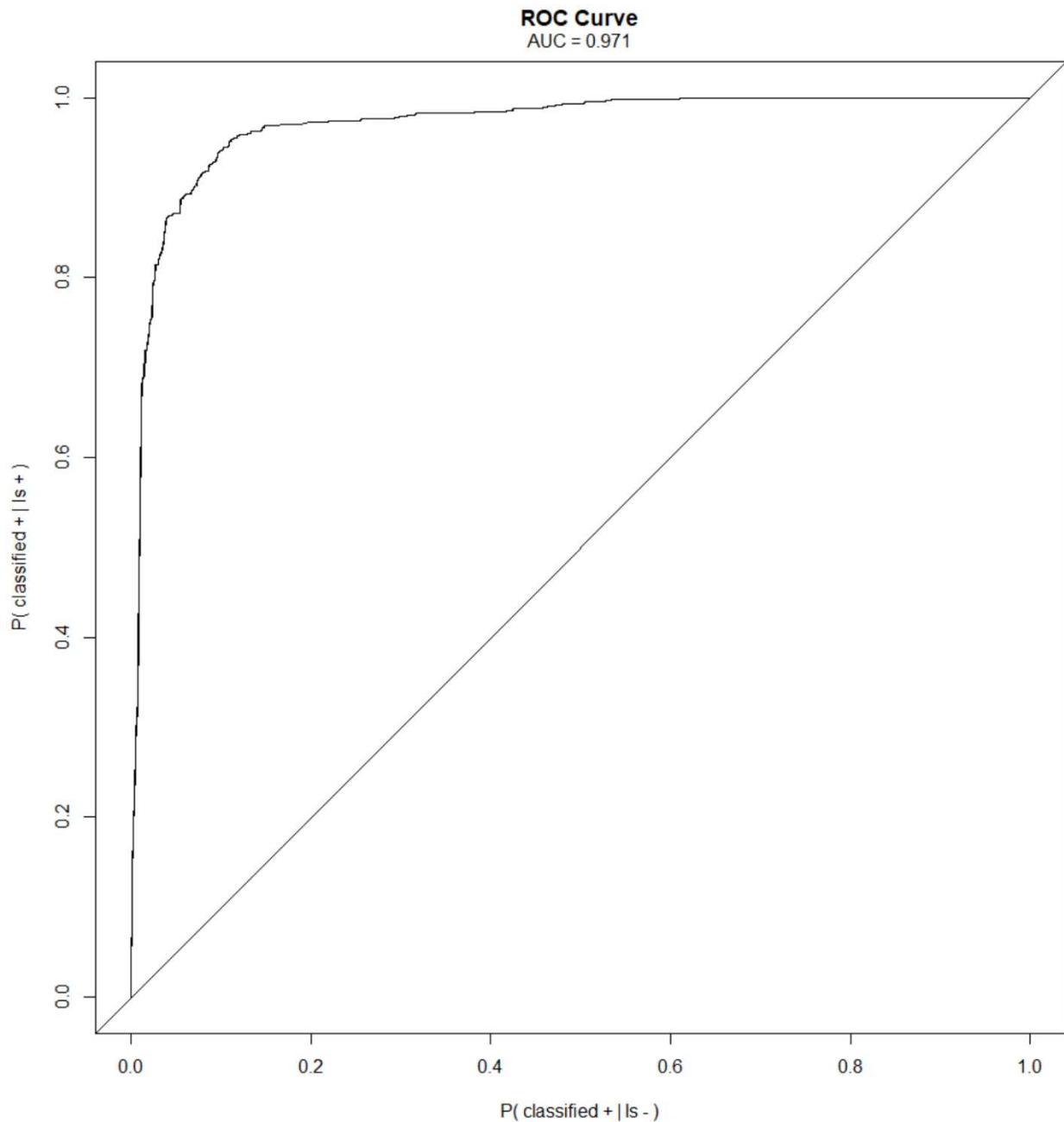


Name: Aman Jiddewar.

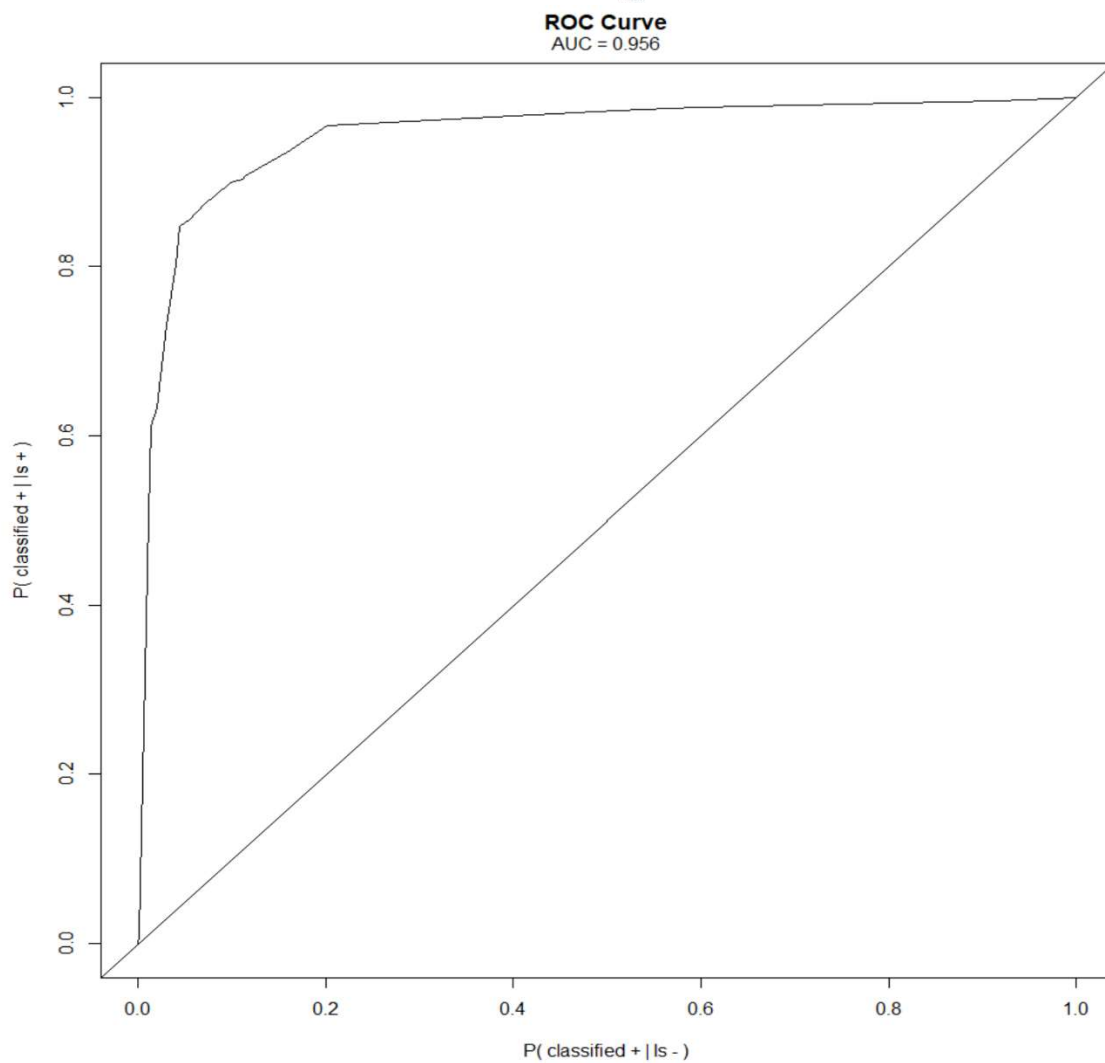
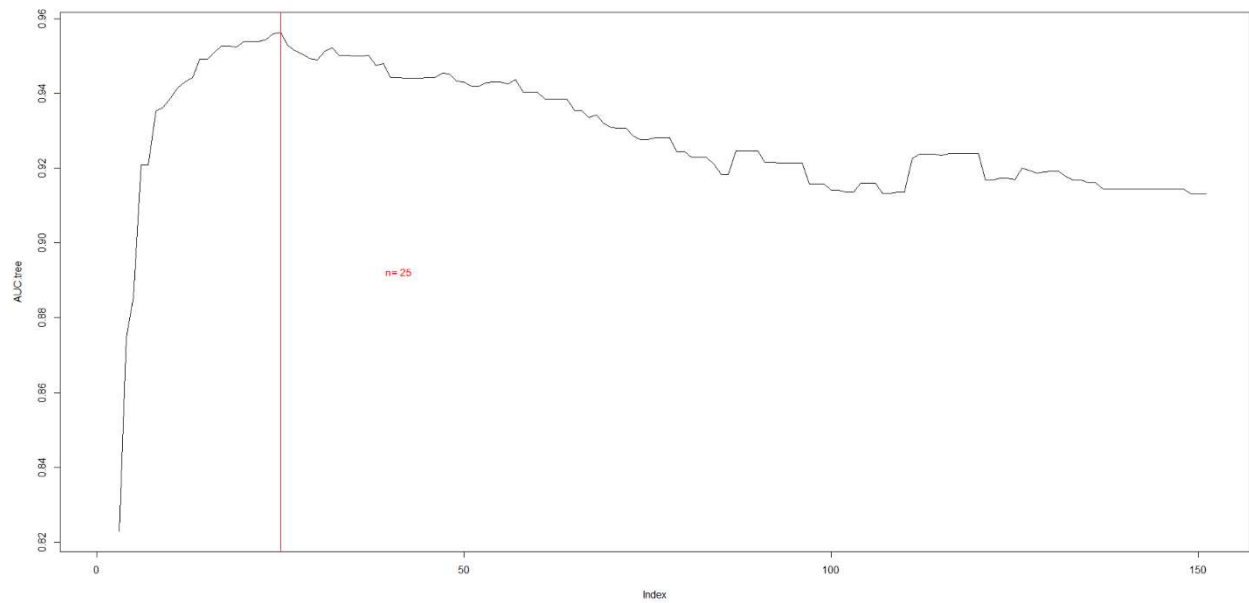
NetId: AJIDDEW

Plot 1: Logistic Regression.

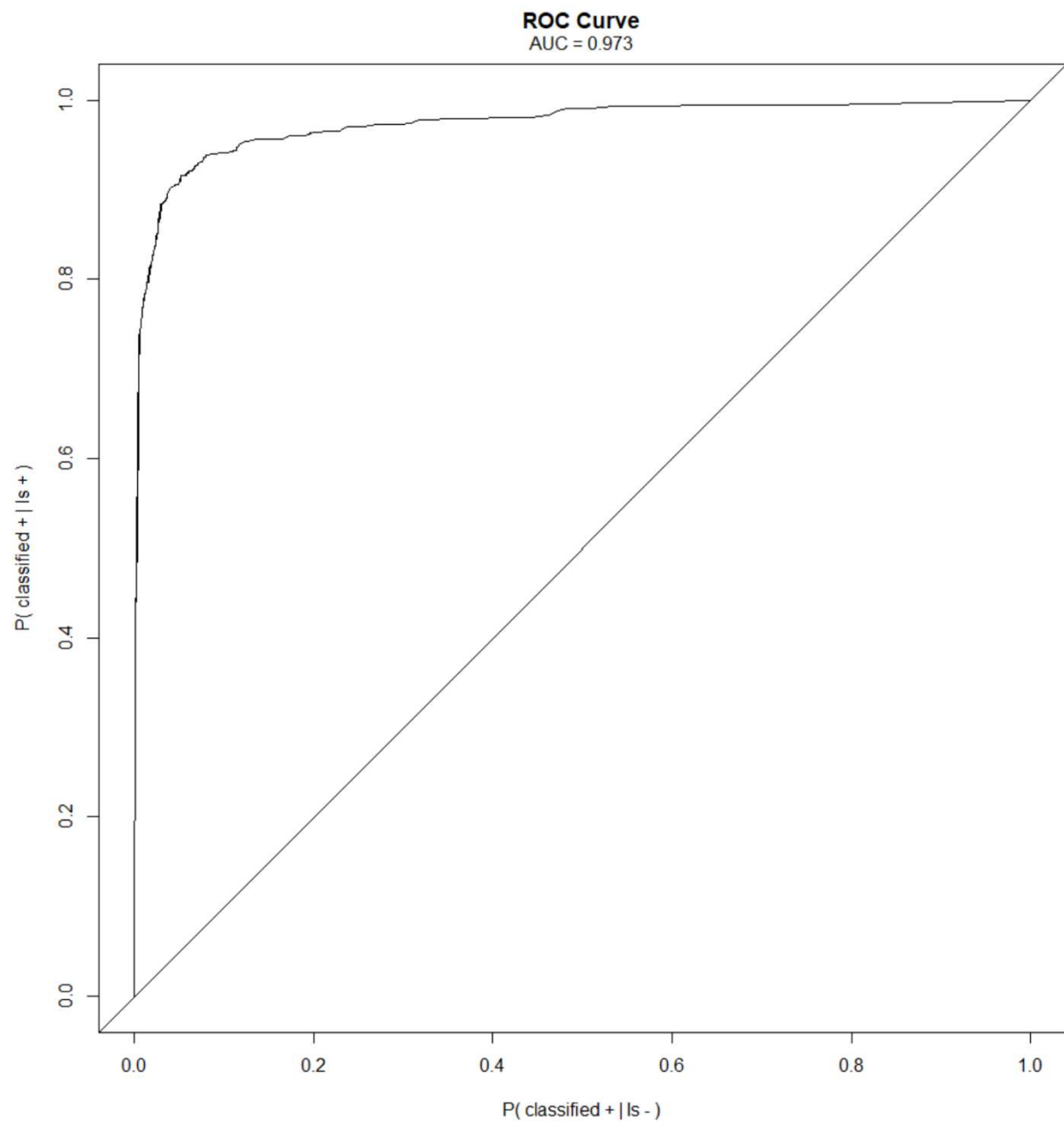
```
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  freq.george + cap.run.length.longest + freq.free + freq.edu +  
  freq.business + freq.meeting + freq.000 + freq.money + freq.our +  
  freq.hpl + freq.re + freq.project + freq.credit + freq.over +  
  freq.internet + freq.exclamation + freq.data + freq.cs +  
  cap.run.length.total + freq.your + freq.conference + freq.pound +  
  freq.semicolon + freq.original + freq.650 + freq.make + freq.lab +  
  freq.order + freq.85 + freq.address + freq.mail + freq.addresses +  
  freq.3d, family = binomial(link = "logit"), data = TrainData)
```



Plot 2 & 3: Best Decision Tree Model. NNodes = 25



Plot 4: Bagging to fit a model.



Plot 5: Random forests to fit a model

