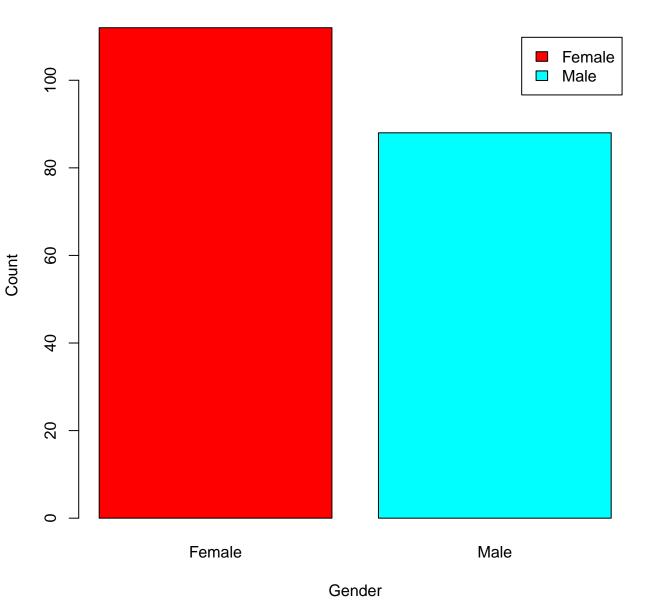
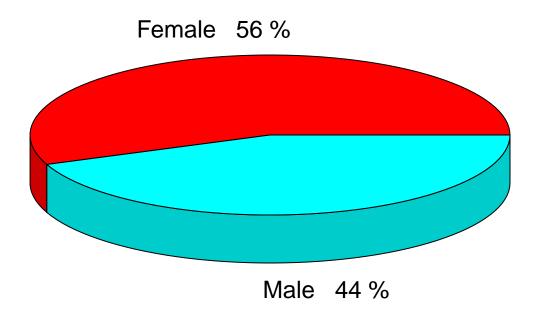
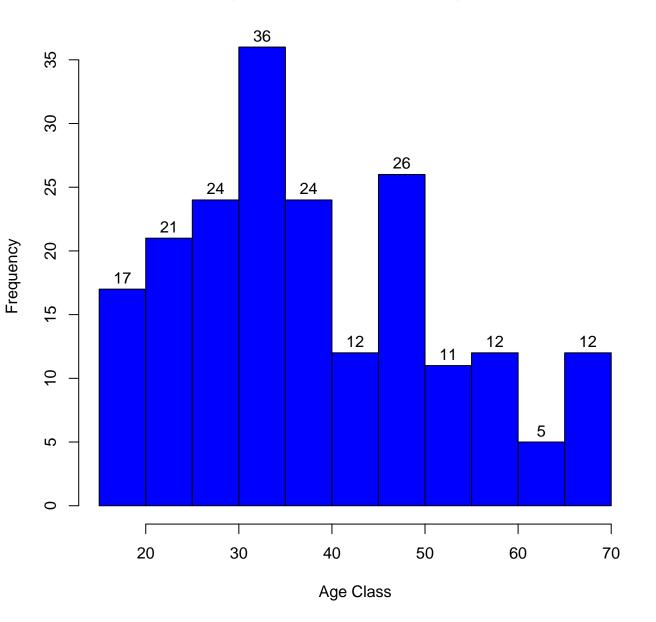
Using BarPlot to display Gender Comparision



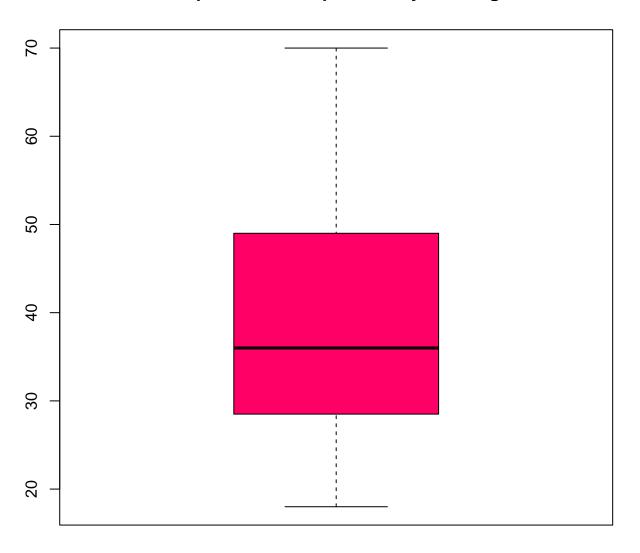
Pie Chart Depicting Ratio of Female and Male



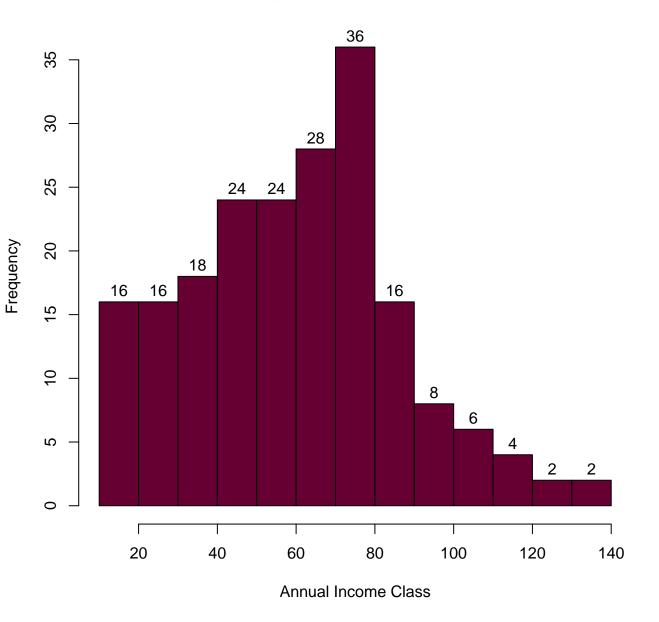
Histogram to Show Count of Age Class



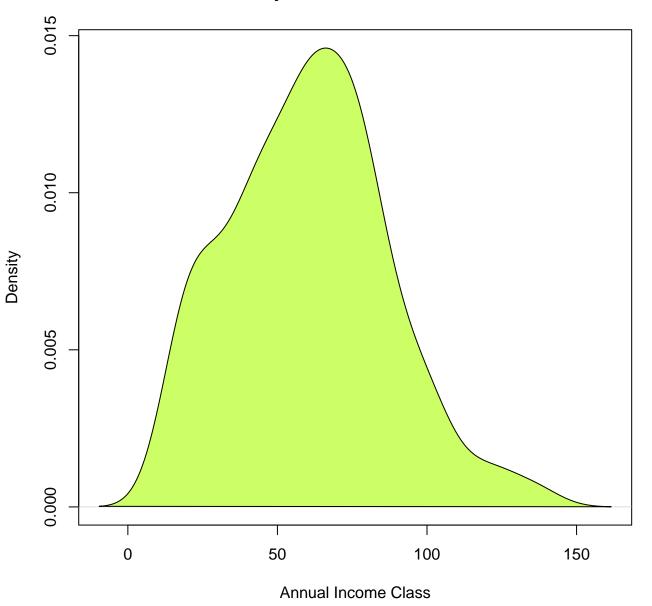
Boxplot for Descriptive Analysis of Age



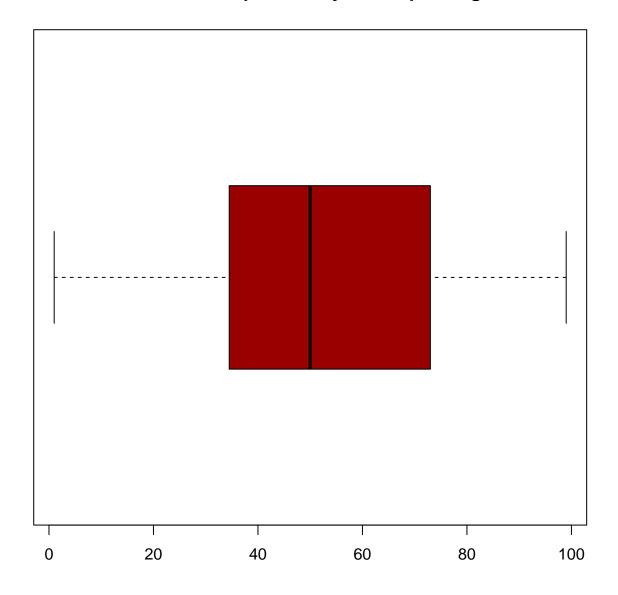
Histogram for Annual Income



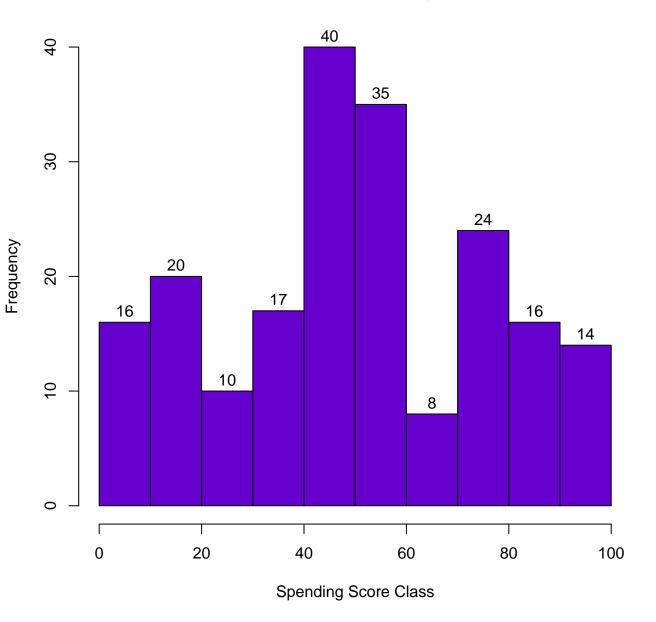
Density Plot for Annual Income

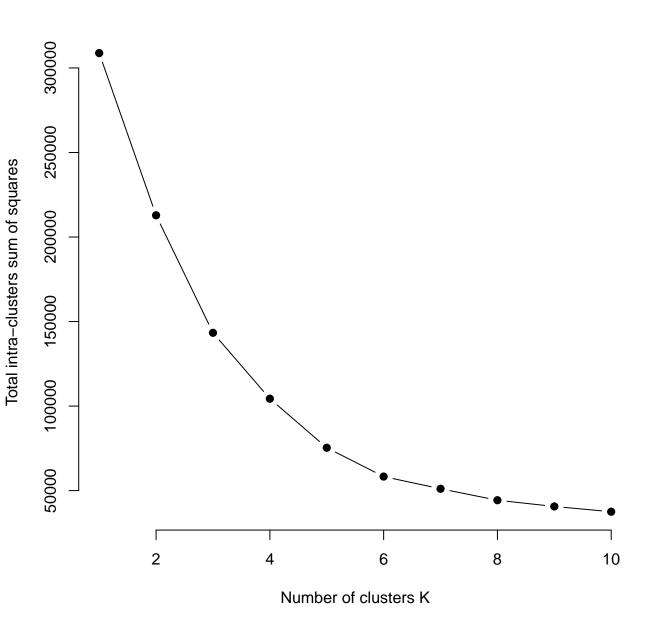


BoxPlot for Descriptive Analysis of Spending Score



HistoGram for Spending Score

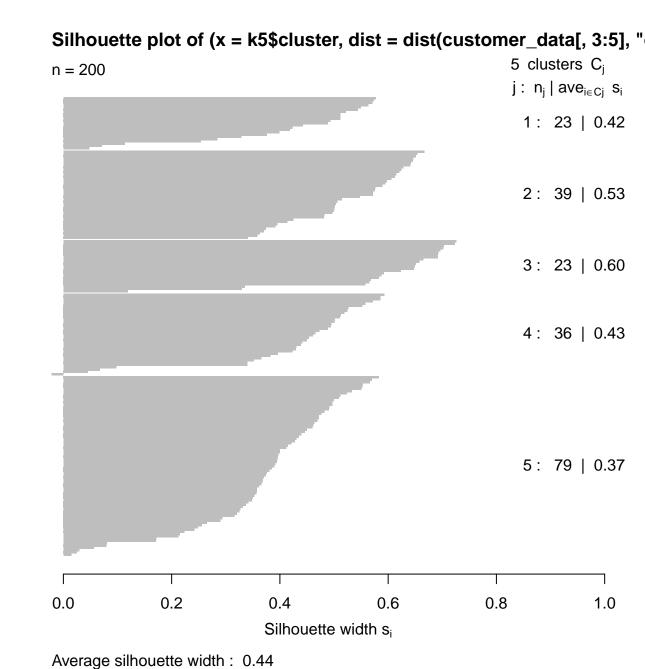


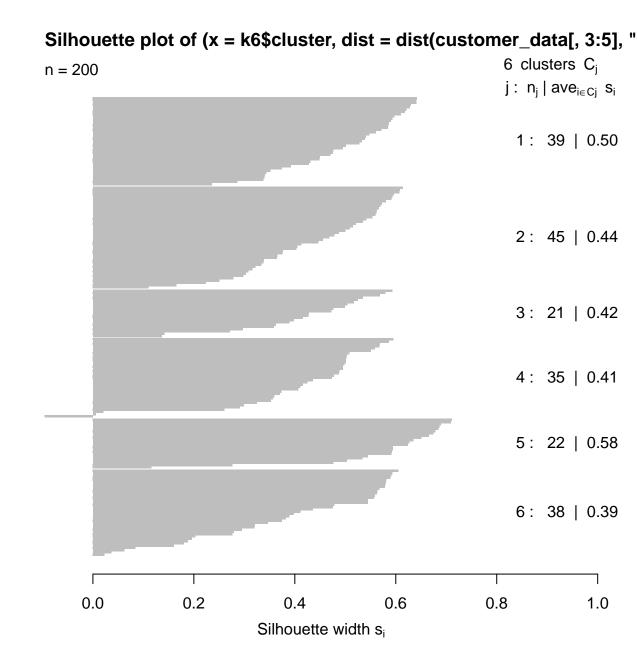


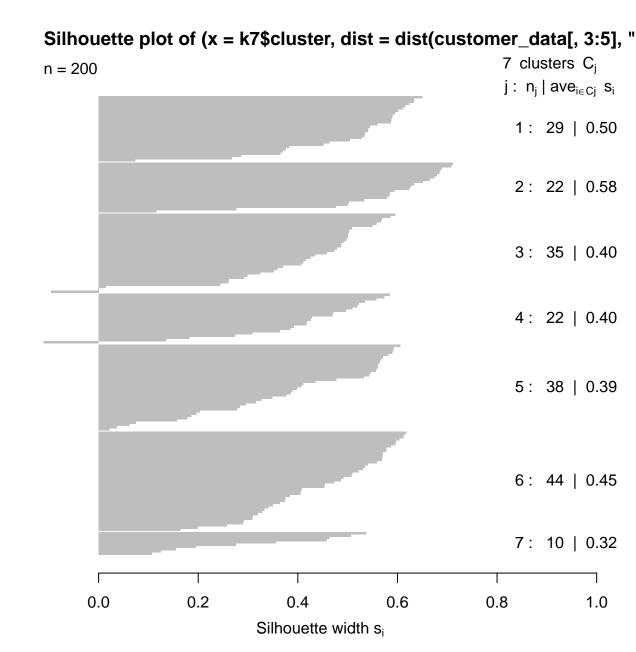
Silhouette plot of (x = k2\$cluster, dist = dist(customer_data[, 3:5], " 2 clusters C_i n = 200 $j:\ n_j \mid ave_{i \in Cj}\ s_i$ 1: 85 | 0.31 2: 115 | 0.28 0.0 0.2 0.4 0.6 8.0 1.0 Silhouette width si

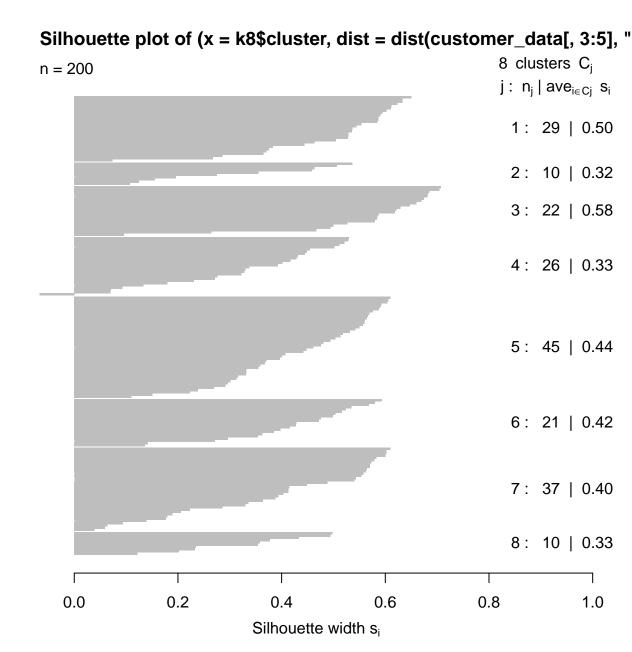
Silhouette plot of (x = k3\$cluster, dist = dist(customer_data[, 3:5], " 3 clusters C_i n = 200 $j:\ n_j\mid ave_{i\in Cj}\ s_i$ 1: 123 | 0.28 2: 38 | 0.50 3: 39 | 0.60 0.2 0.4 0.0 0.6 8.0 1.0 Silhouette width si

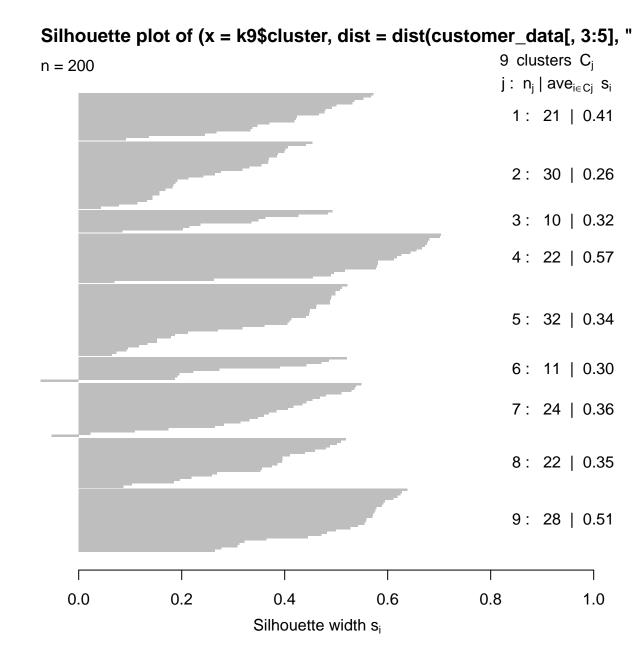
Silhouette plot of (x = k4\$cluster, dist = dist(customer_data[, 3:5], " 4 clusters C_i n = 200 $j: n_j \mid ave_{i \in C_j} s_i$ 1: 28 | 0.51 2: 39 | 0.58 3: 95 | 0.29 4: 38 | 0.44 0.2 0.4 0.0 0.6 8.0 1.0 Silhouette width si











Silhouette plot of $(x = k10\cluster, dist = dist(customer_data[, 3:5],$ 10 clusters C_i n = 200j: n_i | ave_{i∈Ci} s_i 1: 28 | 0.50 2: 29 | 0.37 3: 13 | 0.28 4: 11 | 0.30 5: 27 | 0.31 6: 13 | 0.36 7: 22 | 0.56 8: 24 | 0.32 9: 22 | 0.38 10: 11 | 0.28 0.0 0.2 0.4 0.6 8.0 1.0

Silhouette width si

