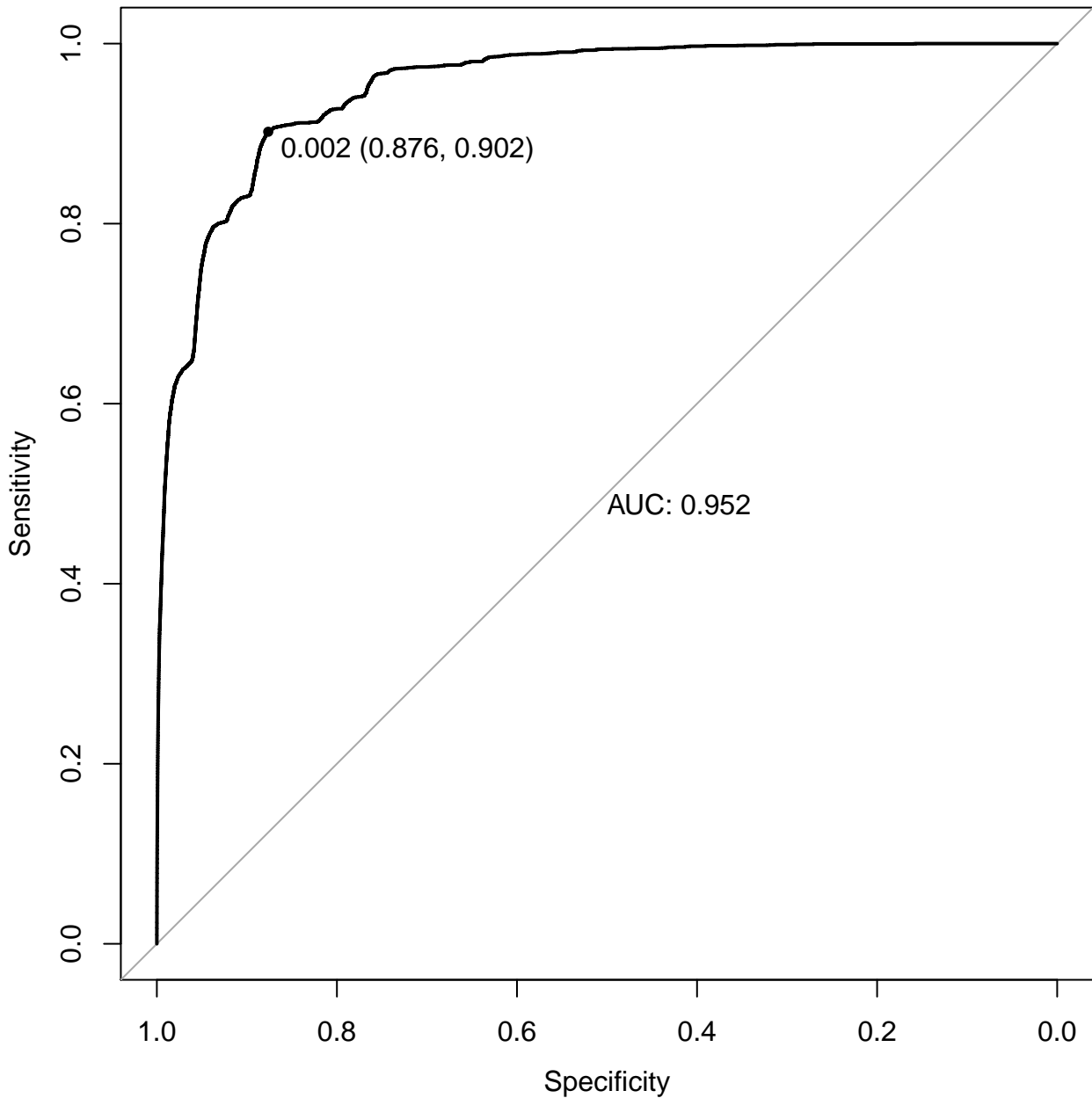


ROC curve



```
$days_in_game
```

```
[1] "0-7"
```

```
[[2]]
```

```
Area under the curve: 0.9521
```

```
$cutOff
```

```
[1] 0.05066604
```

Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	2454427	3837
TRUE	3837	1331

Accuracy : 0.9969

95% CI : (0.9968, 0.997)

No Information Rate : 0.9979

P-Value [Acc > NIR] : 1

Kappa : 0.256

Mcnemar's Test P-Value : 1

Sensitivity : 0.2575464

Specificity : 0.9984391

Pos Pred Value : 0.2575464

Neg Pred Value : 0.9984391

Prevalence : 0.0020979

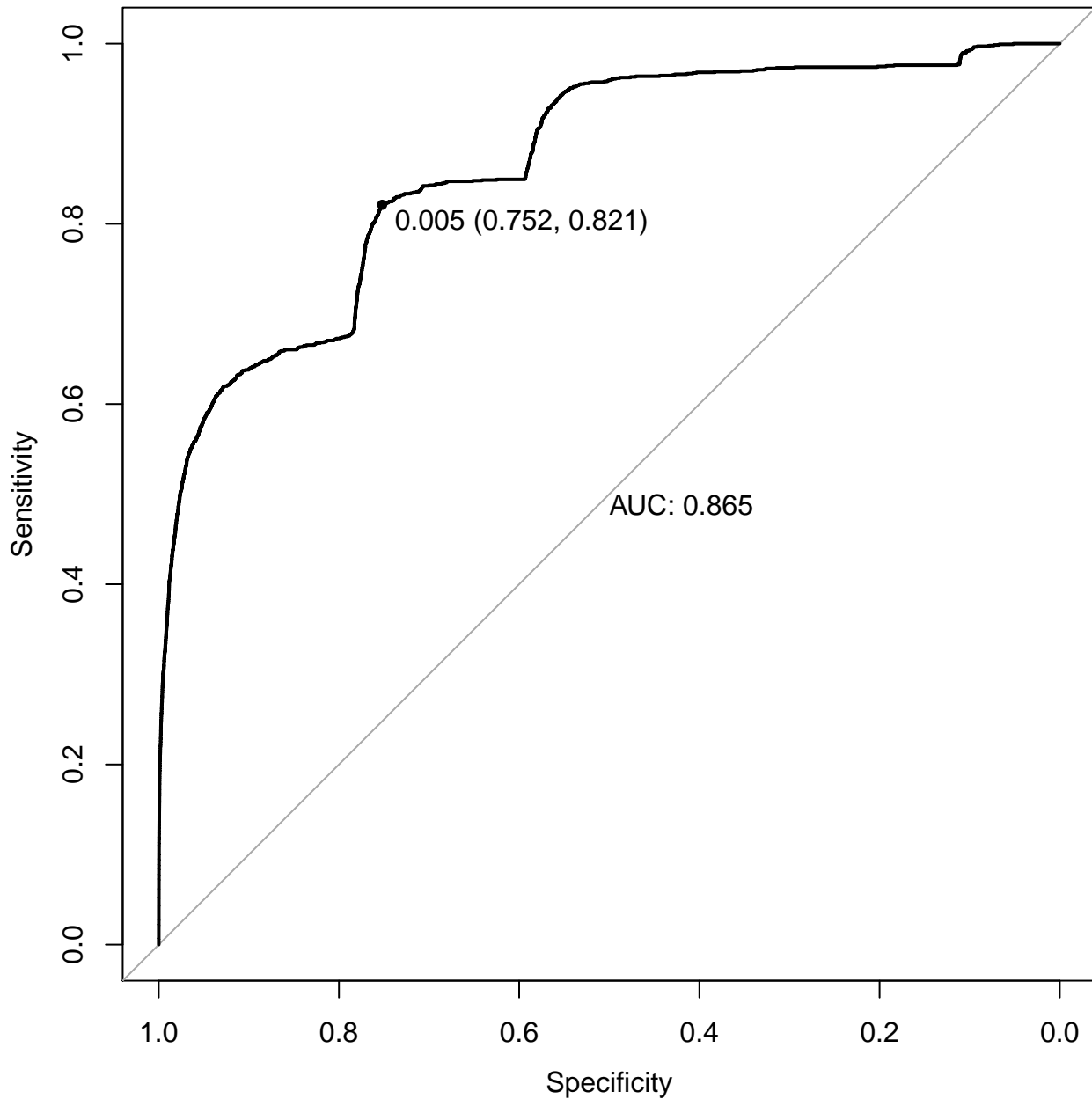
Detection Rate : 0.0005403

Detection Prevalence : 0.0020979

Balanced Accuracy : 0.6279928

'Positive' Class : TRUE

ROC curve



```
$days_in_game
```

```
[1] 0
```

```
[[2]]
```

```
Area under the curve: 0.865
```

```
$cutOff
```

```
[1] 0.02219448
```

Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	305527	1017
TRUE	1021	364

Accuracy : 0.9934

95% CI : (0.9931, 0.9937)

No Information Rate : 0.9955

P-Value [Acc > NIR] : 1.000

Kappa : 0.2599

McNemar's Test P-Value : 0.947

Sensitivity : 0.263577

Specificity : 0.996669

Pos Pred Value : 0.262816

Neg Pred Value : 0.996682

Prevalence : 0.004485

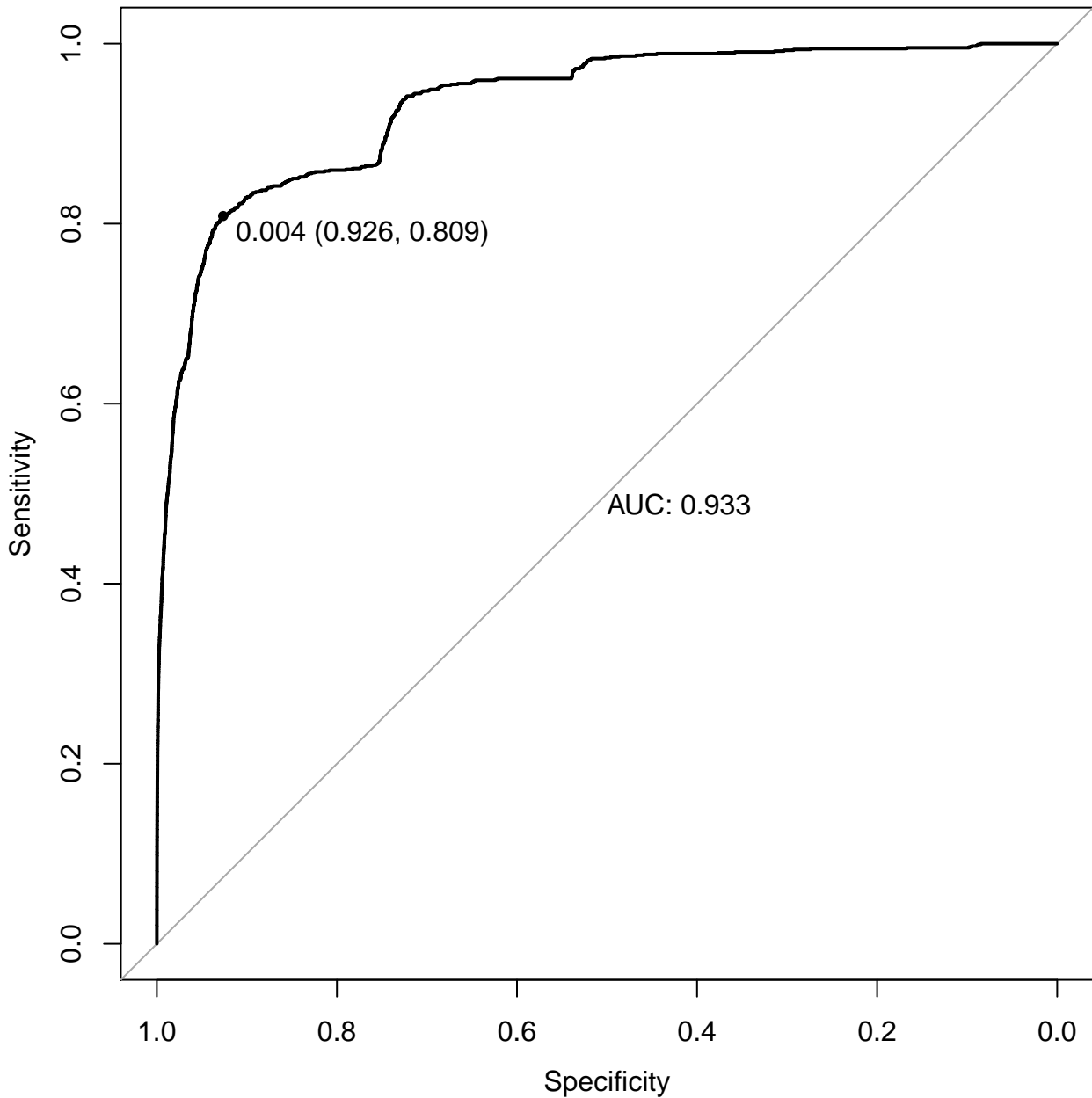
Detection Rate : 0.001182

Detection Prevalence : 0.004498

Balanced Accuracy : 0.630123

'Positive' Class : TRUE

ROC curve



```
$days_in_game
```

```
[1] 1
```

```
[[2]]
```

```
Area under the curve: 0.9327
```

```
$cutOff
```

```
[1] 0.02862497
```


Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	306111	738
TRUE	737	343

Accuracy : 0.9952

95% CI : (0.995, 0.9955)

No Information Rate : 0.9965

P-Value [Acc > NIR] : 1

Kappa : 0.315

McNemar's Test P-Value : 1

Sensitivity : 0.317299

Specificity : 0.997598

Pos Pred Value : 0.317593

Neg Pred Value : 0.997595

Prevalence : 0.003511

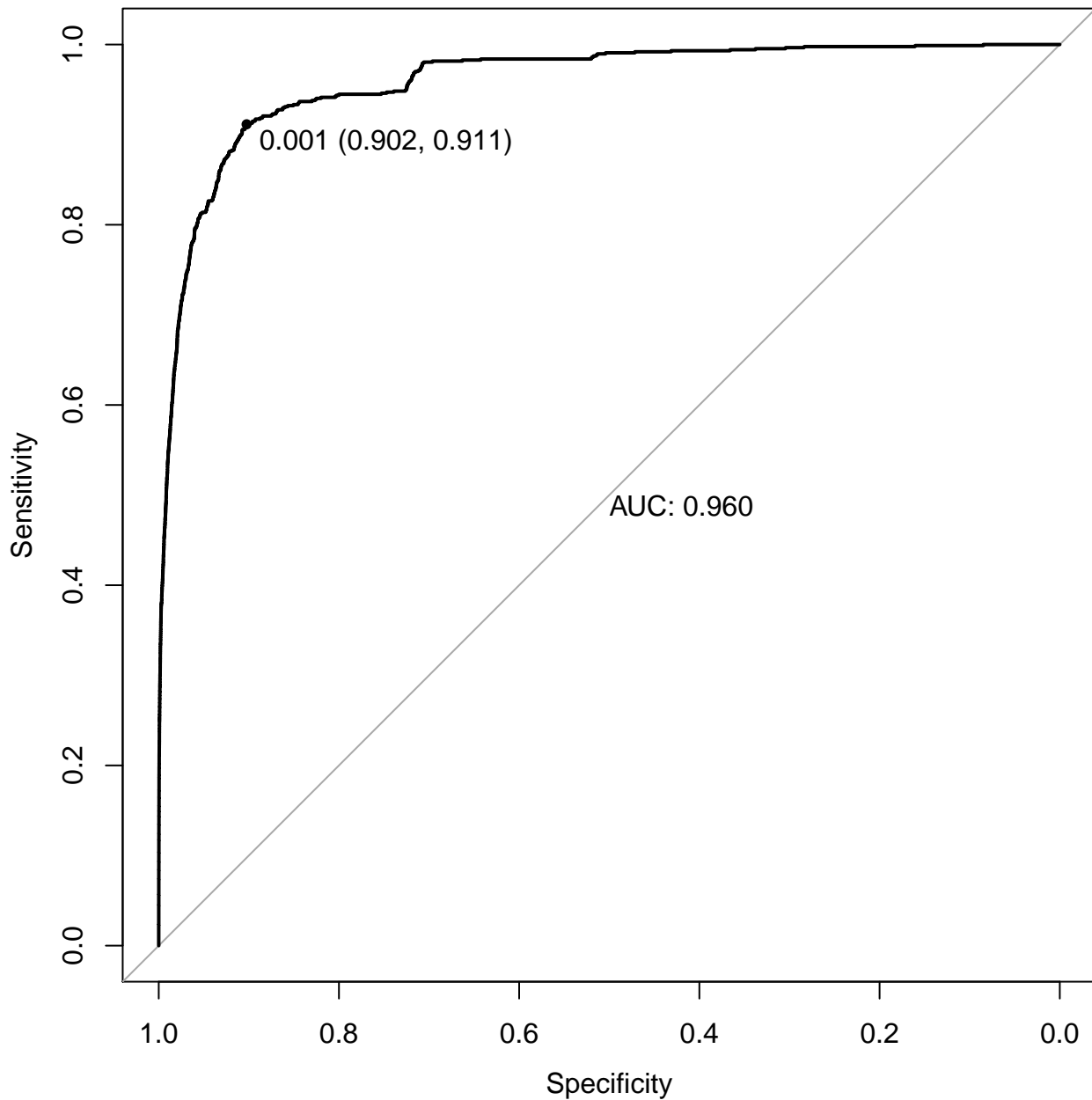
Detection Rate : 0.001114

Detection Prevalence : 0.003507

Balanced Accuracy : 0.657448

'Positive' Class : TRUE

ROC curve



```
$days_in_game
```

```
[1] 2
```

```
[[2]]
```

```
Area under the curve: 0.9596
```

```
$cutOff
```

```
[1] 0.035948
```

Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	306479	580
TRUE	580	290

Accuracy : 0.9962

95% CI : (0.996, 0.9964)

No Information Rate : 0.9972

P-Value [Acc > NIR] : 1

Kappa : 0.3314

McNemar's Test P-Value : 1

Sensitivity : 0.3333333

Specificity : 0.9981111

Pos Pred Value : 0.3333333

Neg Pred Value : 0.9981111

Prevalence : 0.0028253

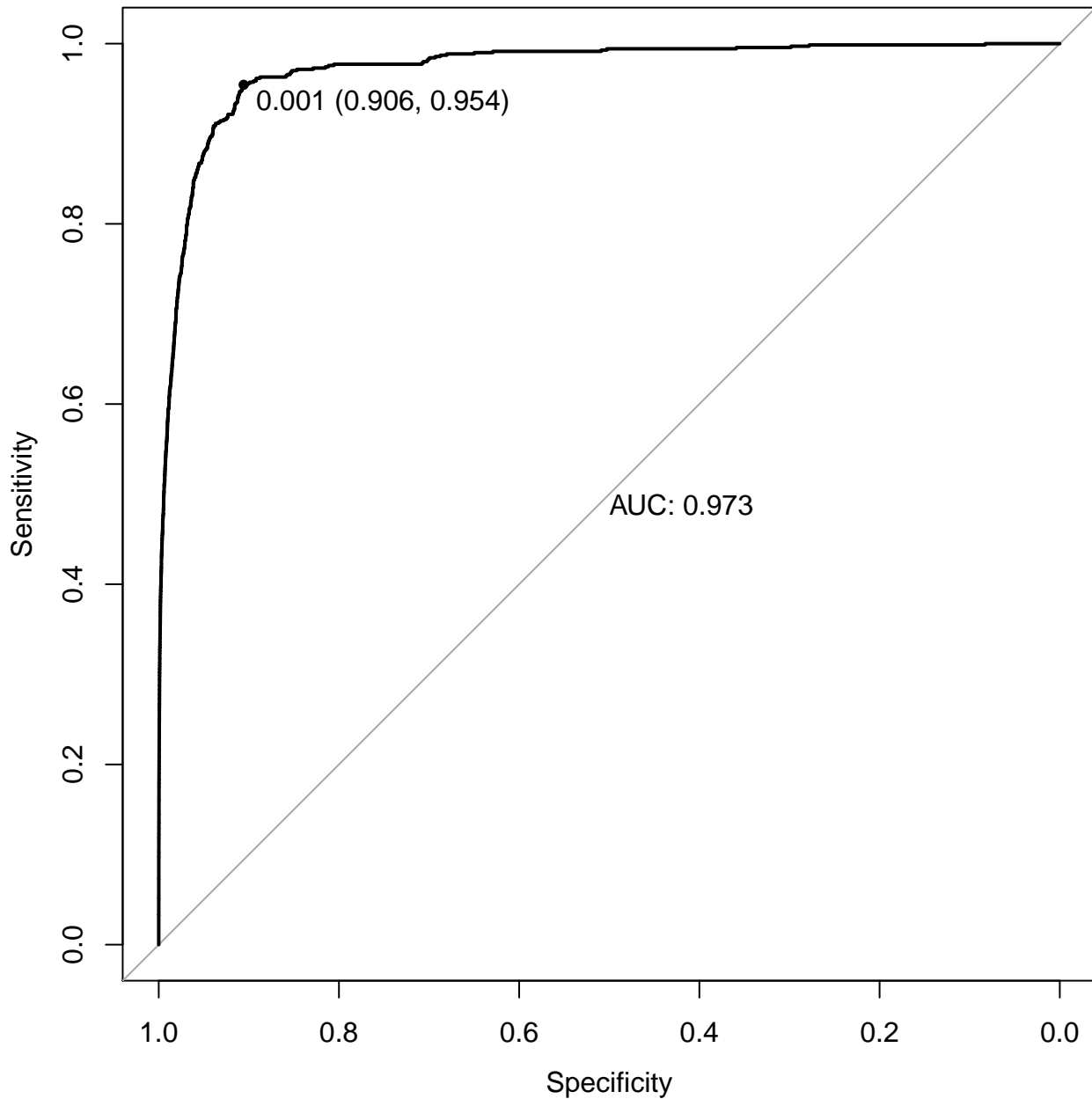
Detection Rate : 0.0009418

Detection Prevalence : 0.0028253

Balanced Accuracy : 0.6657222

'Positive' Class : TRUE

ROC curve



```
$days_in_game
```

```
[1] 3
```

```
[[2]]
```

```
Area under the curve: 0.9726
```

```
$cutOff
```

```
[1] 0.04790642
```

Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	306776	462
TRUE	452	239

Accuracy : 0.997

95% CI : (0.9968, 0.9972)

No Information Rate : 0.9977

P-Value [Acc > NIR] : 1.0000

Kappa : 0.3419

Mcnemar's Test P-Value : 0.7659

Sensitivity : 0.3409415

Specificity : 0.9985288

Pos Pred Value : 0.3458755

Neg Pred Value : 0.9984963

Prevalence : 0.0022765

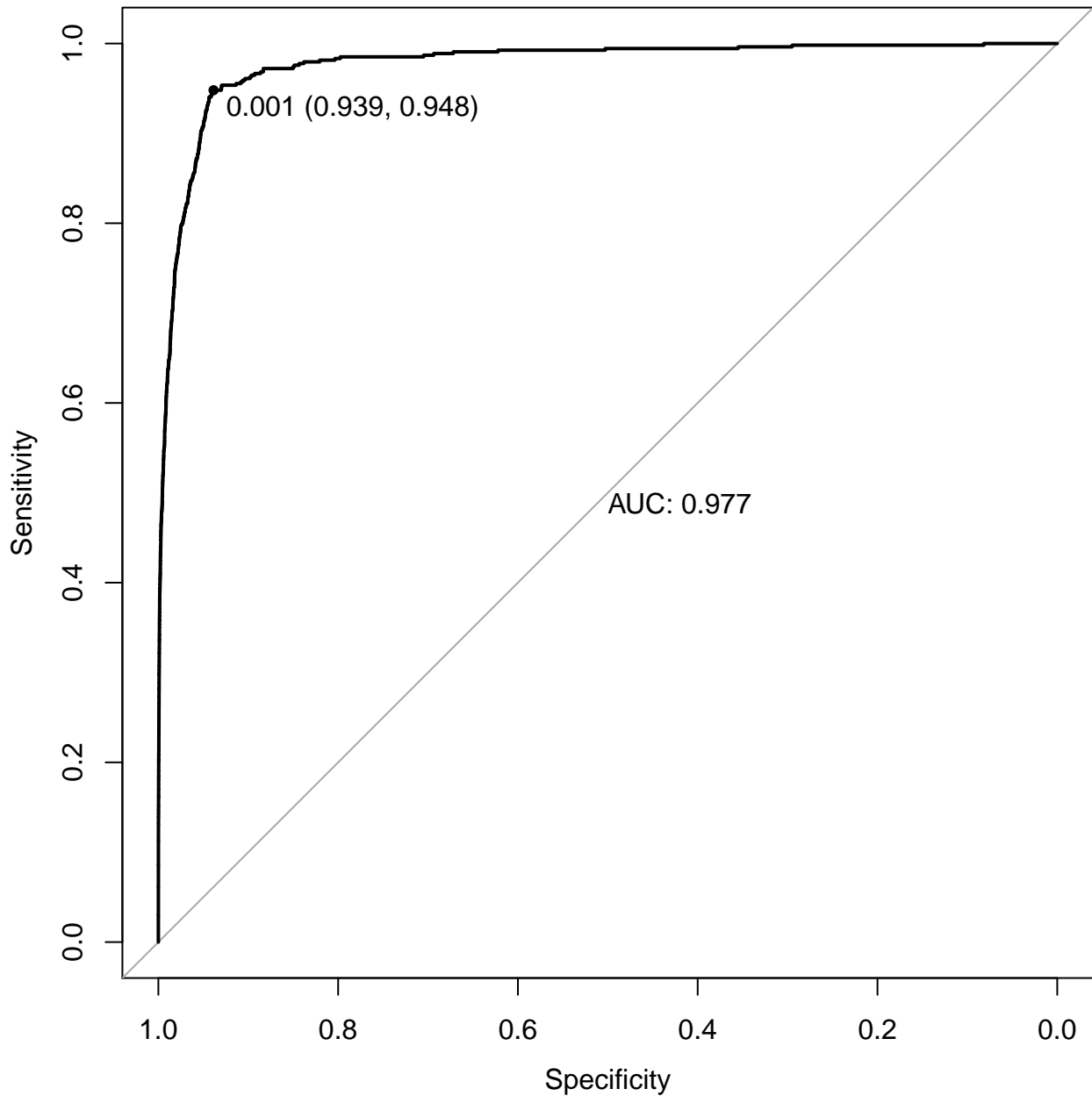
Detection Rate : 0.0007762

Detection Prevalence : 0.0022440

Balanced Accuracy : 0.6697351

'Positive' Class : TRUE

ROC curve




```
$days_in_game
```

```
[1] 4
```

```
[[2]]
```

```
Area under the curve: 0.9772
```

```
$cutOff
```

```
[1] 0.06784037
```

Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	307033	357
TRUE	357	182

Accuracy : 0.9977

95% CI : (0.9975, 0.9978)

No Information Rate : 0.9982

P-Value [Acc > NIR] : 1

Kappa : 0.3365

McNemar's Test P-Value : 1

Sensitivity : 0.337662

Specificity : 0.998839

Pos Pred Value : 0.337662

Neg Pred Value : 0.998839

Prevalence : 0.001750

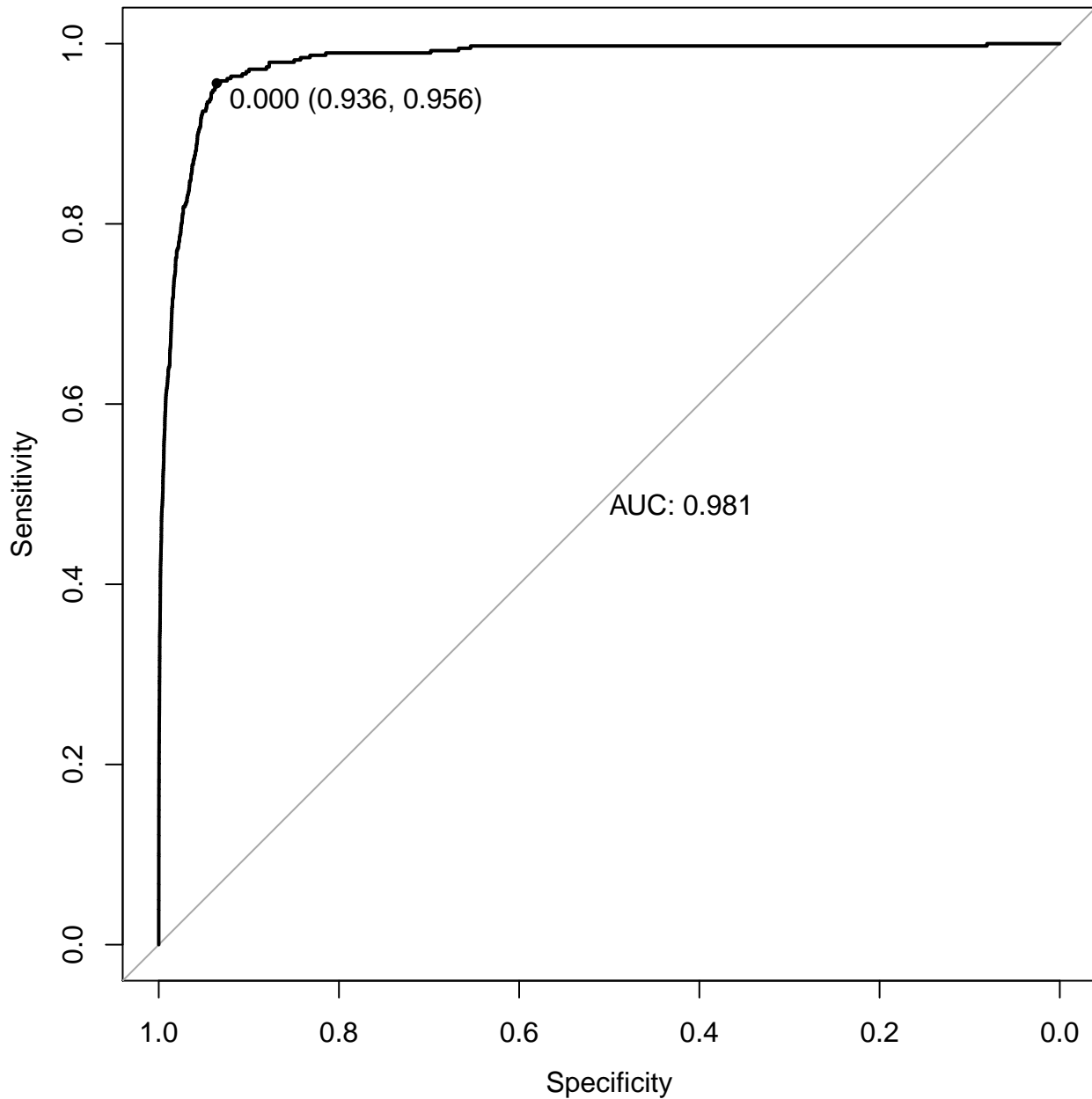
Detection Rate : 0.000591

Detection Prevalence : 0.001750

Balanced Accuracy : 0.668250

'Positive' Class : TRUE

ROC curve



```
$days_in_game
```

```
[1] 5
```

```
[[2]]
```

```
Area under the curve: 0.9805
```

```
$cutOff
```

```
[1] 0.1263086
```

Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	307276	274
TRUE	266	113

Accuracy : 0.9982

95% CI : (0.9981, 0.9984)

No Information Rate : 0.9987

P-Value [Acc > NIR] : 1.0000

Kappa : 0.2942

McNemar's Test P-Value : 0.7632

Sensitivity : 0.291990

Specificity : 0.999135

Pos Pred Value : 0.298153

Neg Pred Value : 0.999109

Prevalence : 0.001257

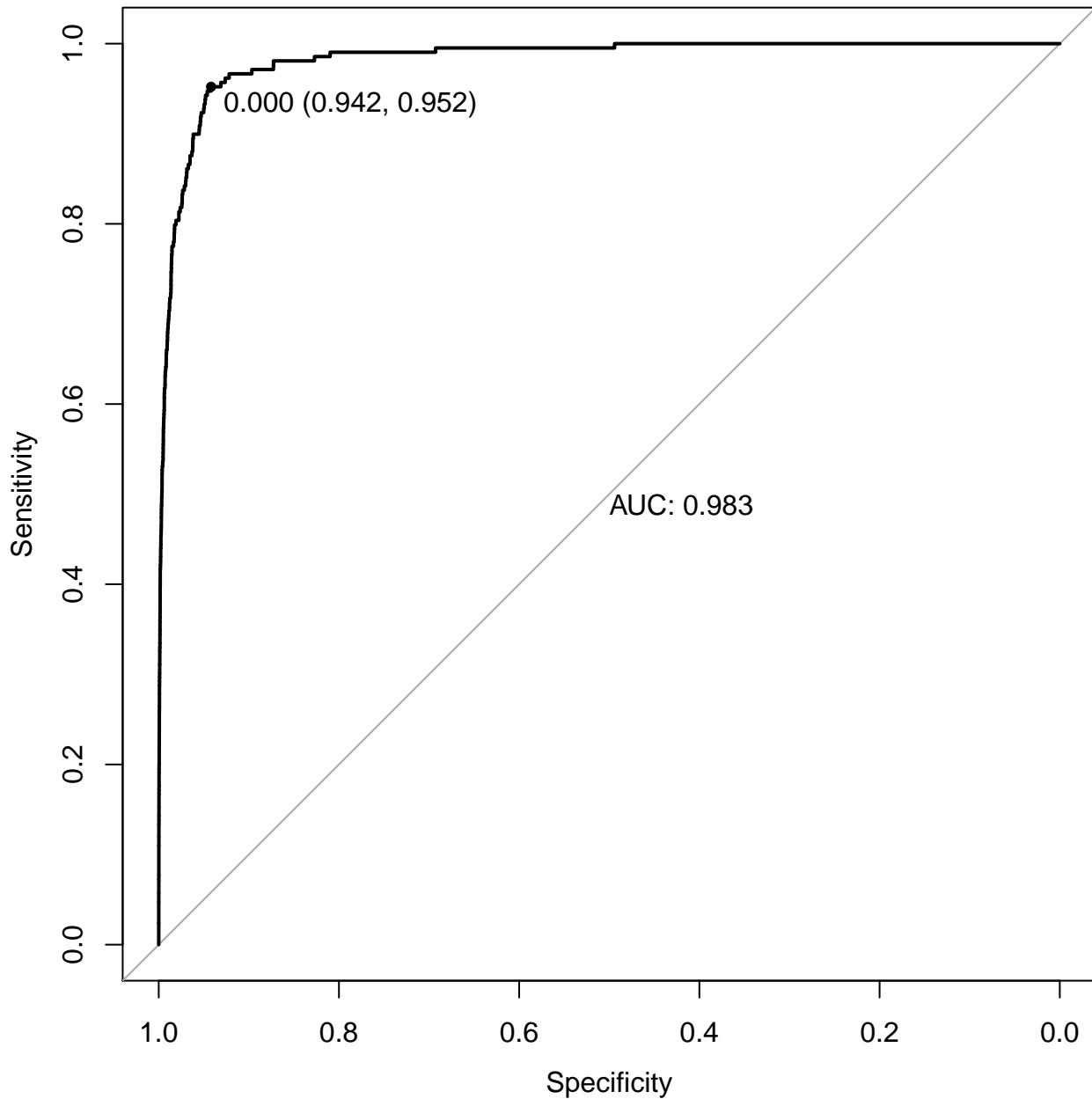
Detection Rate : 0.000367

Detection Prevalence : 0.001231

Balanced Accuracy : 0.645562

'Positive' Class : TRUE

ROC curve



```
$days_in_game
```

```
[1] 6
```

```
[[2]]
```

```
Area under the curve: 0.9827
```

```
$cutOff
```

```
[1] 0.3820332
```

Confusion Matrix and Statistics

	Reference	
Prediction	FALSE	TRUE
FALSE	307582	167
TRUE	138	42

Accuracy : 0.999

95% CI : (0.9989, 0.9991)

No Information Rate : 0.9993

P-Value [Acc > NIR] : 1.0000

Kappa : 0.2154

McNemar's Test P-Value : 0.1089

Sensitivity : 0.2009569

Specificity : 0.9995515

Pos Pred Value : 0.2333333

Neg Pred Value : 0.9994573

Prevalence : 0.0006787

Detection Rate : 0.0001364

Detection Prevalence : 0.0005846

Balanced Accuracy : 0.6002542

'Positive' Class : TRUE


```
$days_in_game
```

```
[1] 7
```

```
[[2]]
```

```
NULL
```

```
$cutOff
```

```
NULL
```

NULL