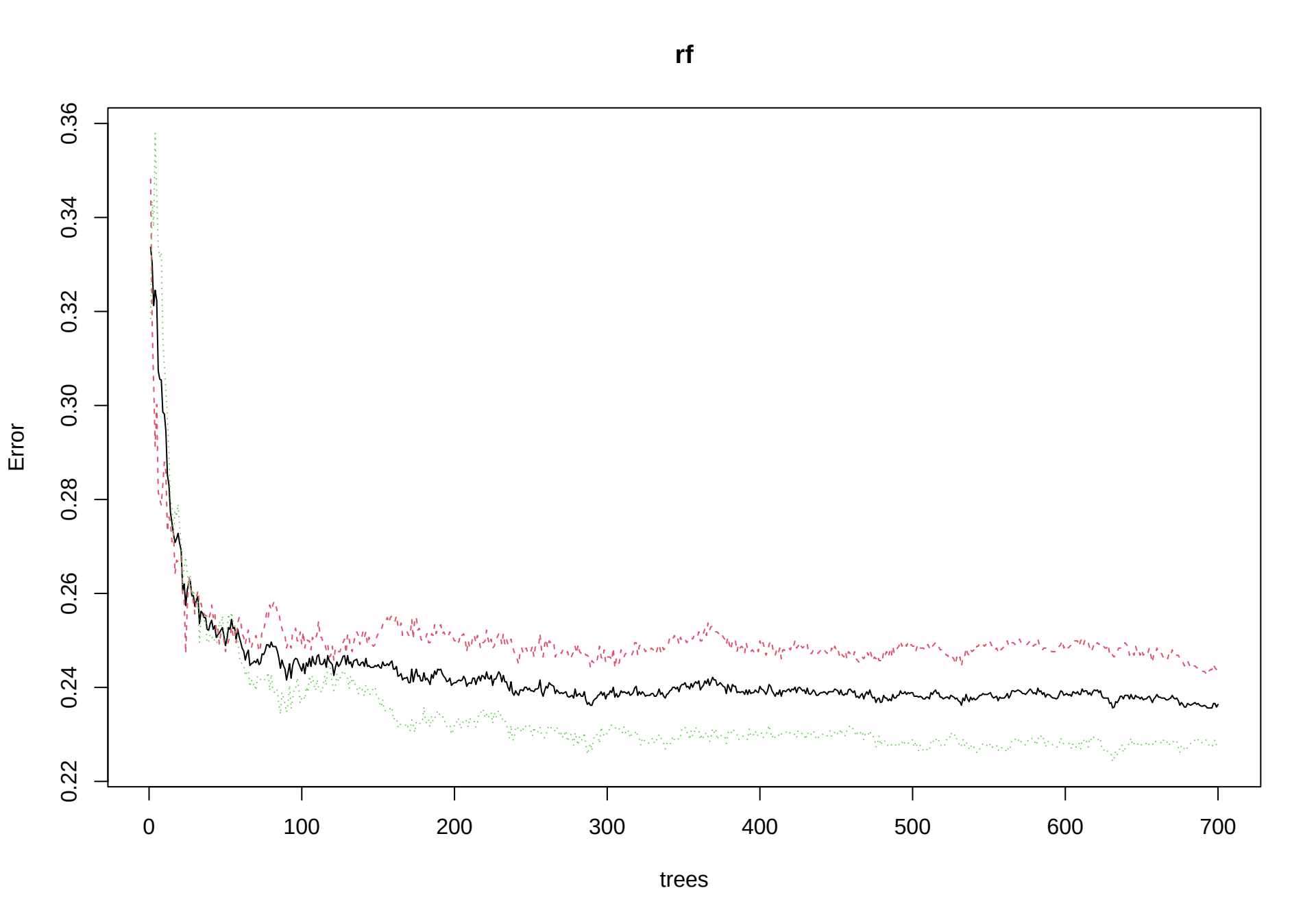
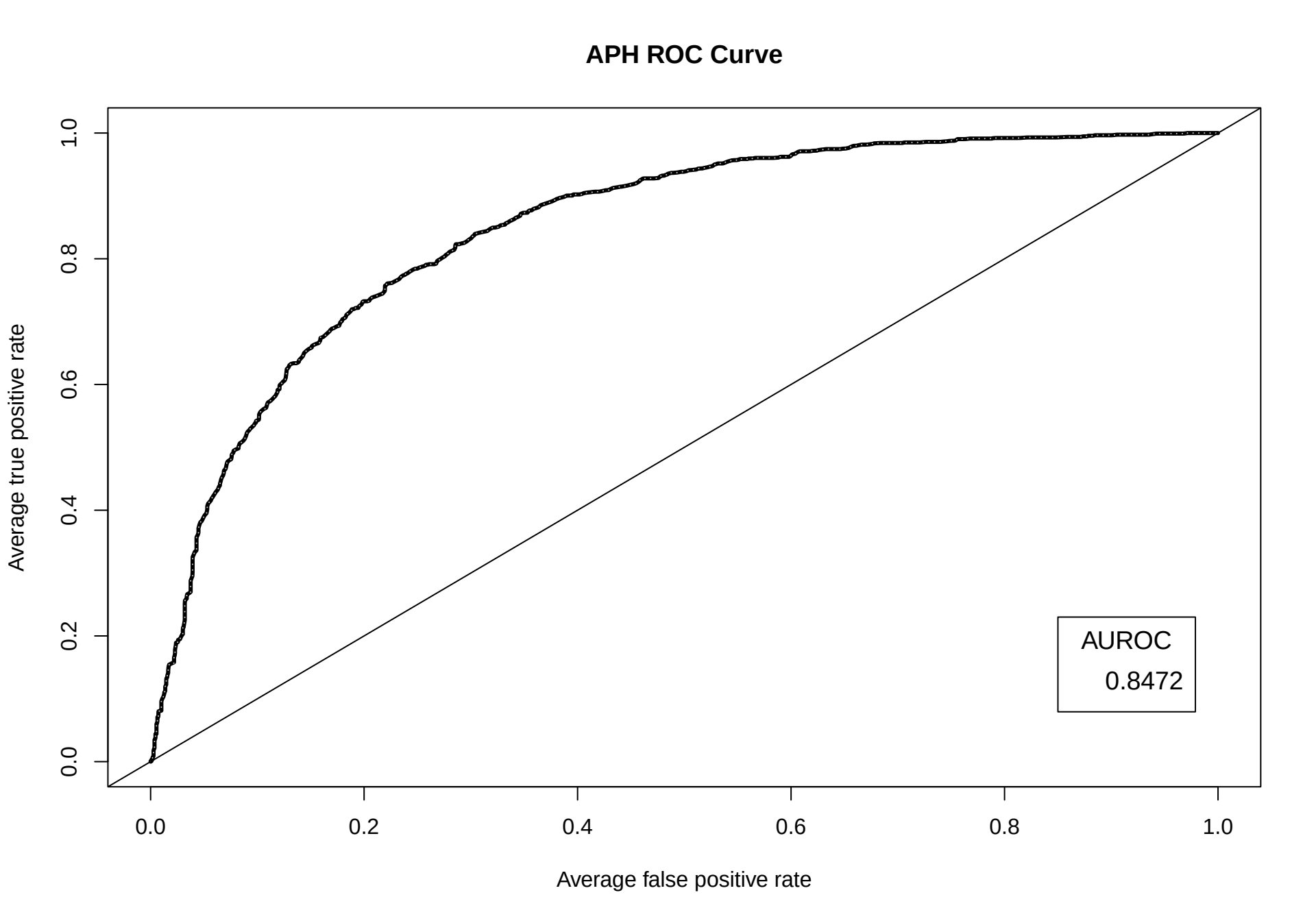
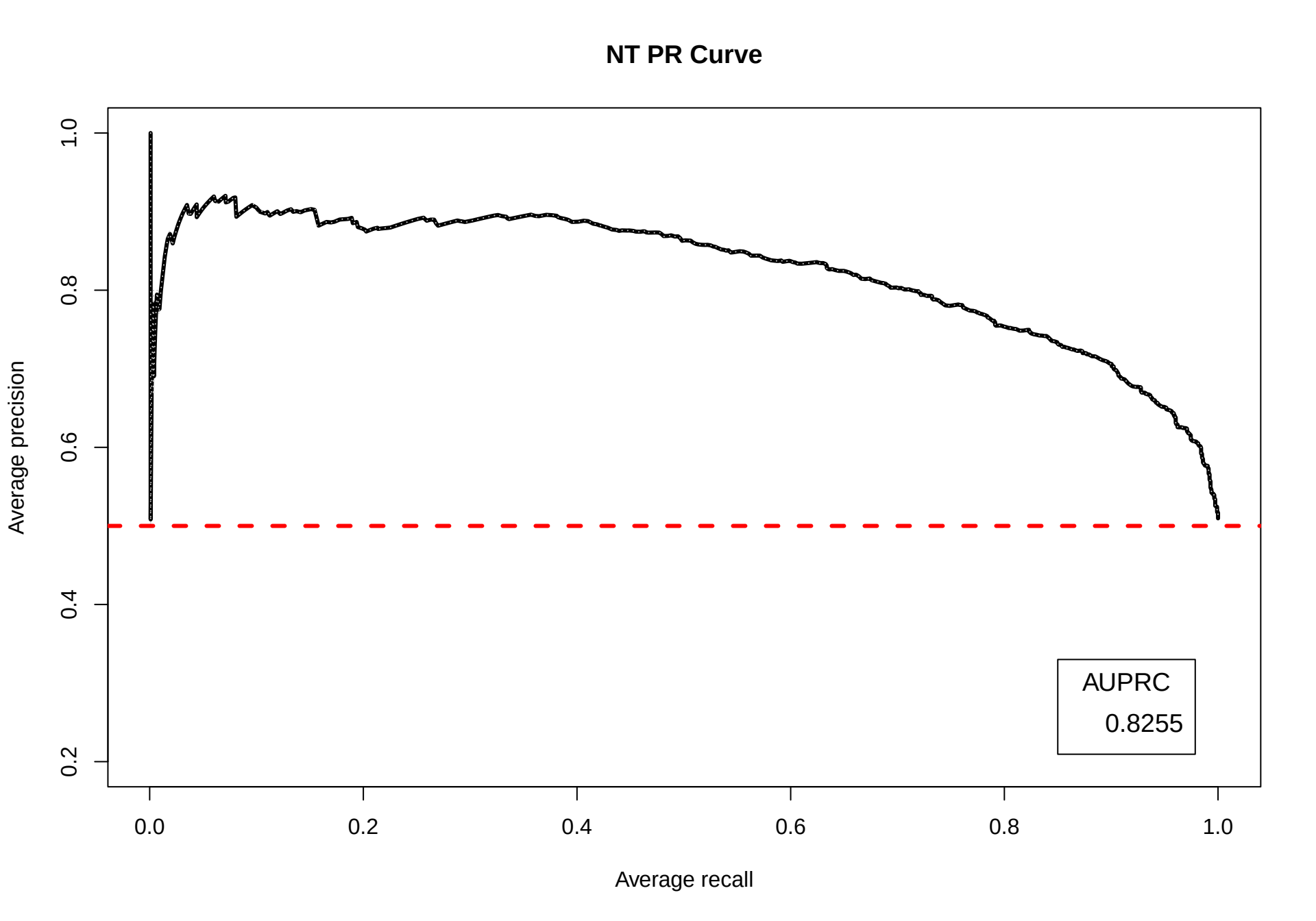
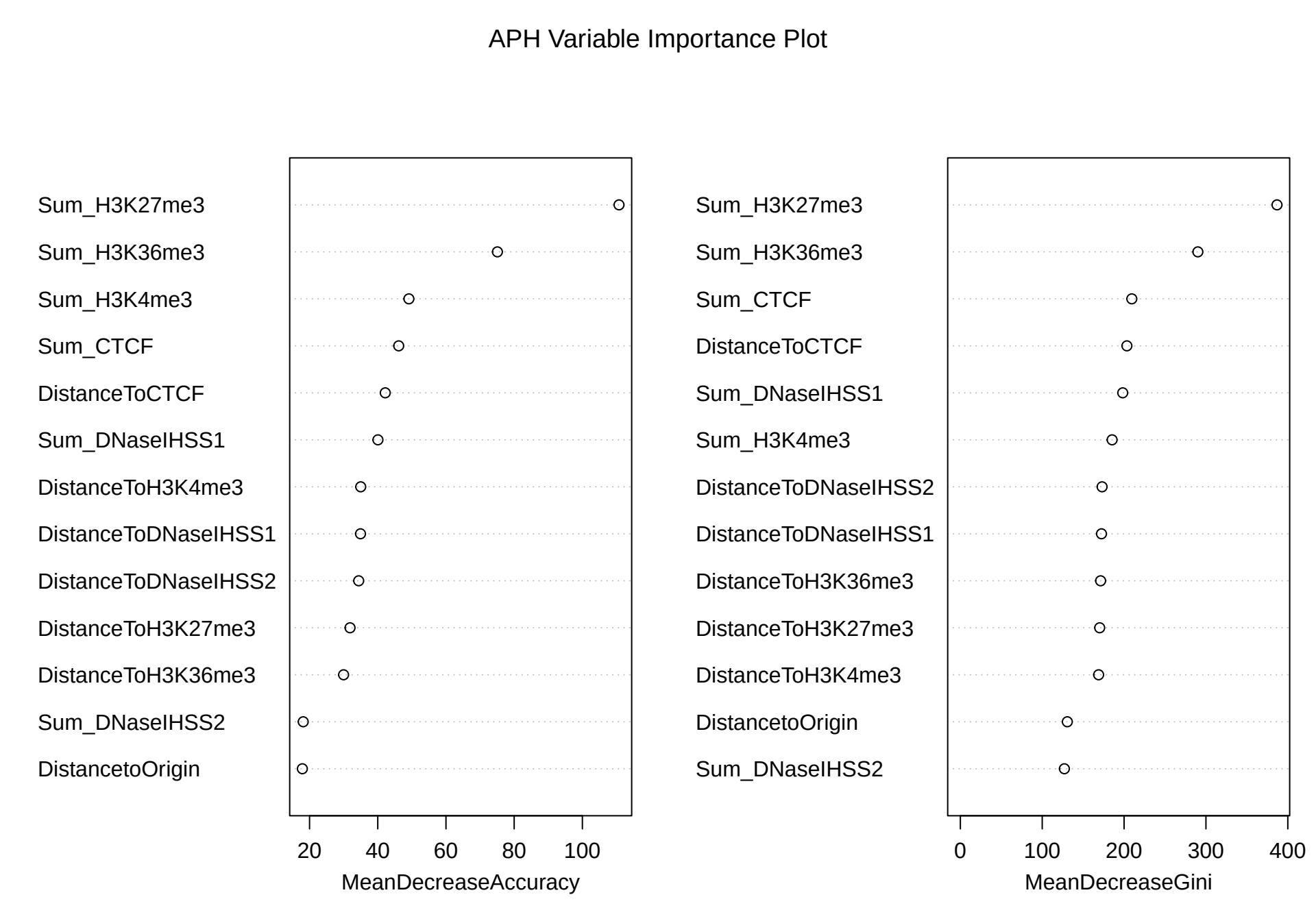
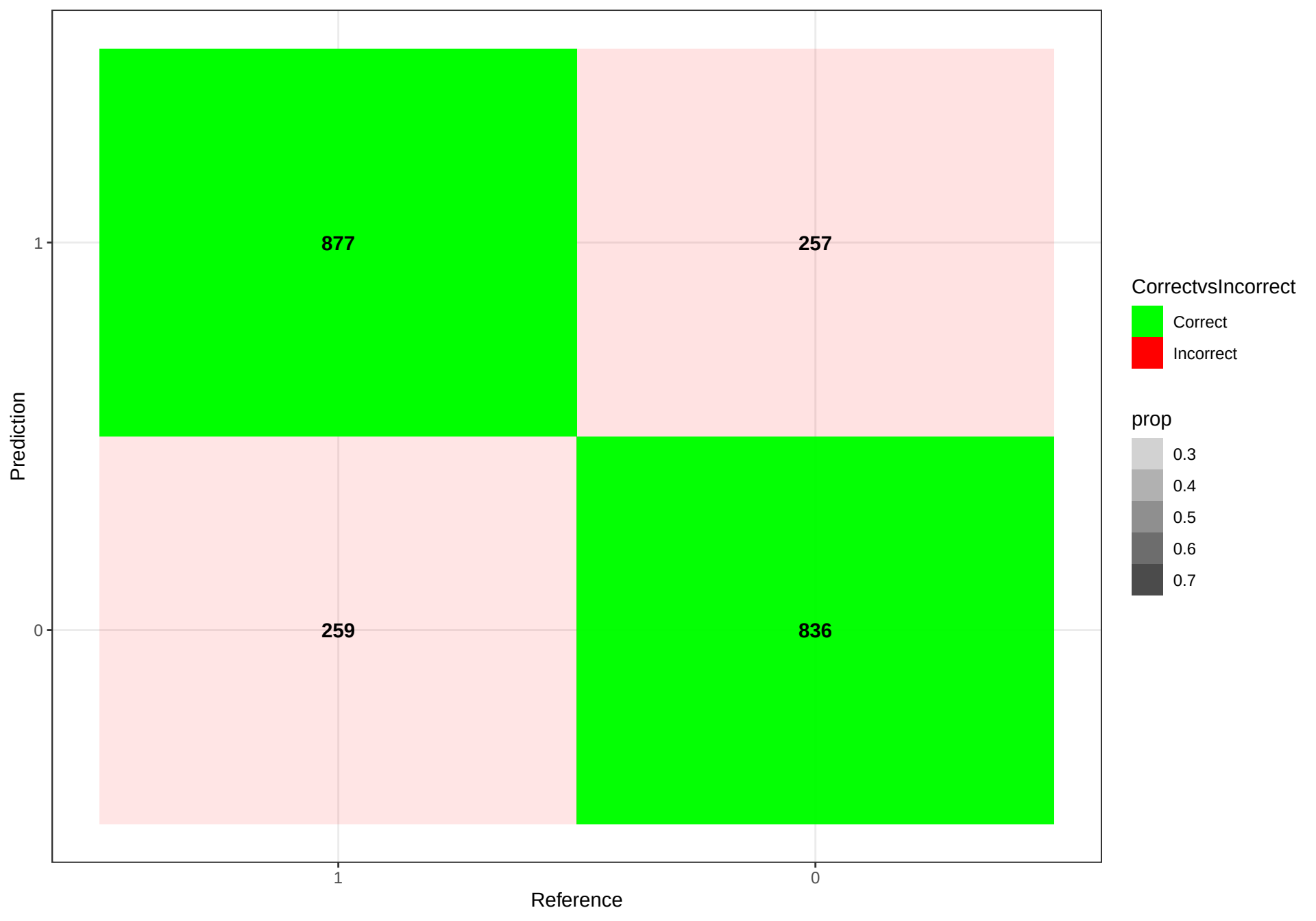

rf
Error
0.22
0.24
0.26
0.28
0.30
0.32
0.34
0.36
0
100
200
300
400
500
600
700
trees


APH ROC Curve
Average true positive rate
Average false positive rate
0.0
0.2
0.4
0.6
0.8
1.0
AUROC
0.8472


NT PR Curve
Average precision
1.0
0.8
0.6
0.4
0.2
0.0
0.2
0.4
0.6
0.8
1.0
Average recall
AUPRC
0.8255


APH Variable Importance Plot
Sum_H3K27me3
Sum_H3K36me3
Sum_H3K4me3
Sum_CTCF
DistanceToCTCF
Sum_DNaseIHSS1
DistanceToH3K4me3
DistanceToDNaseIHSS1
DistanceToDNaseIHSS2
DistanceToH3K27me3
DistanceToH3K36me3
Sum_DNaseIHSS2
DistancetoOrigin
20
40
60
80
100
MeanDecreaseAccuracy
Sum_H3K27me3
Sum_H3K36me3
Sum_CTCF
DistanceToCTCF
Sum_DNaseIHSS1
Sum_H3K4me3
DistanceToDNaseIHSS2
DistanceToDNaseIHSS1
DistanceToH3K36me3
DistanceToH3K27me3
DistanceToH3K4me3
DistancetoOrigin
Sum_DNaseIHSS2
0
100
200
300
400
MeanDecreaseGini


877
257
259
836
1
0
Prediction
1
0
Reference
CorrectvsIncorrect
Correct
Incorrect
prop
0.3
0.4
0.5
0.6
0.7

	0	1	MeanDecreaseAccuracy	MeanDecreaseGini
Sum_H3K36me3	55.8280467360083	38.5068519385321	75.0813388667265	290.133579090295
Sum_H3K27me3	77.2419796989489	76.1642121010729	110.741405068827	386.815515100815
Sum_H3K4me3	39.3099076940517	26.9729743436662	49.1296713151757	185.382609274544
Sum_CTCF	37.0090682219121	23.35230150243	46.1418602613034	209.451998601457
Sum_DNaseIHSS1	54.881824693936	−10.6806130248352	40.0464326953294	198.339664653841
Sum_DNaseIHSS2	35.3544624553128	−18.015508905335	18.1446611694786	127.073090181142
DistancetoOrigin	17.1752725010978	7.36921040378198	17.8888148317759	130.677133053326
DistanceToCTCF	37.3637807881652	20.9265810626352	42.1962146589966	203.430510796669
DistanceToDNaseIHSS1	21.6852230728902	21.020259360122	34.941707424945	172.409306124624
DistanceToDNaseIHSS2	26.7126143602796	18.9096501938005	34.4074410426652	173.14080870436
DistanceToH3K4me3	17.3787460312607	24.7575712587479	35.0041596973644	168.900014401
DistanceToH3K27me3	19.3783169085714	22.5941900228452	31.8710257418394	170.200794175997
DistanceToH3K36me3	22.1535906879029	15.9573383206475	29.9777799239944	171.32228378458