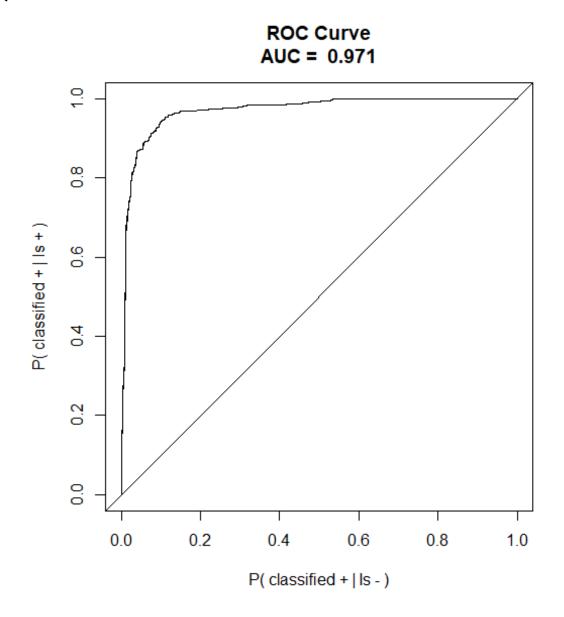
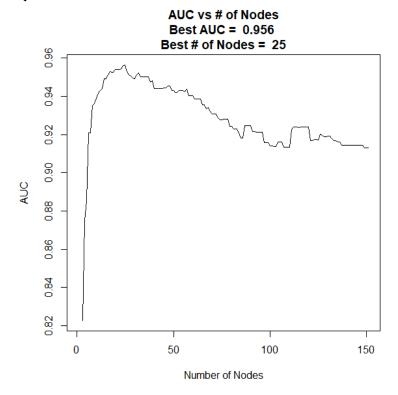
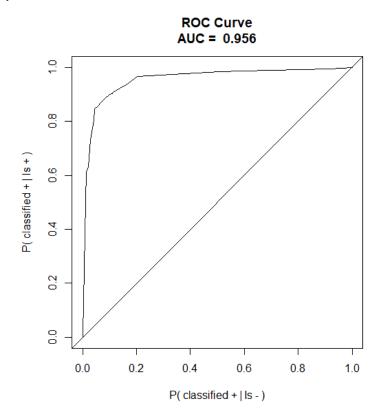
# **Question 1 ROC Curve Plot:**



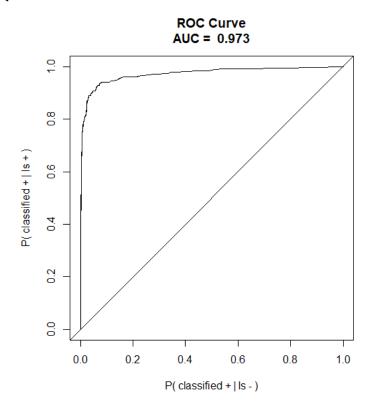
### Question 2 AUC vs # of Nodes Plot:



### **Question 2 ROC Curve Plot:**



### **Question 3 ROC Curve Plot:**



## **Question 4 ROC Curve Plot:**

