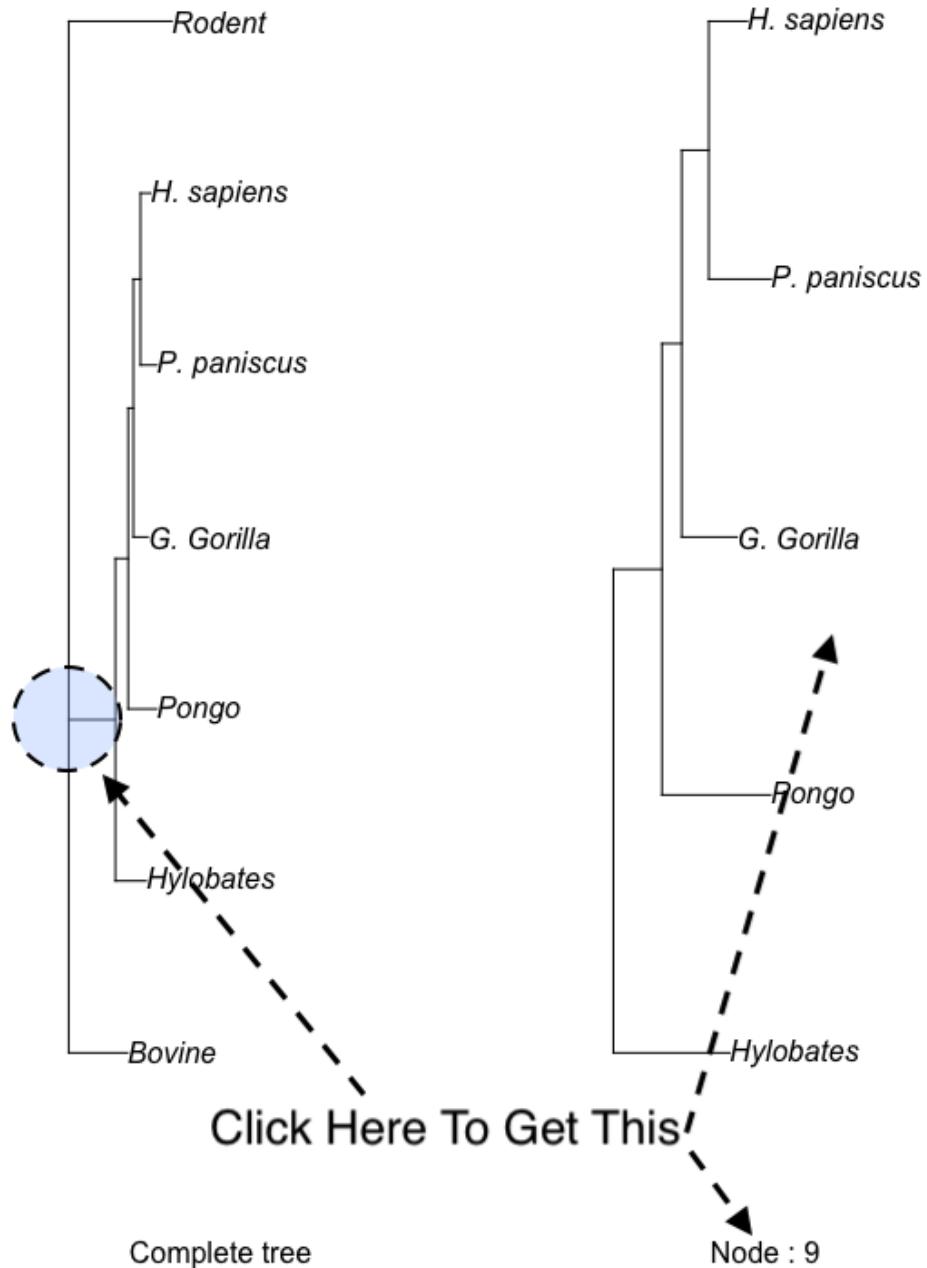


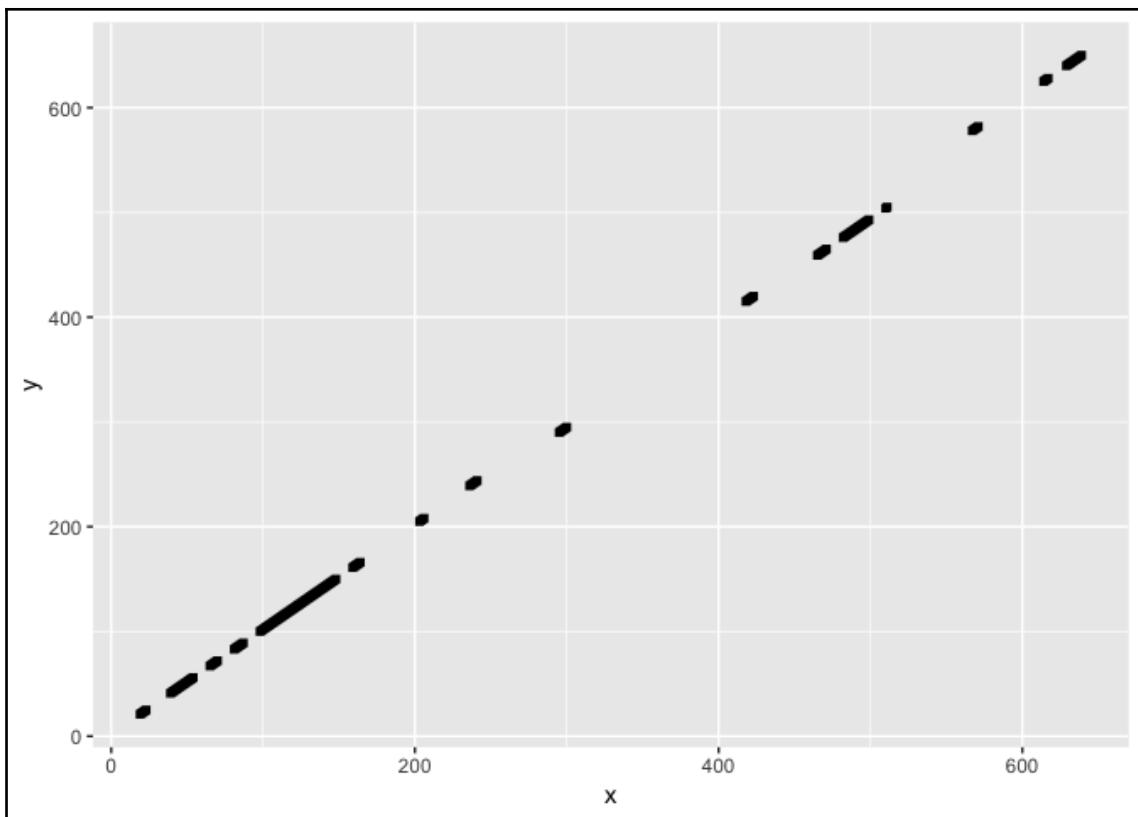


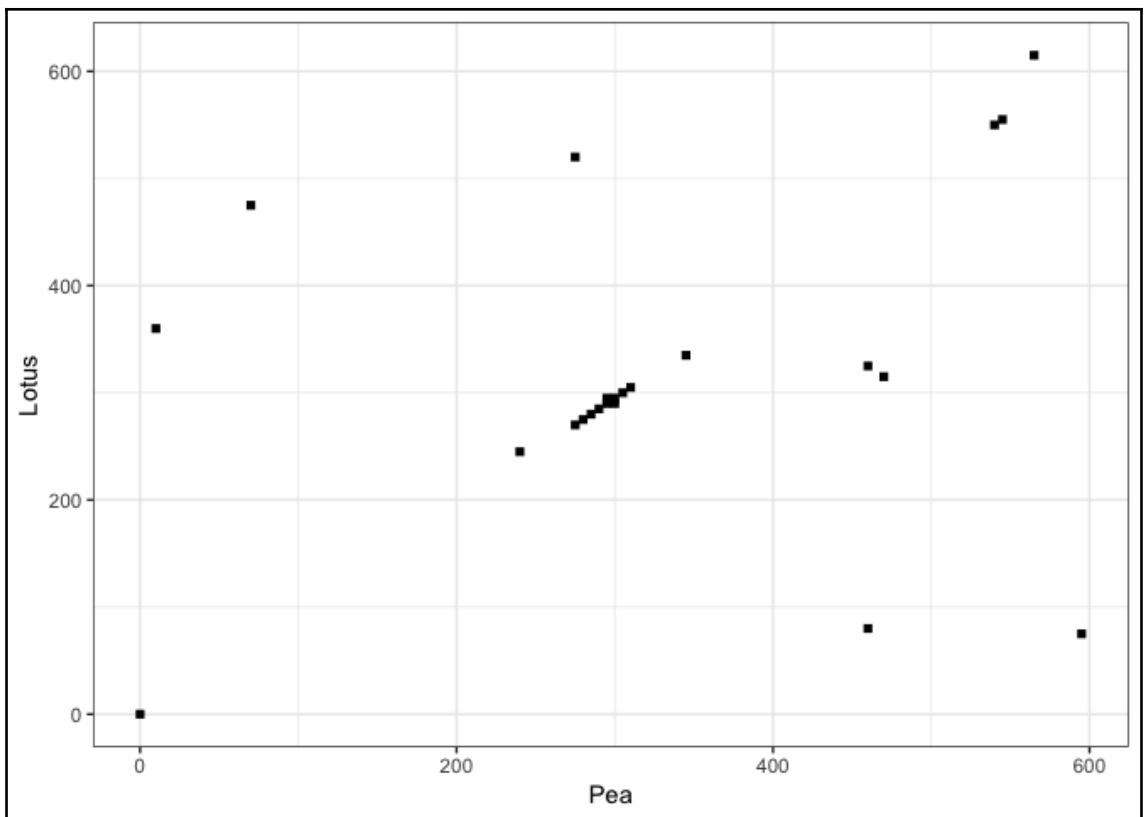


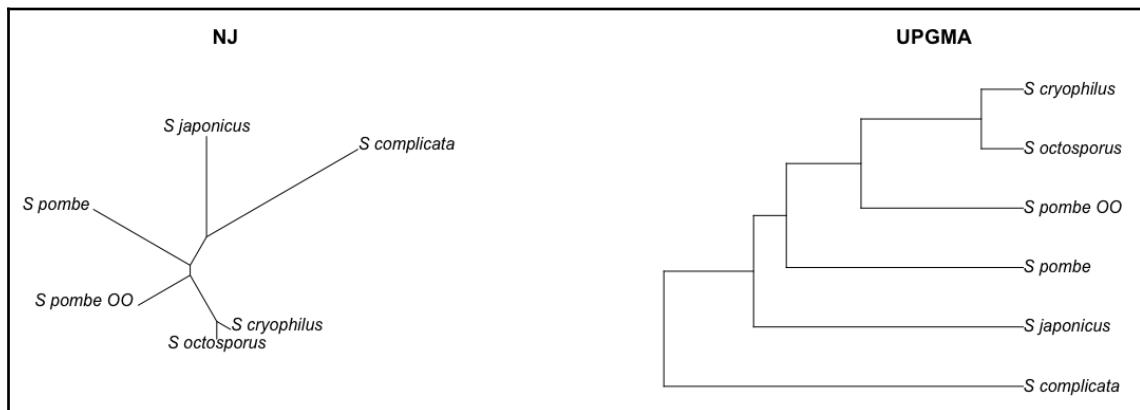
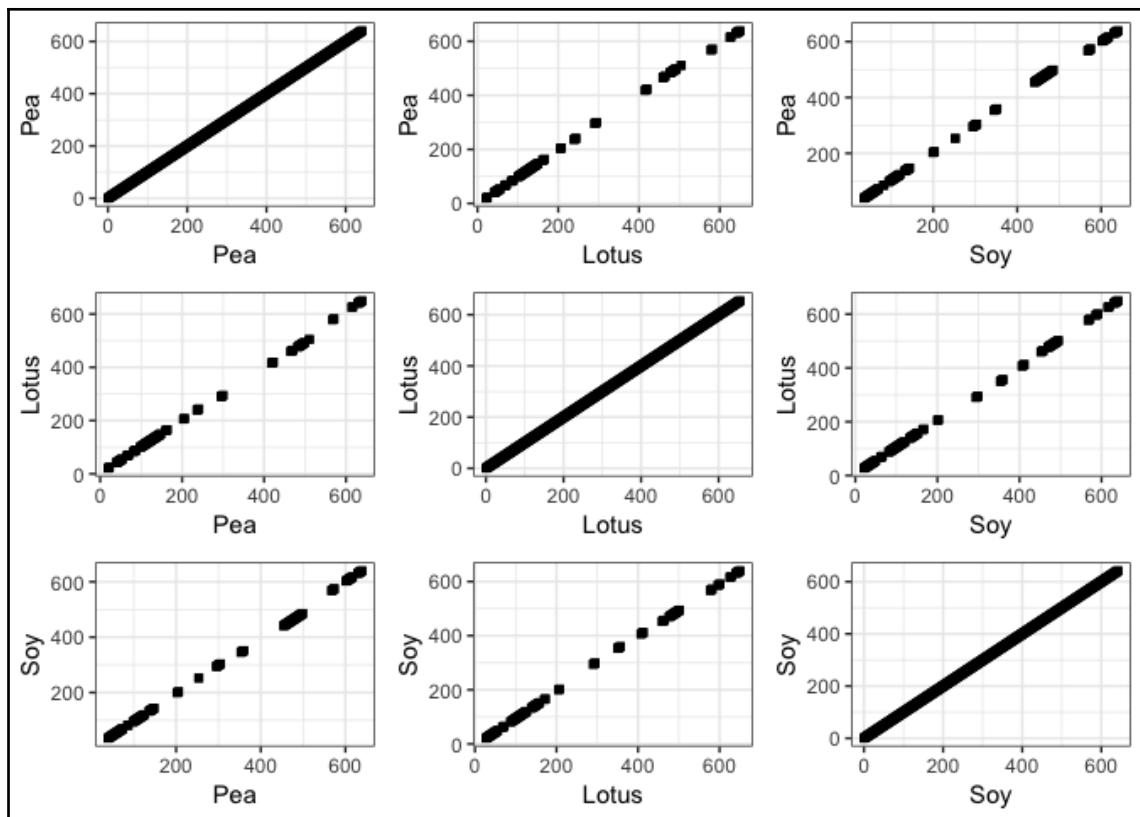


Type ESC or right click to exit

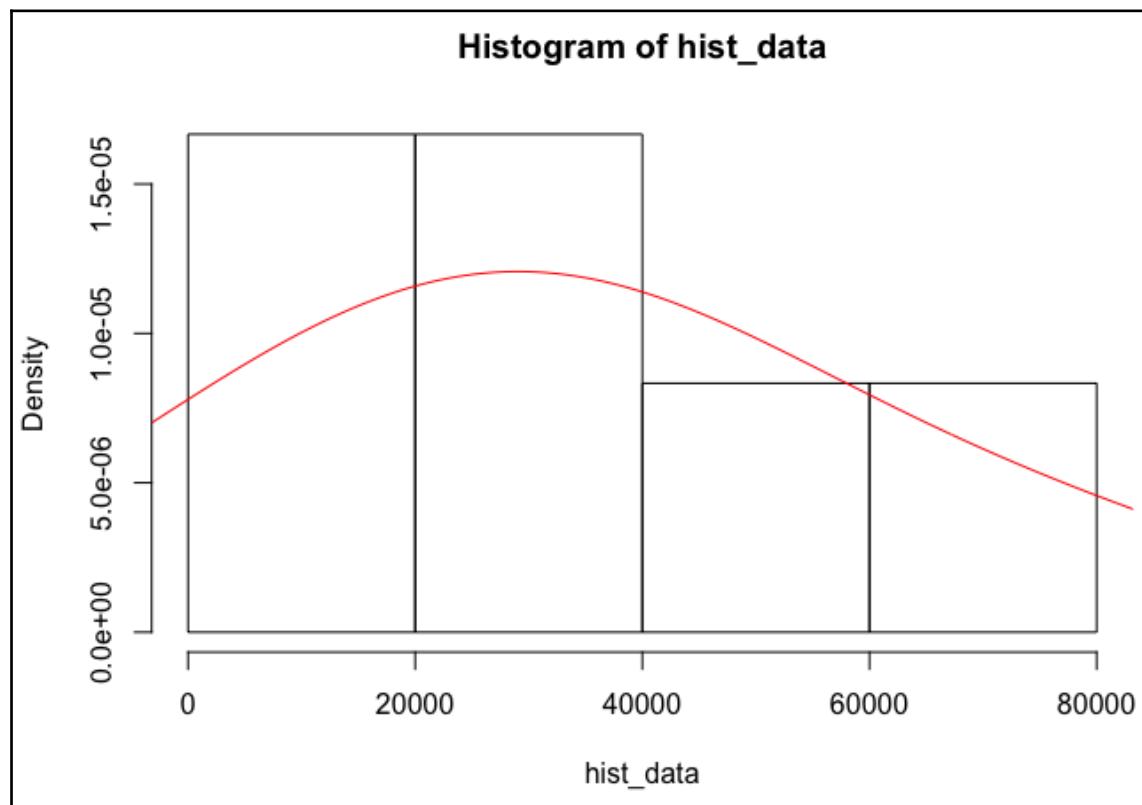


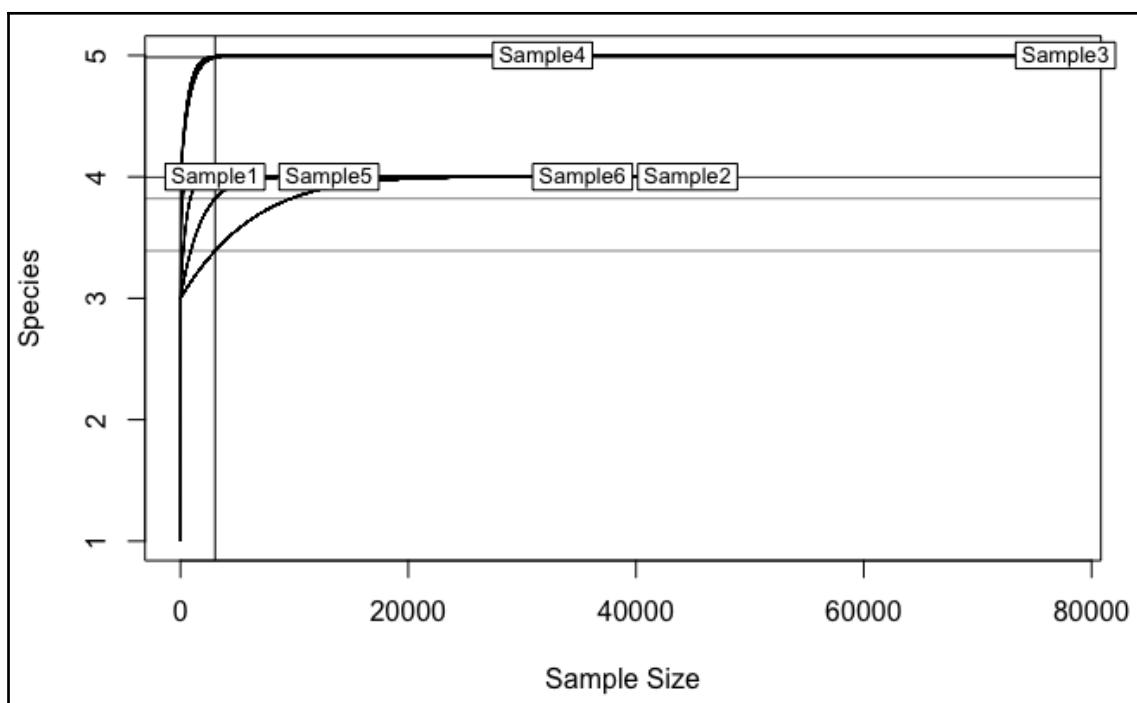


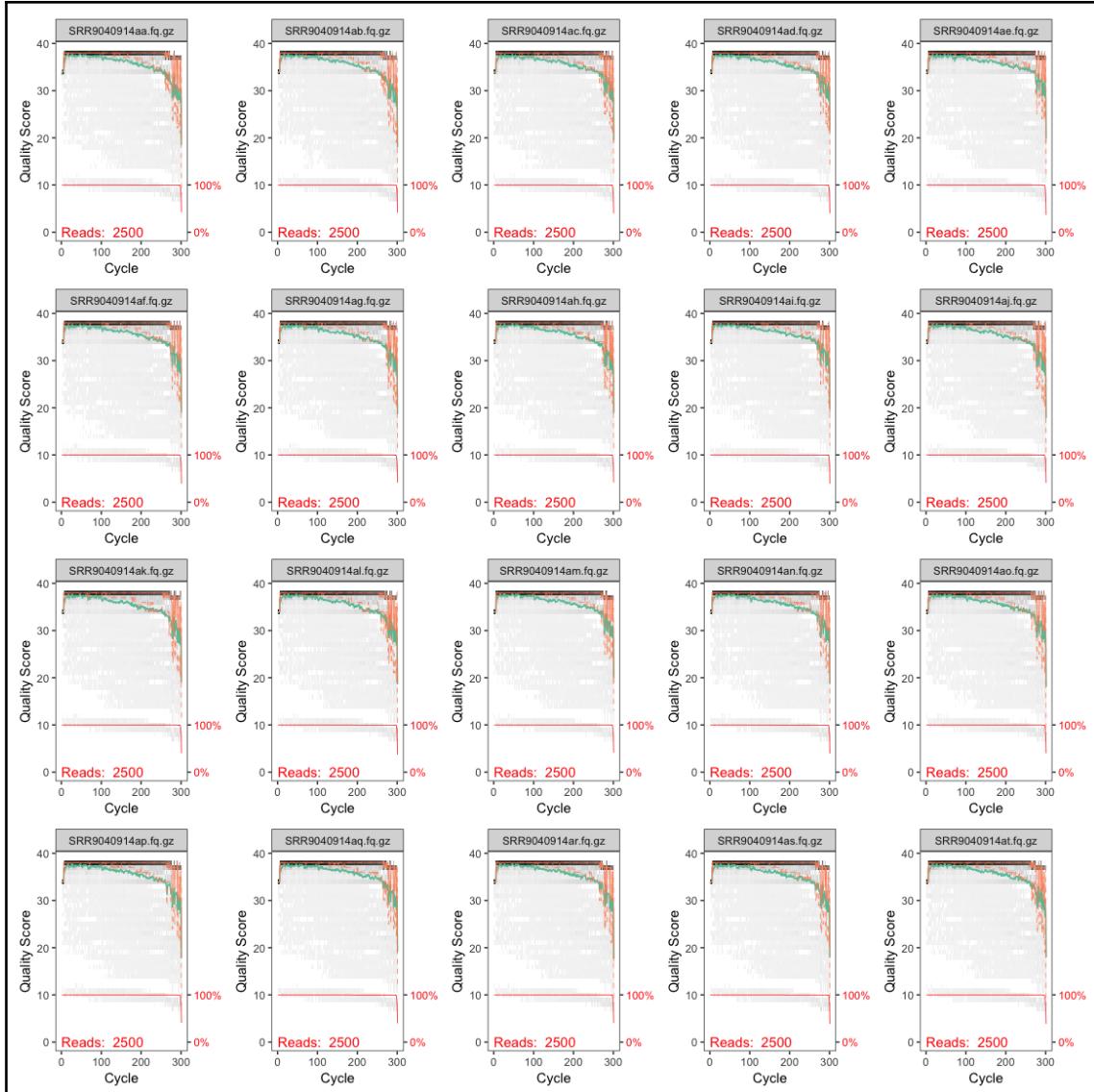




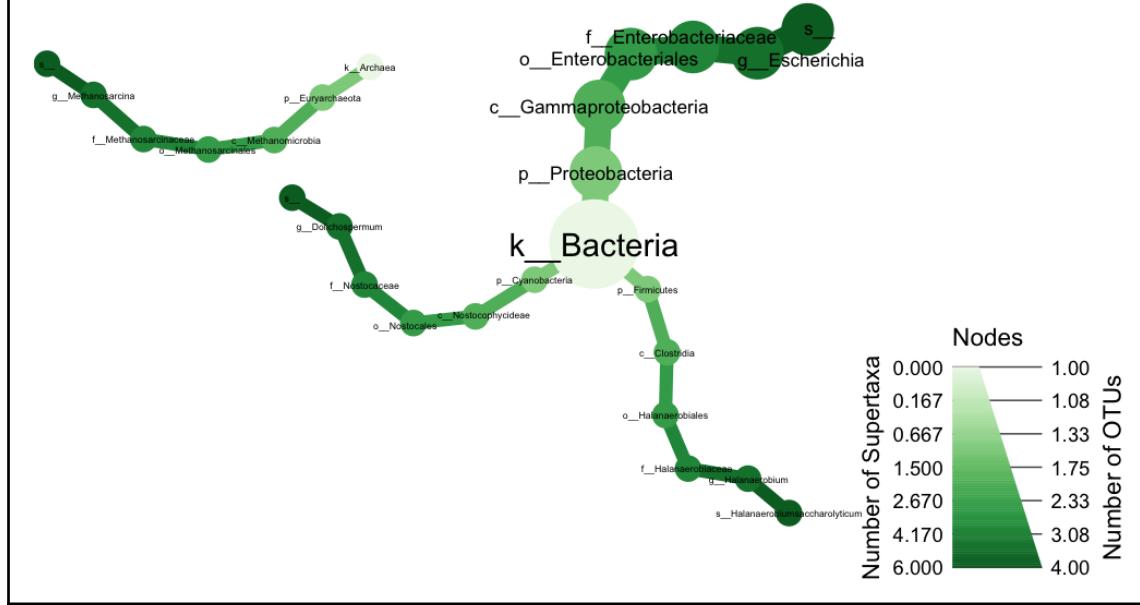
Chapter 5: Metagenomics

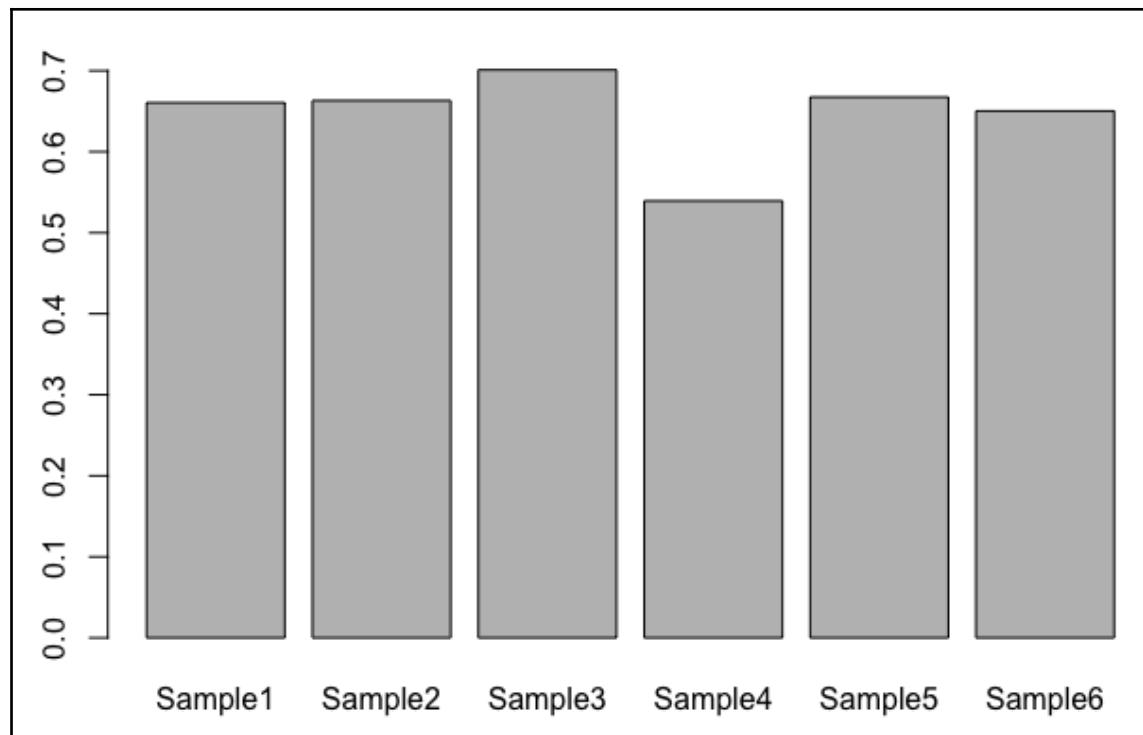


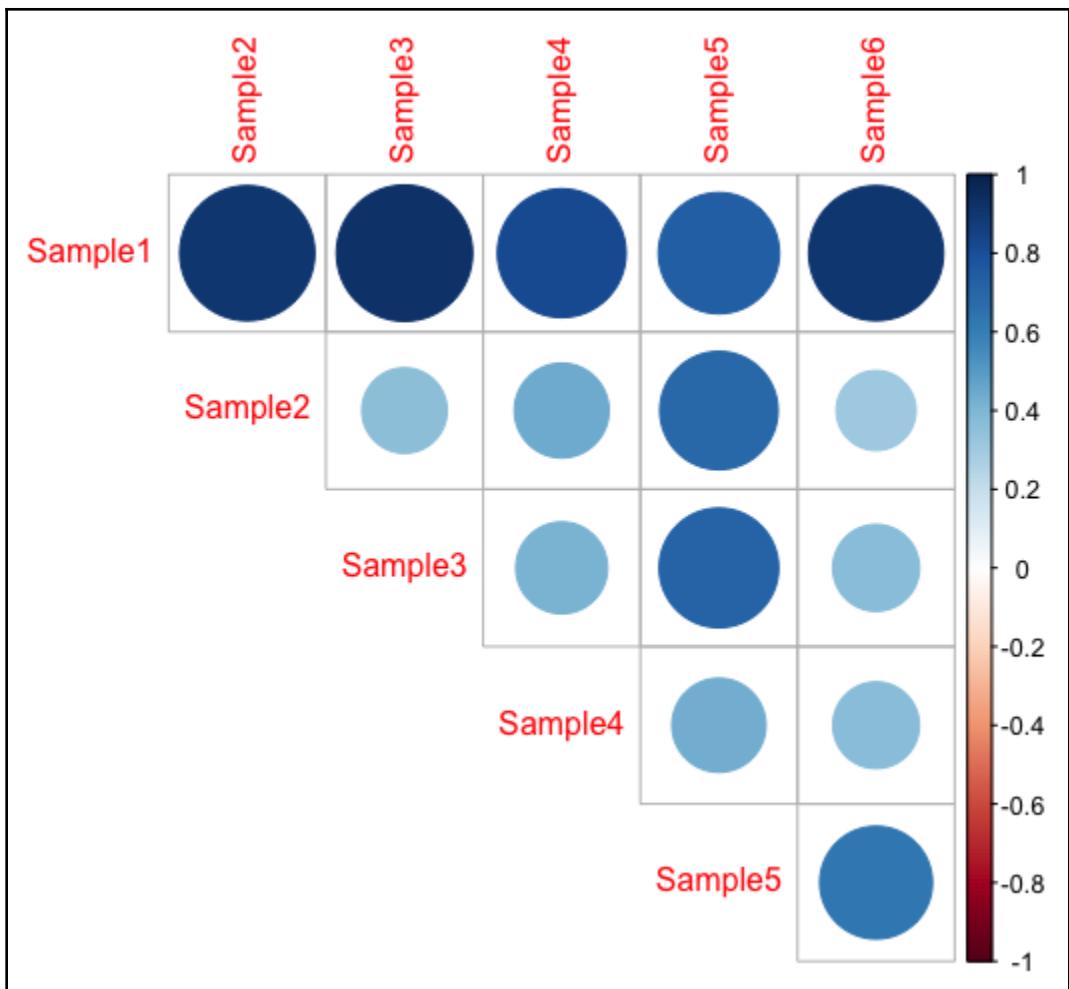




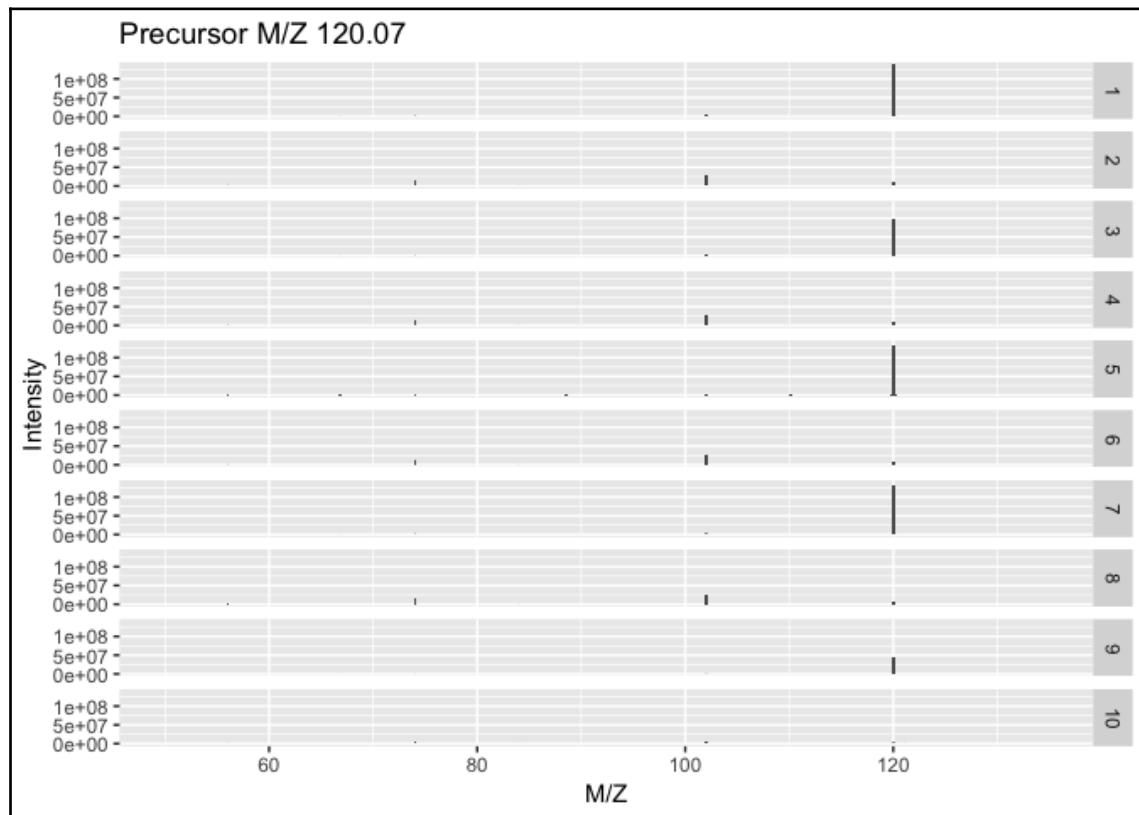
sample heat tree



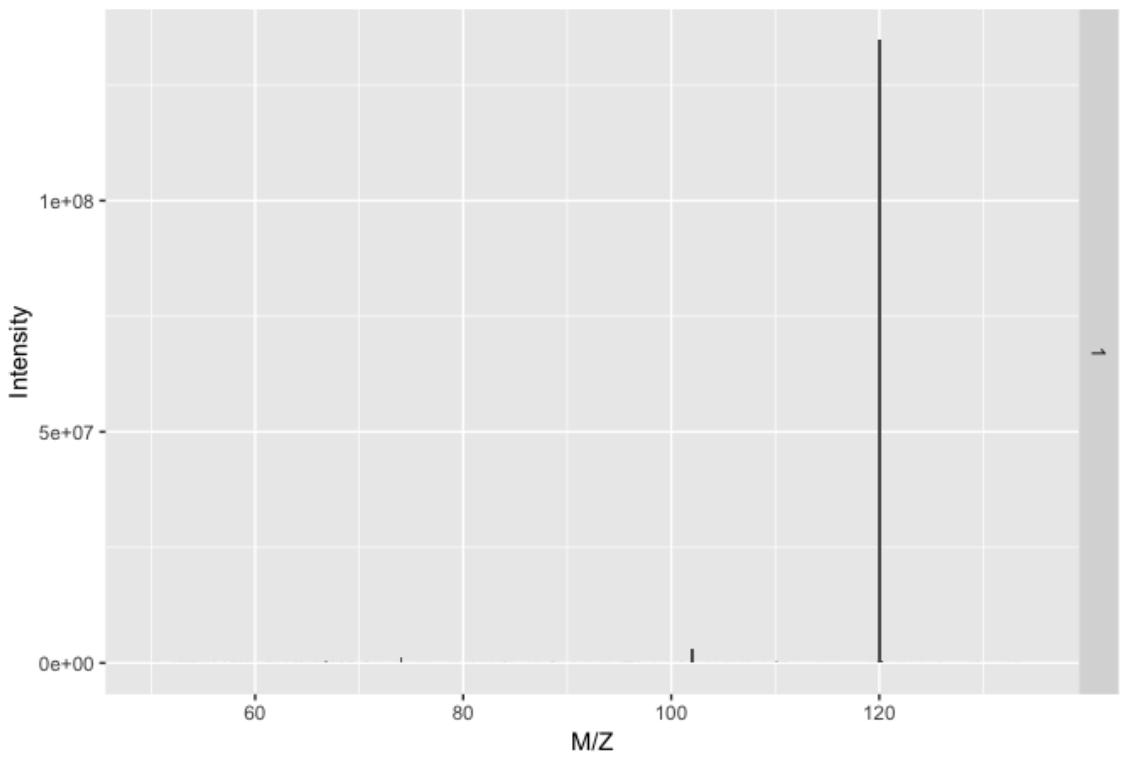


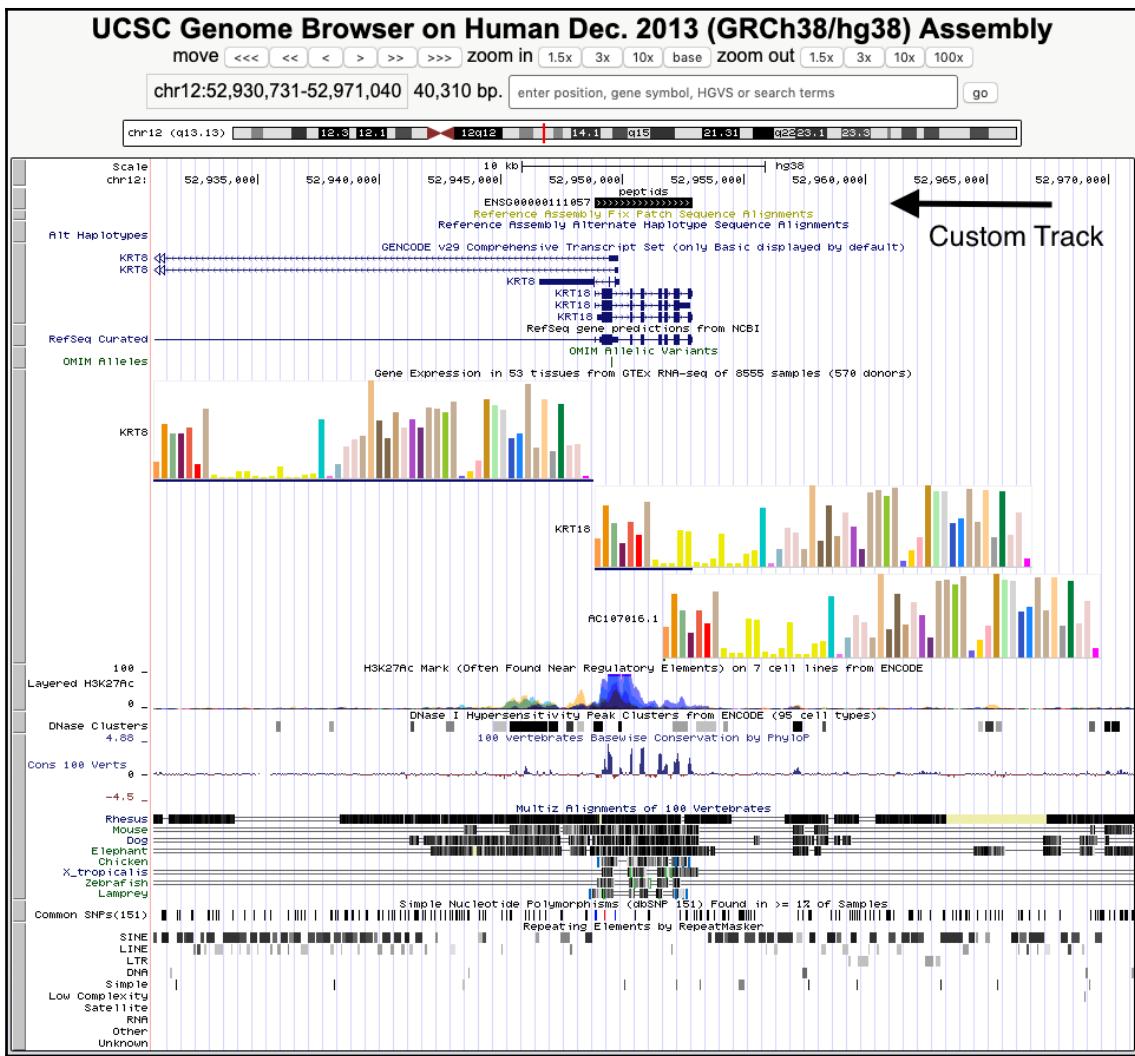


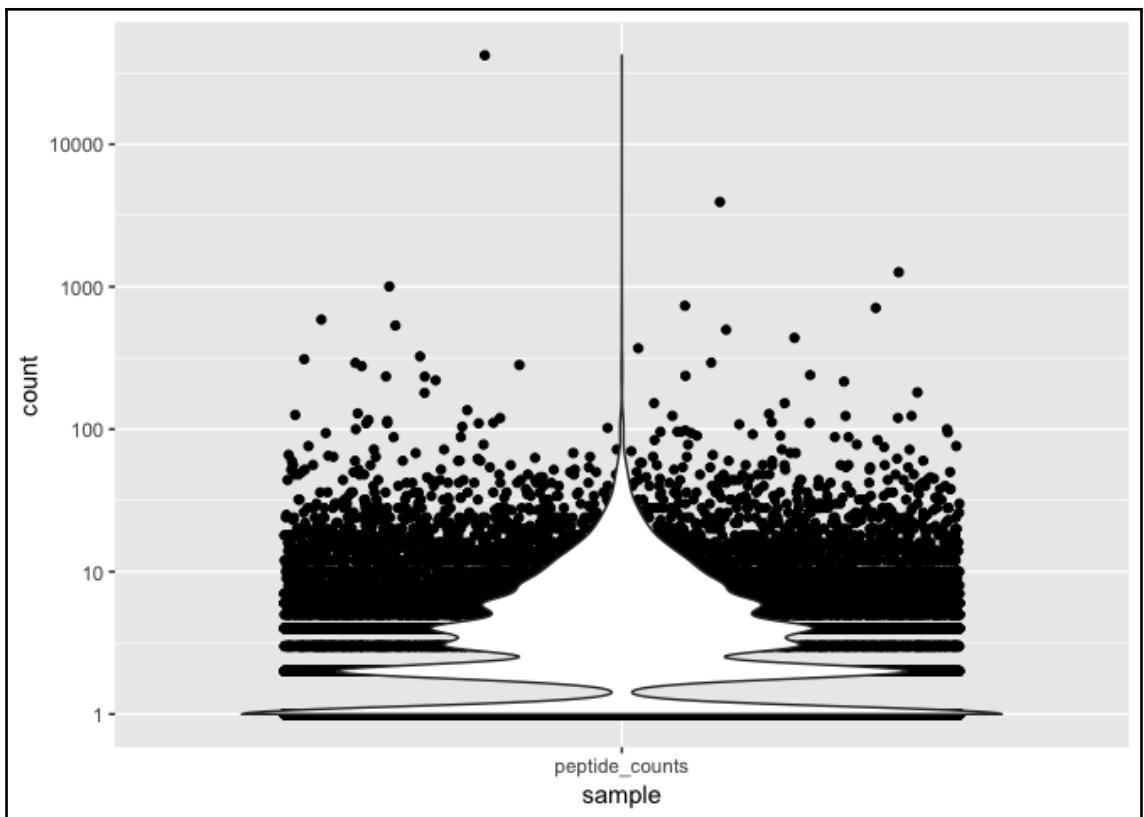
Chapter 6: Proteomics from Spectrum to Annotation

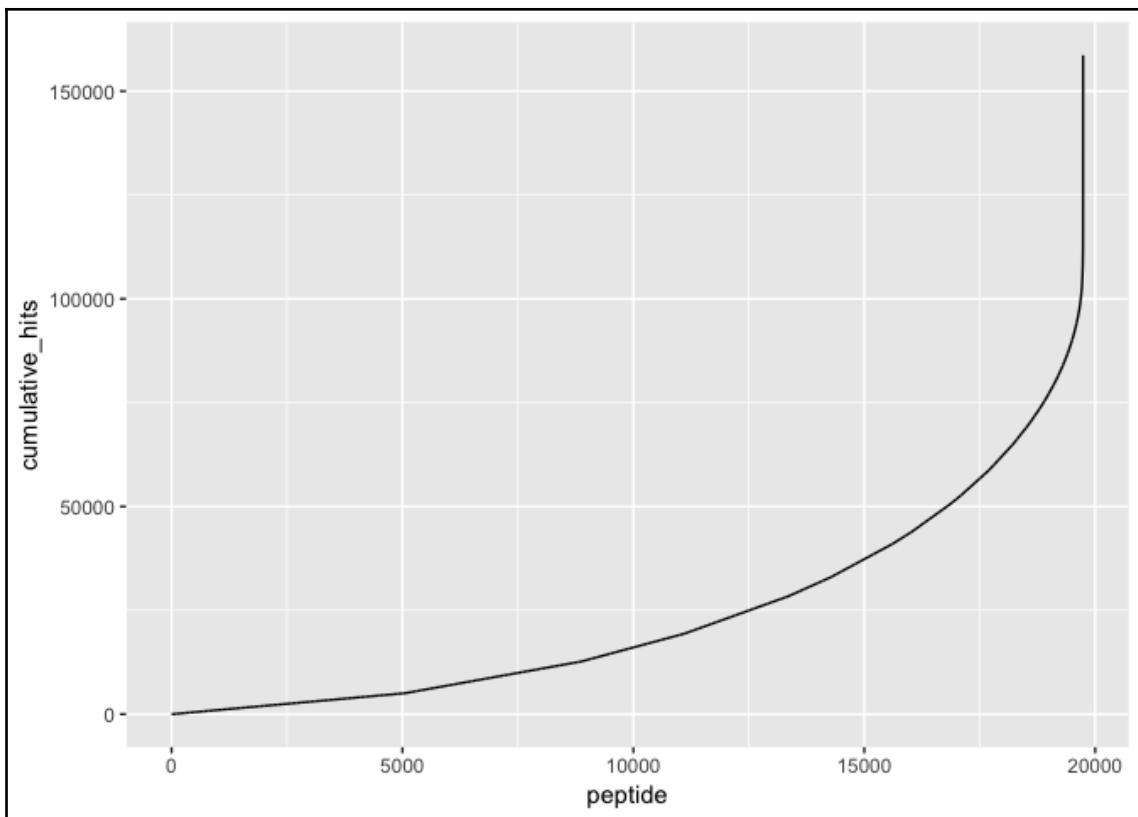


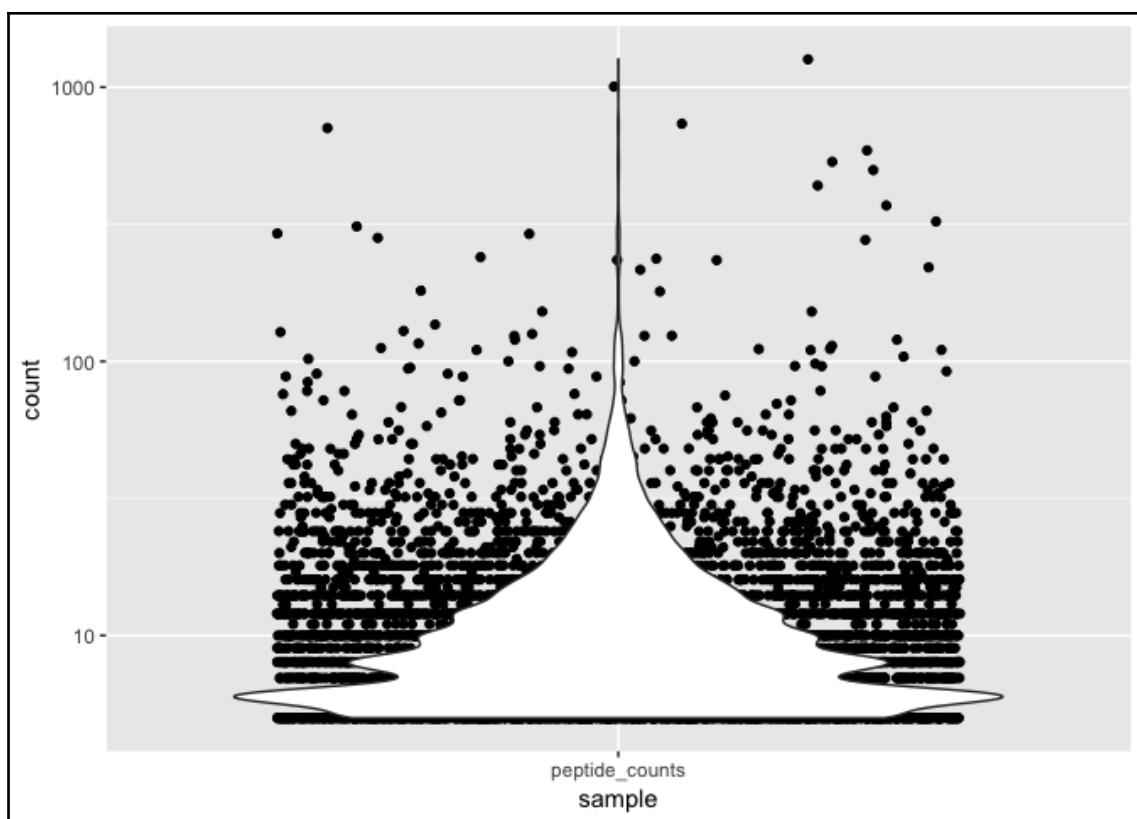
Precursor M/Z 120.07



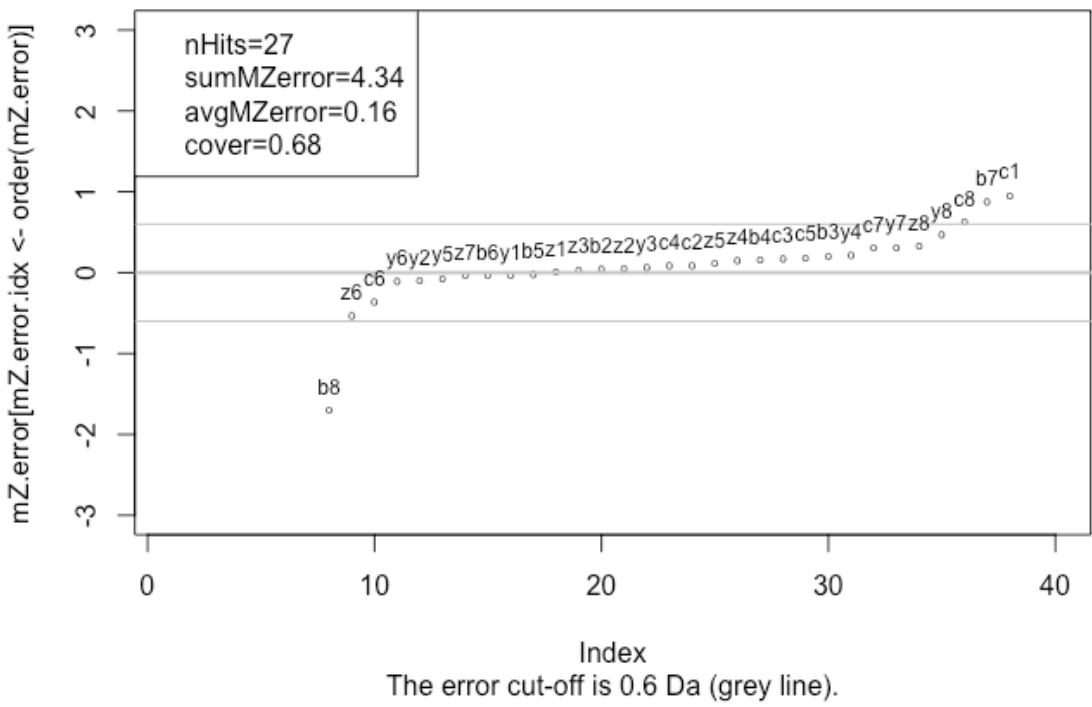




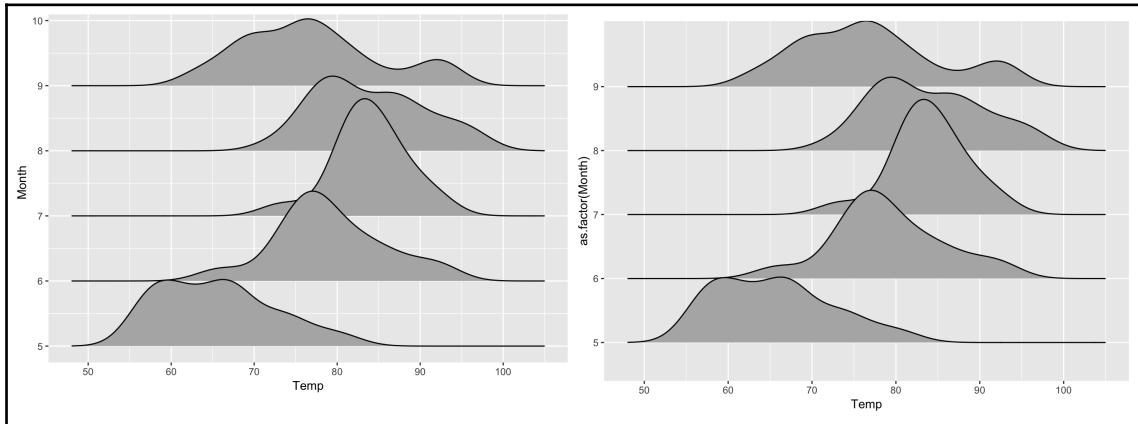


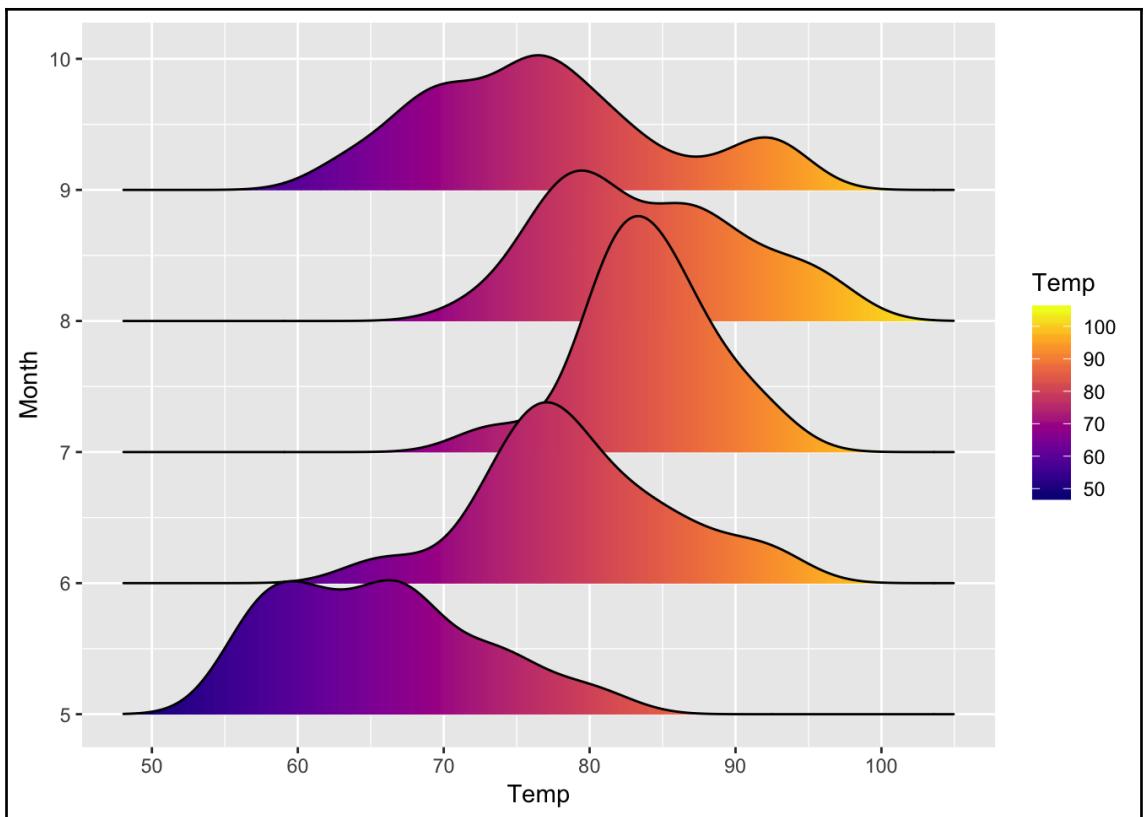


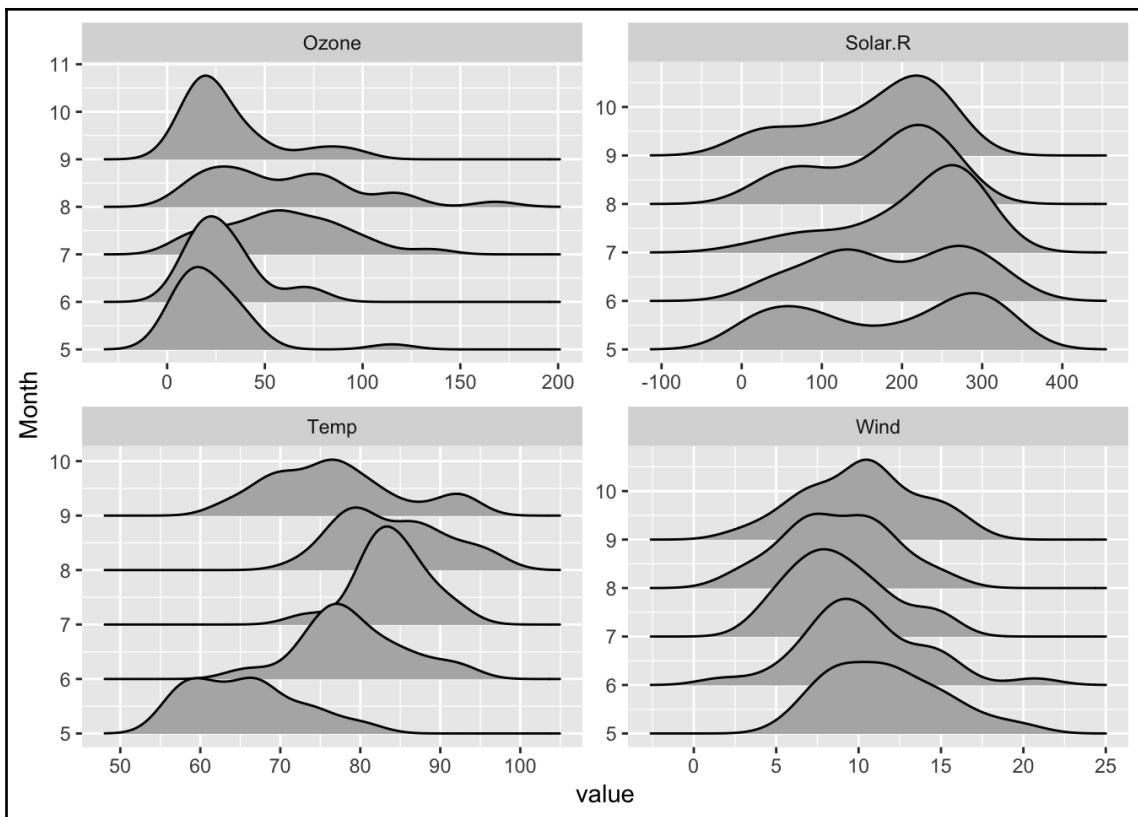
Error of PEPTIDESEQ (parent ion mass = 1144.5 Da)

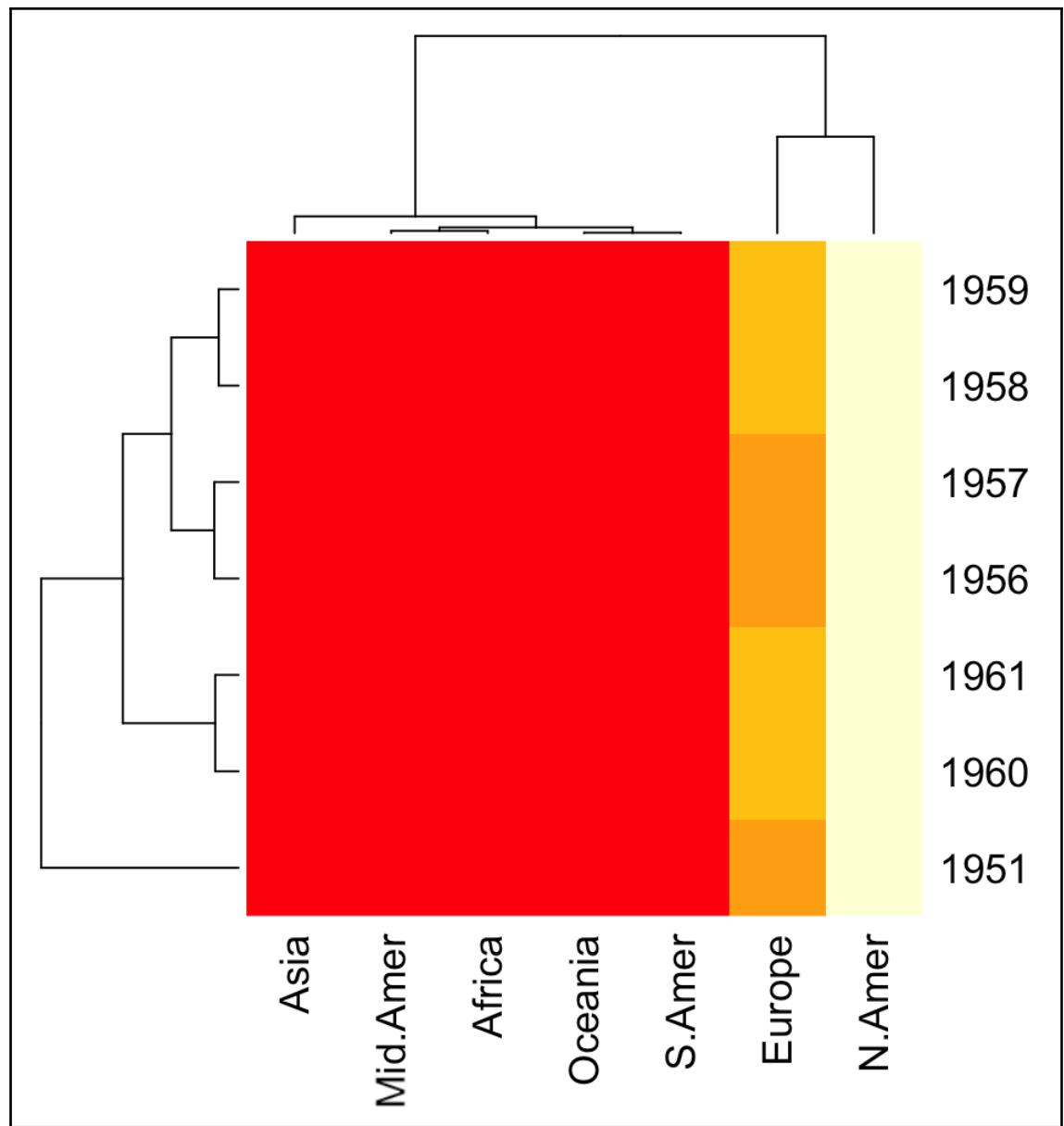


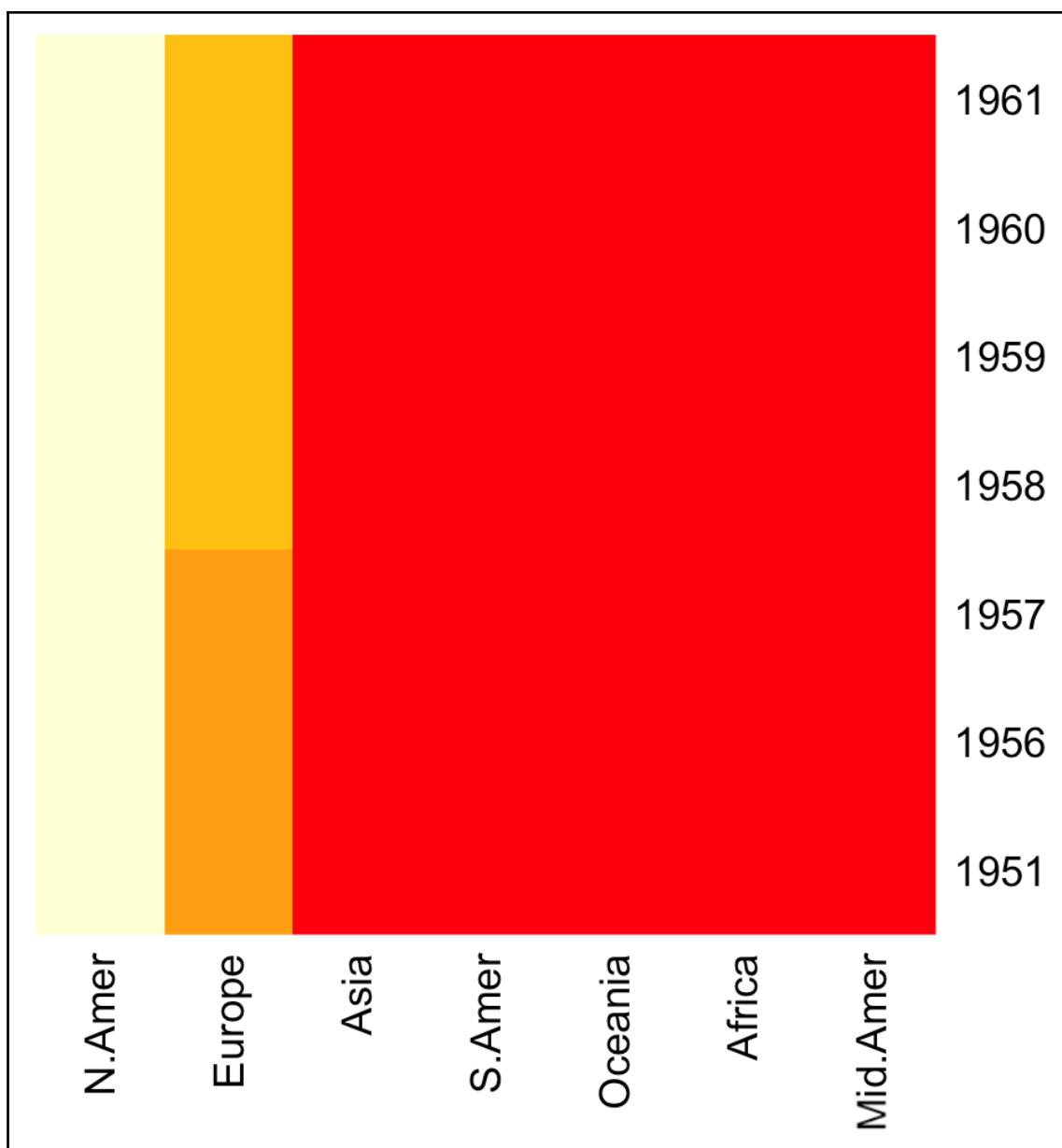
Chapter 7: Producing Publication and Web-Ready Visualizations

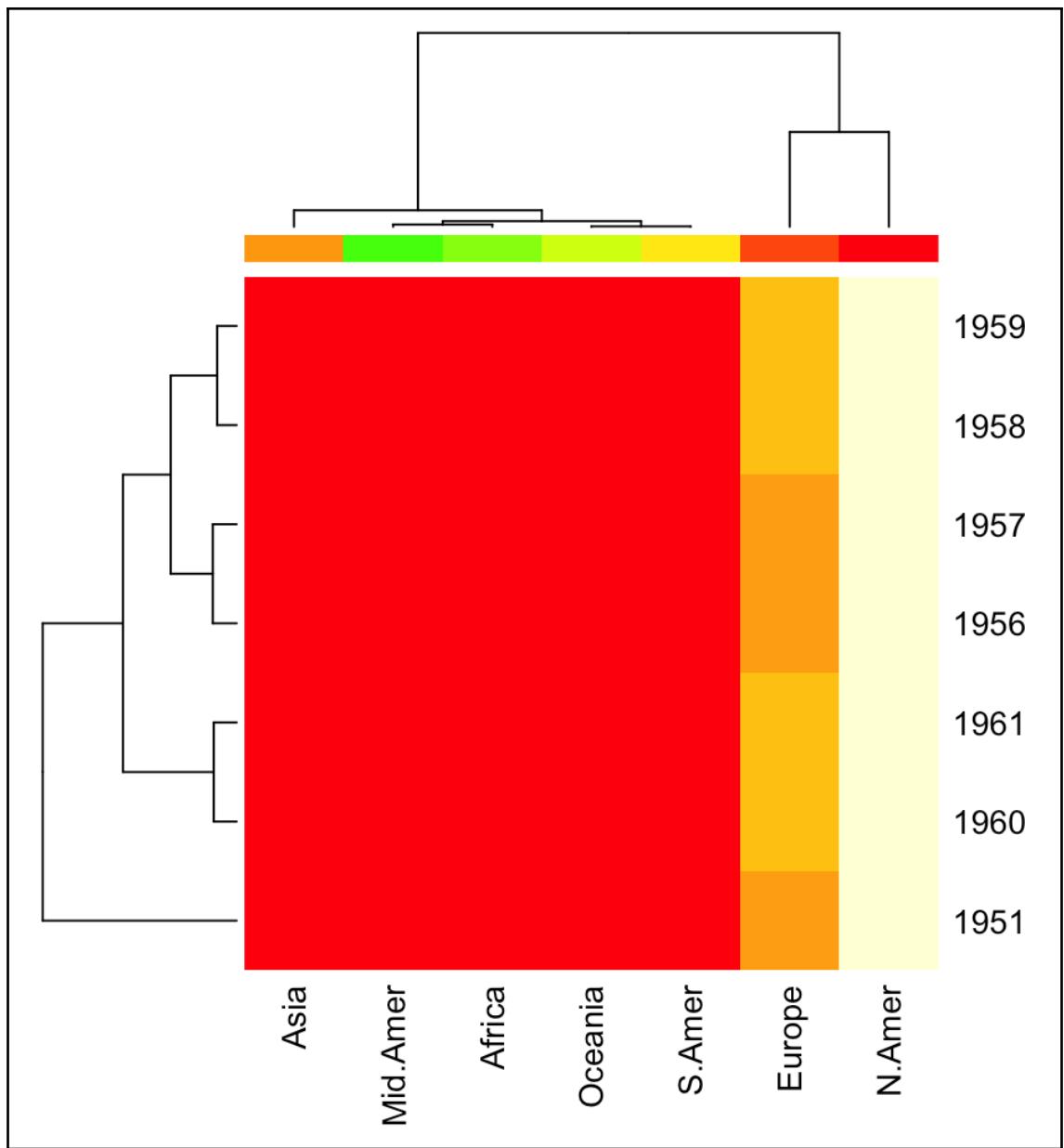


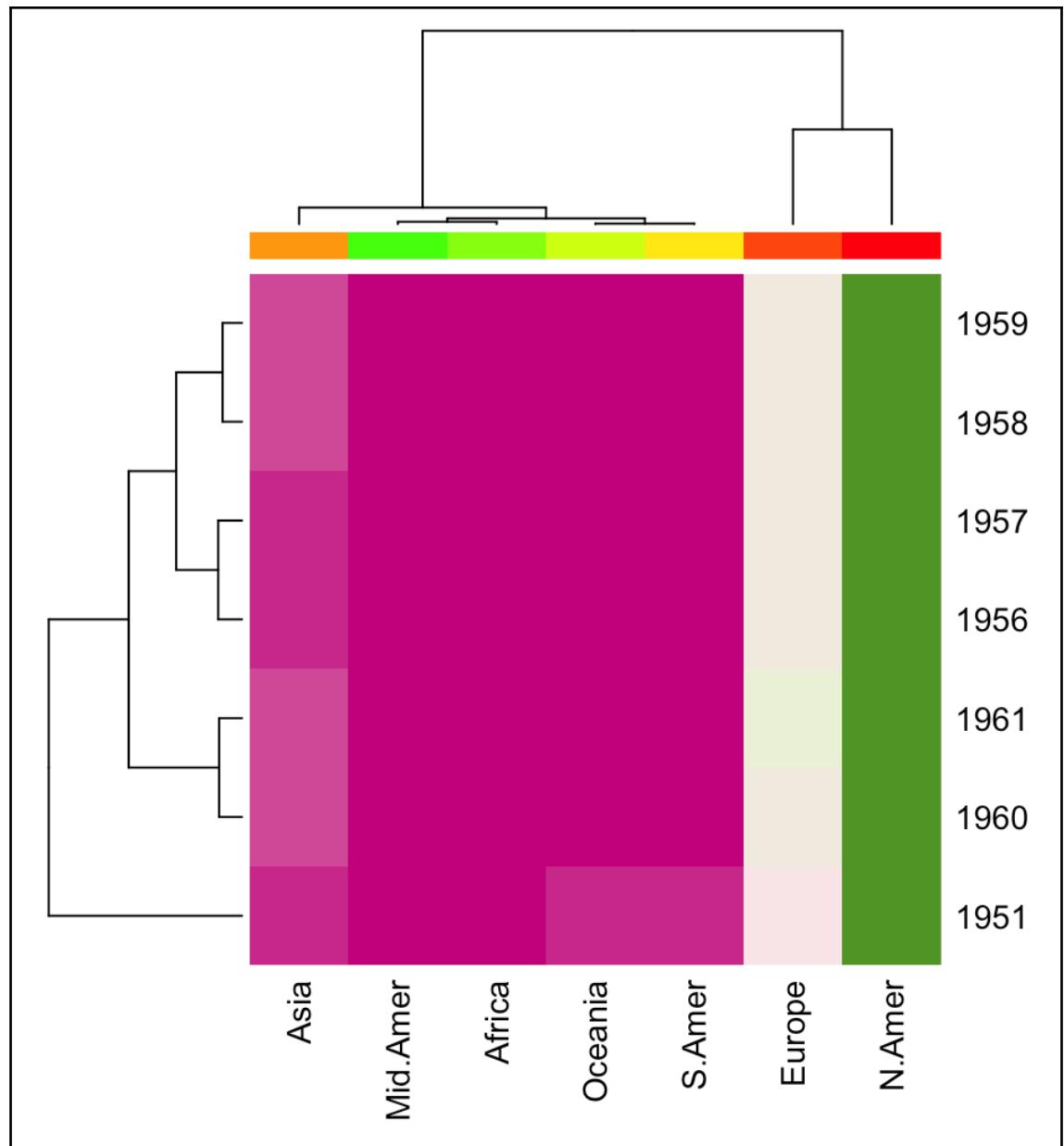


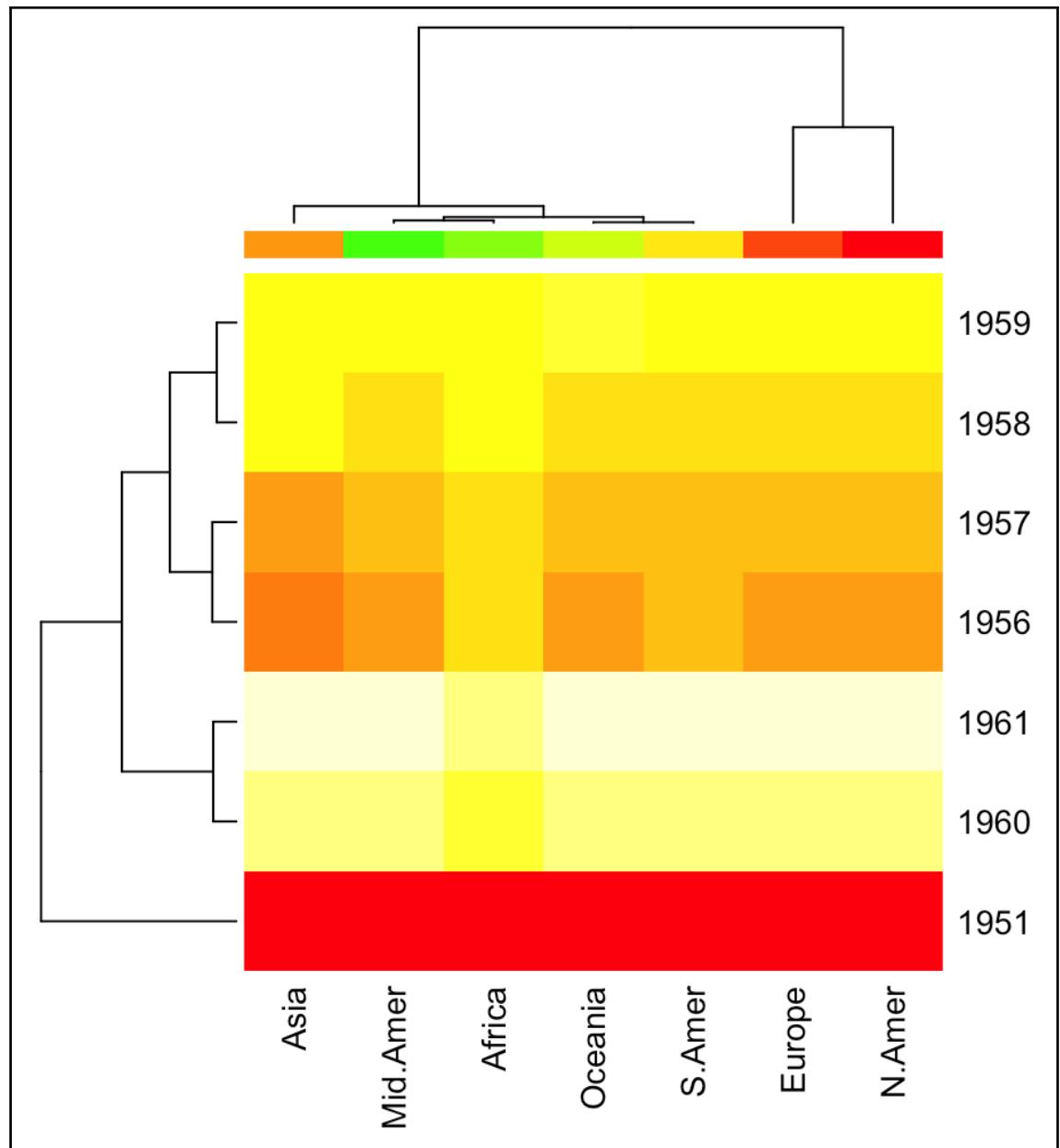


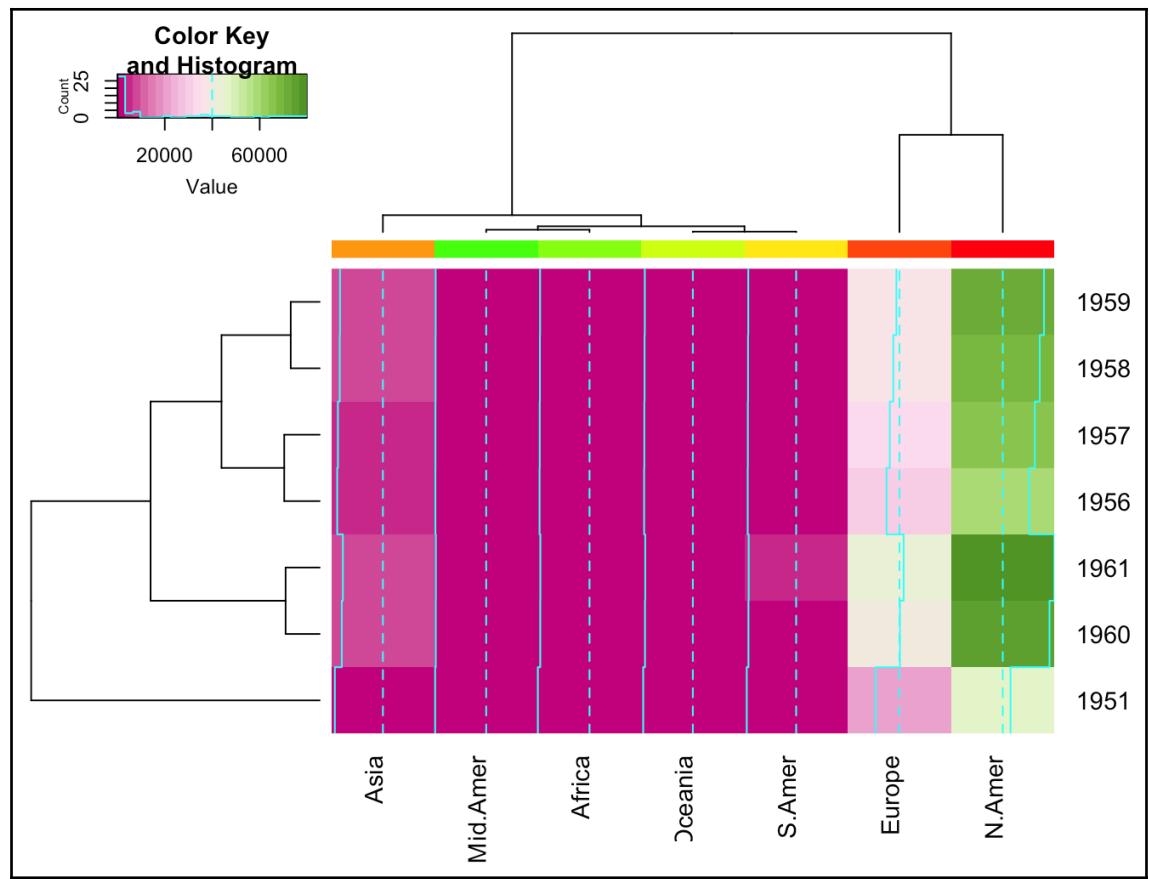


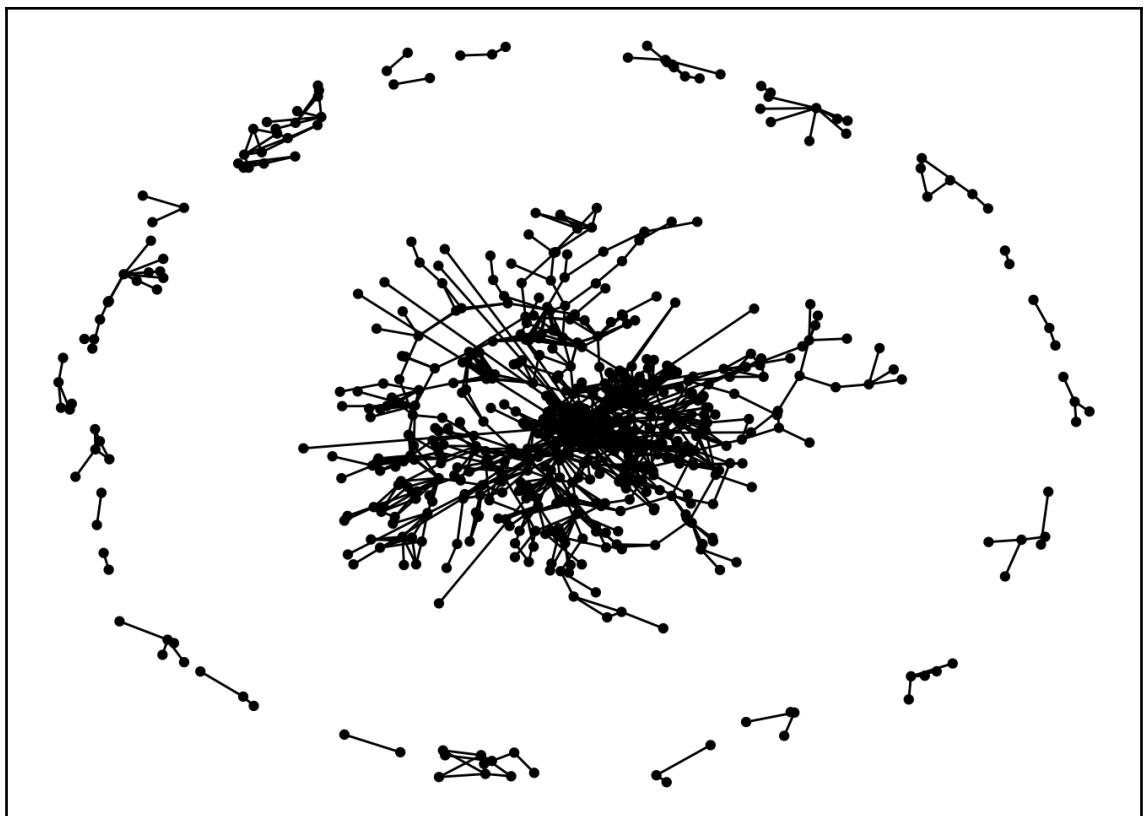


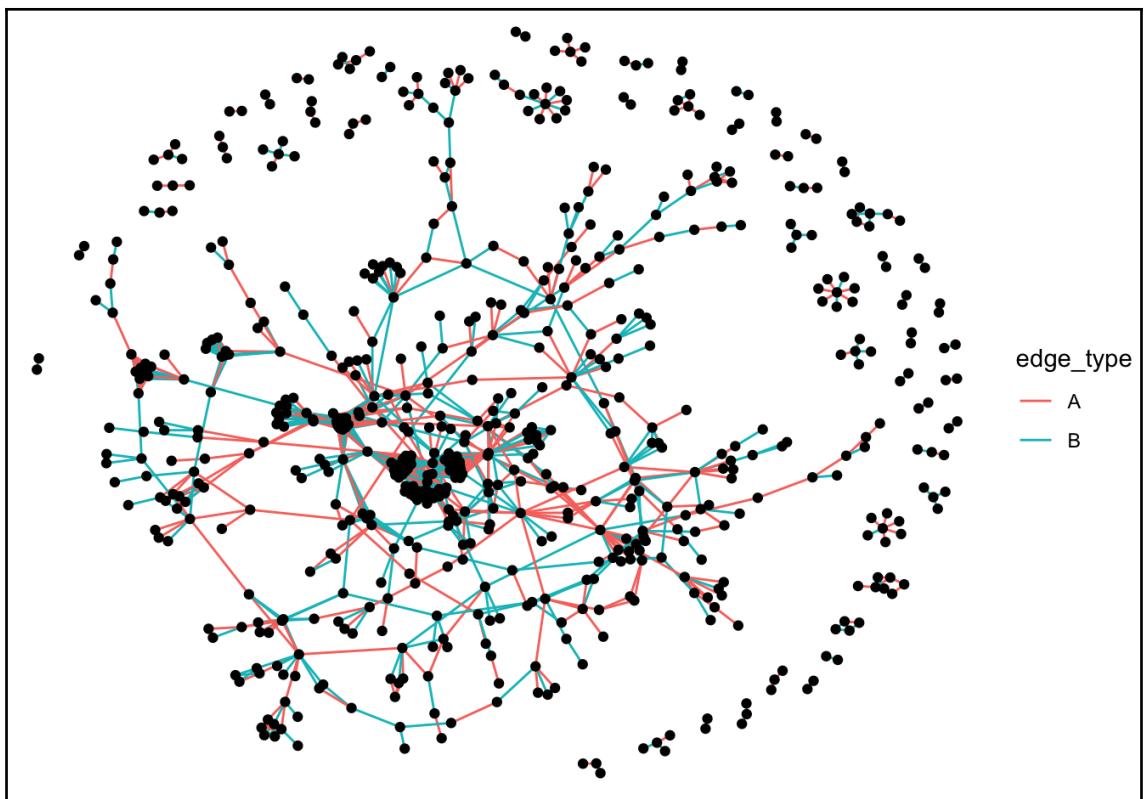


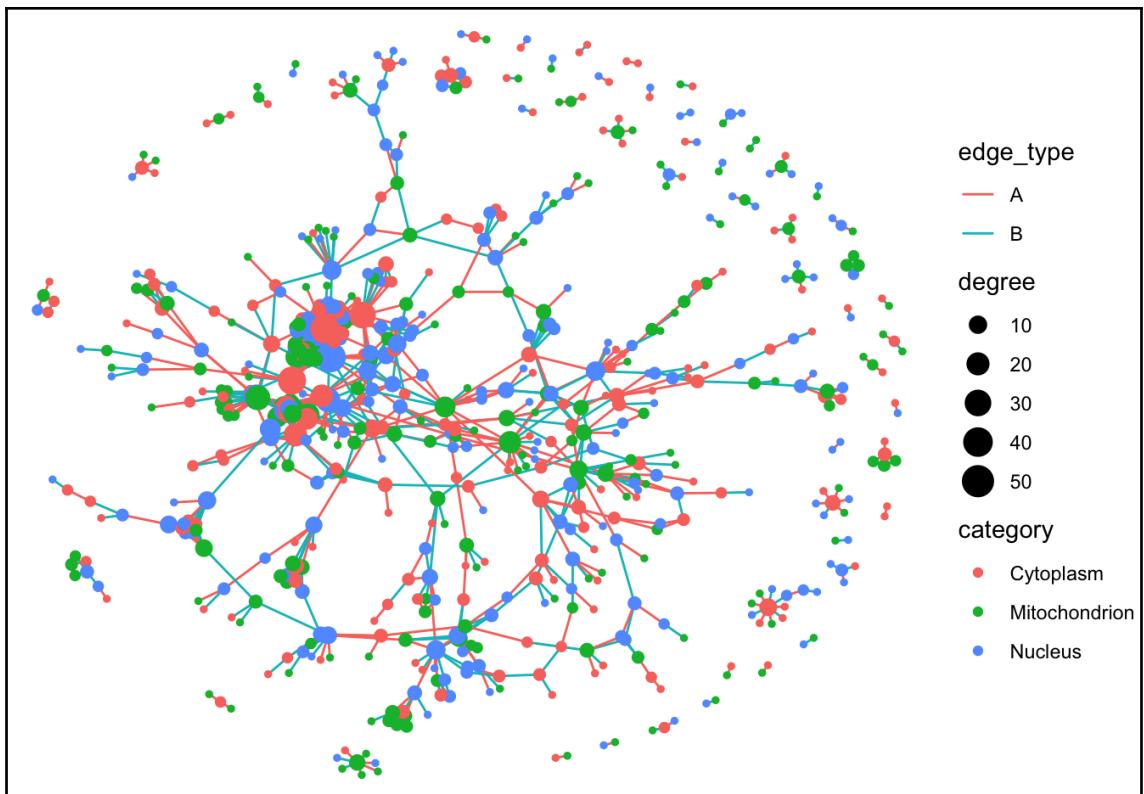


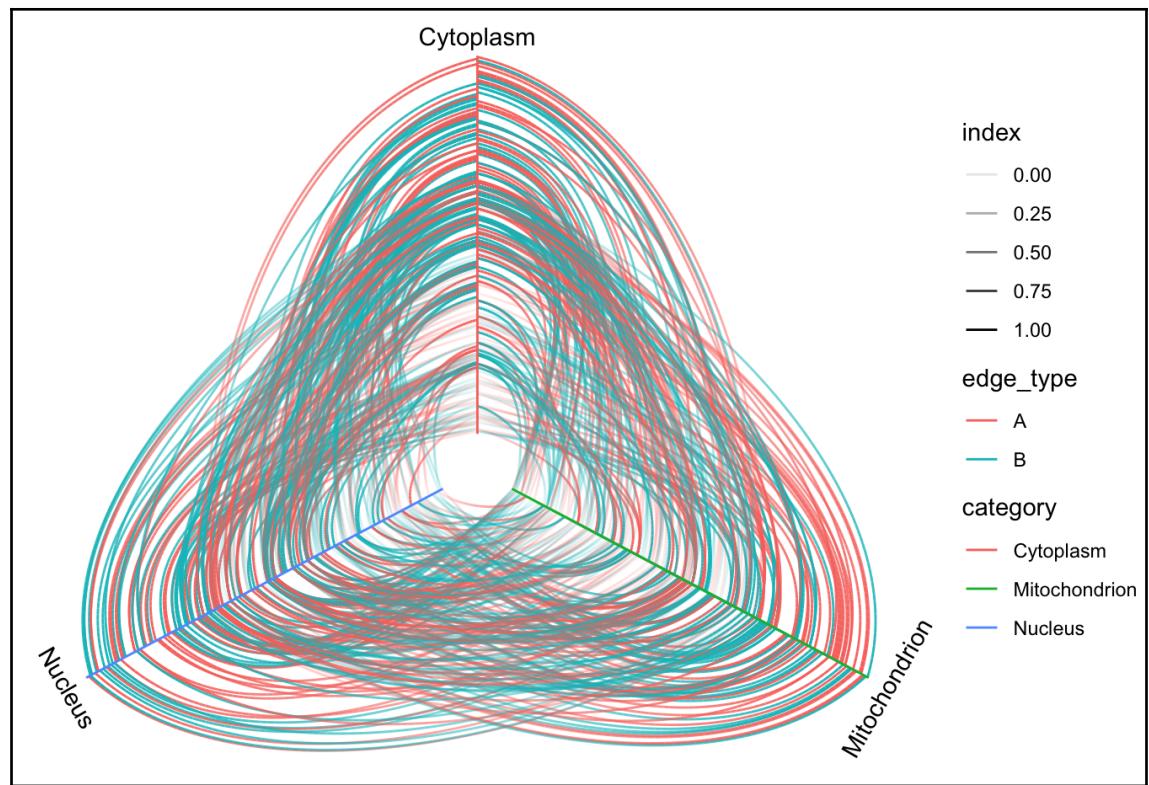


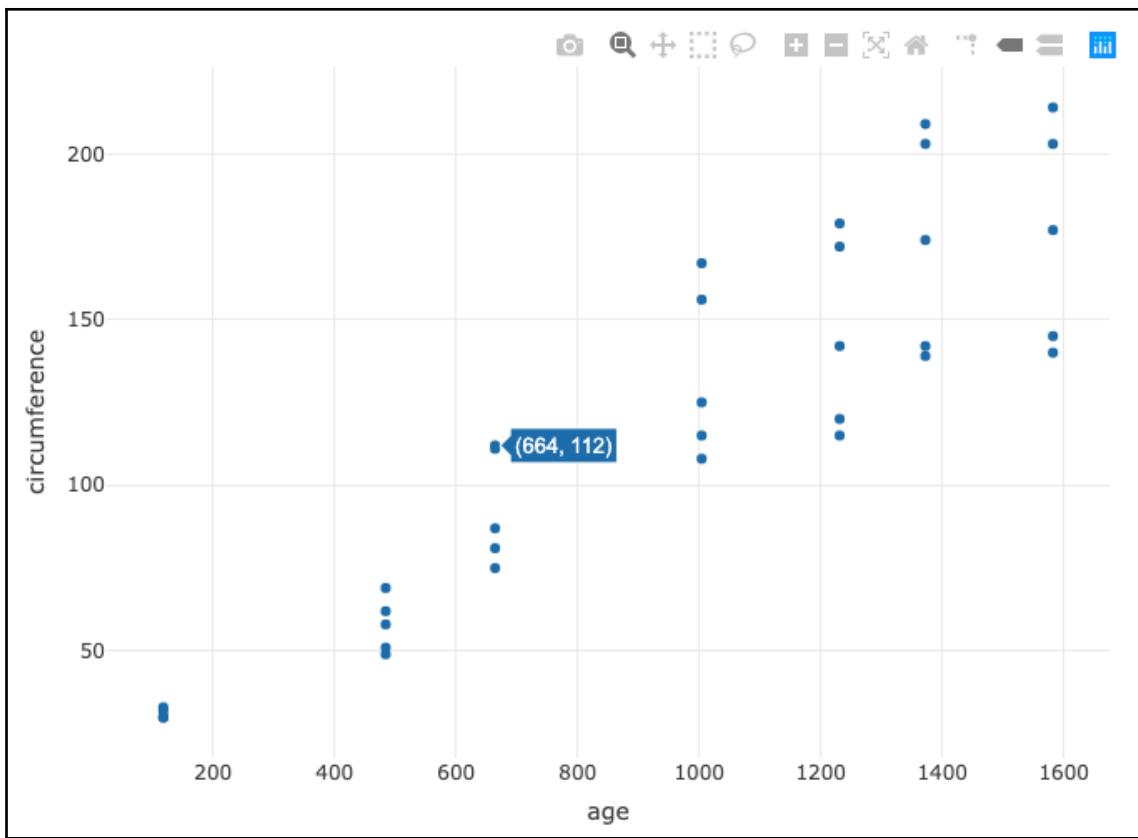


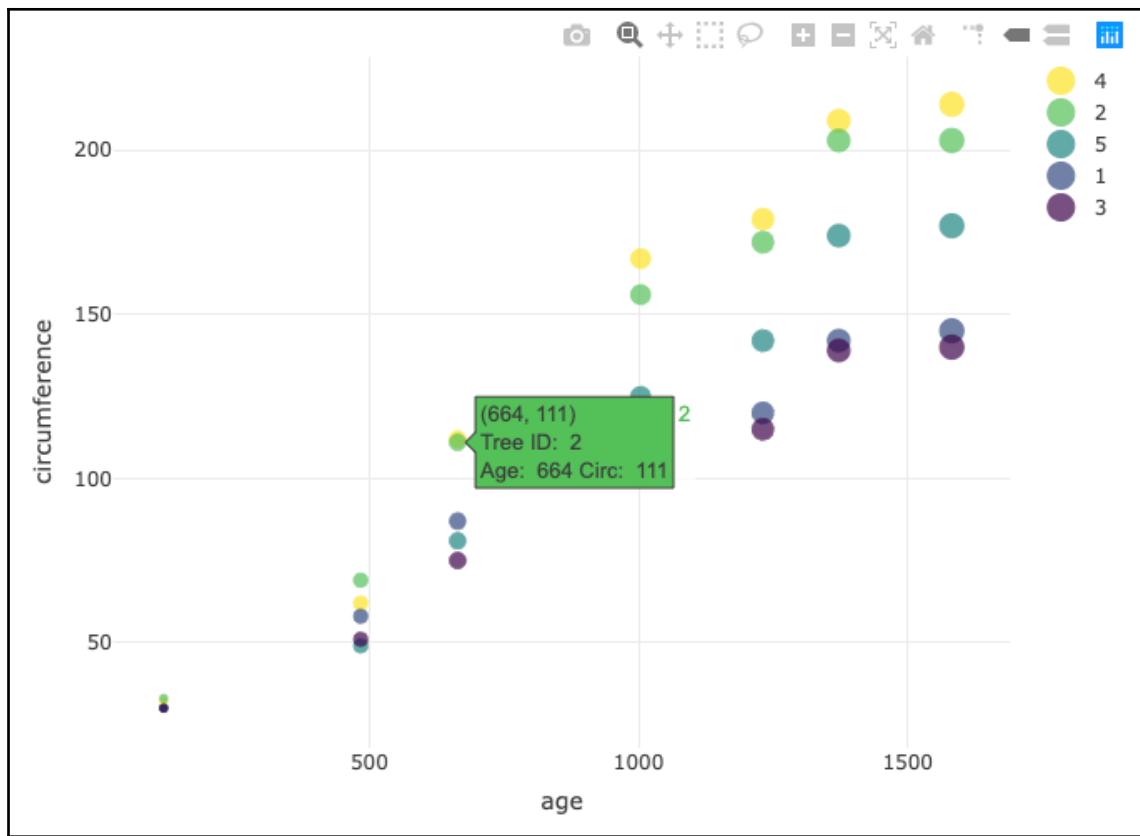


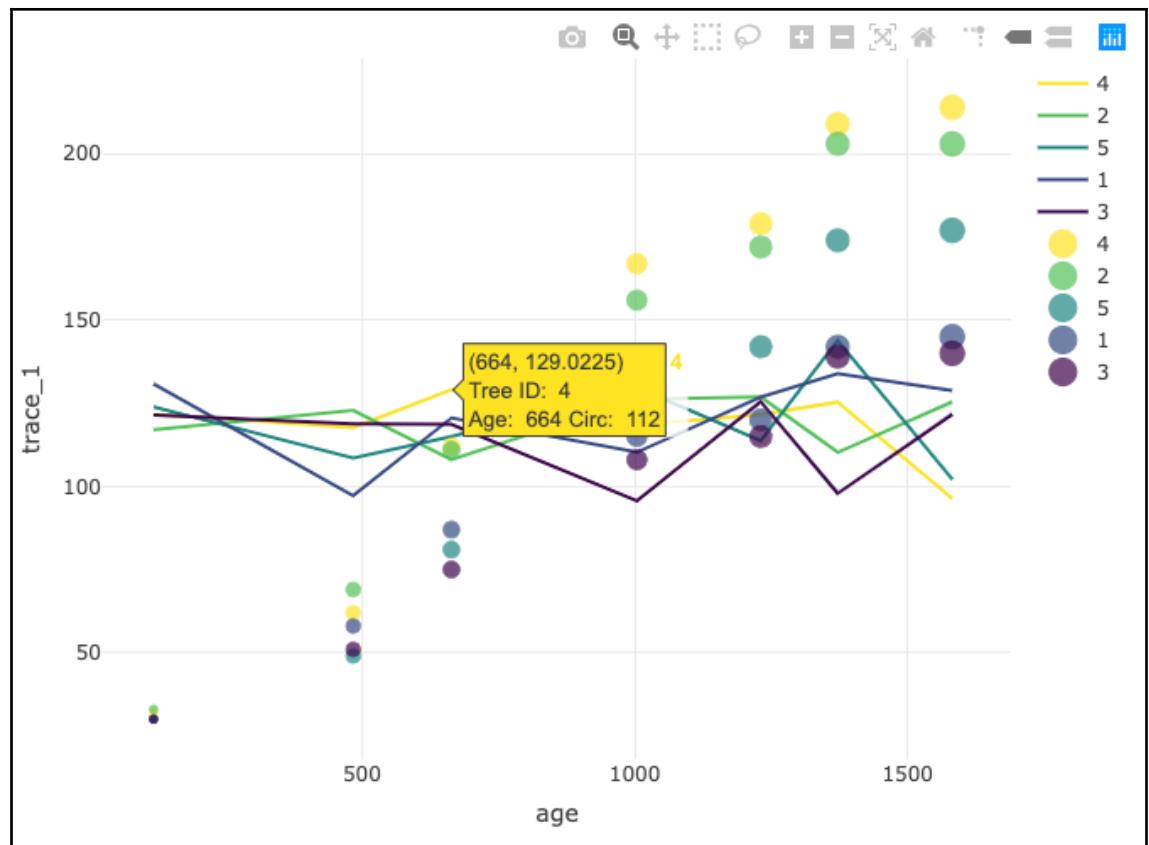




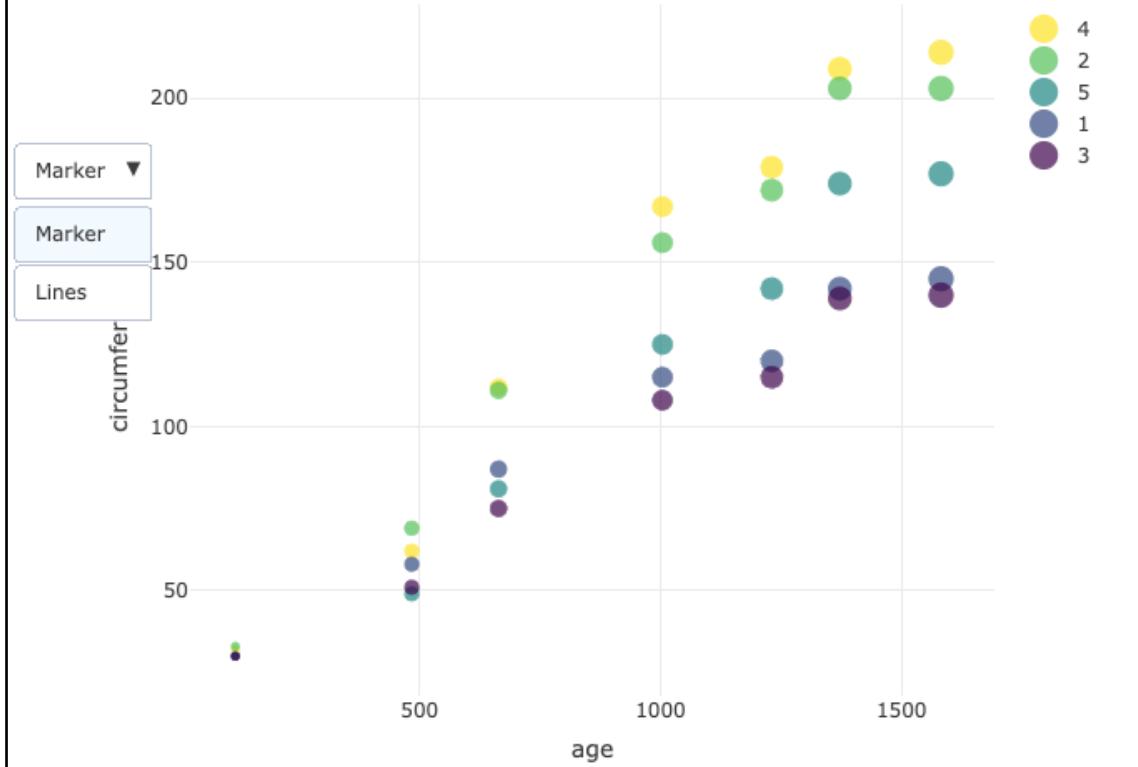


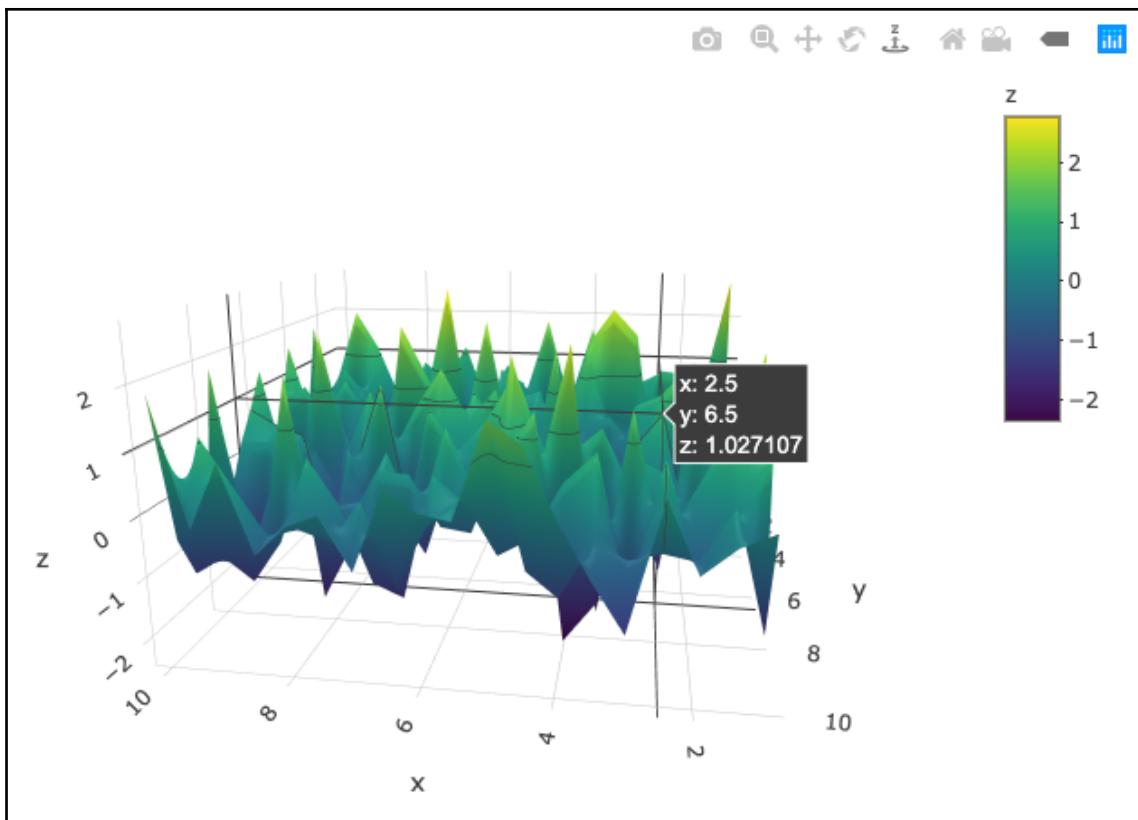


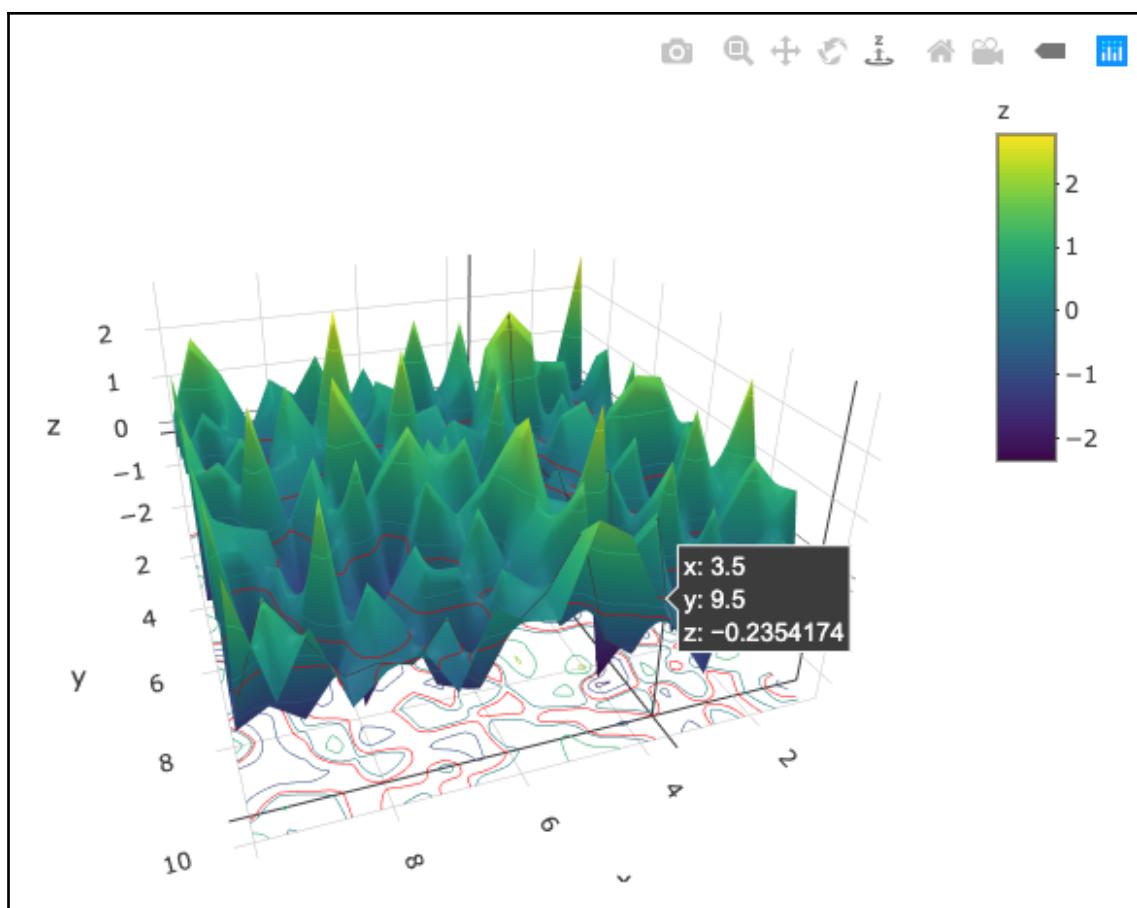


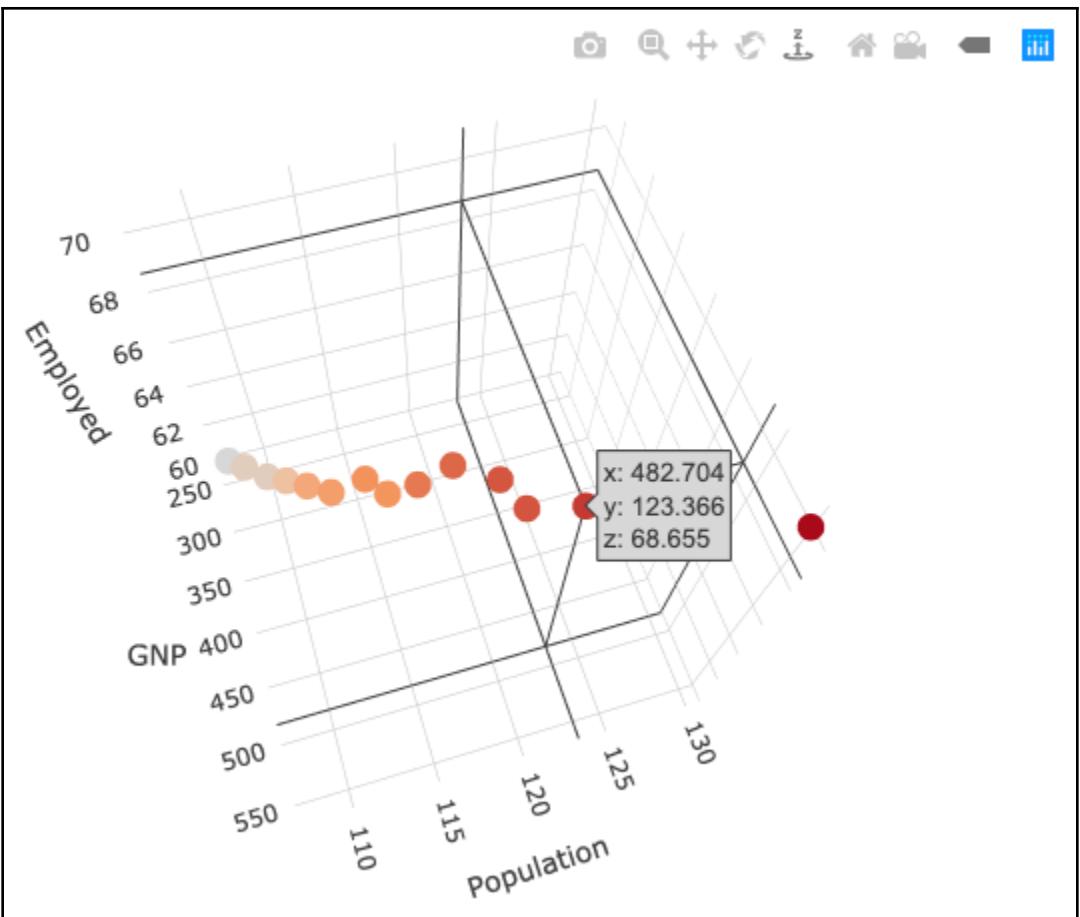


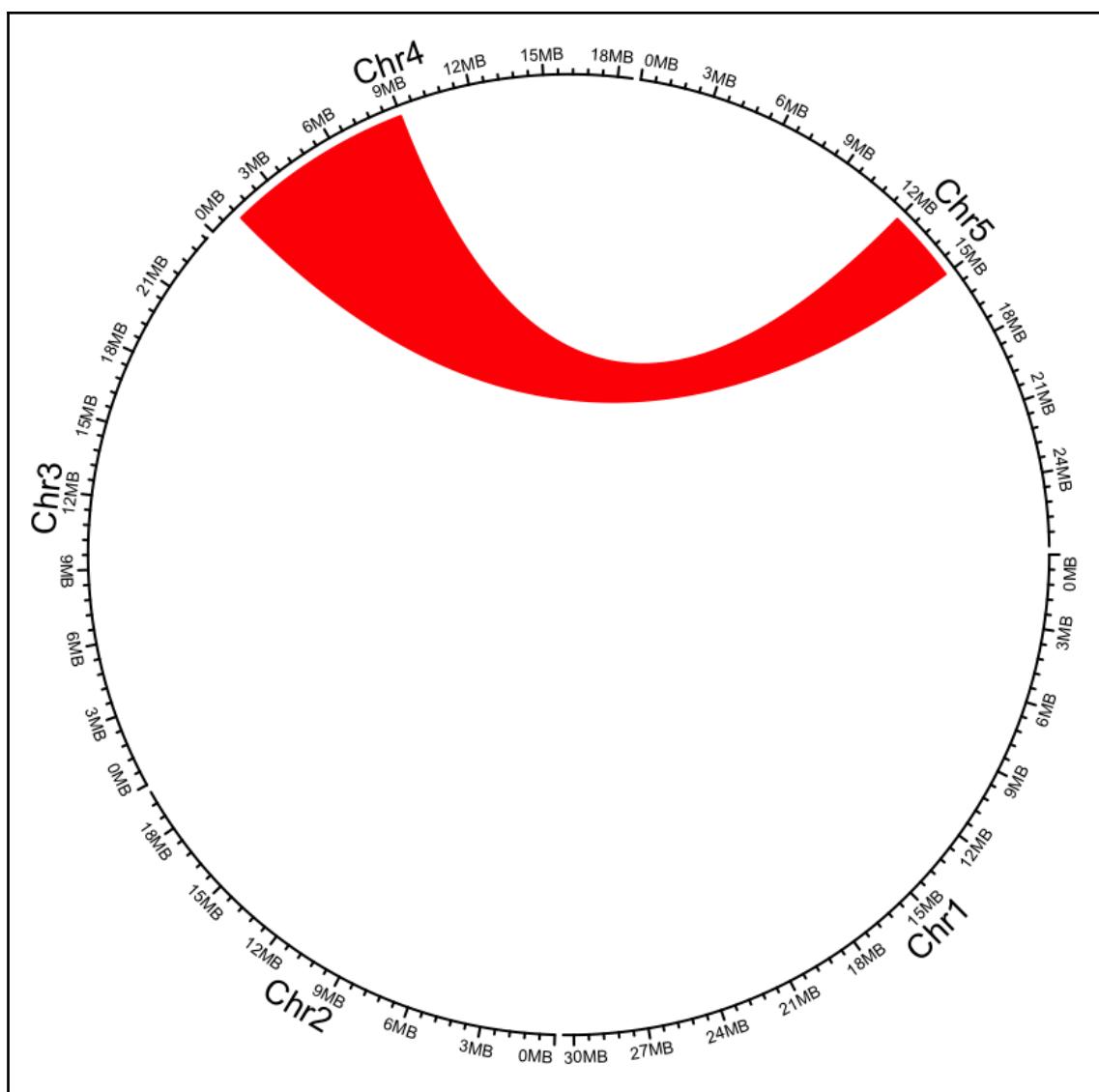
Plot with switchable trace

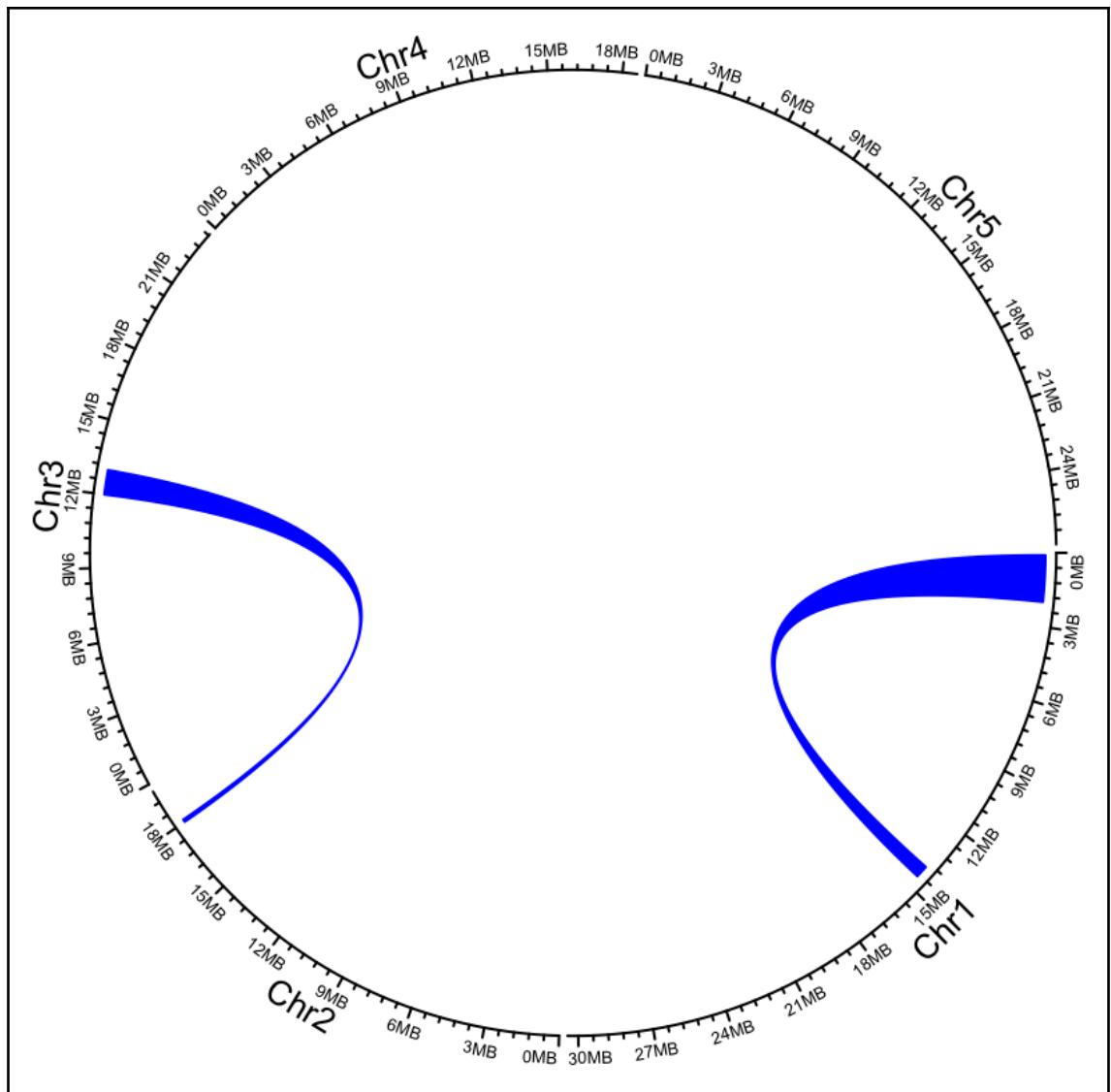


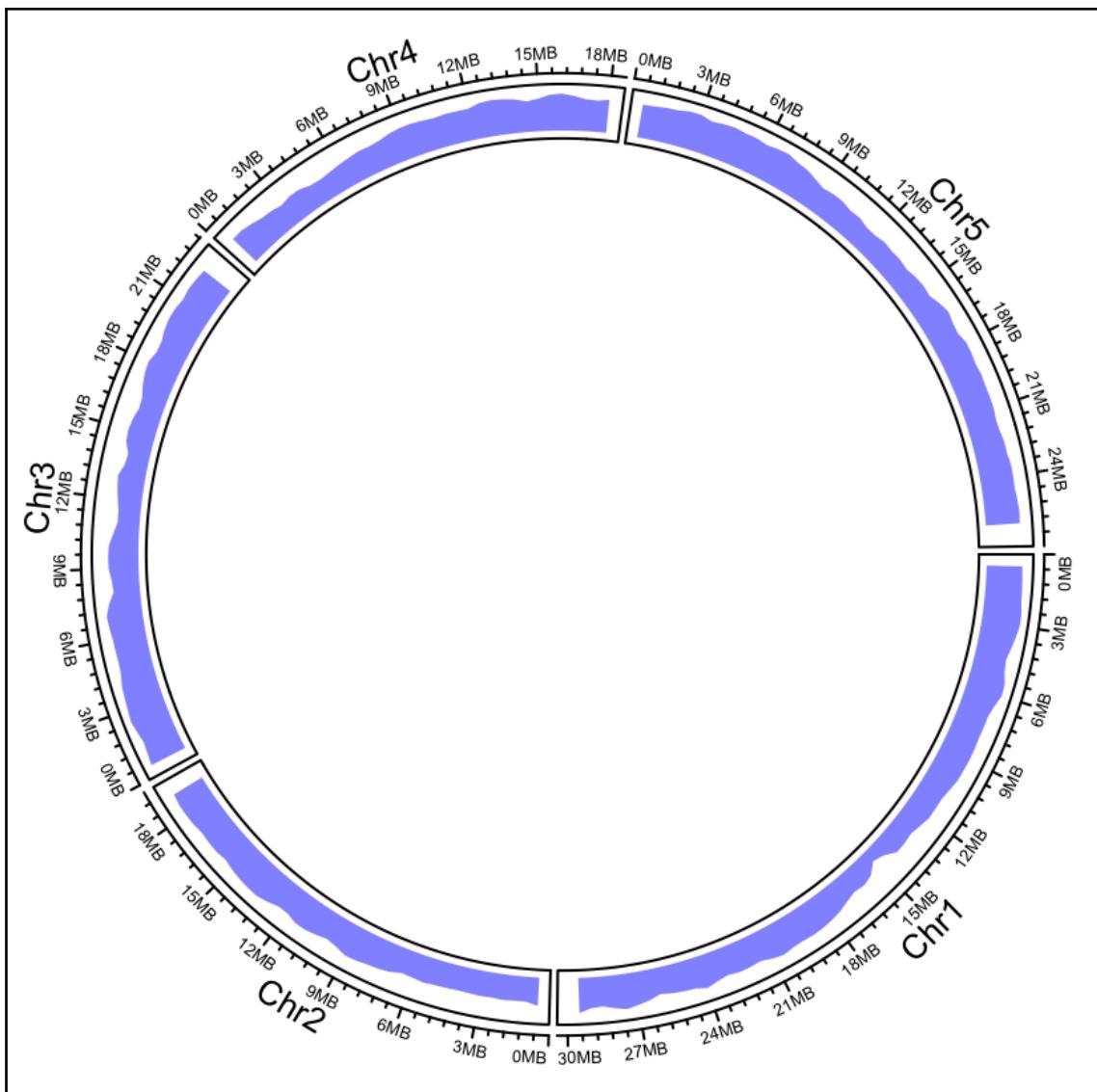


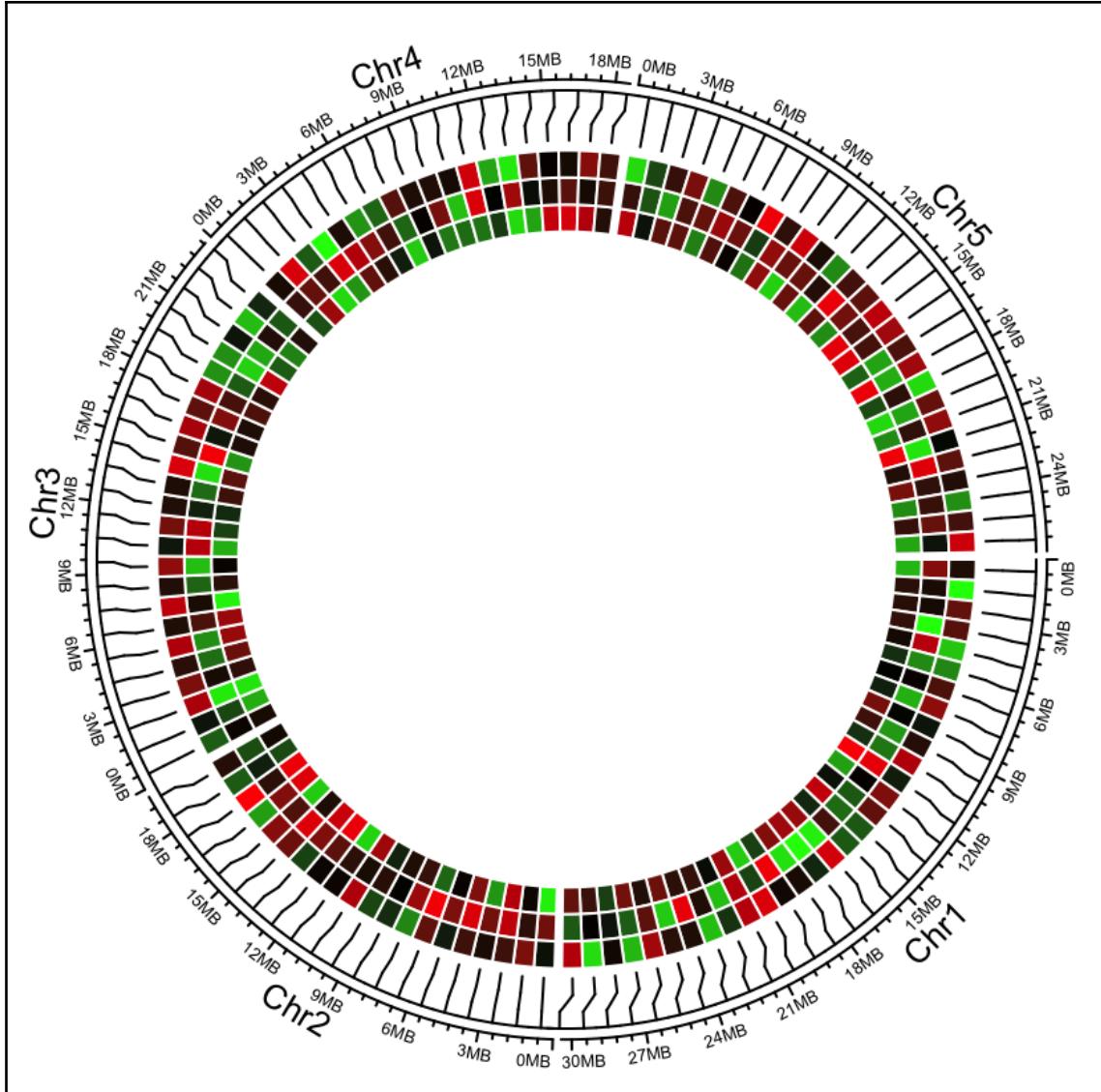


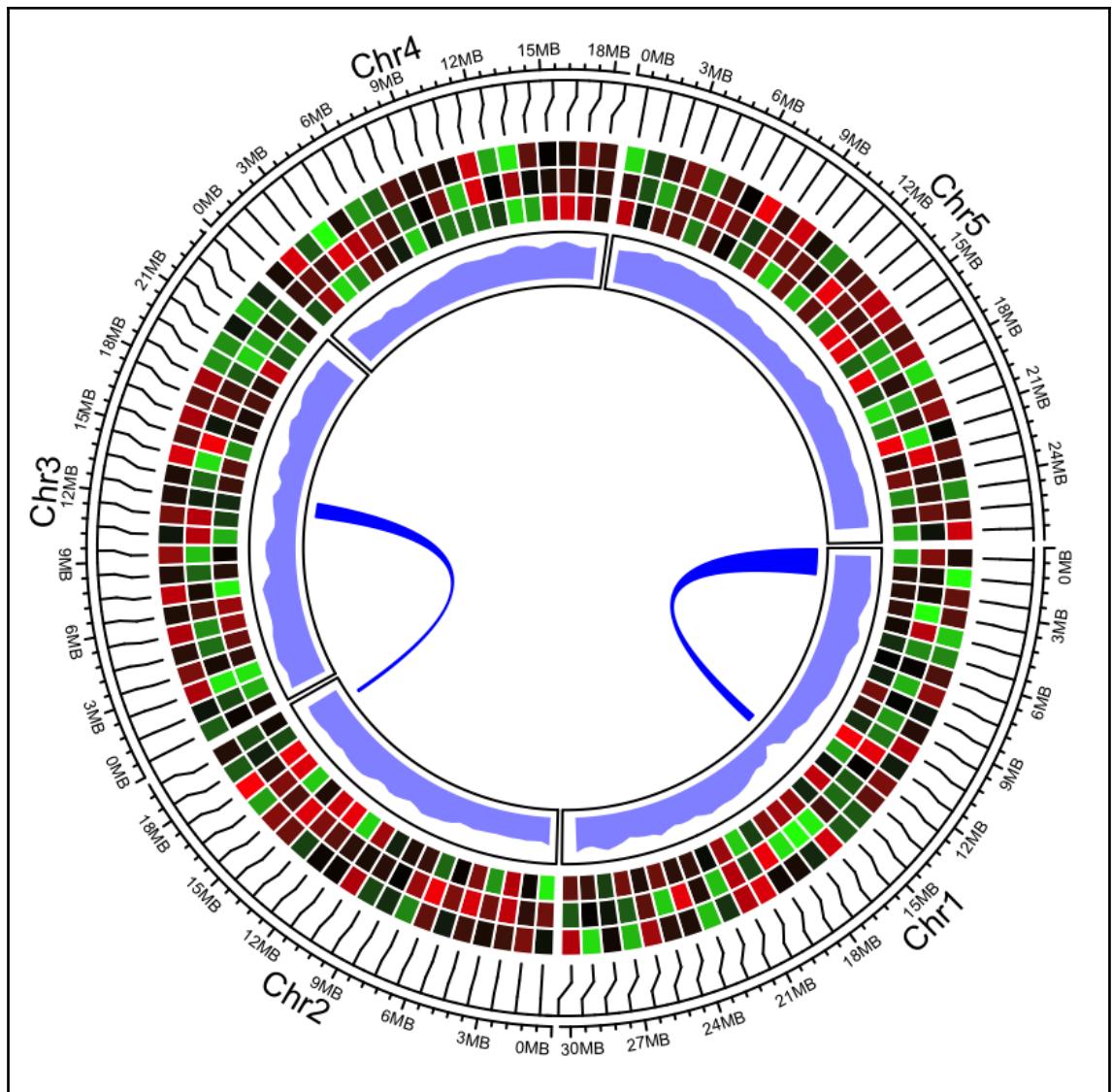




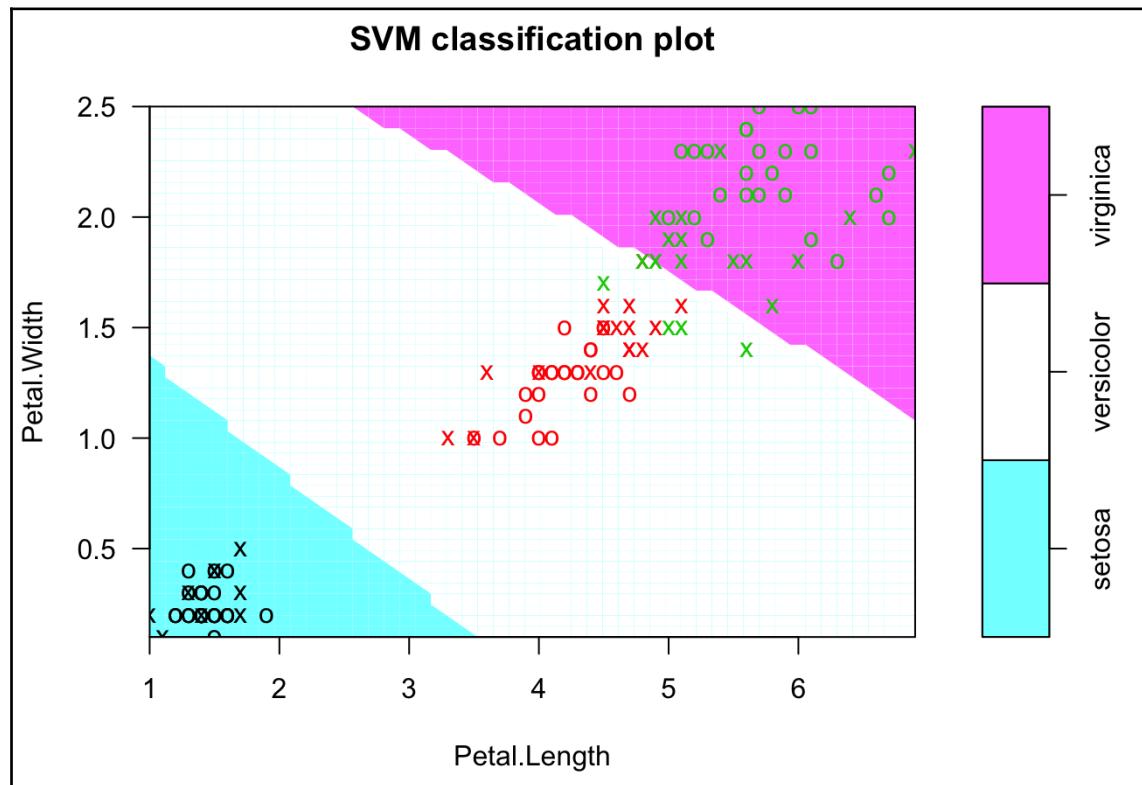


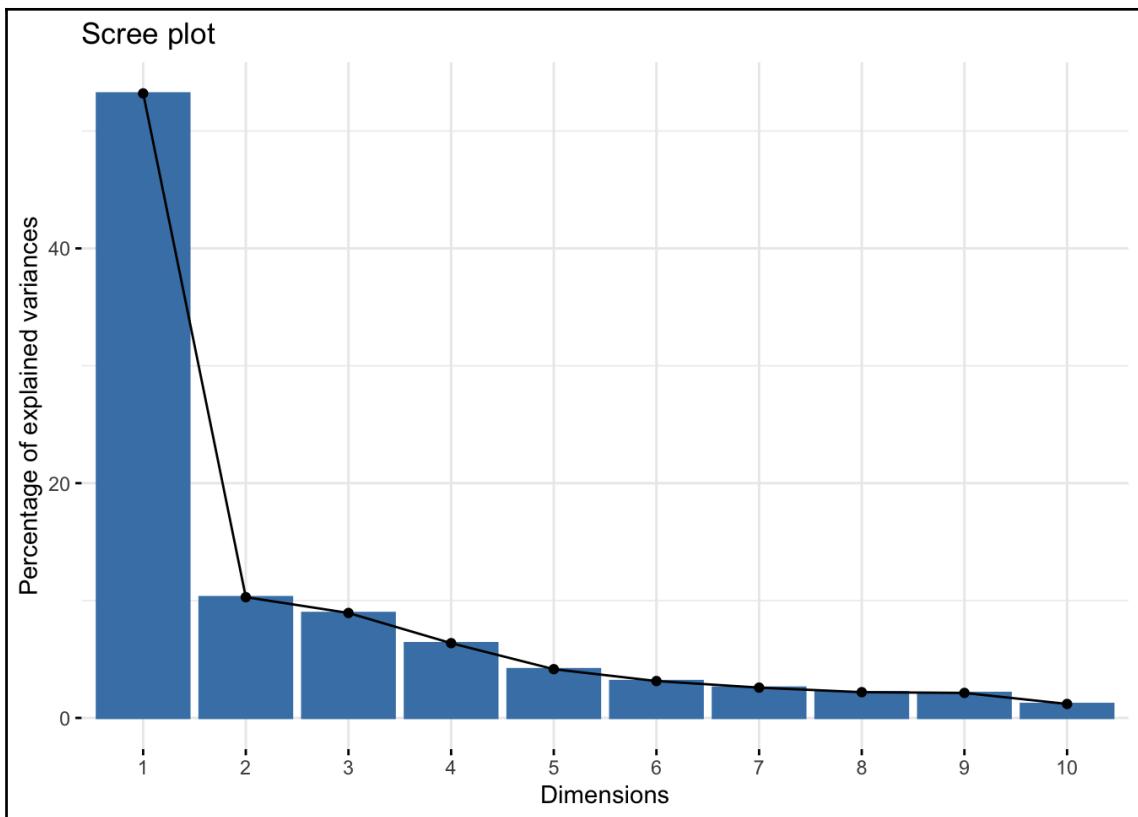




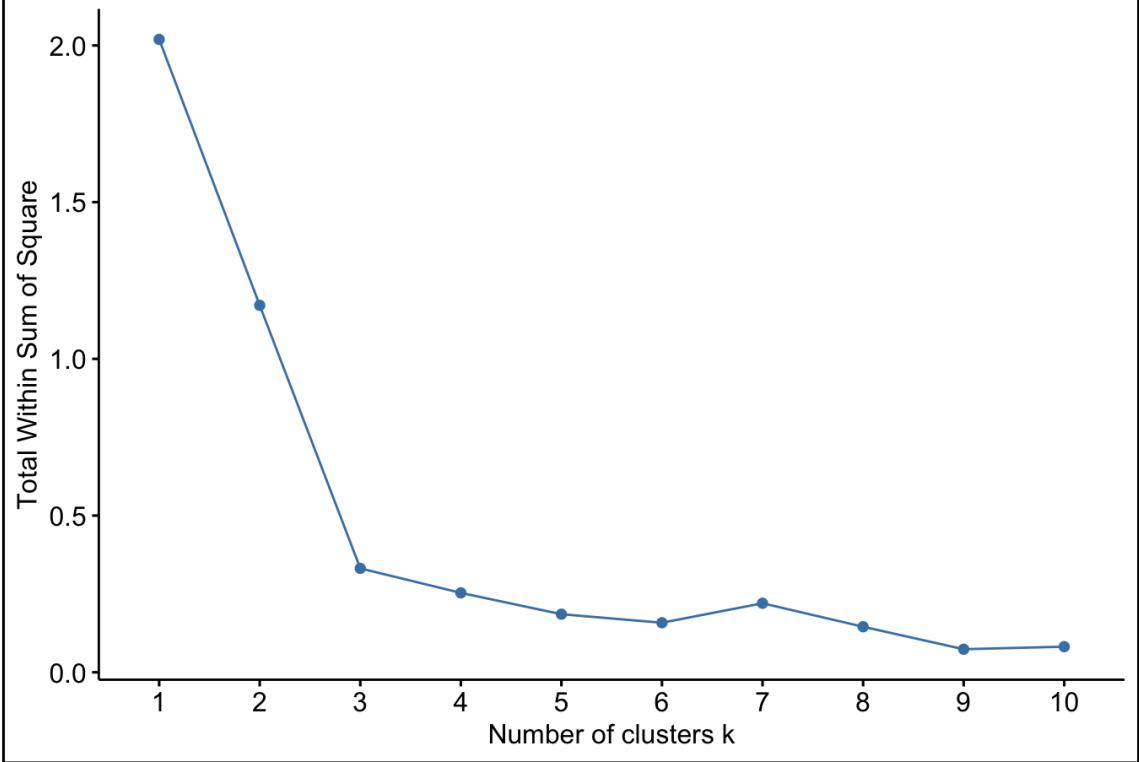


Chapter 9: Useful Statistical and Machine Learning Methods

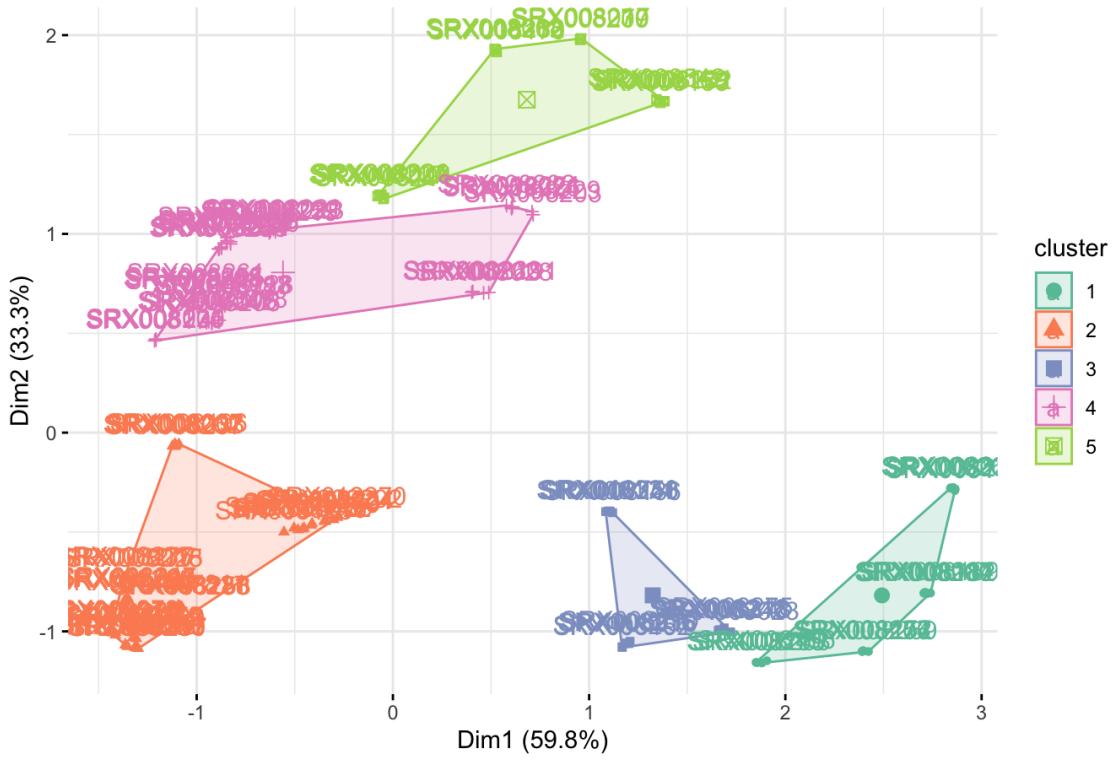




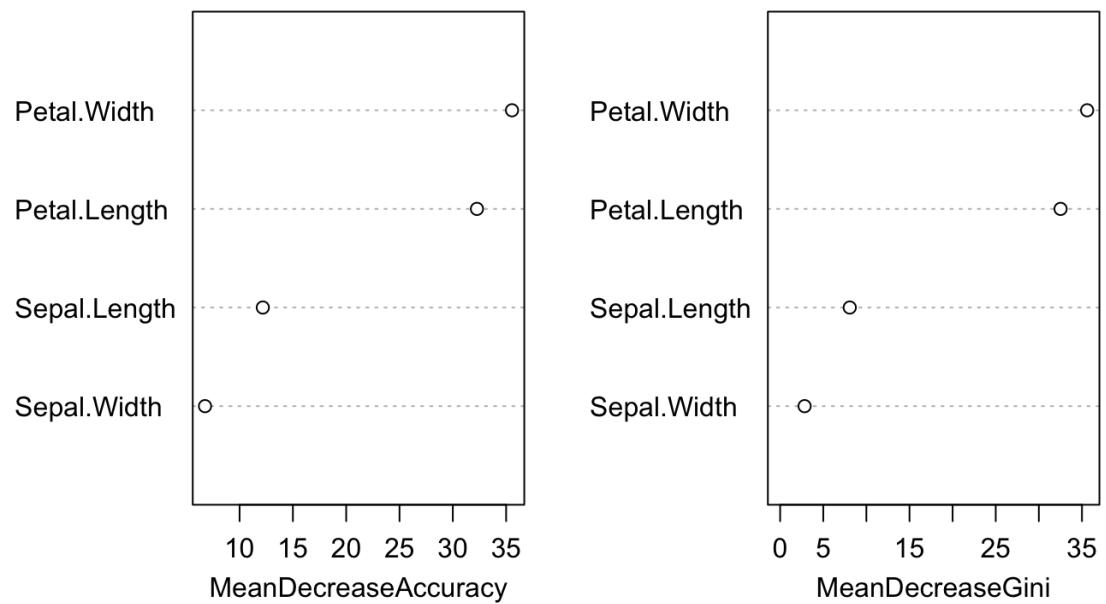
Optimal number of clusters



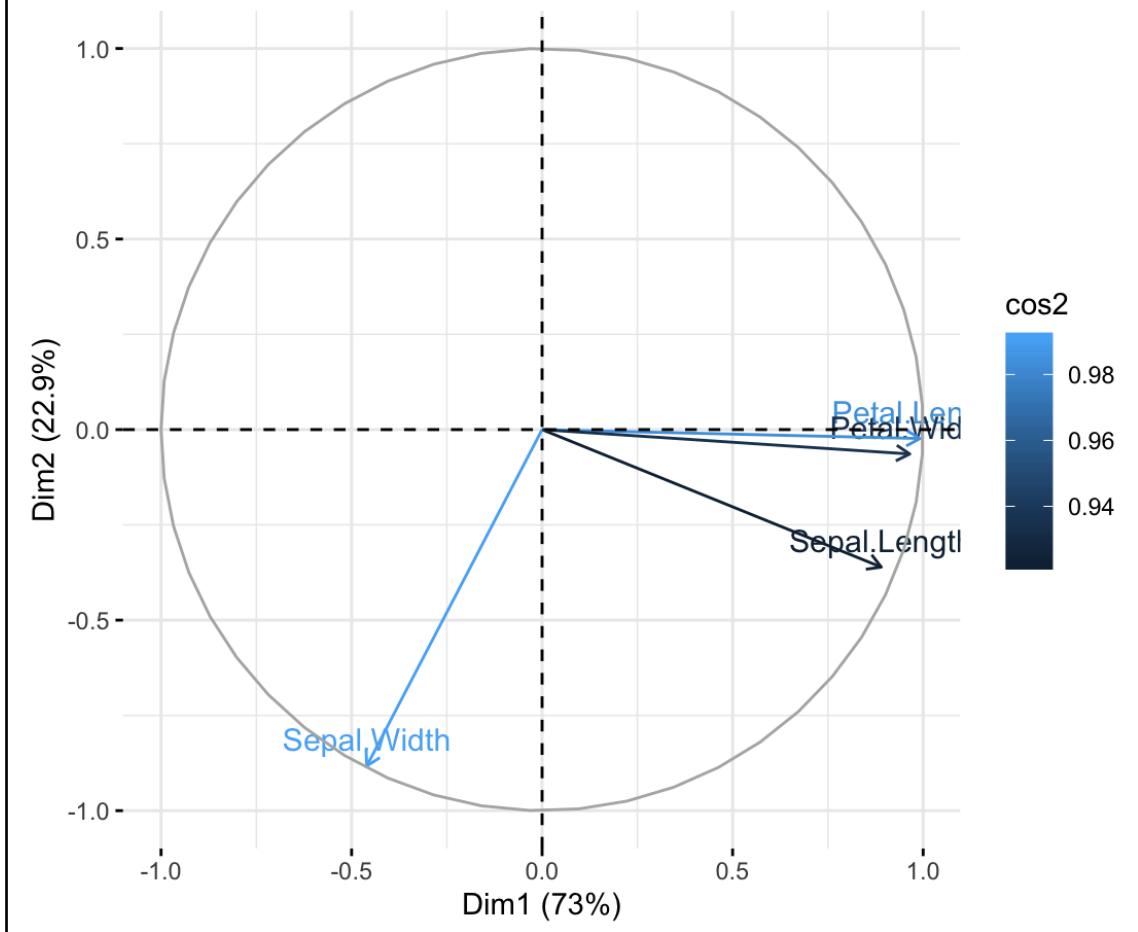
k-Means Sample Clustering



model



Variables - PCA



Chapter 11: Building Objects and Packages for Code Reuse

Chromosome Lengths

