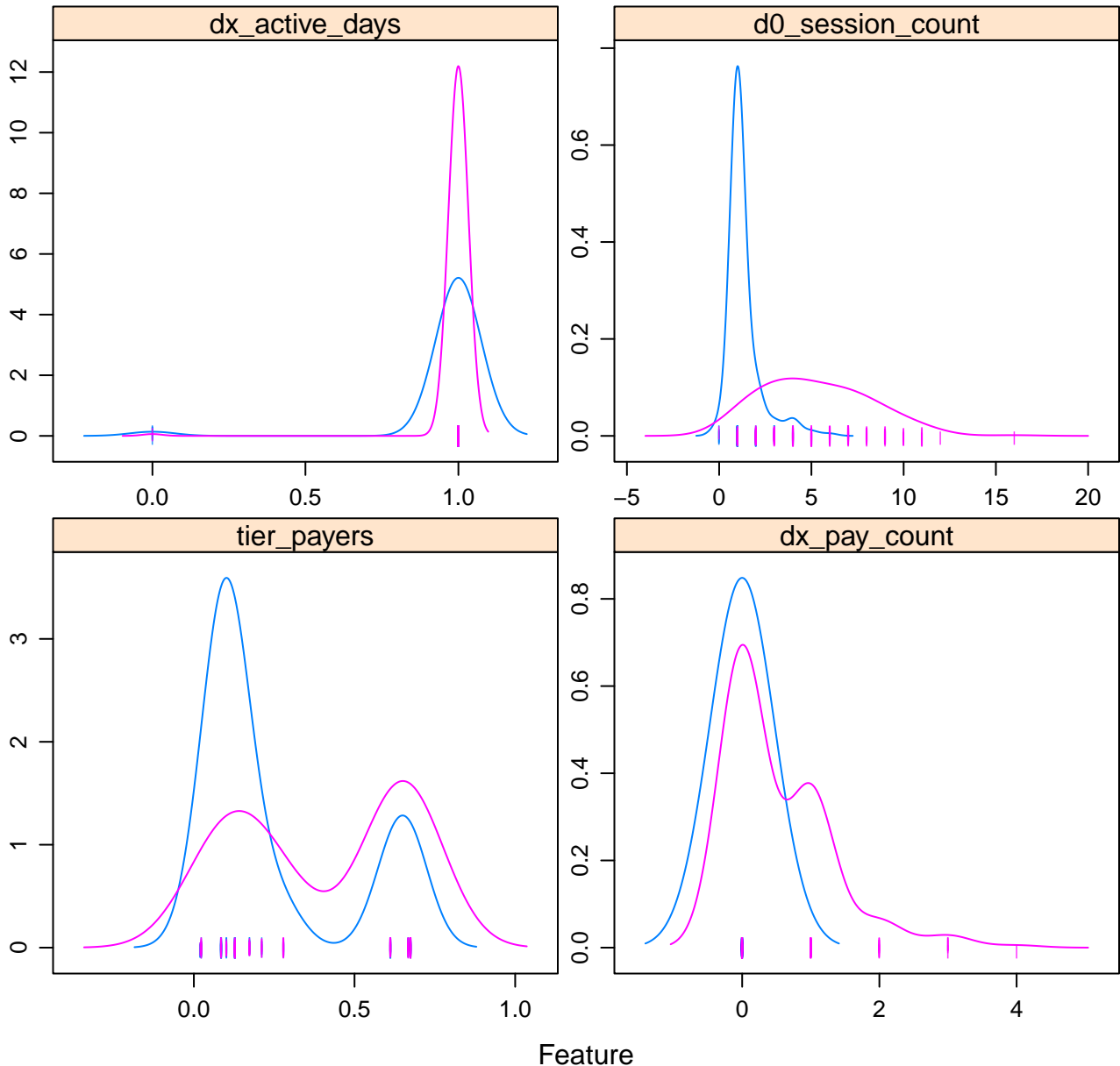


Features, days in game = 0

FALSE



TRUE



```
Call:
glm(formula = dy_payer ~ tier_payers + dx_pay_count + d0_session_count,
     family = "binomial", data = datTrain)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-4.3922	-0.1092	-0.0674	-0.0646	3.6269

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-6.745851	0.057149	-118.04	<2e-16 ***
tier_payers	1.994292	0.100251	19.89	<2e-16 ***
dx_pay_count	1.704146	0.048175	35.37	<2e-16 ***
d0_session_count	0.405221	0.007282	55.64	<2e-16 ***

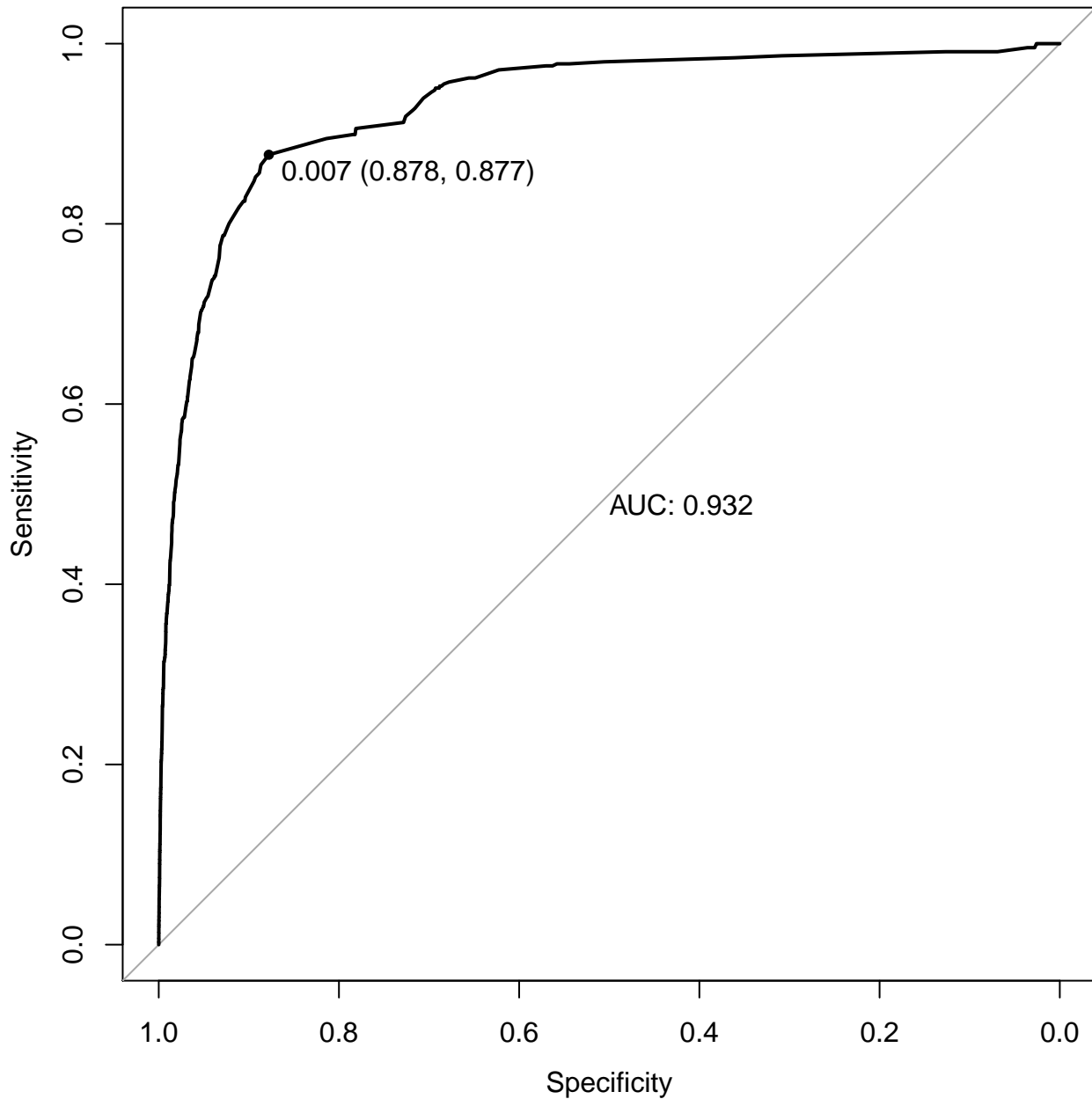
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 20526 on 205491 degrees of freedom
Residual deviance: 14472 on 205488 degrees of freedom
AIC: 14480

Number of Fisher Scoring iterations: 8

ROC curve, days in game = 0

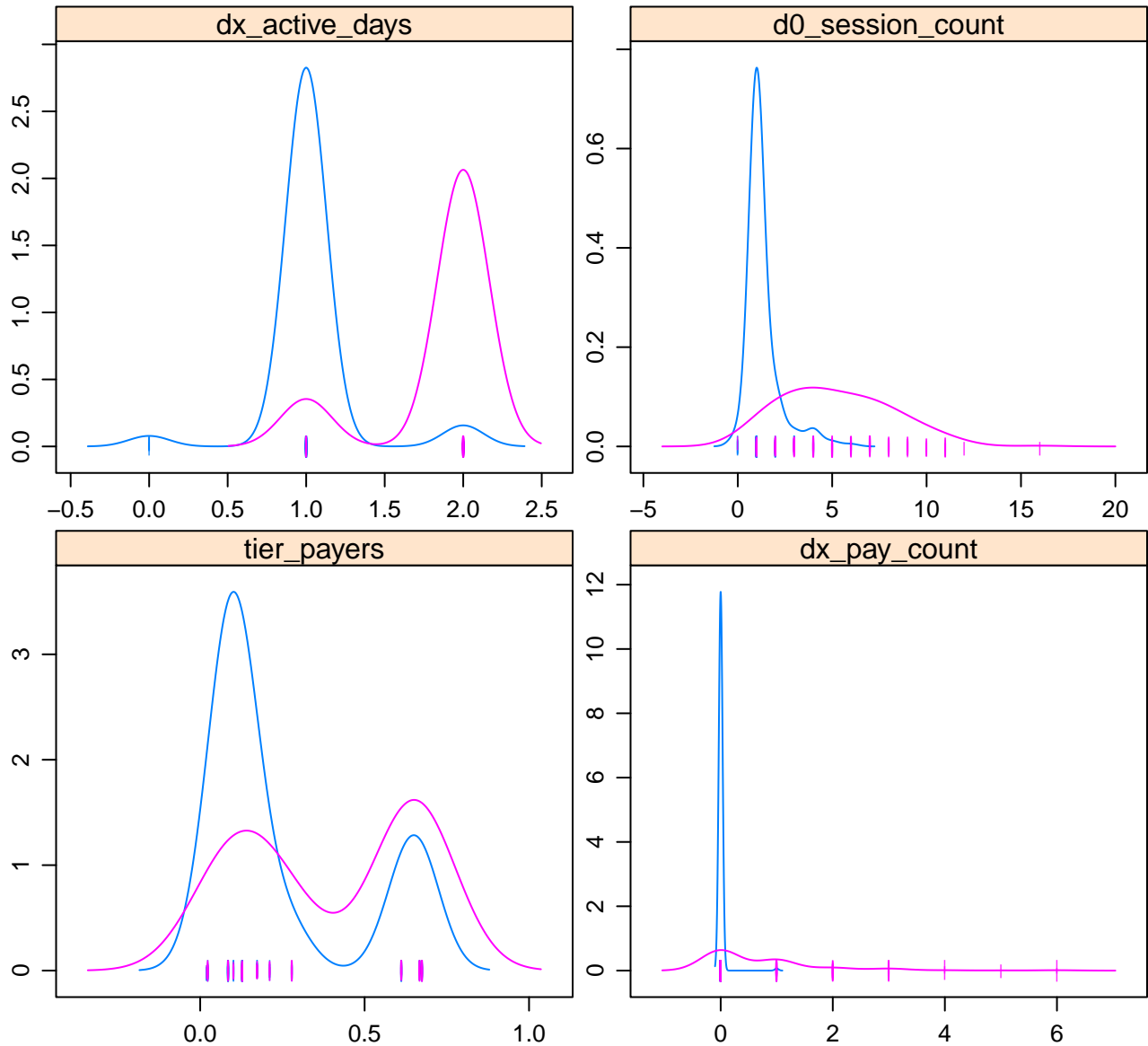


Features, days in game = 1

FALSE



TRUE



Feature

```
Call:
glm(formula = dy_payer ~ ., family = "binomial", data = datTrain)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-3.9377	-0.0622	-0.0413	-0.0398	4.5387

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-10.443981	0.147140	-70.98	<2e-16 ***
tier_payers	1.692076	0.101072	16.74	<2e-16 ***
dx_pay_count	1.228874	0.038926	31.57	<2e-16 ***
dx_active_days	2.992971	0.085171	35.14	<2e-16 ***
d0_session_count	0.167922	0.009266	18.12	<2e-16 ***

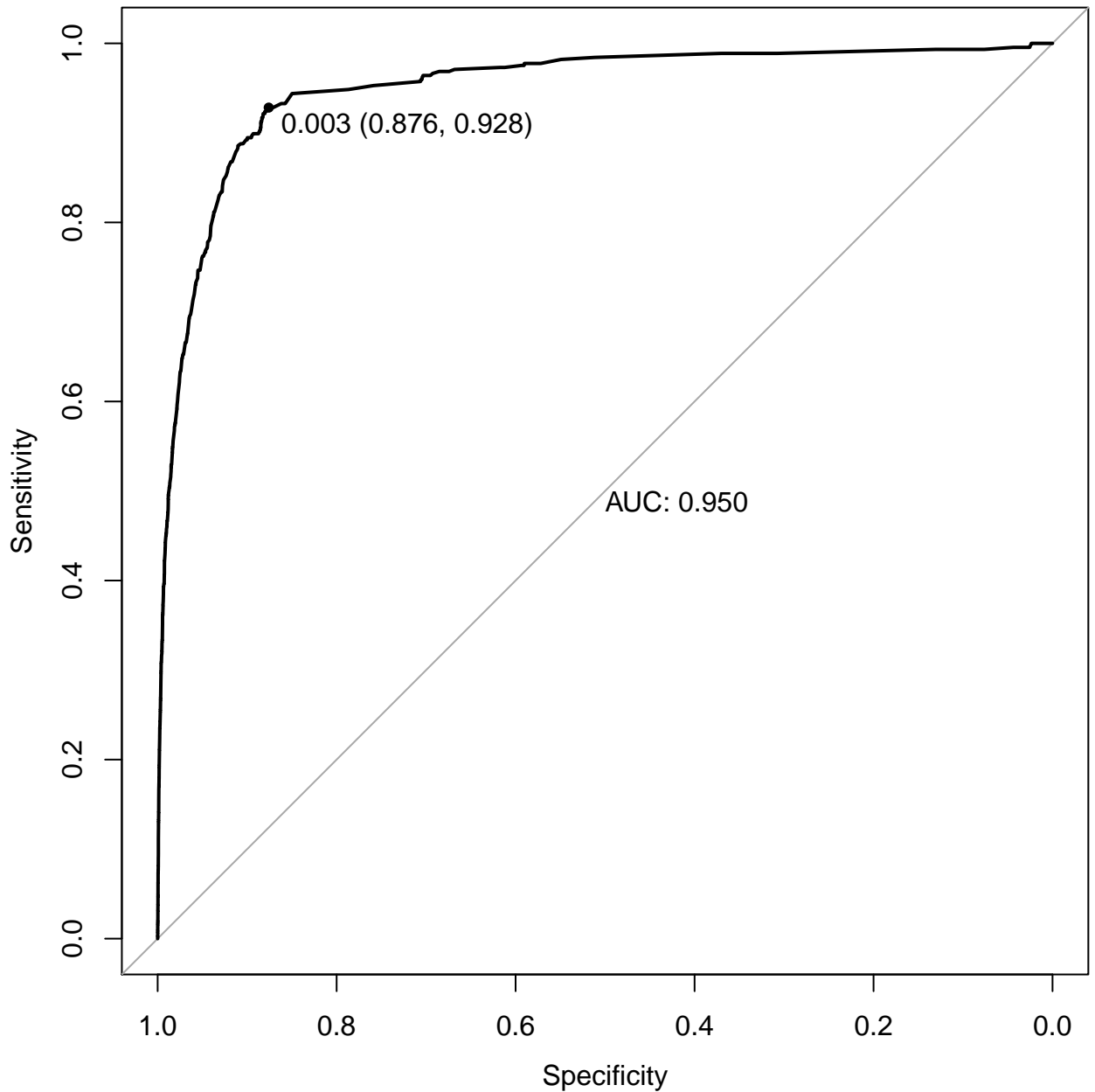
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 20526 on 205491 degrees of freedom
Residual deviance: 12689 on 205487 degrees of freedom
AIC: 12699

Number of Fisher Scoring iterations: 9

ROC curve, days in game = 1

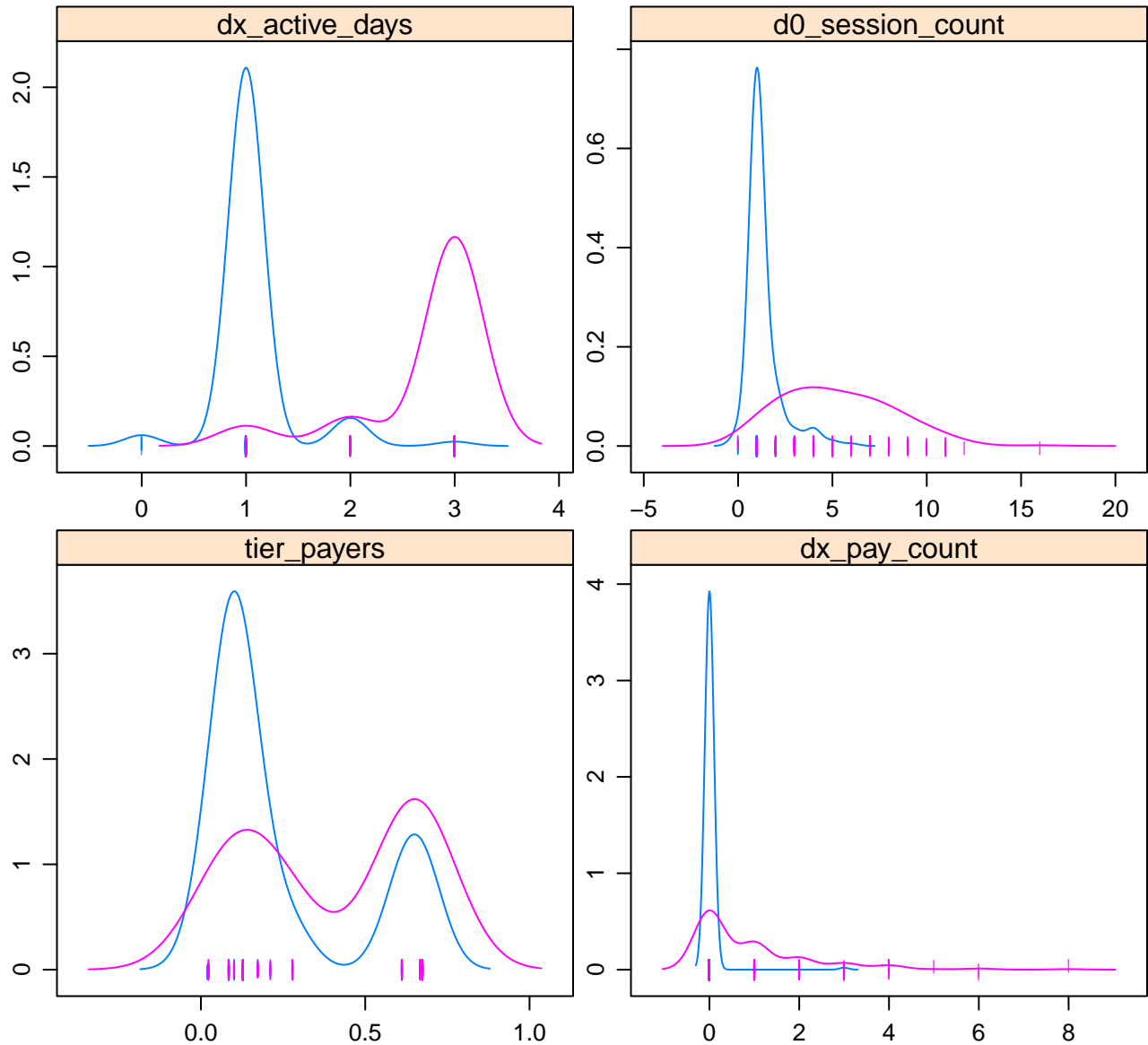


Features, days in game = 2

FALSE



TRUE



Feature

```
Call:
glm(formula = dy_payer ~ ., family = "binomial", data = datTrain)
```

```
Deviance Residuals:
```

Min	1Q	Median	3Q	Max
-3.5977	-0.0521	-0.0355	-0.0343	4.3765

```
Coefficients:
```

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-9.71276	0.12209	-79.551	< 2e-16 ***
tier_payers	1.59309	0.10383	15.343	< 2e-16 ***
dx_pay_count	1.05477	0.03268	32.276	< 2e-16 ***
dx_active_days	2.06519	0.04823	42.821	< 2e-16 ***
d0_session_count	0.07175	0.01017	7.057	1.71e-12 ***

```
---
```

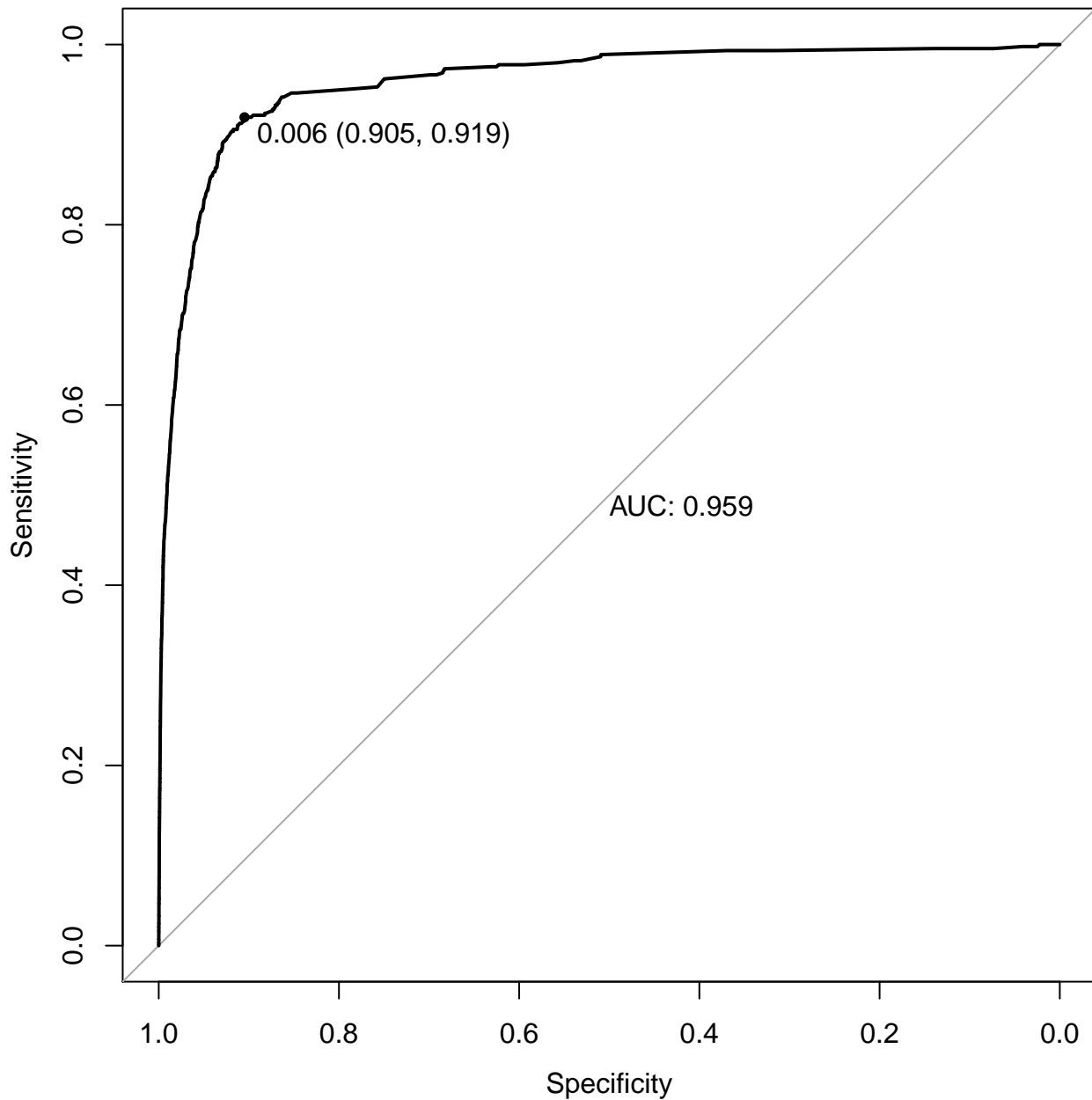
```
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
(Dispersion parameter for binomial family taken to be 1)
```

```
Null deviance: 20526  on 205491  degrees of freedom
Residual deviance: 11517  on 205487  degrees of freedom
AIC: 11527
```

```
Number of Fisher Scoring iterations: 9
```


ROC curve, days in game = 2

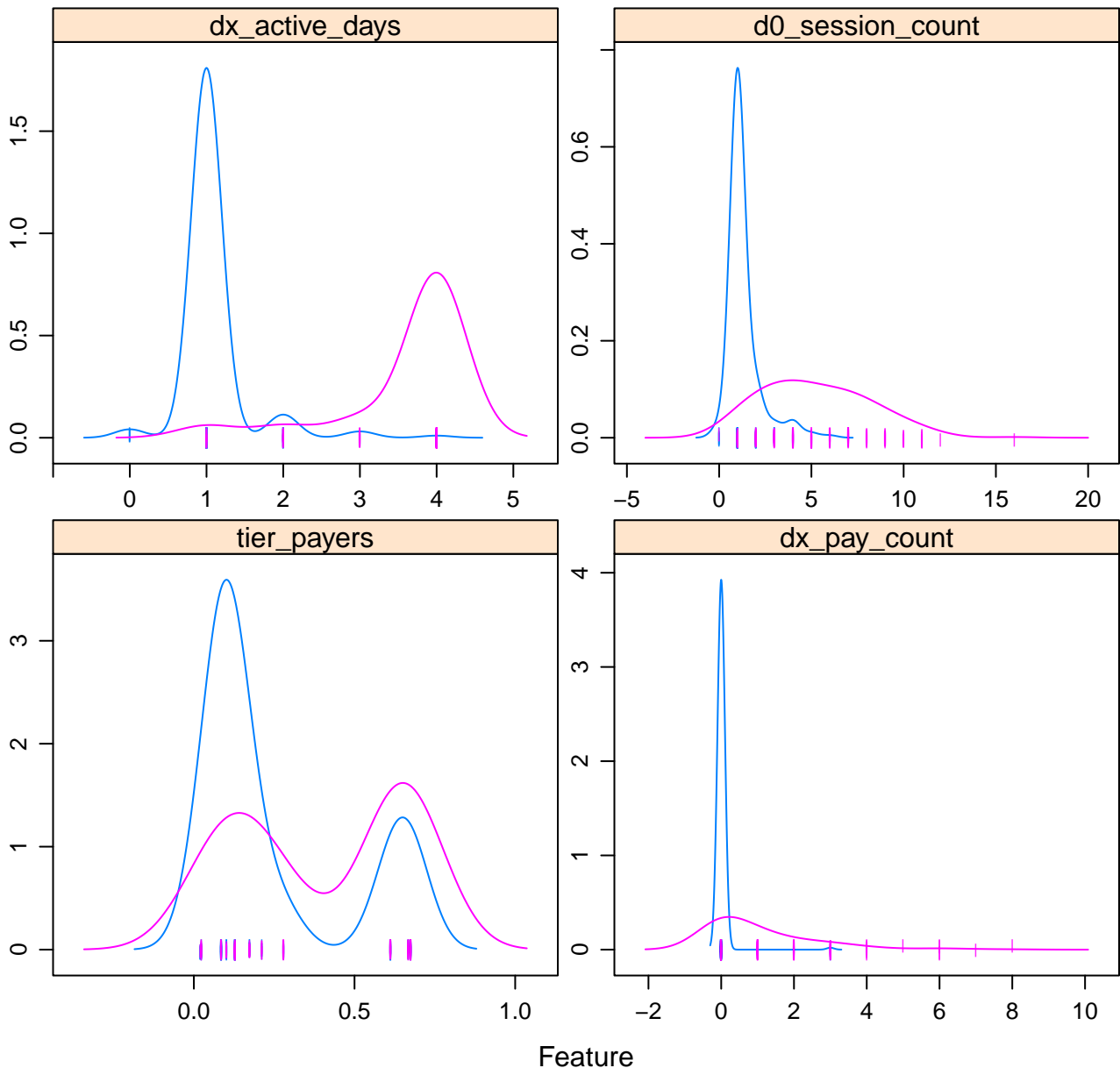


Features, days in game = 3

FALSE



TRUE



```
Call:
glm(formula = dy_payer ~ ., family = "binomial", data = datTrain)
```

```
Deviance Residuals:
```

Min	1Q	Median	3Q	Max
-3.7326	-0.0501	-0.0336	-0.0325	4.2730

```
Coefficients:
```

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-9.26434	0.11233	-82.472	< 2e-16 ***
tier_payers	1.58586	0.10601	14.960	< 2e-16 ***
dx_pay_count	0.97846	0.03058	31.994	< 2e-16 ***
dx_active_days	1.55401	0.03351	46.369	< 2e-16 ***
d0_session_count	0.02955	0.01058	2.792	0.00524 **

```
---
```

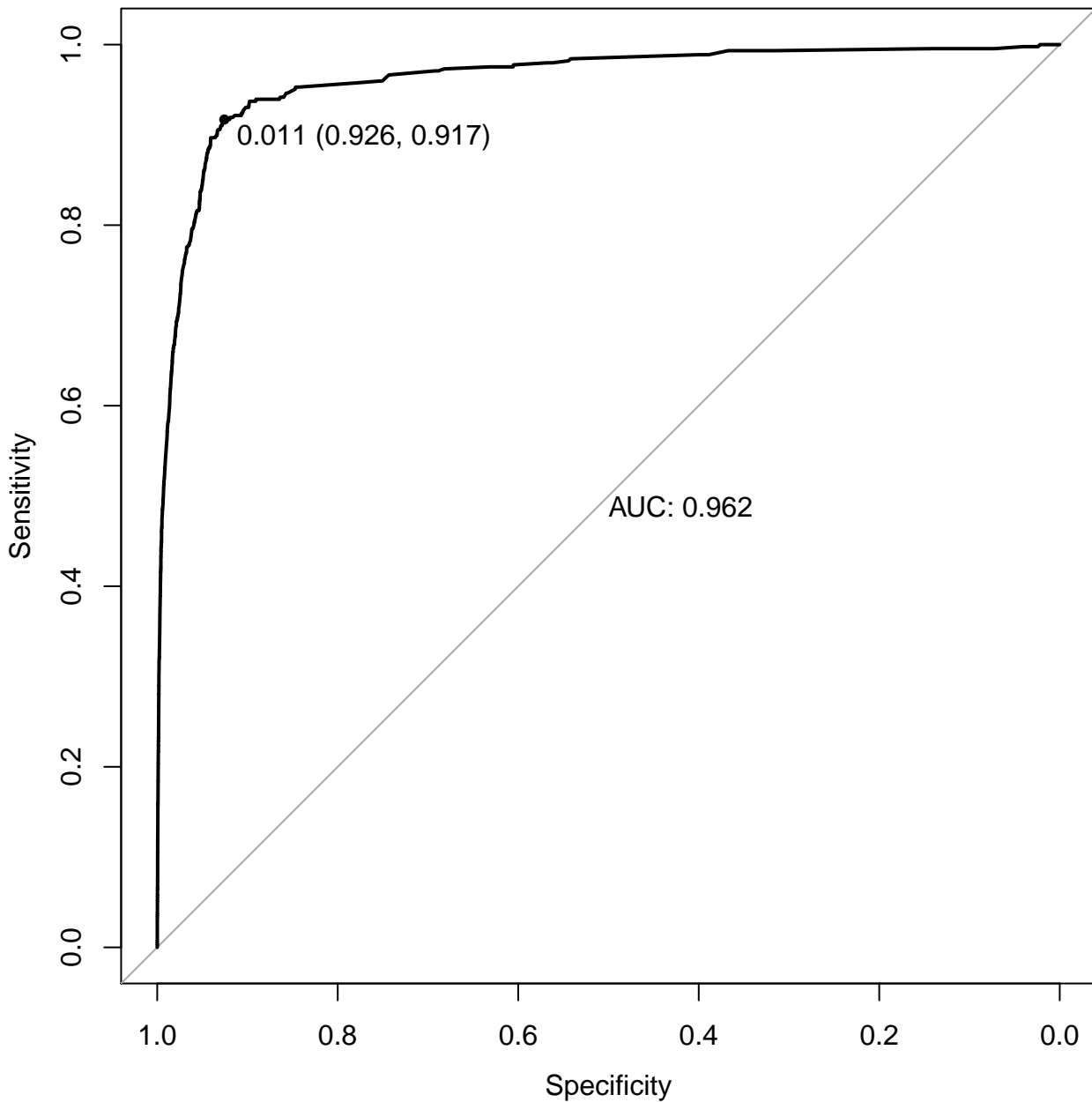
```
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
(Dispersion parameter for binomial family taken to be 1)
```

```
Null deviance: 20526  on 205491  degrees of freedom
Residual deviance: 10857  on 205487  degrees of freedom
AIC: 10867
```

```
Number of Fisher Scoring iterations: 9
```

ROC curve, days in game = 3

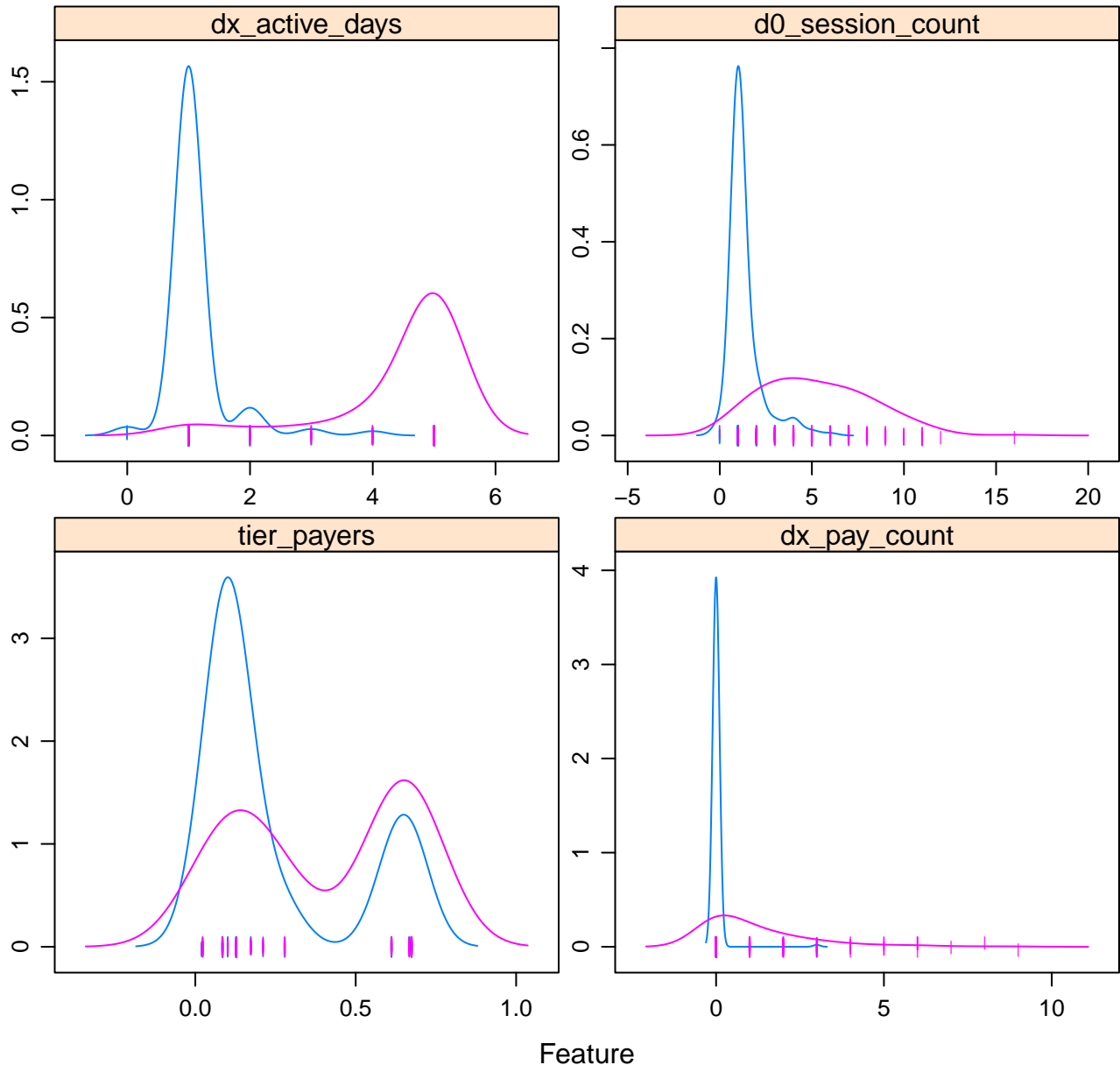


Features, days in game = 4

FALSE



TRUE



```
Call:
glm(formula = dy_payer ~ ., family = "binomial", data = datTrain)
```

```
Deviance Residuals:
```

Min	1Q	Median	3Q	Max
-3.6205	-0.0479	-0.0326	-0.0315	4.2115

```
Coefficients:
```

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-9.00231	0.10799	-83.361	<2e-16 ***
tier_payers	1.57134	0.10797	14.554	<2e-16 ***
dx_pay_count	0.92006	0.02918	31.526	<2e-16 ***
dx_active_days	1.25756	0.02579	48.761	<2e-16 ***
d0_session_count	0.00310	0.01081	0.287	0.774

```
---
```

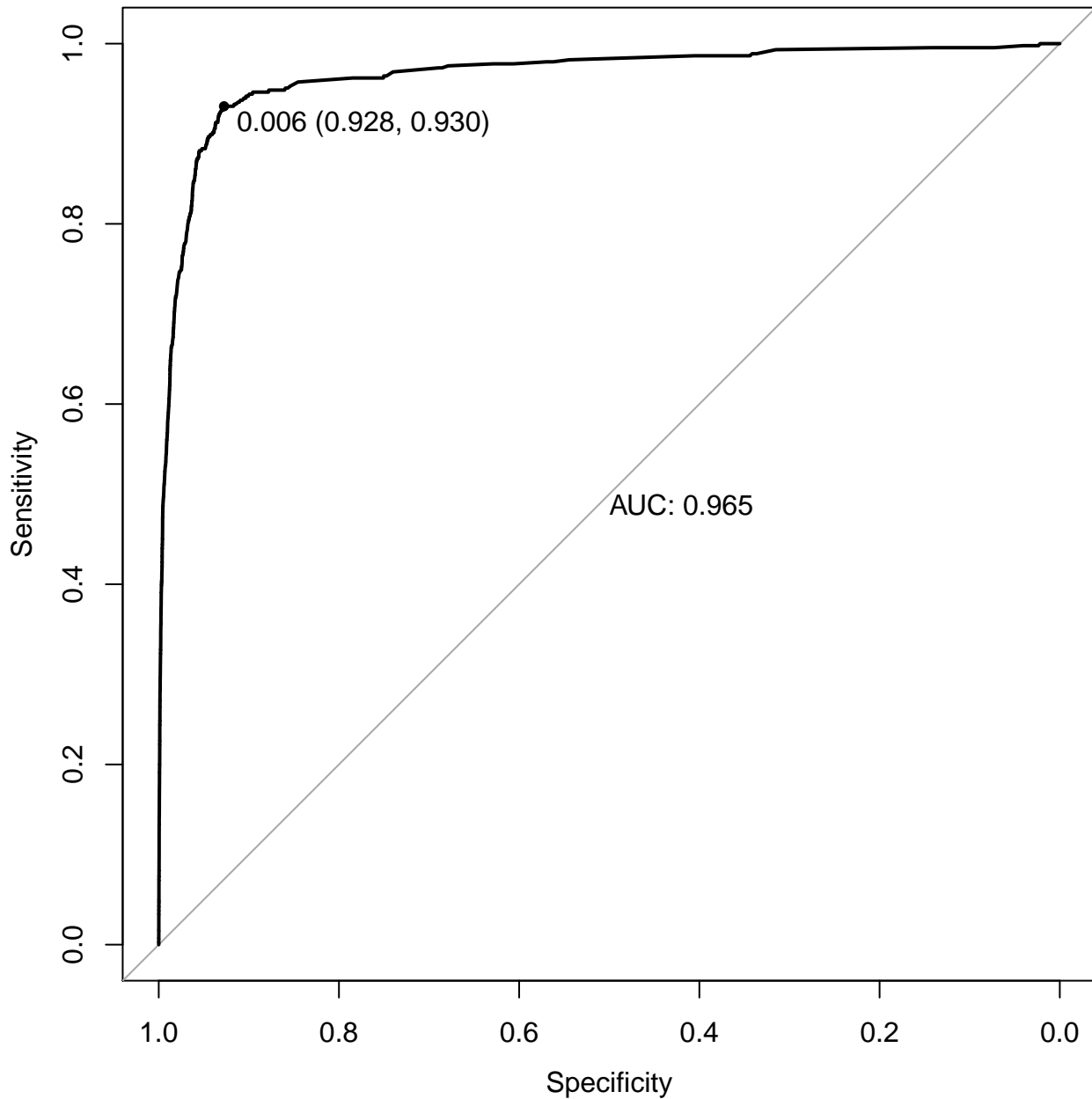
```
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
(Dispersion parameter for binomial family taken to be 1)
```

```
Null deviance: 20526  on 205491  degrees of freedom
Residual deviance: 10354  on 205487  degrees of freedom
AIC: 10364
```

```
Number of Fisher Scoring iterations: 9
```

ROC curve, days in game = 4

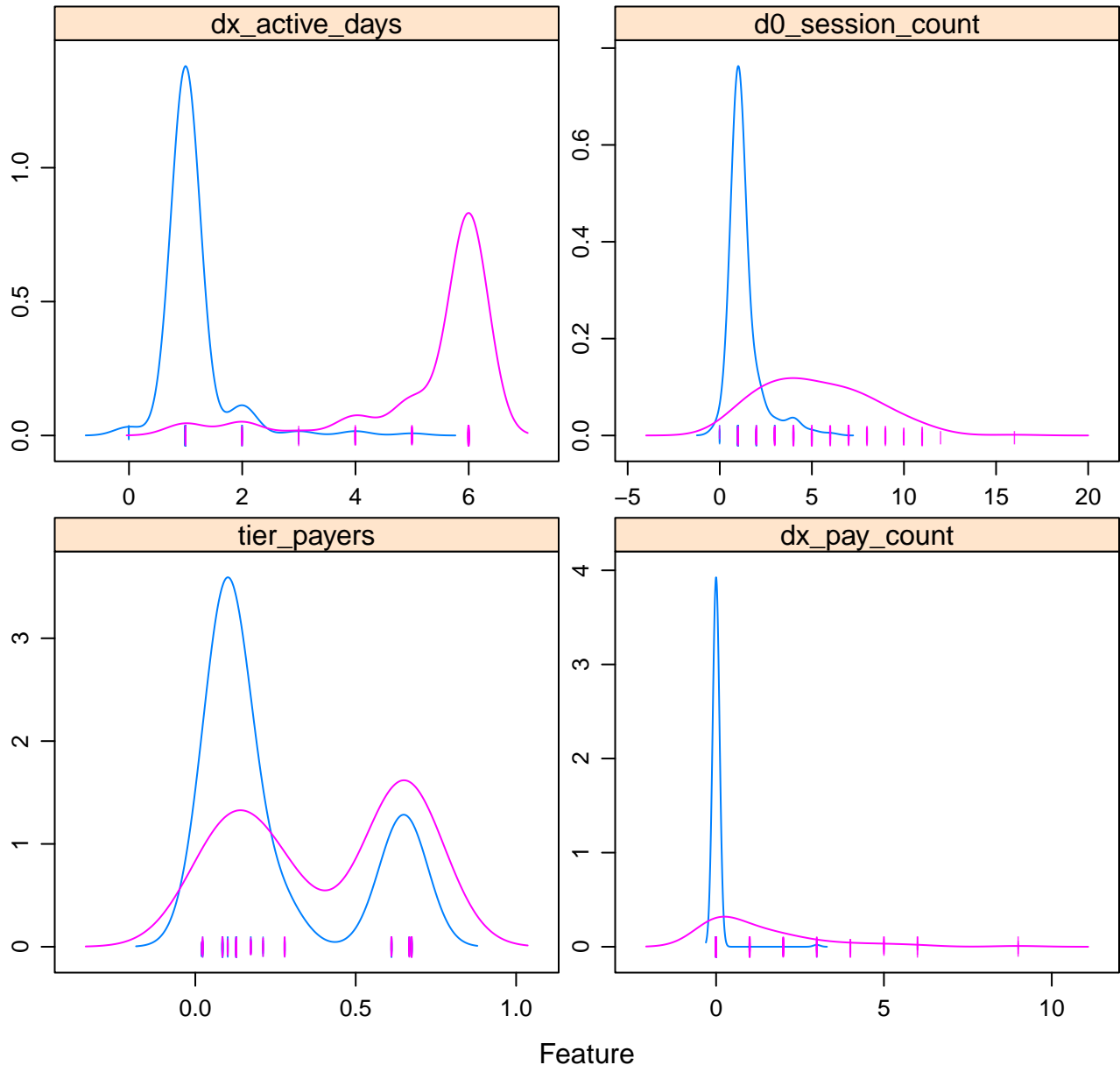


Features, days in game = 5

FALSE



TRUE




```
Call:
glm(formula = dy_payer ~ ., family = "binomial", data = datTrain)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-3.2718	-0.0481	-0.0319	-0.0308	4.1702

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-8.83080	0.10569	-83.554	<2e-16 ***
tier_payers	1.59252	0.10994	14.485	<2e-16 ***
dx_pay_count	0.89329	0.02847	31.379	<2e-16 ***
dx_active_days	1.05838	0.02103	50.331	<2e-16 ***
d0_session_count	-0.01601	0.01101	-1.453	0.146

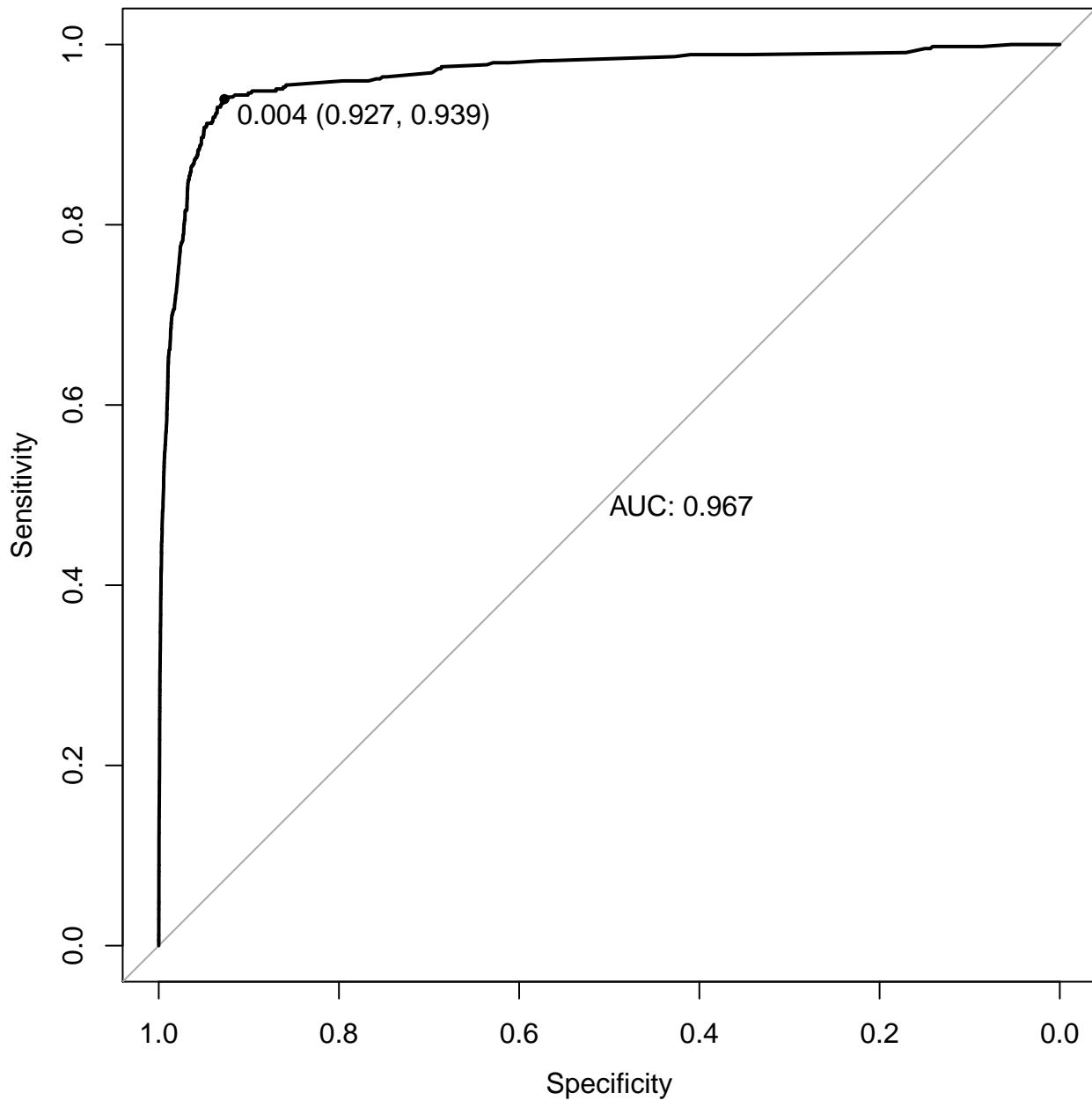
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 20526.0 on 205491 degrees of freedom
Residual deviance: 9919.4 on 205487 degrees of freedom
AIC: 9929.4

Number of Fisher Scoring iterations: 9

ROC curve, days in game = 5

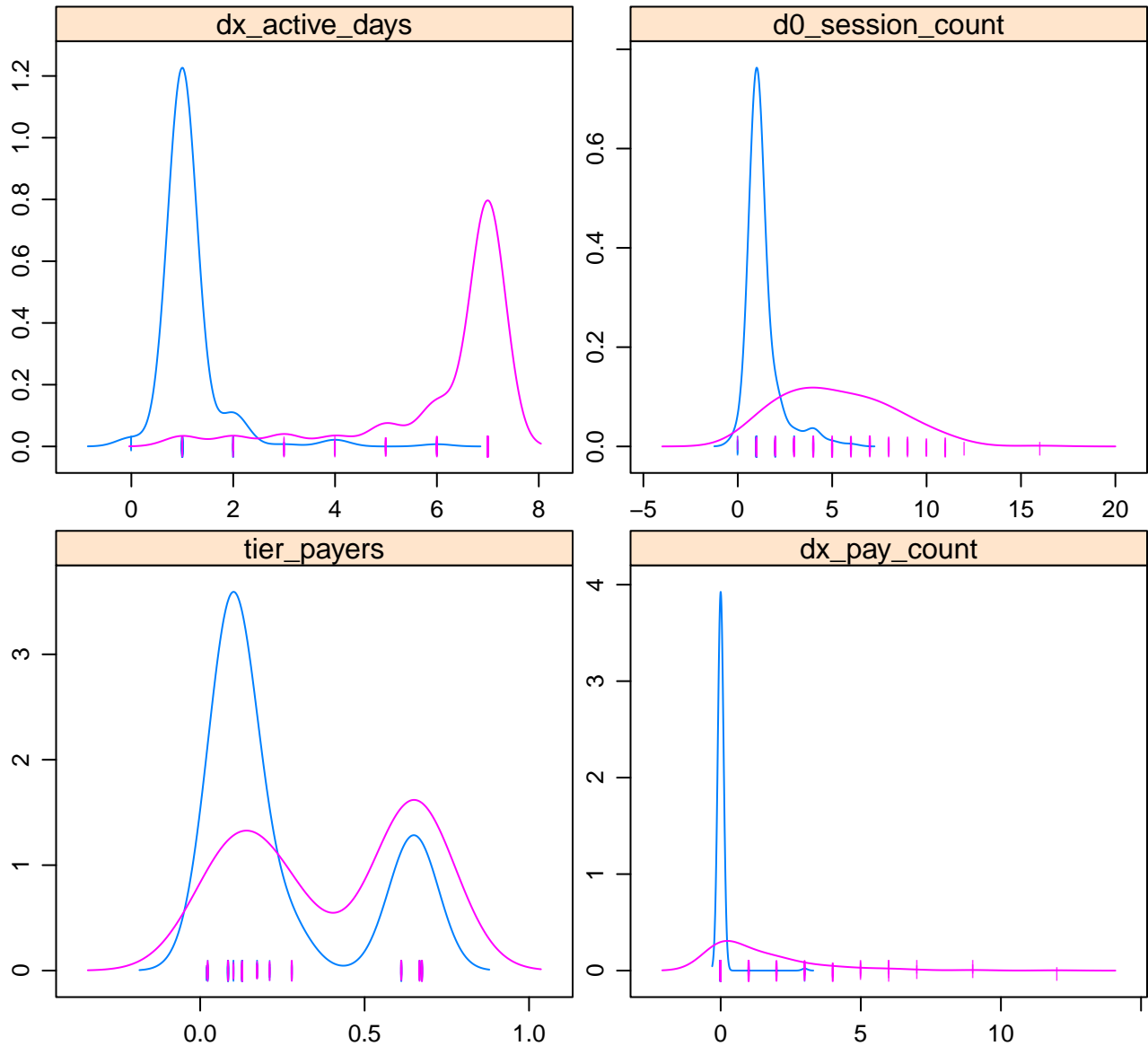


Features, days in game = 6

FALSE



TRUE



Feature

```
Call:
glm(formula = dy_payer ~ ., family = "binomial", data = datTrain)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-3.1335	-0.0466	-0.0317	-0.0306	4.1351

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-8.68593	0.10374	-83.727	<2e-16 ***
tier_payers	1.60142	0.11179	14.326	<2e-16 ***
dx_pay_count	0.87350	0.02801	31.188	<2e-16 ***
dx_active_days	0.91130	0.01776	51.310	<2e-16 ***
d0_session_count	-0.02861	0.01123	-2.549	0.0108 *

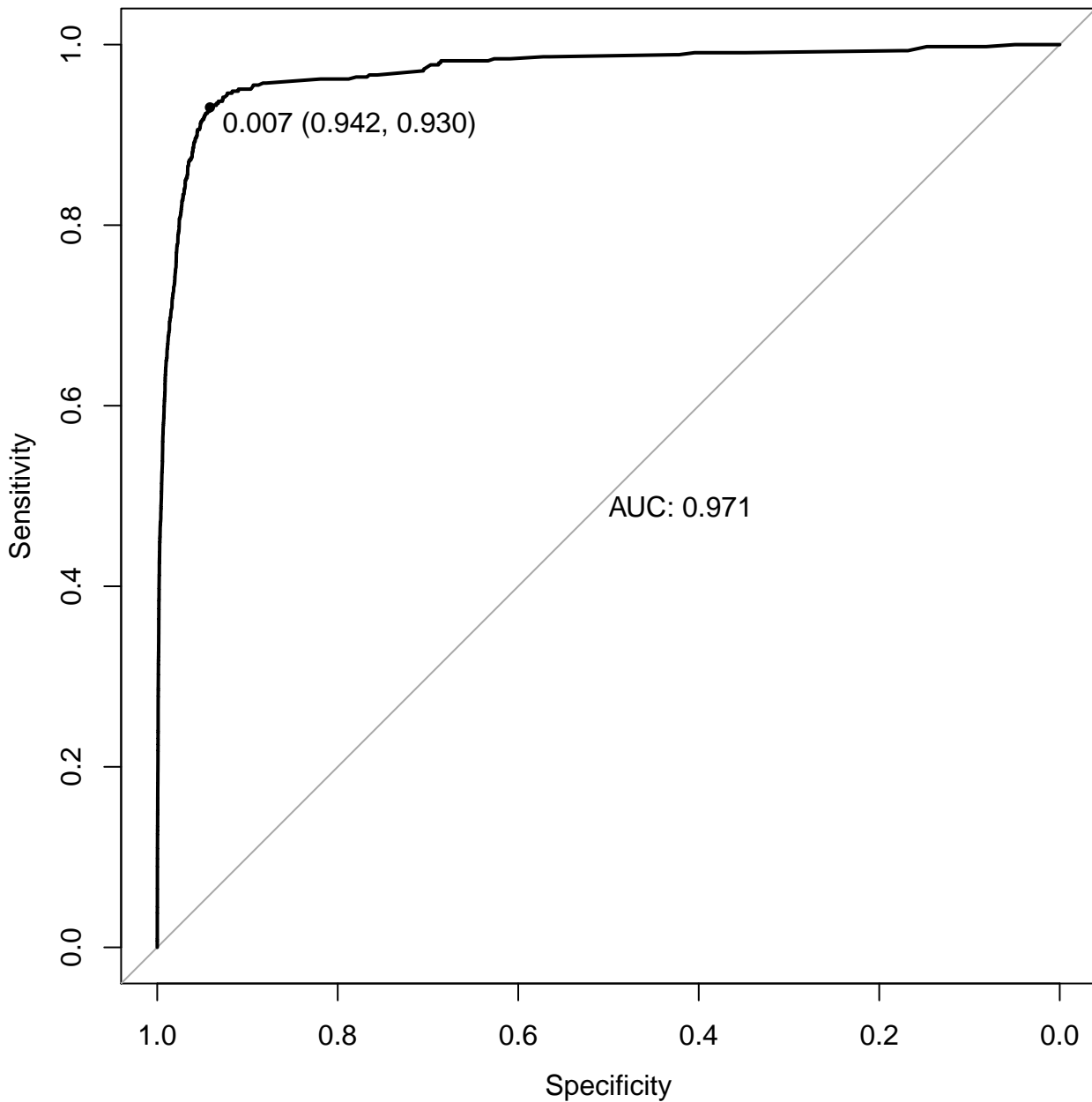
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 20526.0 on 205491 degrees of freedom
Residual deviance: 9598.3 on 205487 degrees of freedom
AIC: 9608.3

Number of Fisher Scoring iterations: 9

ROC curve, days in game = 6

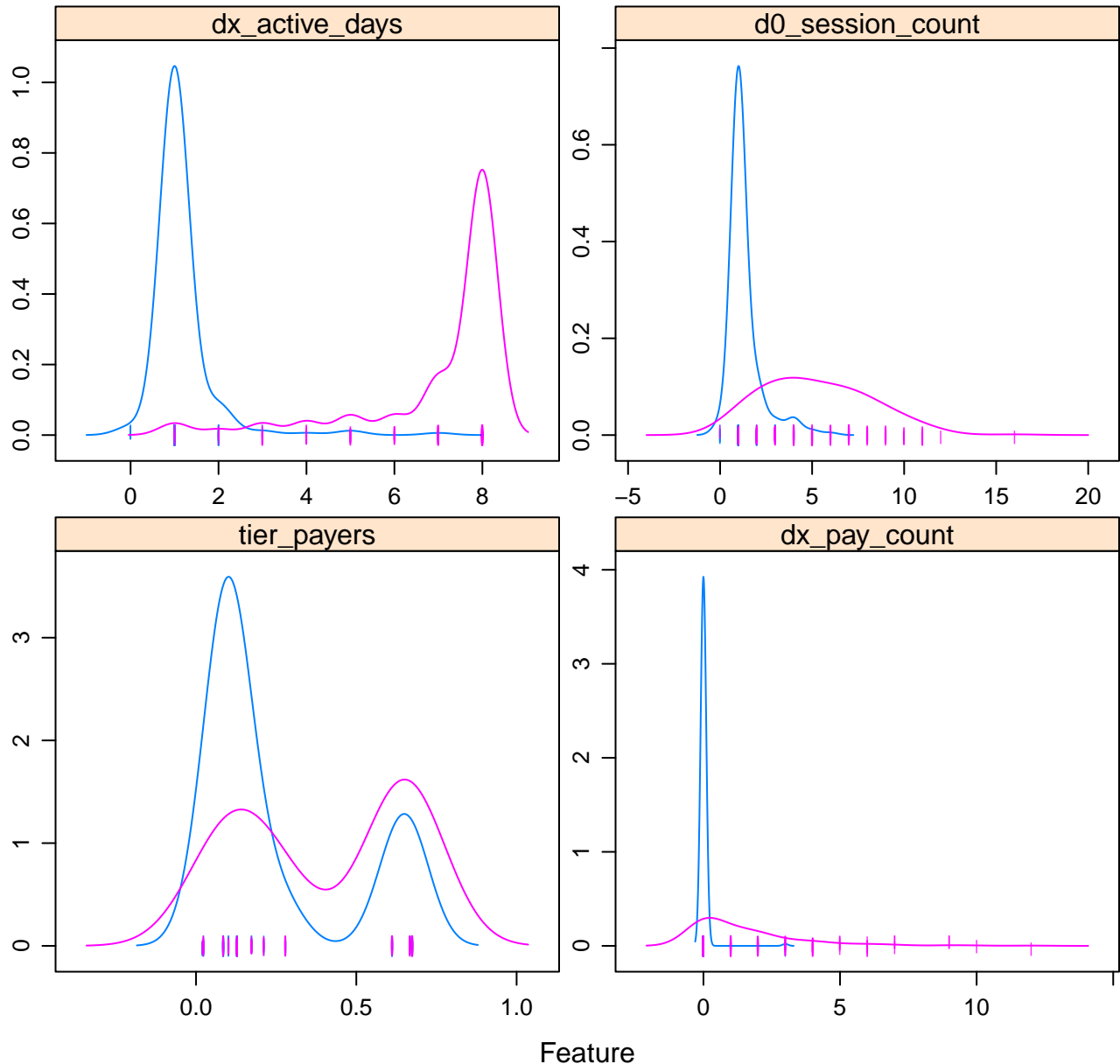


Features, days in game = 7

FALSE



TRUE



```
Call:
glm(formula = dy_payer ~ ., family = "binomial", data = datTrain)
```

Deviance Residuals:

Min	1Q	Median	3Q	Max
-3.1841	-0.0460	-0.0314	-0.0304	4.1090

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-8.57613	0.10272	-83.493	< 2e-16 ***
tier_payers	1.57695	0.11376	13.862	< 2e-16 ***
dx_pay_count	0.87990	0.02758	31.899	< 2e-16 ***
dx_active_days	0.80072	0.01540	52.005	< 2e-16 ***
d0_session_count	-0.03980	0.01141	-3.488	0.000487 ***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 20526.0 on 205491 degrees of freedom
Residual deviance: 9274.6 on 205487 degrees of freedom
AIC: 9284.6

Number of Fisher Scoring iterations: 9

ROC curve, days in game = 7

