The CONTENTS Procedure

Data Set Name	WORK.PHARMACY	**Observations**	1000
Member Type	DATA	**Variables**	8
Engine	V9	**Indexes**	0
Created	11/11/2025 14:35:01	**Observation Length**	72
Last Modified	11/11/2025 14:35:01	**Deleted Observations**	0
Protection		**Compressed**	NO
Data Set Type		**Sorted**	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	1816
Obs in First Data Page	1000
Number of Data Set Repairs	0
Filename	/saswork/SAS_work595B00000A67_odaws02-euw1.oda.sas.com/SAS_work0A0B00000A67_odaws02-euw1.oda.sas.com/pharmacy.sas7bdat
Release Created	9.0401M8
Host Created	Linux
Inode Number	1074846167
Access Permission	rw-r--r--
Owner Name	u64333484
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat
8	Adherence_Status	Num	8	BEST12.	BEST32.
2	Age	Num	8	BEST12.	BEST32.
5	Days_Supply	Num	8	BEST12.	BEST32.
3	Gender	Char	6	$6.	$6.
7	MPR	Num	8	BEST12.	BEST32.
4	Medication_Name	Char	12	$12.	$12.
1	Patient_ID	Num	8	BEST12.	BEST32.
6	Refill_Interval	Num	8	BEST12.	BEST32.

Obs	Patient_ID	Age	Gender	Medication_Name	Days_Supply	Refill_Interval	MPR	Adherence_Status
1	1	56	Male	Omeprazole	11	40.6	0.83	1
2	2	69	Male	Amlodipine	26	24.2	0.71	0
3	3	46	Female	Atorvastatin	27	36.4	0.87	1
4	4	32	Male	Metformin	14	31.9	0.86	1
5	5	60	Male	Atorvastatin	20	30.8	1	1
6	6	25	Female	Omeprazole	10	30	0.89	1
7	7	78	Male	Metformin	17	23.1	0.79	0
8	8	38	Male	Losartan	26	34.8	0.91	1
9	9	56	Male	Atorvastatin	21	26.1	0.7	0

Obs	Patient_ID	Age	Gender	Medication_Name	Days_Supply	Refill_Interval	MPR	Adherence_Status
10	10	75	Male	Metformin	25	24.6	0.84	1

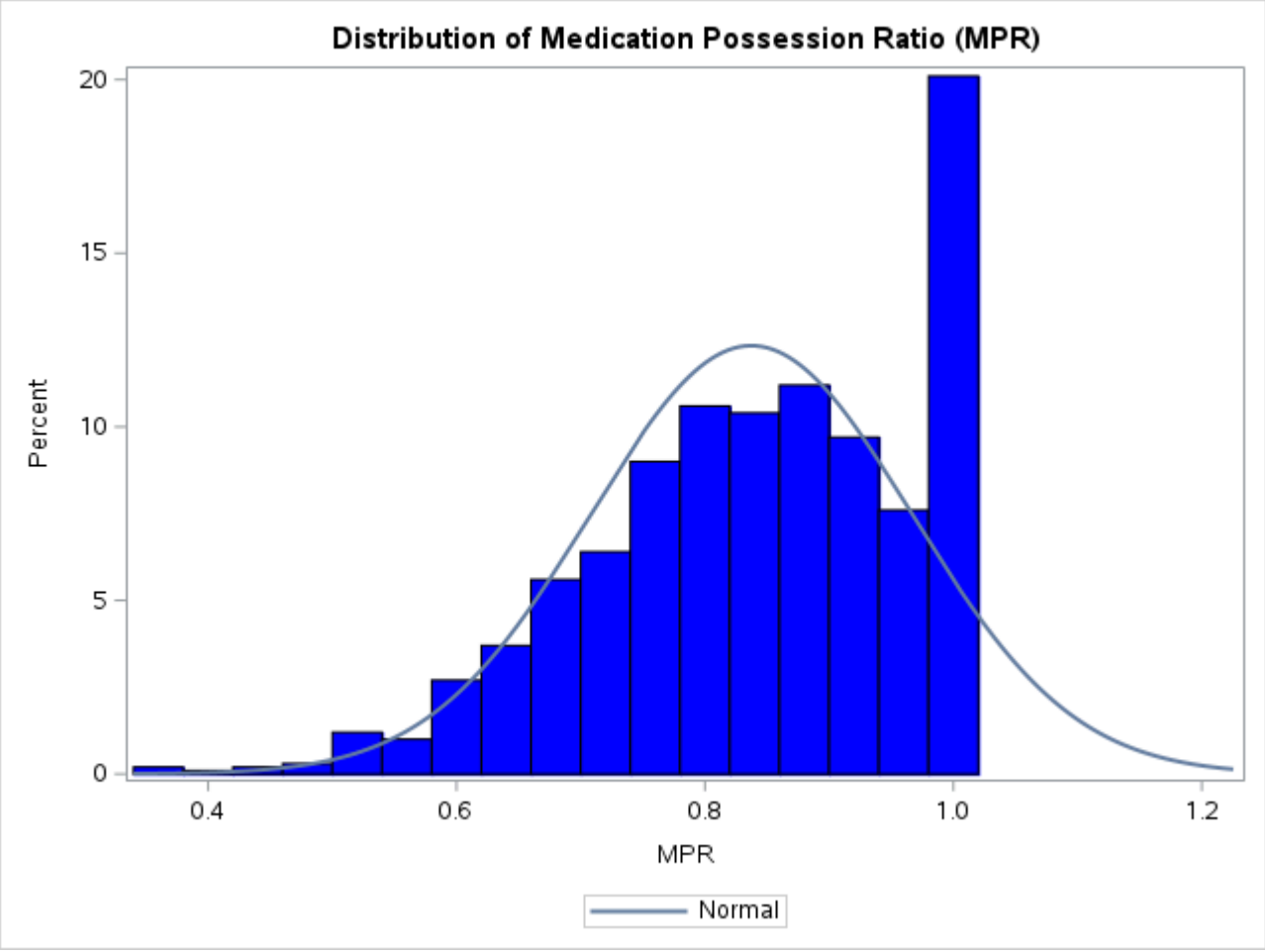
The MEANS Procedure

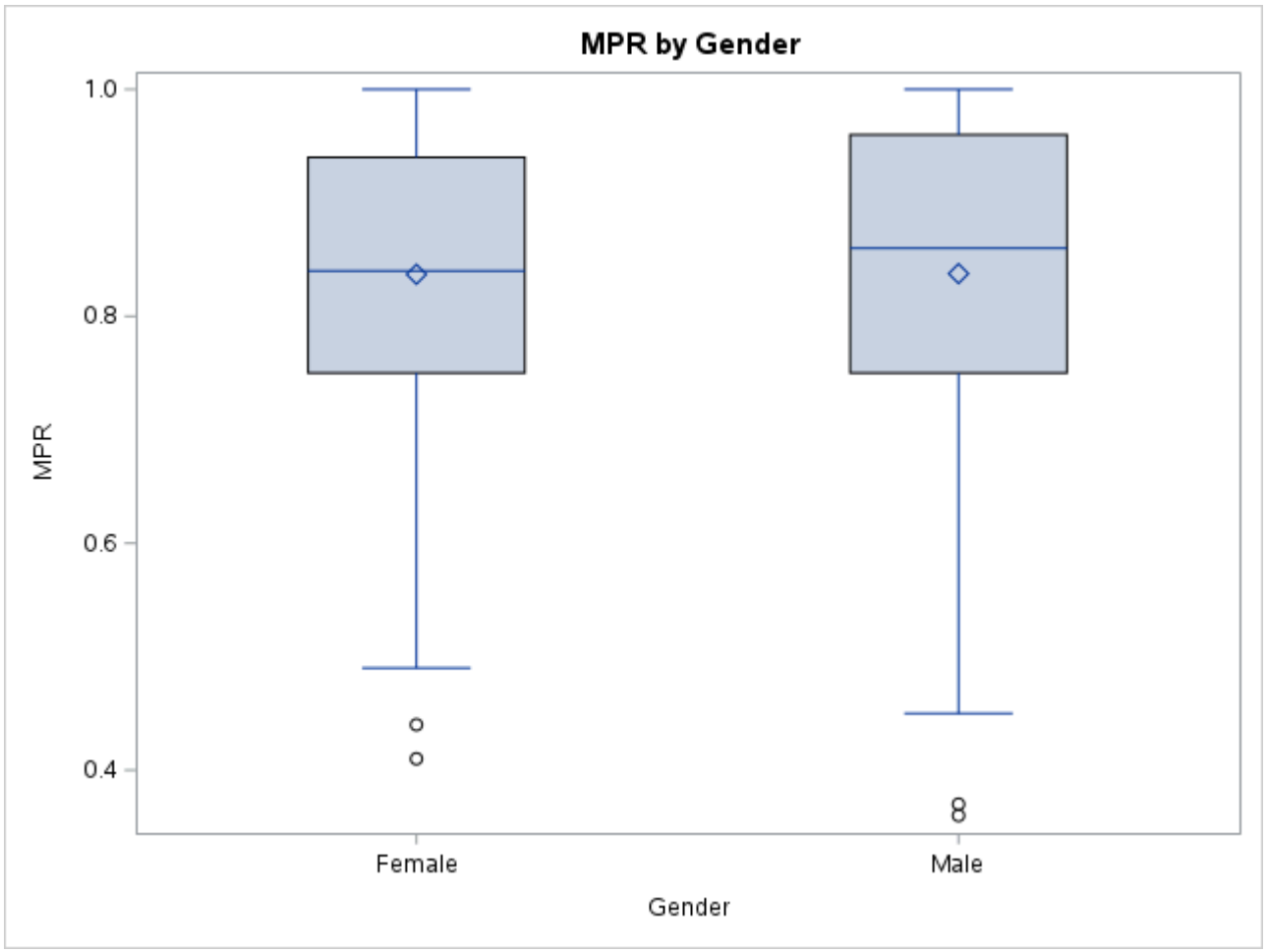
Variable	N	Mean	Std Dev	Minimum	Maximum
Age	1000	49.8570000	18.1142672	18.0000000	79.0000000
Days_Supply	1000	18.2720000	6.6719211	7.0000000	29.0000000
Refill_Interval	1000	30.3990000	5.0747504	15.4000000	46.3000000
MPR	1000	0.8373100	0.1293422	0.3600000	1.0000000

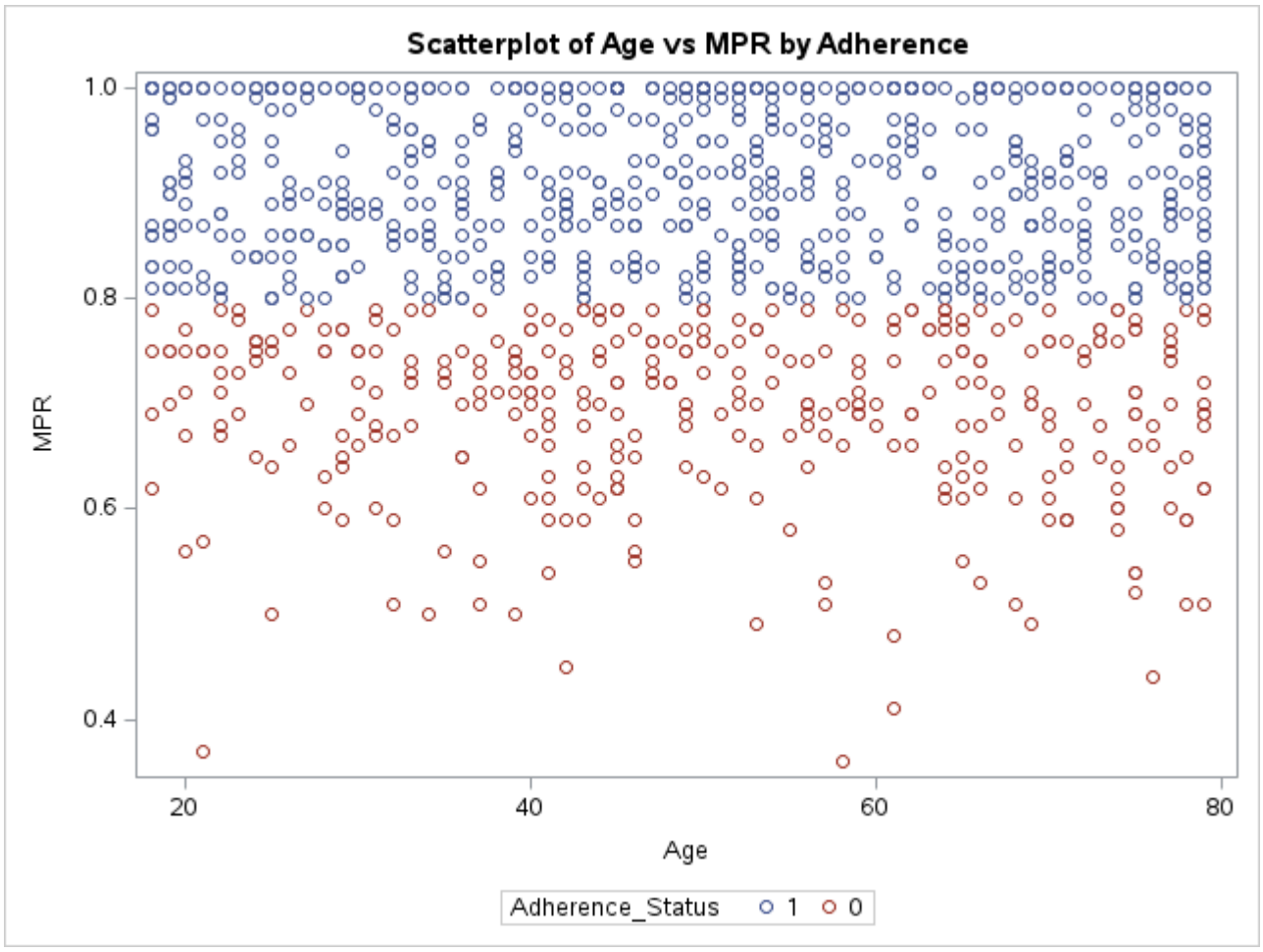
The FREQ Procedure

Gender	Frequency
Female	477
Male	523

Adherence_Status	Frequency
0	346
1	654




MPR by Gender
1.0
0.8
0.6
0.4
MPR
Female
Male
Gender


Scatterplot of Age vs MPR by Adherence
1.0
0.8
0.6
0.4
MPR
20
40
60
80
Age
Adherence_Status 1 0

Logistic Regression Model for Adherence Prediction

The LOGISTIC Procedure

Model Information	
Data Set	WORK.PHARMACY_CLEAN
Response Variable	Adherence_Status
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	1000
Number of Observations Used	1000

Response Profile		
Ordered Value	Adherence_Status	Total Frequency
1	0	346
2	1	654

Probability modeled is Adherence_Status='1'.

Class Level Information		
Class	Value	Design Variables
Gender	Female	1
	Male	0

Model Convergence Status
Complete separation of data points detected.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	1291.871	30.964
SC	1296.778	55.503
-2 Log L	1289.871	20.964

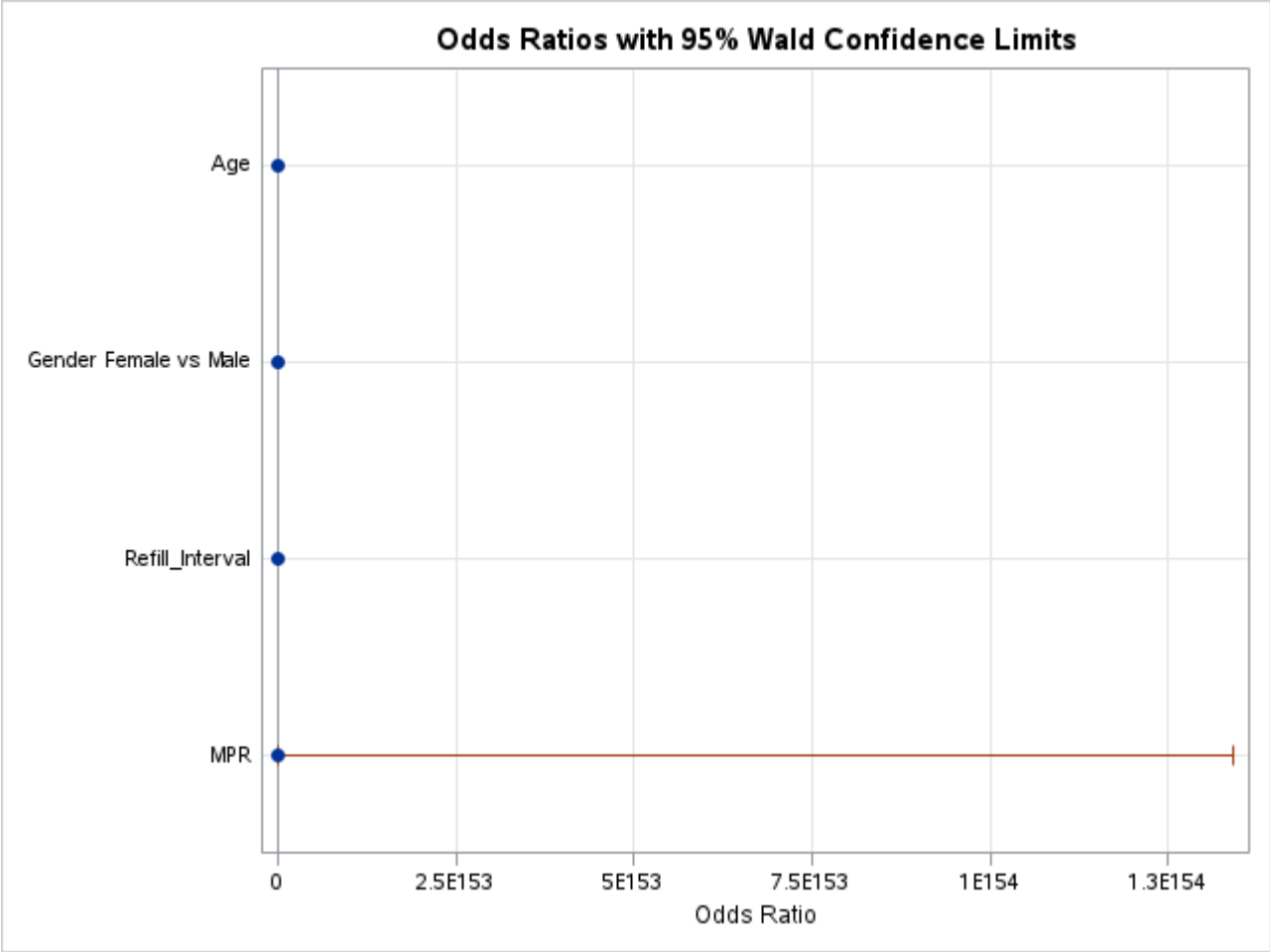
Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	1268.9063	4	<.0001
Score	672.5028	4	<.0001
Wald	30.7030	4	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
Age	1	0.0014	0.9698
Gender	1	0.3797	0.5378
Refill_Interval	1	0.0563	0.8124
MPR	1	29.9767	<.0001

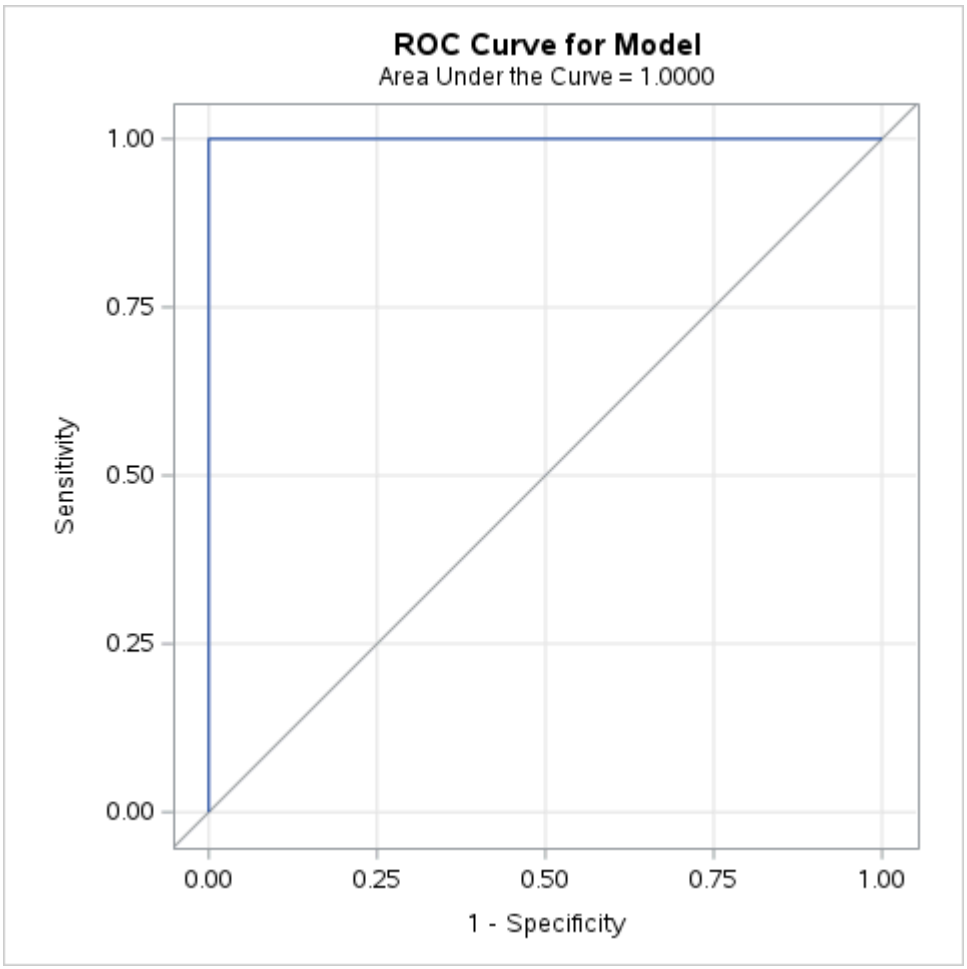
Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-263.1	47.9304	30.1289	<.0001
Age		1	-0.00075	0.0197	0.0014	0.9698
Gender	Female	1	0.4434	0.7195	0.3797	0.5378

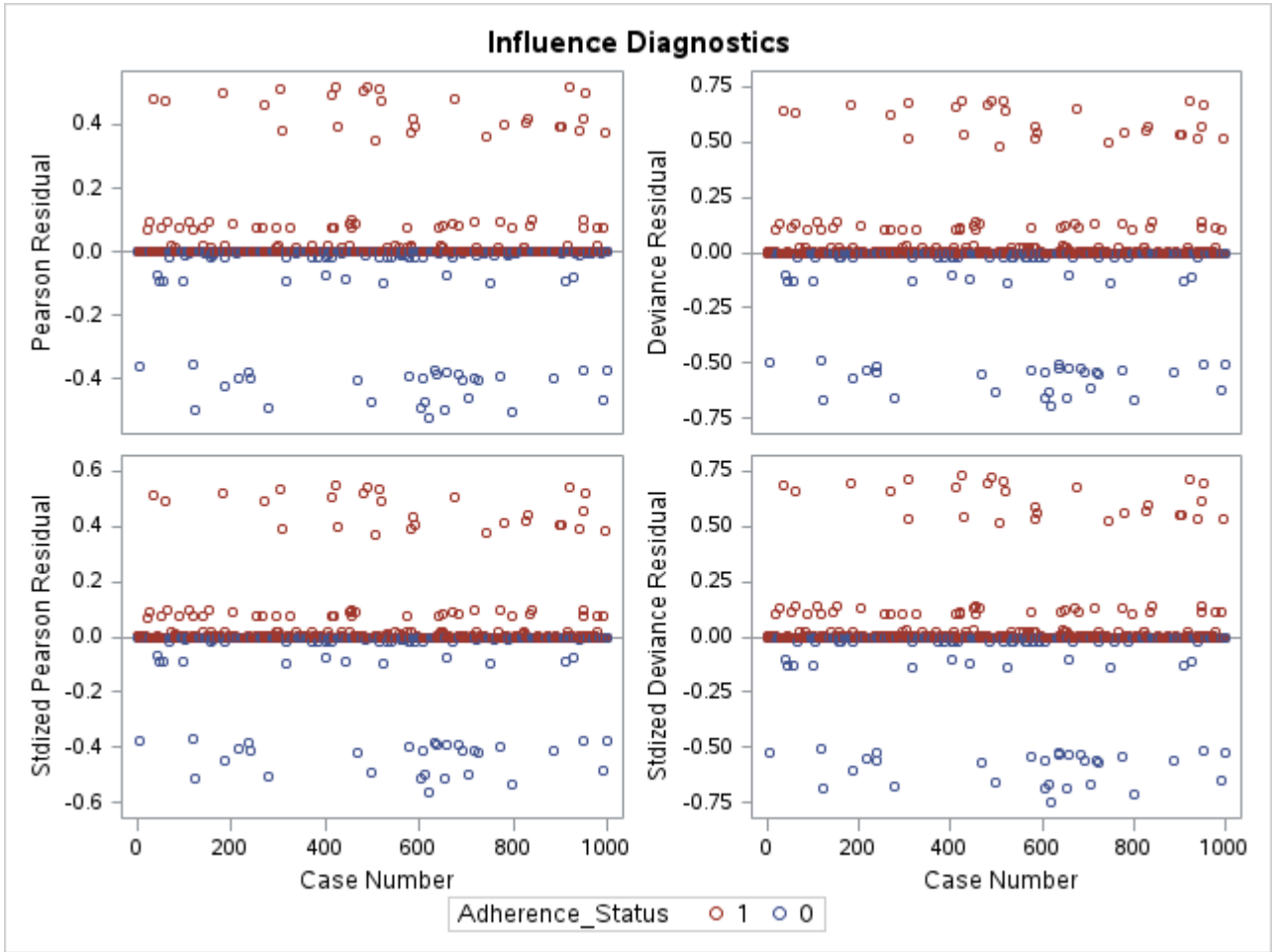
Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Refill_Interval		1	0.0160	0.0675	0.0563	0.8124
MPR		1	330.1	60.2843	29.9767	<.0001

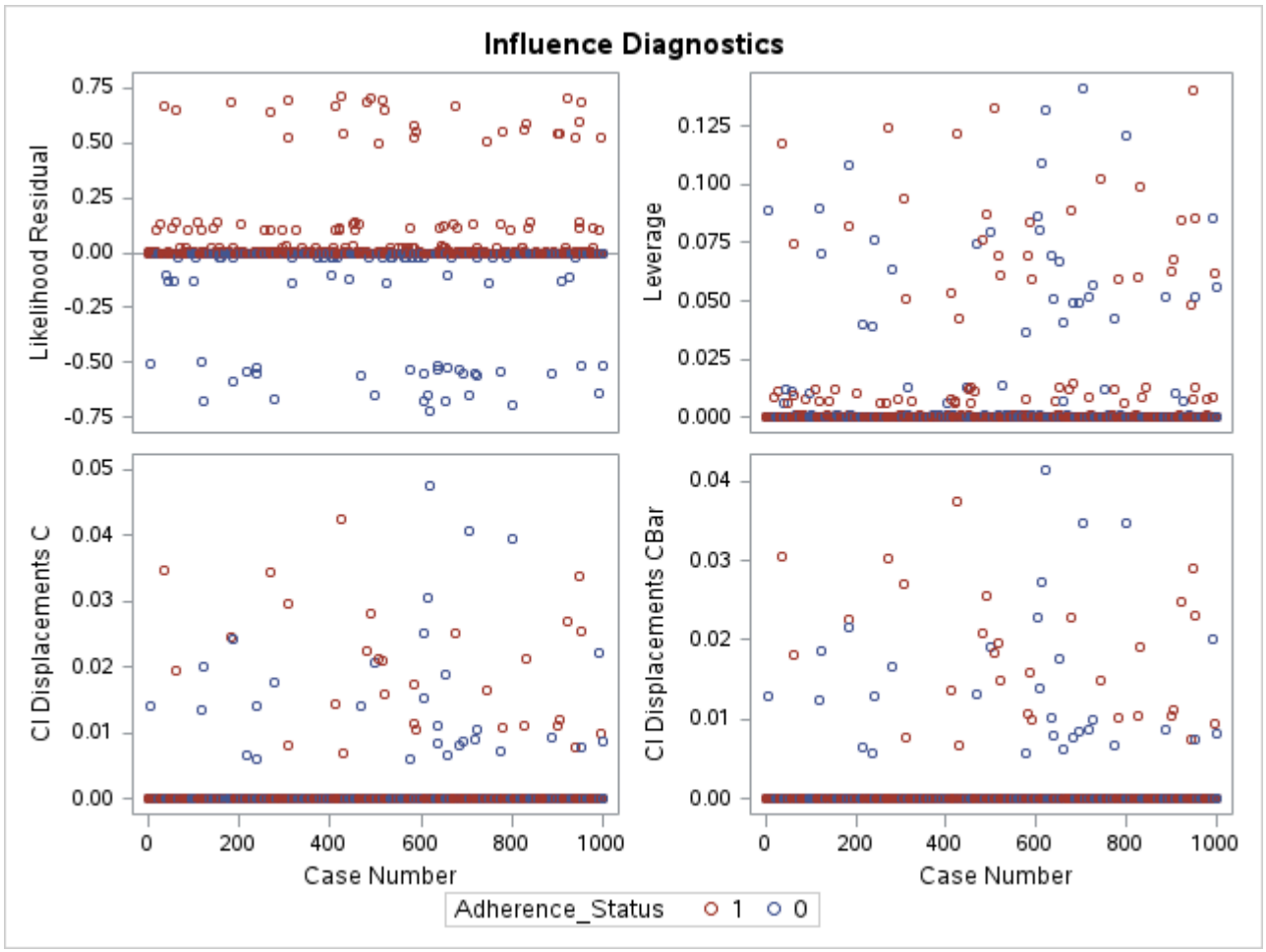
Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Age	0.999	0.961	1.039
Gender Female vs Male	1.558	0.380	6.382
Refill_Interval	1.016	0.890	1.160
MPR	>999.999	>999.999	>999.999

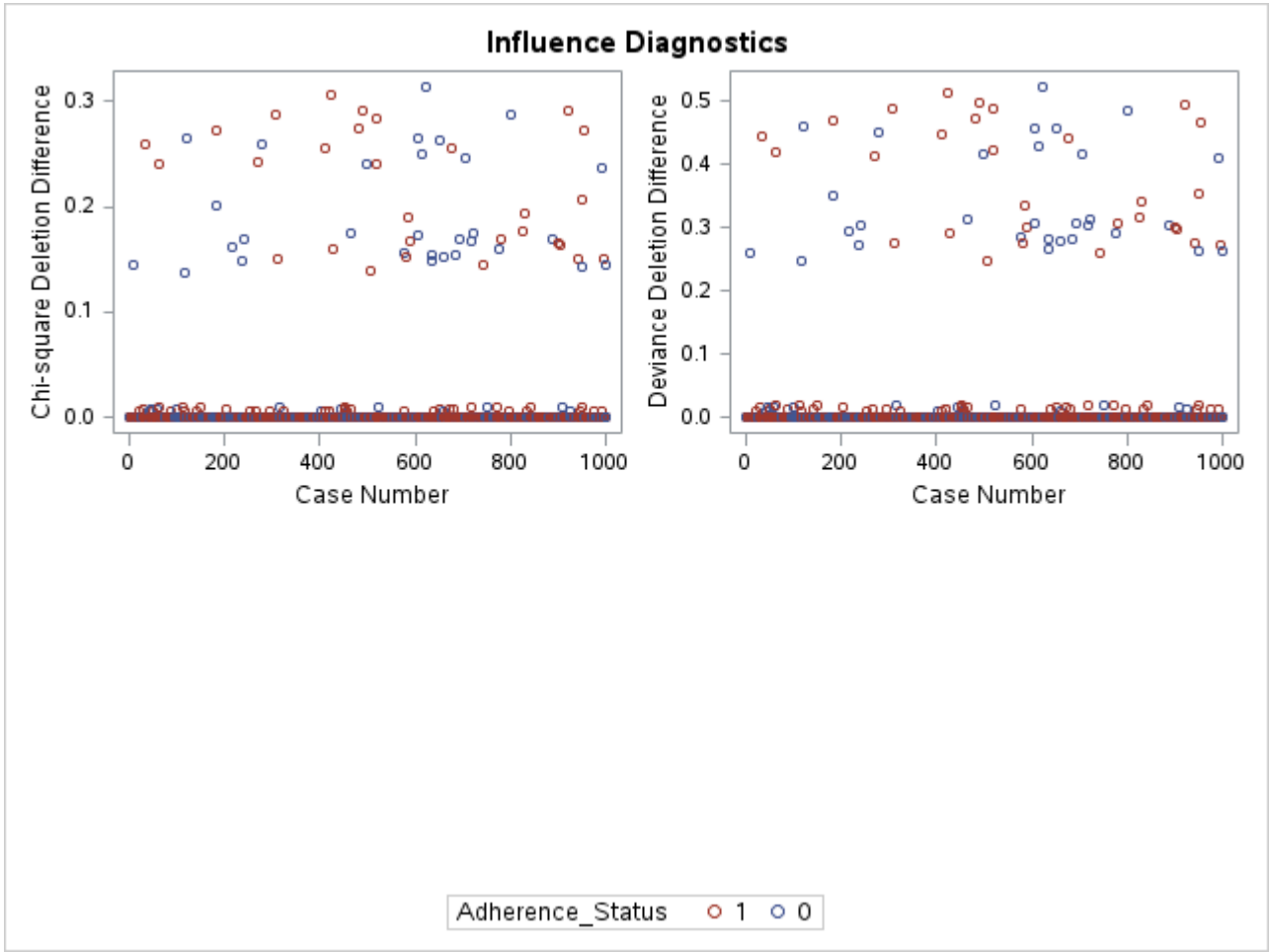


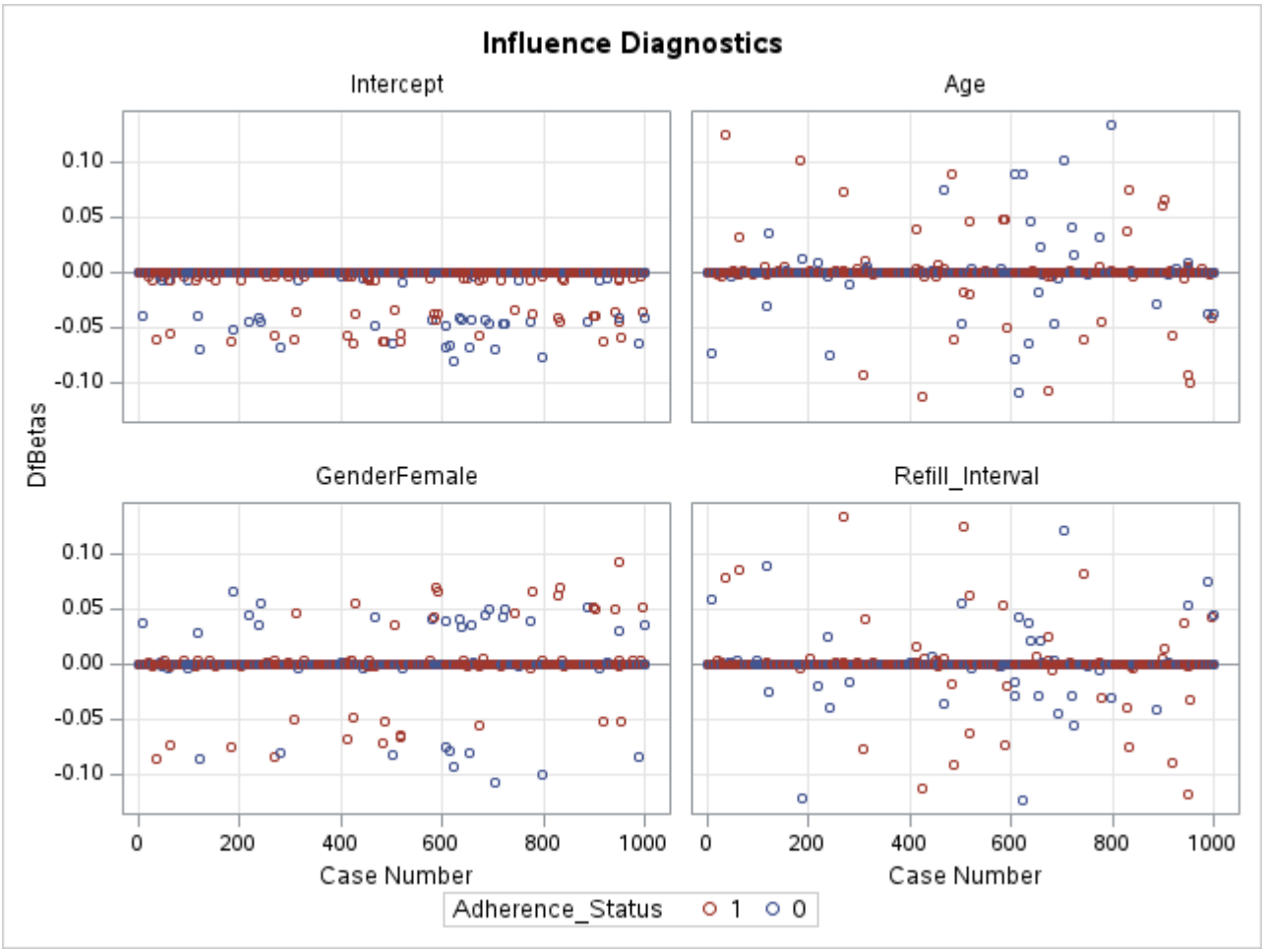
Association of Predicted Probabilities and Observed Responses			
Percent Concordant	100.0	Somers' D	1.000
Percent Discordant	0.0	Gamma	1.000
Percent Tied	0.0	Tau-a	0.453
Pairs	226284	c	1.000

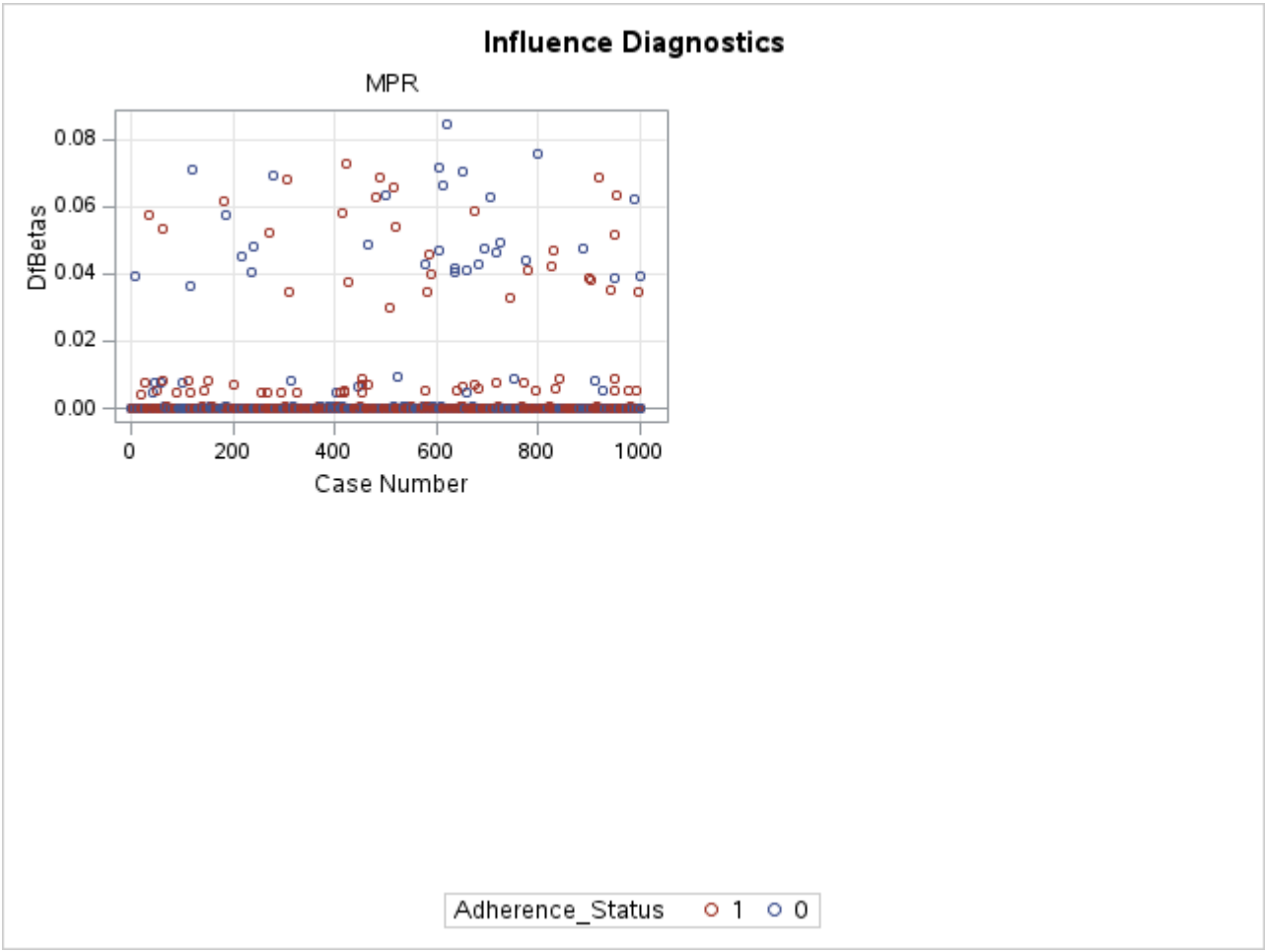

ROC Curve for Model
Area Under the Curve = 1.0000
Sensitivity
1 - Specificity
0.00
0.25
0.50
0.75
1.00

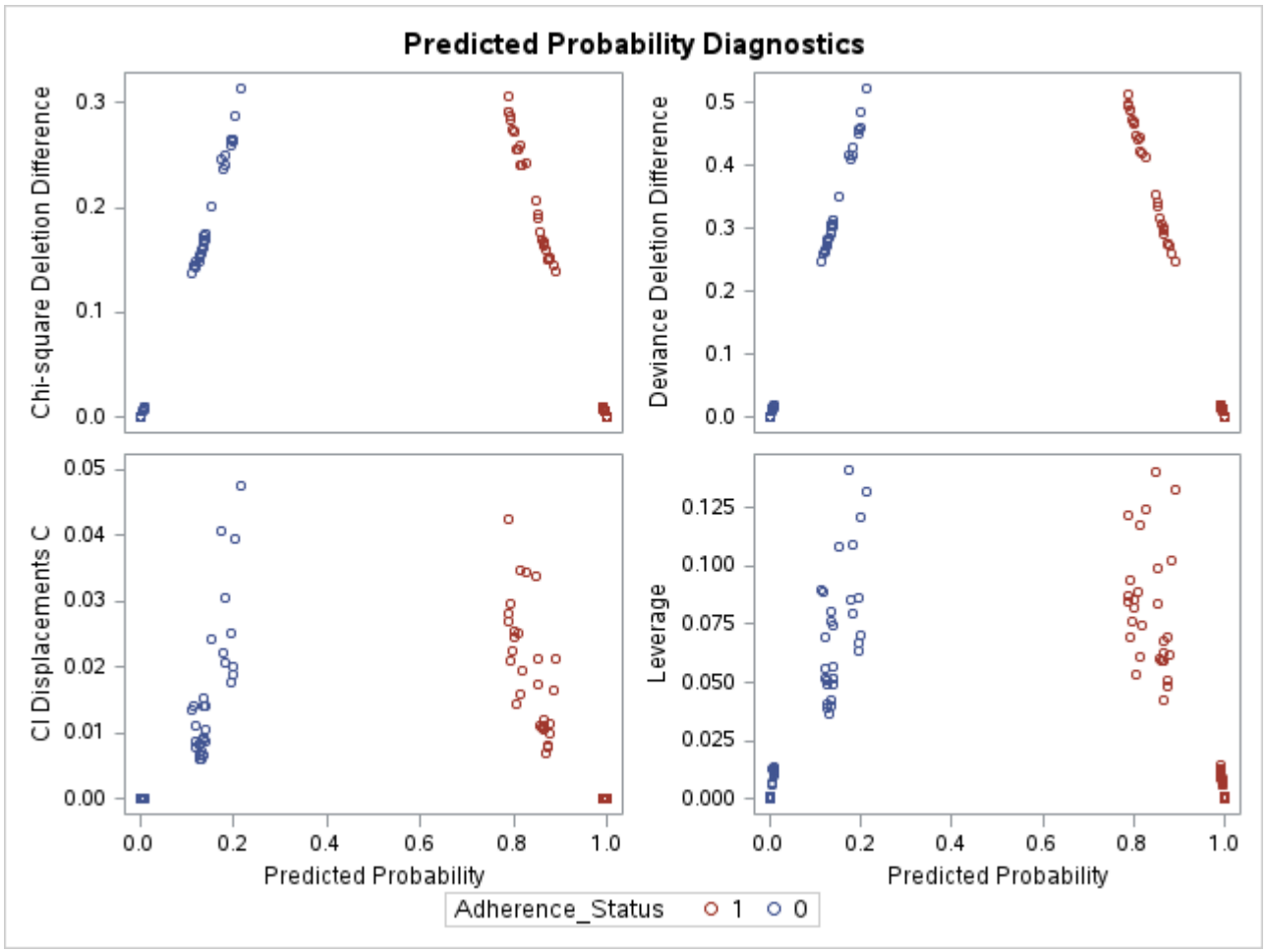

Influence Diagnostics
Pearson Residual
Deviance Residual
Stdized Pearson Residual
Stdized Deviance Residual
Case Number
Adherence_Status 1 0

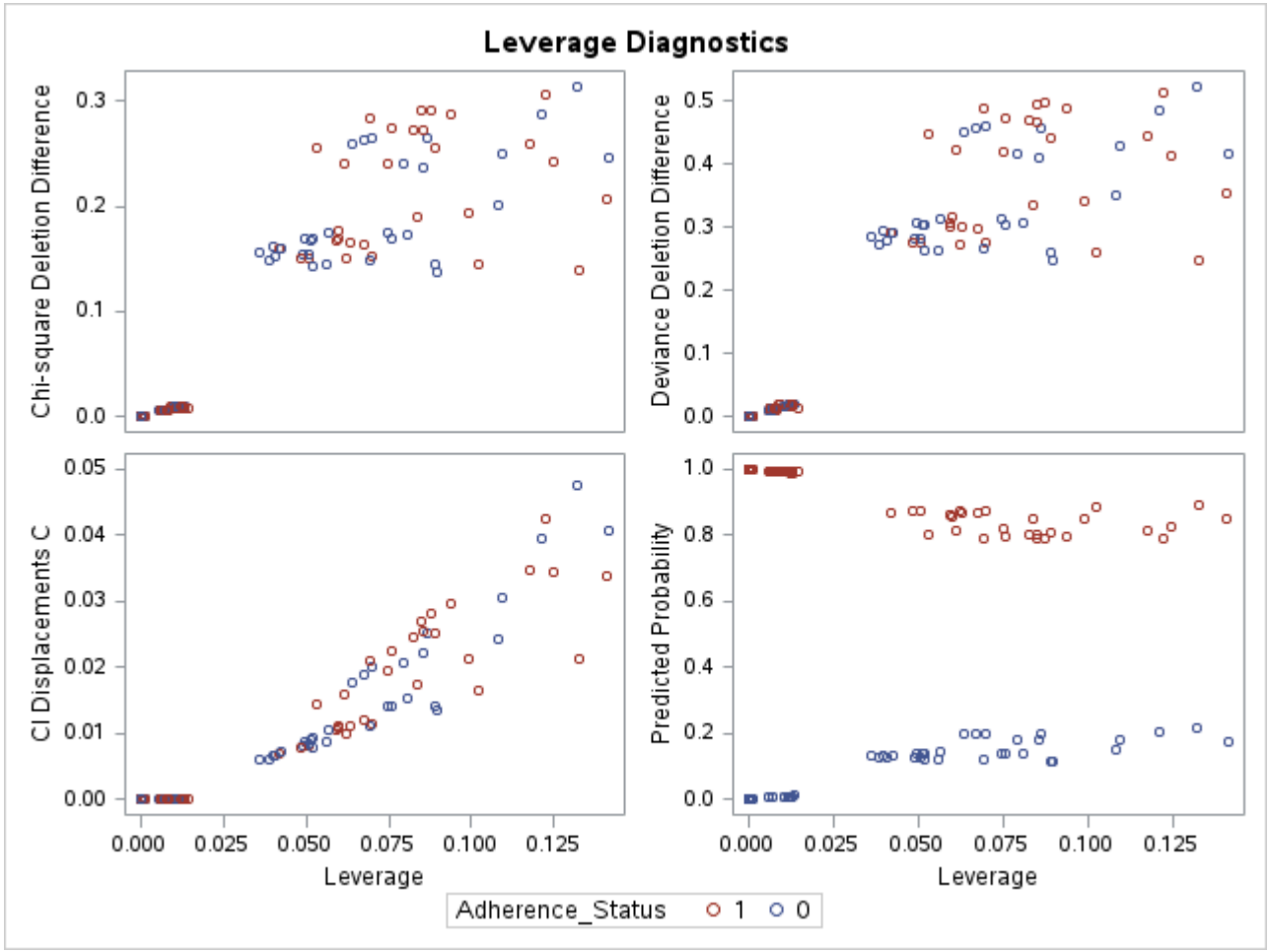

Influence Diagnostics
Likelihood Residual
Leverage
CI Displacements C
CI Displacements CBar
Case Number
Case Number
Adherence_Status 1 0

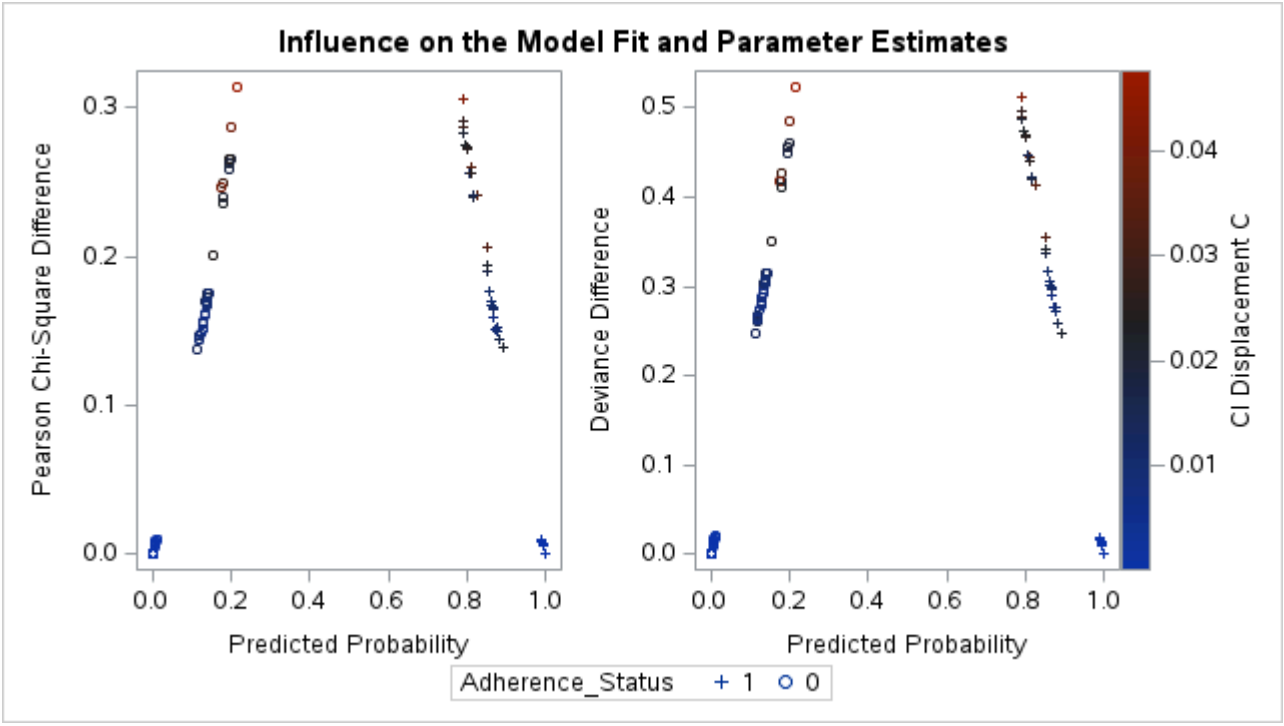

Influence Diagnostics
Chi-square Deletion Difference
Deviance Deletion Difference
Case Number
Case Number
Adherence_Status 1 0

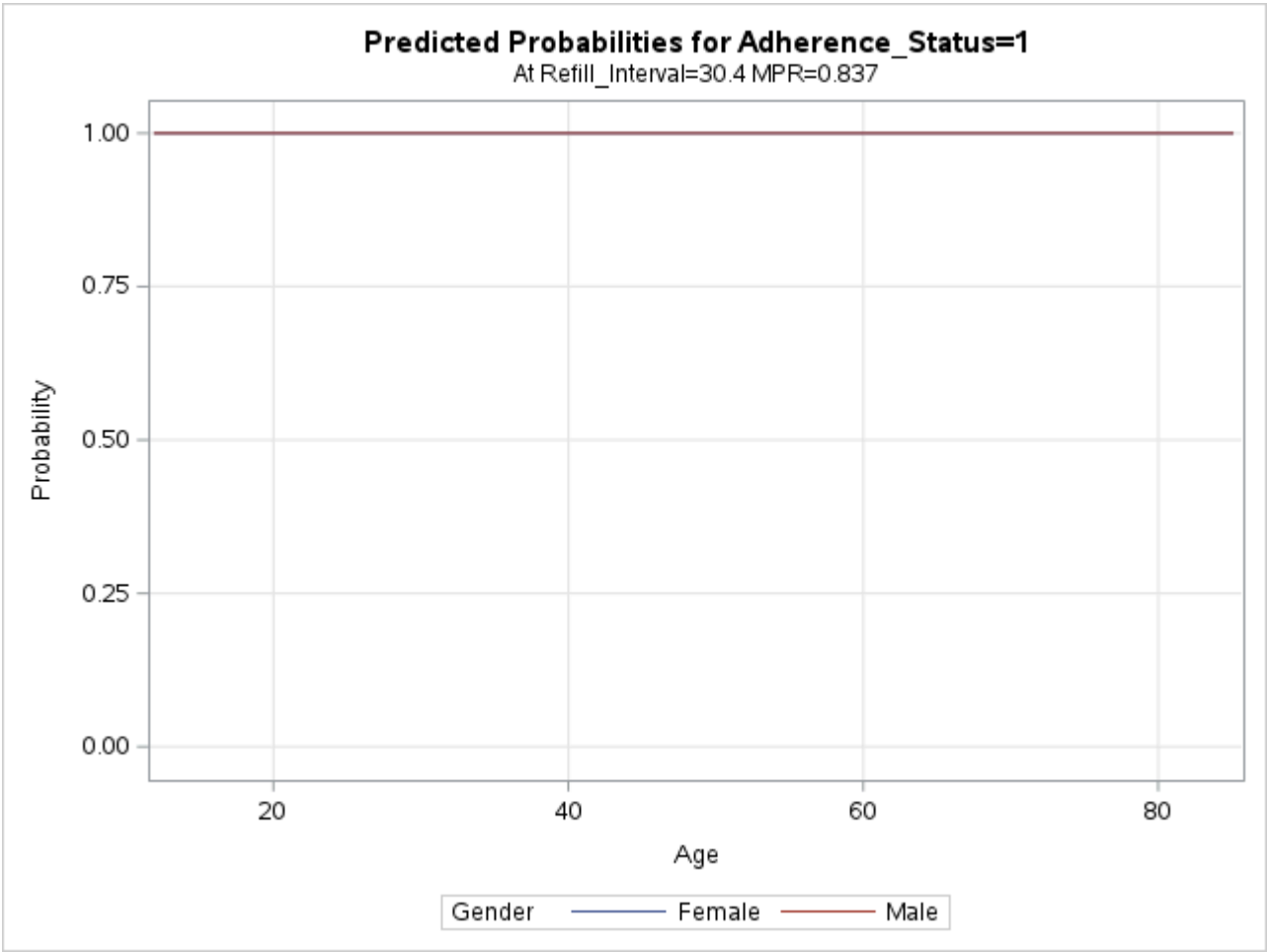

Influence Diagnostics
Intercept
Age
GenderFemale
Refill_Interval
DfBetas
0.10
0.05
0.00
-0.05
-0.10
0
200
400
600
800
1000
Case Number
Adherence_Status 1 0

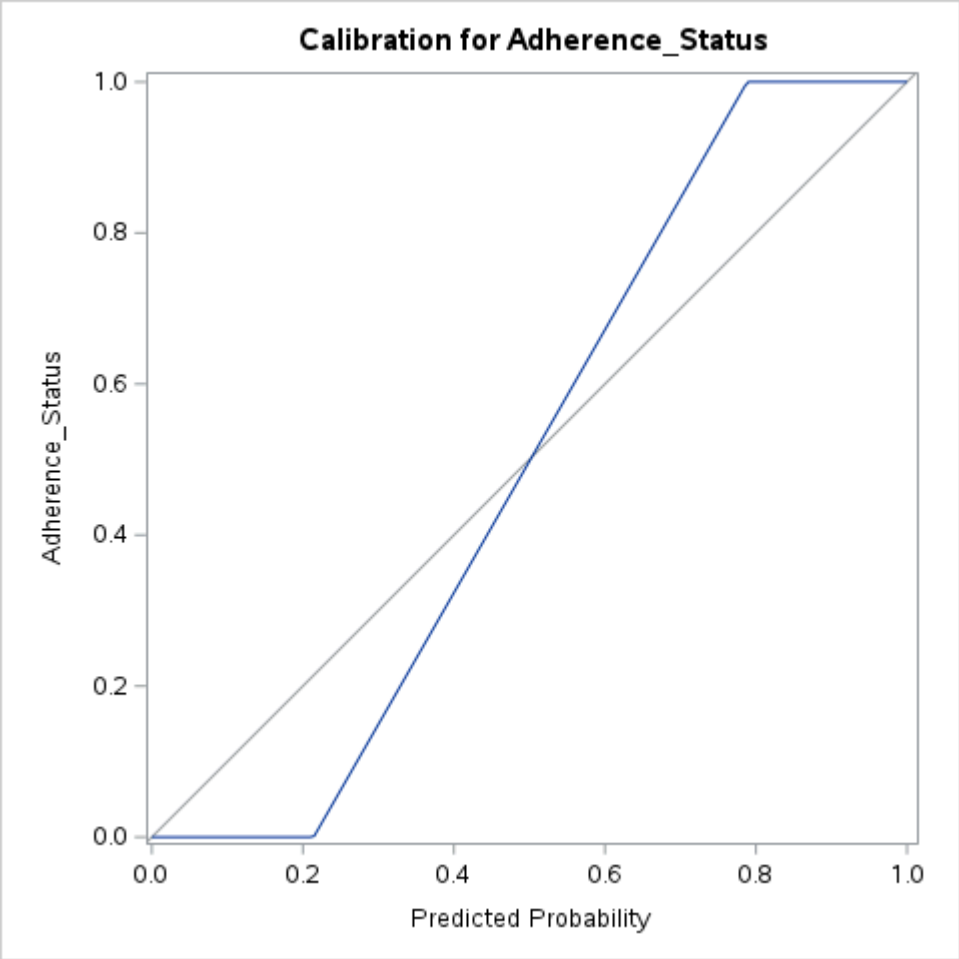

Influence Diagnostics
MPR
DfBetas
0.08
0.06
0.04
0.02
0.00
0
200
400
600
800
1000
Case Number
Adherence_Status 1 0


Predicted Probability Diagnostics
Chi-square Deletion Difference
Deviance Deletion Difference
CI Displacements C
Leverage
Predicted Probability
Predicted Probability
Adherence_Status 1 0


Leverage Diagnostics
Chi-square Deletion Difference
Deviance Deletion Difference
CI Displacements C
Predicted Probability
Leverage
Leverage
Adherence_Status 1 0


Influence on the Model Fit and Parameter Estimates
Pearson Chi-Square Difference
Predicted Probability
Deviance Difference
Predicted Probability
CI Displacement C
Adherence_Status 1 0


Predicted Probabilities for Adherence_Status=1
At Refill_Interval=30.4 MPR=0.837
Probability
Age
Gender Female Male



Kaplan-Meier Survival Curve: Time to Non-Adherence by Gender

The LIFETEST Procedure

Stratum 1: Gender = Female

Product-Limit Survival Estimates

Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.0000		1.0000	0	0	0	477
5.0000	*	.	.	.	0	476
6.0000		0.9979	0.00210	0.00210	1	475
7.0000	*	.	.	.	1	474
8.0000	*	.	.	.	1	473
8.0000	*	.	.	.	1	472
9.0000		0.9958	0.00422	0.00297	2	471
9.0000	*	.	.	.	2	470
9.0000	*	.	.	.	2	469
10.0000		.	.	.	3	468
10.0000		0.9915	0.00846	0.00421	4	467
11.0000		0.9894	0.0106	0.00471	5	466
11.0000	*	.	.	.	5	465
12.0000		.	.	.	6	464
12.0000		0.9852	0.0148	0.00557	7	463
12.0000	*	.	.	.	7	462
13.0000		0.9830	0.0170	0.00595	8	461
13.0000	*	.	.	.	8	460
14.0000		0.9809	0.0191	0.00631	9	459
14.0000	*	.	.	.	9	458

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
14.0000	*	.	.	.	9	457
15.0000		.	.	.	10	456
15.0000		.	.	.	11	455
15.0000		0.9745	0.0255	0.00728	12	454
15.0000	*	.	.	.	12	453
15.0000	*	.	.	.	12	452
15.0000	*	.	.	.	12	451
15.0000	*	.	.	.	12	450
16.0000		0.9723	0.0277	0.00758	13	449
16.0000	*	.	.	.	13	448
16.0000	*	.	.	.	13	447
16.0000	*	.	.	.	13	446
17.0000		.	.	.	14	445
17.0000		.	.	.	15	444
17.0000		.	.	.	16	443
17.0000		.	.	.	17	442
17.0000		.	.	.	18	441
17.0000		0.9592	0.0408	0.00917	19	440
17.0000	*	.	.	.	19	439
17.0000	*	.	.	.	19	438
17.0000	*	.	.	.	19	437
17.0000	*	.	.	.	19	436
17.0000	*	.	.	.	19	435
17.0000	*	.	.	.	19	434
18.0000		.	.	.	20	433
18.0000		.	.	.	21	432
18.0000		.	.	.	22	431
18.0000		.	.	.	23	430
18.0000		.	.	.	24	429
18.0000		.	.	.	25	428
18.0000		.	.	.	26	427
18.0000		0.9415	0.0585	0.0109	27	426
18.0000	*	.	.	.	27	425
18.0000	*	.	.	.	27	424
18.0000	*	.	.	.	27	423
18.0000	*	.	.	.	27	422
18.0000	*	.	.	.	27	421
18.0000	*	.	.	.	27	420
19.0000		.	.	.	28	419
19.0000		.	.	.	29	418
19.0000		.	.	.	30	417
19.0000		0.9326	0.0674	0.0117	31	416
19.0000	*	.	.	.	31	415
19.0000	*	.	.	.	31	414
19.0000	*	.	.	.	31	413
19.0000	*	.	.	.	31	412
19.0000	*	.	.	.	31	411
19.0000	*	.	.	.	31	410
20.0000		.	.	.	32	409
20.0000		.	.	.	33	408
20.0000		0.9257	0.0743	0.0123	34	407

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
20.0000	*	.	.	.	34	406
20.0000	*	.	.	.	34	405
20.0000	*	.	.	.	34	404
20.0000	*	.	.	.	34	403
20.0000	*	.	.	.	34	402
20.0000	*	.	.	.	34	401
20.0000	*	.	.	.	34	400
20.0000	*	.	.	.	34	399
20.0000	*	.	.	.	34	398
20.0000	*	.	.	.	34	397
20.0000	*	.	.	.	34	396
20.0000	*	.	.	.	34	395
20.0000	*	.	.	.	34	394
21.0000		0.9234	0.0766	0.0125	35	393
21.0000	*	.	.	.	35	392
21.0000	*	.	.	.	35	391
21.0000	*	.	.	.	35	390
21.0000	*	.	.	.	35	389
21.0000	*	.	.	.	35	388
21.0000	*	.	.	.	35	387
21.0000	*	.	.	.	35	386
21.0000	*	.	.	.	35	385
21.0000	*	.	.	.	35	384
21.0000	*	.	.	.	35	383
22.0000		.	.	.	36	382
22.0000		0.9186	0.0814	0.0128	37	381
22.0000	*	.	.	.	37	380
22.0000	*	.	.	.	37	379
22.0000	*	.	.	.	37	378
22.0000	*	.	.	.	37	377
22.0000	*	.	.	.	37	376
22.0000	*	.	.	.	37	375
22.0000	*	.	.	.	37	374
22.0000	*	.	.	.	37	373
22.0000	*	.	.	.	37	372
22.0000	*	.	.	.	37	371
23.0000		.	.	.	38	370
23.0000		0.9136	0.0864	0.0132	39	369
23.0000	*	.	.	.	39	368
23.0000	*	.	.	.	39	367
23.0000	*	.	.	.	39	366
23.0000	*	.	.	.	39	365
23.0000	*	.	.	.	39	364
23.0000	*	.	.	.	39	363
24.0000		.	.	.	40	362
24.0000		.	.	.	41	361
24.0000		.	.	.	42	360
24.0000		.	.	.	43	359
24.0000		.	.	.	44	358
24.0000		0.8985	0.1015	0.0144	45	357
24.0000	*	.	.	.	45	356

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
24.0000	*	.	.	.	45	355
24.0000	*	.	.	.	45	354
24.0000	*	.	.	.	45	353
24.0000	*	.	.	.	45	352
24.0000	*	.	.	.	45	351
24.0000	*	.	.	.	45	350
24.0000	*	.	.	.	45	349
24.0000	*	.	.	.	45	348
24.0000	*	.	.	.	45	347
25.0000		.	.	.	46	346
25.0000		.	.	.	47	345
25.0000		.	.	.	48	344
25.0000		.	.	.	49	343
25.0000		0.8856	0.1144	0.0153	50	342
25.0000	*	.	.	.	50	341
25.0000	*	.	.	.	50	340
25.0000	*	.	.	.	50	339
25.0000	*	.	.	.	50	338
25.0000	*	.	.	.	50	337
25.0000	*	.	.	.	50	336
25.0000	*	.	.	.	50	335
25.0000	*	.	.	.	50	334
25.0000	*	.	.	.	50	333
25.0000	*	.	.	.	50	332
25.0000	*	.	.	.	50	331
25.0000	*	.	.	.	50	330
25.0000	*	.	.	.	50	329
26.0000		.	.	.	51	328
26.0000		.	.	.	52	327
26.0000		.	.	.	53	326
26.0000		.	.	.	54	325
26.0000		.	.	.	55	324
26.0000		.	.	.	56	323
26.0000		.	.	.	57	322
26.0000		.	.	.	58	321
26.0000		0.8613	0.1387	0.0169	59	320
26.0000	*	.	.	.	59	319
26.0000	*	.	.	.	59	318
26.0000	*	.	.	.	59	317
26.0000	*	.	.	.	59	316
26.0000	*	.	.	.	59	315
26.0000	*	.	.	.	59	314
26.0000	*	.	.	.	59	313
26.0000	*	.	.	.	59	312
26.0000	*	.	.	.	59	311
26.0000	*	.	.	.	59	310
26.0000	*	.	.	.	59	309
26.0000	*	.	.	.	59	308
26.0000	*	.	.	.	59	307
26.0000	*	.	.	.	59	306
27.0000		.	.	.	60	305

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
27.0000		.	.	.	61	304
27.0000		.	.	.	62	303
27.0000		.	.	.	63	302
27.0000		0.8473	0.1527	0.0177	64	301
27.0000	*	.	.	.	64	300
27.0000	*	.	.	.	64	299
27.0000	*	.	.	.	64	298
27.0000	*	.	.	.	64	297
27.0000	*	.	.	.	64	296
27.0000	*	.	.	.	64	295
27.0000	*	.	.	.	64	294
27.0000	*	.	.	.	64	293
27.0000	*	.	.	.	64	292
27.0000	*	.	.	.	64	291
27.0000	*	.	.	.	64	290
27.0000	*	.	.	.	64	289
27.0000	*	.	.	.	64	288
27.0000	*	.	.	.	64	287
27.0000	*	.	.	.	64	286
27.0000	*	.	.	.	64	285
27.0000	*	.	.	.	64	284
27.0000	*	.	.	.	64	283
27.0000	*	.	.	.	64	282
27.0000	*	.	.	.	64	281
27.0000	*	.	.	.	64	280
27.0000	*	.	.	.	64	279
27.0000	*	.	.	.	64	278
27.0000	*	.	.	.	64	277
27.0000	*	.	.	.	64	276
28.0000		.	.	.	65	275
28.0000		.	.	.	66	274
28.0000		.	.	.	67	273
28.0000		.	.	.	68	272
28.0000		.	.	.	69	271
28.0000		0.8288	0.1712	0.0189	70	270
28.0000	*	.	.	.	70	269
28.0000	*	.	.	.	70	268
28.0000	*	.	.	.	70	267
28.0000	*	.	.	.	70	266
28.0000	*	.	.	.	70	265
28.0000	*	.	.	.	70	264
28.0000	*	.	.	.	70	263
28.0000	*	.	.	.	70	262
28.0000	*	.	.	.	70	261
28.0000	*	.	.	.	70	260
28.0000	*	.	.	.	70	259
28.0000	*	.	.	.	70	258
28.0000	*	.	.	.	70	257
28.0000	*	.	.	.	70	256
28.0000	*	.	.	.	70	255
29.0000		.	.	.	71	254

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
29.0000		.	.	.	72	253
29.0000		.	.	.	73	252
29.0000		.	.	.	74	251
29.0000		.	.	.	75	250
29.0000		0.8093	0.1907	0.0200	76	249
29.0000	*	.	.	.	76	248
29.0000	*	.	.	.	76	247
29.0000	*	.	.	.	76	246
29.0000	*	.	.	.	76	245
29.0000	*	.	.	.	76	244
29.0000	*	.	.	.	76	243
29.0000	*	.	.	.	76	242
29.0000	*	.	.	.	76	241
29.0000	*	.	.	.	76	240
29.0000	*	.	.	.	76	239
29.0000	*	.	.	.	76	238
29.0000	*	.	.	.	76	237
29.0000	*	.	.	.	76	236
29.0000	*	.	.	.	76	235
29.0000	*	.	.	.	76	234
30.0000		.	.	.	77	233
30.0000		.	.	.	78	232
30.0000		.	.	.	79	231
30.0000		.	.	.	80	230
30.0000		.	.	.	81	229
30.0000		0.7886	0.2114	0.0212	82	228
30.0000	*	.	.	.	82	227
30.0000	*	.	.	.	82	226
30.0000	*	.	.	.	82	225
30.0000	*	.	.	.	82	224
30.0000	*	.	.	.	82	223
30.0000	*	.	.	.	82	222
30.0000	*	.	.	.	82	221
30.0000	*	.	.	.	82	220
30.0000	*	.	.	.	82	219
31.0000		.	.	.	83	218
31.0000		.	.	.	84	217
31.0000		.	.	.	85	216
31.0000		.	.	.	86	215
31.0000		0.7706	0.2294	0.0222	87	214
31.0000	*	.	.	.	87	213
31.0000	*	.	.	.	87	212
31.0000	*	.	.	.	87	211
31.0000	*	.	.	.	87	210
31.0000	*	.	.	.	87	209
31.0000	*	.	.	.	87	208
31.0000	*	.	.	.	87	207
31.0000	*	.	.	.	87	206
31.0000	*	.	.	.	87	205
32.0000		.	.	.	88	204
32.0000		.	.	.	89	203

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
32.0000		.	.	.	90	202
32.0000		0.7556	0.2444	0.0230	91	201
32.0000	*	.	.	.	91	200
32.0000	*	.	.	.	91	199
32.0000	*	.	.	.	91	198
32.0000	*	.	.	.	91	197
32.0000	*	.	.	.	91	196
32.0000	*	.	.	.	91	195
32.0000	*	.	.	.	91	194
32.0000	*	.	.	.	91	193
32.0000	*	.	.	.	91	192
32.0000	*	.	.	.	91	191
32.0000	*	.	.	.	91	190
32.0000	*	.	.	.	91	189
32.0000	*	.	.	.	91	188
33.0000		.	.	.	92	187
33.0000		.	.	.	93	186
33.0000		.	.	.	94	185
33.0000		.	.	.	95	184
33.0000		.	.	.	96	183
33.0000		.	.	.	97	182
33.0000		.	.	.	98	181
33.0000		.	.	.	99	180
33.0000		.	.	.	100	179
33.0000		0.7154	0.2846	0.0251	101	178
33.0000	*	.	.	.	101	177
33.0000	*	.	.	.	101	176
33.0000	*	.	.	.	101	175
33.0000	*	.	.	.	101	174
33.0000	*	.	.	.	101	173
33.0000	*	.	.	.	101	172
33.0000	*	.	.	.	101	171
33.0000	*	.	.	.	101	170
33.0000	*	.	.	.	101	169
33.0000	*	.	.	.	101	168
33.0000	*	.	.	.	101	167
33.0000	*	.	.	.	101	166
33.0000	*	.	.	.	101	165
33.0000	*	.	.	.	101	164
33.0000	*	.	.	.	101	163
34.0000		.	.	.	102	162
34.0000		.	.	.	103	161
34.0000		.	.	.	104	160
34.0000		.	.	.	105	159
34.0000		.	.	.	106	158
34.0000		.	.	.	107	157
34.0000		0.6846	0.3154	0.0265	108	156
34.0000	*	.	.	.	108	155
34.0000	*	.	.	.	108	154
34.0000	*	.	.	.	108	153
34.0000	*	.	.	.	108	152

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
34.0000	*	.	.	.	108	151
34.0000	*	.	.	.	108	150
34.0000	*	.	.	.	108	149
34.0000	*	.	.	.	108	148
34.0000	*	.	.	.	108	147
35.0000		.	.	.	109	146
35.0000		.	.	.	110	145
35.0000		.	.	.	111	144
35.0000		.	.	.	112	143
35.0000		0.6614	0.3386	0.0276	113	142
35.0000	*	.	.	.	113	141
35.0000	*	.	.	.	113	140
35.0000	*	.	.	.	113	139
35.0000	*	.	.	.	113	138
35.0000	*	.	.	.	113	137
35.0000	*	.	.	.	113	136
35.0000	*	.	.	.	113	135
35.0000	*	.	.	.	113	134
35.0000	*	.	.	.	113	133
35.0000	*	.	.	.	113	132
35.0000	*	.	.	.	113	131
35.0000	*	.	.	.	113	130
35.0000	*	.	.	.	113	129
35.0000	*	.	.	.	113	128
35.0000	*	.	.	.	113	127
35.0000	*	.	.	.	113	126
35.0000	*	.	.	.	113	125
36.0000		.	.	.	114	124
36.0000		.	.	.	115	123
36.0000		.	.	.	116	122
36.0000		0.6402	0.3598	0.0287	117	121
36.0000	*	.	.	.	117	120
36.0000	*	.	.	.	117	119
36.0000	*	.	.	.	117	118
36.0000	*	.	.	.	117	117
36.0000	*	.	.	.	117	116
36.0000	*	.	.	.	117	115
36.0000	*	.	.	.	117	114
36.0000	*	.	.	.	117	113
37.0000		.	.	.	118	112
37.0000		.	.	.	119	111
37.0000		.	.	.	120	110
37.0000		0.6175	0.3825	0.0298	121	109
37.0000	*	.	.	.	121	108
37.0000	*	.	.	.	121	107
37.0000	*	.	.	.	121	106
37.0000	*	.	.	.	121	105
37.0000	*	.	.	.	121	104
37.0000	*	.	.	.	121	103
38.0000		.	.	.	122	102
38.0000		.	.	.	123	101

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
38.0000		.	.	.	124	100
38.0000		.	.	.	125	99
38.0000		.	.	.	126	98
38.0000		.	.	.	127	97
38.0000		0.5756	0.4244	0.0317	128	96
38.0000	*	.	.	.	128	95
38.0000	*	.	.	.	128	94
38.0000	*	.	.	.	128	93
38.0000	*	.	.	.	128	92
38.0000	*	.	.	.	128	91
38.0000	*	.	.	.	128	90
38.0000	*	.	.	.	128	89
38.0000	*	.	.	.	128	88
38.0000	*	.	.	.	128	87
38.0000	*	.	.	.	128	86
38.0000	*	.	.	.	128	85
38.0000	*	.	.	.	128	84
38.0000	*	.	.	.	128	83
38.0000	*	.	.	.	128	82
39.0000		.	.	.	129	81
39.0000		.	.	.	130	80
39.0000		.	.	.	131	79
39.0000		.	.	.	132	78
39.0000		0.5405	0.4595	0.0335	133	77
39.0000	*	.	.	.	133	76
39.0000	*	.	.	.	133	75
39.0000	*	.	.	.	133	74
39.0000	*	.	.	.	133	73
39.0000	*	.	.	.	133	72
39.0000	*	.	.	.	133	71
39.0000	*	.	.	.	133	70
39.0000	*	.	.	.	133	69
40.0000		.	.	.	134	68
40.0000		.	.	.	135	67
40.0000		0.5170	0.4830	0.0346	136	66
40.0000	*	.	.	.	136	65
40.0000	*	.	.	.	136	64
40.0000	*	.	.	.	136	63
41.0000		.	.	.	137	62
41.0000		.	.	.	138	61
41.0000		.	.	.	139	60
41.0000		0.4841	0.5159	0.0361	140	59
41.0000	*	.	.	.	140	58
41.0000	*	.	.	.	140	57
41.0000	*	.	.	.	140	56
41.0000	*	.	.	.	140	55
41.0000	*	.	.	.	140	54
41.0000	*	.	.	.	140	53
41.0000	*	.	.	.	140	52
42.0000		.	.	.	141	51
42.0000		.	.	.	142	50

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
42.0000		0.4562	0.5438	0.0375	143	49
42.0000	*	.	.	.	143	48
42.0000	*	.	.	.	143	47
42.0000	*	.	.	.	143	46
42.0000	*	.	.	.	143	45
42.0000	*	.	.	.	143	44
42.0000	*	.	.	.	143	43
42.0000	*	.	.	.	143	42
43.0000		0.4453	0.5547	0.0381	144	41
43.0000	*	.	.	.	144	40
43.0000	*	.	.	.	144	39
43.0000	*	.	.	.	144	38
43.0000	*	.	.	.	144	37
43.0000	*	.	.	.	144	36
44.0000		0.4330	0.5670	0.0390	145	35
44.0000	*	.	.	.	145	34
44.0000	*	.	.	.	145	33
44.0000	*	.	.	.	145	32
44.0000	*	.	.	.	145	31
44.0000	*	.	.	.	145	30
44.0000	*	.	.	.	145	29
45.0000		.	.	.	146	28
45.0000		.	.	.	147	27
45.0000		0.3882	0.6118	0.0427	148	26
45.0000	*	.	.	.	148	25
45.0000	*	.	.	.	148	24
45.0000	*	.	.	.	148	23
45.0000	*	.	.	.	148	22
45.0000	*	.	.	.	148	21
46.0000	*	.	.	.	148	20
46.0000	*	.	.	.	148	19
46.0000	*	.	.	.	148	18
47.0000		.	.	.	149	17
47.0000		.	.	.	150	16
47.0000		0.3235	0.6765	0.0493	151	15
47.0000	*	.	.	.	151	14
47.0000	*	.	.	.	151	13
48.0000		.	.	.	152	12
48.0000		.	.	.	153	11
48.0000		0.2488	0.7512	0.0535	154	10
48.0000	*	.	.	.	154	9
48.0000	*	.	.	.	154	8
48.0000	*	.	.	.	154	7
49.0000		0.2133	0.7867	0.0565	155	6
49.0000	*	.	.	.	155	5
50.0000	*	.	.	.	155	4
50.0000	*	.	.	.	155	3
51.0000	*	.	.	.	155	2
52.0000		0.1066	0.8934	0.0805	156	1
54.0000	*	.	.	.	156	0

Note: The marked survival times are censored observations.

Summary Statistics for Time Variable Followup_Days

Quartile Estimates				
Percent	Point Estimate	95% Confidence Interval		
		Transform	[Lower	Upper)
75	48.0000	LOGLOG	47.0000	.
50	41.0000	LOGLOG	39.0000	45.0000
25	33.0000	LOGLOG	30.0000	34.0000

Mean	Standard Error
39.5857	0.6715

Note: The mean survival time and its standard error were underestimated because the largest observation was censored and the estimation was restricted to the largest event time.

Kaplan-Meier Survival Curve: Time to Non-Adherence by Gender

The LIFETEST Procedure

Stratum 2: Gender = Male

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.0000		1.0000	0	0	0	520
1.0000	*	.	.	.	0	519
6.0000	*	.	.	.	0	518
8.0000	*	.	.	.	0	517
8.0000	*	.	.	.	0	516
10.0000		0.9981	0.00194	0.00194	1	515
10.0000	*	.	.	.	1	514
11.0000		0.9961	0.00388	0.00274	2	513
11.0000	*	.	.	.	2	512
11.0000	*	.	.	.	2	511
12.0000	*	.	.	.	2	510
13.0000		.	.	.	3	509
13.0000		0.9922	0.00779	0.00388	4	508
13.0000	*	.	.	.	4	507
13.0000	*	.	.	.	4	506
14.0000		.	.	.	5	505
14.0000		0.9883	0.0117	0.00475	6	504
14.0000	*	.	.	.	6	503
14.0000	*	.	.	.	6	502
14.0000	*	.	.	.	6	501
14.0000	*	.	.	.	6	500
14.0000	*	.	.	.	6	499
15.0000		.	.	.	7	498
15.0000		0.9843	0.0157	0.00550	8	497
15.0000	*	.	.	.	8	496
15.0000	*	.	.	.	8	495
15.0000	*	.	.	.	8	494
15.0000	*	.	.	.	8	493
16.0000		.	.	.	9	492

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
16.0000		.	.	.	10	491
16.0000		0.9783	0.0217	0.00646	11	490
16.0000	*	.	.	.	11	489
16.0000	*	.	.	.	11	488
16.0000	*	.	.	.	11	487
16.0000	*	.	.	.	11	486
16.0000	*	.	.	.	11	485
17.0000		.	.	.	12	484
17.0000		0.9743	0.0257	0.00704	13	483
17.0000	*	.	.	.	13	482
17.0000	*	.	.	.	13	481
17.0000	*	.	.	.	13	480
17.0000	*	.	.	.	13	479
17.0000	*	.	.	.	13	478
18.0000		.	.	.	14	477
18.0000		.	.	.	15	476
18.0000		.	.	.	16	475
18.0000		0.9662	0.0338	0.00807	17	474
18.0000	*	.	.	.	17	473
18.0000	*	.	.	.	17	472
18.0000	*	.	.	.	17	471
18.0000	*	.	.	.	17	470
18.0000	*	.	.	.	17	469
18.0000	*	.	.	.	17	468
18.0000	*	.	.	.	17	467
18.0000	*	.	.	.	17	466
18.0000	*	.	.	.	17	465
18.0000	*	.	.	.	17	464
18.0000	*	.	.	.	17	463
19.0000		.	.	.	18	462
19.0000		.	.	.	19	461
19.0000		.	.	.	20	460
19.0000		.	.	.	21	459
19.0000		0.9557	0.0443	0.00924	22	458
19.0000	*	.	.	.	22	457
19.0000	*	.	.	.	22	456
19.0000	*	.	.	.	22	455
19.0000	*	.	.	.	22	454
19.0000	*	.	.	.	22	453
19.0000	*	.	.	.	22	452
19.0000	*	.	.	.	22	451
20.0000		.	.	.	23	450
20.0000		.	.	.	24	449
20.0000		.	.	.	25	448
20.0000		0.9472	0.0528	0.0101	26	447
20.0000	*	.	.	.	26	446
20.0000	*	.	.	.	26	445
20.0000	*	.	.	.	26	444
20.0000	*	.	.	.	26	443
20.0000	*	.	.	.	26	442
20.0000	*	.	.	.	26	441

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
20.0000	*	.	.	.	26	440
21.0000		.	.	.	27	439
21.0000		.	.	.	28	438
21.0000		.	.	.	29	437
21.0000		0.9386	0.0614	0.0109	30	436
21.0000	*	.	.	.	30	435
21.0000	*	.	.	.	30	434
21.0000	*	.	.	.	30	433
21.0000	*	.	.	.	30	432
21.0000	*	.	.	.	30	431
21.0000	*	.	.	.	30	430
21.0000	*	.	.	.	30	429
21.0000	*	.	.	.	30	428
22.0000		.	.	.	31	427
22.0000		.	.	.	32	426
22.0000		.	.	.	33	425
22.0000		.	.	.	34	424
22.0000		0.9277	0.0723	0.0118	35	423
22.0000	*	.	.	.	35	422
22.0000	*	.	.	.	35	421
22.0000	*	.	.	.	35	420
22.0000	*	.	.	.	35	419
22.0000	*	.	.	.	35	418
22.0000	*	.	.	.	35	417
22.0000	*	.	.	.	35	416
23.0000		.	.	.	36	415
23.0000		.	.	.	37	414
23.0000		.	.	.	38	413
23.0000		.	.	.	39	412
23.0000		.	.	.	40	411
23.0000		.	.	.	41	410
23.0000		0.9121	0.0879	0.0130	42	409
23.0000	*	.	.	.	42	408
23.0000	*	.	.	.	42	407
23.0000	*	.	.	.	42	406
23.0000	*	.	.	.	42	405
23.0000	*	.	.	.	42	404
23.0000	*	.	.	.	42	403
23.0000	*	.	.	.	42	402
23.0000	*	.	.	.	42	401
23.0000	*	.	.	.	42	400
23.0000	*	.	.	.	42	399
23.0000	*	.	.	.	42	398
23.0000	*	.	.	.	42	397
23.0000	*	.	.	.	42	396
23.0000	*	.	.	.	42	395
23.0000	*	.	.	.	42	394
24.0000		.	.	.	43	393
24.0000		.	.	.	44	392
24.0000		.	.	.	45	391
24.0000		.	.	.	46	390

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
24.0000		.	.	.	47	389
24.0000		.	.	.	48	388
24.0000		.	.	.	49	387
24.0000		.	.	.	50	386
24.0000		0.8912	0.1088	0.0144	51	385
24.0000	*	.	.	.	51	384
24.0000	*	.	.	.	51	383
24.0000	*	.	.	.	51	382
24.0000	*	.	.	.	51	381
24.0000	*	.	.	.	51	380
24.0000	*	.	.	.	51	379
24.0000	*	.	.	.	51	378
24.0000	*	.	.	.	51	377
24.0000	*	.	.	.	51	376
24.0000	*	.	.	.	51	375
24.0000	*	.	.	.	51	374
24.0000	*	.	.	.	51	373
24.0000	*	.	.	.	51	372
24.0000	*	.	.	.	51	371
25.0000		.	.	.	52	370
25.0000		.	.	.	53	369
25.0000		.	.	.	54	368
25.0000		.	.	.	55	367
25.0000		.	.	.	56	366
25.0000		.	.	.	57	365
25.0000		.	.	.	58	364
25.0000		0.8720	0.1280	0.0156	59	363
25.0000	*	.	.	.	59	362
25.0000	*	.	.	.	59	361
25.0000	*	.	.	.	59	360
25.0000	*	.	.	.	59	359
25.0000	*	.	.	.	59	358
25.0000	*	.	.	.	59	357
25.0000	*	.	.	.	59	356
25.0000	*	.	.	.	59	355
25.0000	*	.	.	.	59	354
26.0000		.	.	.	60	353
26.0000		.	.	.	61	352
26.0000		.	.	.	62	351
26.0000		.	.	.	63	350
26.0000		.	.	.	64	349
26.0000		.	.	.	65	348
26.0000		.	.	.	66	347
26.0000		0.8523	0.1477	0.0168	67	346
26.0000	*	.	.	.	67	345
26.0000	*	.	.	.	67	344
26.0000	*	.	.	.	67	343
26.0000	*	.	.	.	67	342
26.0000	*	.	.	.	67	341
26.0000	*	.	.	.	67	340
26.0000	*	.	.	.	67	339

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
26.0000	*	.	.	.	67	338
26.0000	*	.	.	.	67	337
26.0000	*	.	.	.	67	336
26.0000	*	.	.	.	67	335
27.0000		.	.	.	68	334
27.0000		.	.	.	69	333
27.0000		.	.	.	70	332
27.0000		.	.	.	71	331
27.0000		.	.	.	72	330
27.0000		0.8370	0.1630	0.0176	73	329
27.0000	*	.	.	.	73	328
27.0000	*	.	.	.	73	327
27.0000	*	.	.	.	73	326
27.0000	*	.	.	.	73	325
27.0000	*	.	.	.	73	324
27.0000	*	.	.	.	73	323
27.0000	*	.	.	.	73	322
27.0000	*	.	.	.	73	321
27.0000	*	.	.	.	73	320
27.0000	*	.	.	.	73	319
27.0000	*	.	.	.	73	318
27.0000	*	.	.	.	73	317
28.0000		.	.	.	74	316
28.0000		.	.	.	75	315
28.0000		.	.	.	76	314
28.0000		.	.	.	77	313
28.0000		.	.	.	78	312
28.0000		.	.	.	79	311
28.0000		.	.	.	80	310
28.0000		0.8159	0.1841	0.0187	81	309
28.0000	*	.	.	.	81	308
28.0000	*	.	.	.	81	307
28.0000	*	.	.	.	81	306
28.0000	*	.	.	.	81	305
28.0000	*	.	.	.	81	304
28.0000	*	.	.	.	81	303
28.0000	*	.	.	.	81	302
28.0000	*	.	.	.	81	301
28.0000	*	.	.	.	81	300
28.0000	*	.	.	.	81	299
28.0000	*	.	.	.	81	298
28.0000	*	.	.	.	81	297
28.0000	*	.	.	.	81	296
28.0000	*	.	.	.	81	295
28.0000	*	.	.	.	81	294
28.0000	*	.	.	.	81	293
29.0000		.	.	.	82	292
29.0000		.	.	.	83	291
29.0000		.	.	.	84	290
29.0000		.	.	.	85	289
29.0000		.	.	.	86	288

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
29.0000		.	.	.	87	287
29.0000		.	.	.	88	286
29.0000		0.7936	0.2064	0.0197	89	285
29.0000	*	.	.	.	89	284
29.0000	*	.	.	.	89	283
29.0000	*	.	.	.	89	282
29.0000	*	.	.	.	89	281
29.0000	*	.	.	.	89	280
29.0000	*	.	.	.	89	279
29.0000	*	.	.	.	89	278
29.0000	*	.	.	.	89	277
29.0000	*	.	.	.	89	276
29.0000	*	.	.	.	89	275
29.0000	*	.	.	.	89	274
29.0000	*	.	.	.	89	273
30.0000		.	.	.	90	272
30.0000		.	.	.	91	271
30.0000		.	.	.	92	270
30.0000		0.7820	0.2180	0.0203	93	269
30.0000	*	.	.	.	93	268
30.0000	*	.	.	.	93	267
30.0000	*	.	.	.	93	266
30.0000	*	.	.	.	93	265
30.0000	*	.	.	.	93	264
30.0000	*	.	.	.	93	263
30.0000	*	.	.	.	93	262
30.0000	*	.	.	.	93	261
30.0000	*	.	.	.	93	260
31.0000		.	.	.	94	259
31.0000		.	.	.	95	258
31.0000		.	.	.	96	257
31.0000		.	.	.	97	256
31.0000		.	.	.	98	255
31.0000		.	.	.	99	254
31.0000		.	.	.	100	253
31.0000		0.7579	0.2421	0.0214	101	252
31.0000	*	.	.	.	101	251
31.0000	*	.	.	.	101	250
31.0000	*	.	.	.	101	249
31.0000	*	.	.	.	101	248
31.0000	*	.	.	.	101	247
31.0000	*	.	.	.	101	246
31.0000	*	.	.	.	101	245
31.0000	*	.	.	.	101	244
31.0000	*	.	.	.	101	243
31.0000	*	.	.	.	101	242
31.0000	*	.	.	.	101	241
31.0000	*	.	.	.	101	240
31.0000	*	.	.	.	101	239
31.0000	*	.	.	.	101	238
32.0000		.	.	.	102	237

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
32.0000		.	.	.	103	236
32.0000		.	.	.	104	235
32.0000		.	.	.	105	234
32.0000		.	.	.	106	233
32.0000		.	.	.	107	232
32.0000		.	.	.	108	231
32.0000		.	.	.	109	230
32.0000		0.7293	0.2707	0.0226	110	229
32.0000	*	.	.	.	110	228
32.0000	*	.	.	.	110	227
32.0000	*	.	.	.	110	226
32.0000	*	.	.	.	110	225
32.0000	*	.	.	.	110	224
32.0000	*	.	.	.	110	223
32.0000	*	.	.	.	110	222
32.0000	*	.	.	.	110	221
32.0000	*	.	.	.	110	220
32.0000	*	.	.	.	110	219
32.0000	*	.	.	.	110	218
32.0000	*	.	.	.	110	217
32.0000	*	.	.	.	110	216
32.0000	*	.	.	.	110	215
32.0000	*	.	.	.	110	214
32.0000	*	.	.	.	110	213
33.0000		.	.	.	111	212
33.0000		.	.	.	112	211
33.0000		.	.	.	113	210
33.0000		.	.	.	114	209
33.0000		.	.	.	115	208
33.0000		.	.	.	116	207
33.0000		.	.	.	117	206
33.0000		.	.	.	118	205
33.0000		.	.	.	119	204
33.0000		.	.	.	120	203
33.0000		.	.	.	121	202
33.0000		.	.	.	122	201
33.0000		0.6848	0.3152	0.0244	123	200
33.0000	*	.	.	.	123	199
33.0000	*	.	.	.	123	198
33.0000	*	.	.	.	123	197
33.0000	*	.	.	.	123	196
33.0000	*	.	.	.	123	195
33.0000	*	.	.	.	123	194
33.0000	*	.	.	.	123	193
33.0000	*	.	.	.	123	192
33.0000	*	.	.	.	123	191
34.0000		.	.	.	124	190
34.0000		.	.	.	125	189
34.0000		.	.	.	126	188
34.0000		.	.	.	127	187
34.0000		.	.	.	128	186

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
34.0000		0.6633	0.3367	0.0251	129	185
34.0000	*	.	.	.	129	184
34.0000	*	.	.	.	129	183
34.0000	*	.	.	.	129	182
34.0000	*	.	.	.	129	181
34.0000	*	.	.	.	129	180
34.0000	*	.	.	.	129	179
34.0000	*	.	.	.	129	178
34.0000	*	.	.	.	129	177
34.0000	*	.	.	.	129	176
34.0000	*	.	.	.	129	175
34.0000	*	.	.	.	129	174
35.0000		.	.	.	130	173
35.0000		.	.	.	131	172
35.0000		.	.	.	132	171
35.0000		.	.	.	133	170
35.0000		.	.	.	134	169
35.0000		.	.	.	135	168
35.0000		.	.	.	136	167
35.0000		.	.	.	137	166
35.0000		0.6290	0.3710	0.0263	138	165
35.0000	*	.	.	.	138	164
35.0000	*	.	.	.	138	163
35.0000	*	.	.	.	138	162
35.0000	*	.	.	.	138	161
35.0000	*	.	.	.	138	160
35.0000	*	.	.	.	138	159
35.0000	*	.	.	.	138	158
35.0000	*	.	.	.	138	157
35.0000	*	.	.	.	138	156
35.0000	*	.	.	.	138	155
35.0000	*	.	.	.	138	154
36.0000		.	.	.	139	153
36.0000		.	.	.	140	152
36.0000		.	.	.	141	151
36.0000		.	.	.	142	150
36.0000		.	.	.	143	149
36.0000		.	.	.	144	148
36.0000		.	.	.	145	147
36.0000		0.5963	0.4037	0.0274	146	146
36.0000	*	.	.	.	146	145
36.0000	*	.	.	.	146	144
36.0000	*	.	.	.	146	143
36.0000	*	.	.	.	146	142
36.0000	*	.	.	.	146	141
36.0000	*	.	.	.	146	140
36.0000	*	.	.	.	146	139
36.0000	*	.	.	.	146	138
36.0000	*	.	.	.	146	137
36.0000	*	.	.	.	146	136
36.0000	*	.	.	.	146	135

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
36.0000	*	.	.	.	146	134
36.0000	*	.	.	.	146	133
36.0000	*	.	.	.	146	132
37.0000		.	.	.	147	131
37.0000		.	.	.	148	130
37.0000		.	.	.	149	129
37.0000		.	.	.	150	128
37.0000		.	.	.	151	127
37.0000		0.5692	0.4308	0.0283	152	126
37.0000	*	.	.	.	152	125
37.0000	*	.	.	.	152	124
37.0000	*	.	.	.	152	123
37.0000	*	.	.	.	152	122
37.0000	*	.	.	.	152	121
37.0000	*	.	.	.	152	120
37.0000	*	.	.	.	152	119
37.0000	*	.	.	.	152	118
37.0000	*	.	.	.	152	117
37.0000	*	.	.	.	152	116
37.0000	*	.	.	.	152	115
37.0000	*	.	.	.	152	114
37.0000	*	.	.	.	152	113
38.0000		.	.	.	153	112
38.0000		.	.	.	154	111
38.0000		.	.	.	155	110
38.0000		0.5490	0.4510	0.0290	156	109
38.0000	*	.	.	.	156	108
38.0000	*	.	.	.	156	107
38.0000	*	.	.	.	156	106
38.0000	*	.	.	.	156	105
38.0000	*	.	.	.	156	104
38.0000	*	.	.	.	156	103
38.0000	*	.	.	.	156	102
38.0000	*	.	.	.	156	101
38.0000	*	.	.	.	156	100
38.0000	*	.	.	.	156	99
39.0000		.	.	.	157	98
39.0000		.	.	.	158	97
39.0000		.	.	.	159	96
39.0000		.	.	.	160	95
39.0000		.	.	.	161	94
39.0000		.	.	.	162	93
39.0000		.	.	.	163	92
39.0000		.	.	.	164	91
39.0000		0.4991	0.5009	0.0308	165	90
39.0000	*	.	.	.	165	89
39.0000	*	.	.	.	165	88
39.0000	*	.	.	.	165	87
39.0000	*	.	.	.	165	86
39.0000	*	.	.	.	165	85
39.0000	*	.	.	.	165	84

Product-Limit Survival Estimates						
Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
39.0000	*	.	.	.	165	83
39.0000	*	.	.	.	165	82
40.0000		.	.	.	166	81
40.0000		.	.	.	167	80
40.0000		.	.	.	168	79
40.0000		.	.	.	169	78
40.0000		0.4687	0.5313	0.0318	170	77
40.0000	*	.	.	.	170	76
40.0000	*	.	.	.	170	75
40.0000	*	.	.	.	170	74
40.0000	*	.	.	.	170	73
40.0000	*	.	.	.	170	72
40.0000	*	.	.	.	170	71
40.0000	*	.	.	.	170	70
40.0000	*	.	.	.	170	69
40.0000	*	.	.	.	170	68
40.0000	*	.	.	.	170	67
40.0000	*	.	.	.	170	66
40.0000	*	.	.	.	170	65
41.0000		.	.	.	171	64
41.0000		.	.	.	172	63
41.0000		.	.	.	173	62
41.0000		.	.	.	174	61
41.0000		0.4326	0.5674	0.0332	175	60
41.0000	*	.	.	.	175	59
41.0000	*	.	.	.	175	58
41.0000	*	.	.	.	175	57
41.0000	*	.	.	.	175	56
41.0000	*	.	.	.	175	55
41.0000	*	.	.	.	175	54
41.0000	*	.	.	.	175	53
42.0000		0.4245	0.5755	0.0335	176	52
42.0000	*	.	.	.	176	51
42.0000	*	.	.	.	176	50
42.0000	*	.	.	.	176	49
42.0000	*	.	.	.	176	48
42.0000	*	.	.	.	176	47
42.0000	*	.	.	.	176	46
42.0000	*	.	.	.	176	45
43.0000		0.4150	0.5850	0.0341	177	44
43.0000	*	.	.	.	177	43
43.0000	*	.	.	.	177	42
43.0000	*	.	.	.	177	41
43.0000	*	.	.	.	177	40
44.0000	*	.	.	.	177	39
44.0000	*	.	.	.	177	38
44.0000	*	.	.	.	177	37
44.0000	*	.	.	.	177	36
44.0000	*	.	.	.	177	35
44.0000	*	.	.	.	177	34
45.0000		.	.	.	178	33

Product-Limit Survival Estimates

Followup_Days		Survival	Failure	Survival Standard Error	Number Failed	Number Left
45.0000		.	.	.	179	32
45.0000		.	.	.	180	31
45.0000		0.3662	0.6338	0.0378	181	30
45.0000	*	.	.	.	181	29
45.0000	*	.	.	.	181	28
45.0000	*	.	.	.	181	27
45.0000	*	.	.	.	181	26
45.0000	*	.	.	.	181	25
45.0000	*	.	.	.	181	24
46.0000	*	.	.	.	181	23
47.0000		0.3503	0.6497	0.0394	182	22
47.0000	*	.	.	.	182	21
47.0000	*	.	.	.	182	20
48.0000		0.3328	0.6672	0.0411	183	19
48.0000	*	.	.	.	183	18
49.0000		.	.	.	184	17
49.0000		0.2958	0.7042	0.0441	185	16
49.0000	*	.	.	.	185	15
50.0000		.	.	.	186	14
50.0000		0.2564	0.7436	0.0462	187	13
51.0000	*	.	.	.	187	12
52.0000		0.2350	0.7650	0.0470	188	11
52.0000	*	.	.	.	188	10
52.0000	*	.	.	.	188	9
52.0000	*	.	.	.	188	8
52.0000	*	.	.	.	188	7
52.0000	*	.	.	.	188	6
53.0000	*	.	.	.	188	5
53.0000	*	.	.	.	188	4
54.0000	*	.	.	.	188	3
55.0000		.	.	.	189	2
55.0000		0.0783	0.9217	0.0659	190	1
56.0000	*	.	.	.	190	0

Note: The marked survival times are censored observations.

Summary Statistics for Time Variable Followup_Days

Quartile Estimates

Percent	Point Estimate	95% Confidence Interval		
		Transform	[Lower	Upper)
75	52.0000	LOGLOG	49.0000	.
50	39.0000	LOGLOG	38.0000	41.0000
25	32.0000	LOGLOG	30.0000	33.0000

Mean	Standard Error
40.1620	0.7094

Note: The mean survival time and its standard error were underestimated because the largest observation was censored and the estimation was restricted to the largest event time.

Summary of the Number of Censored and Uncensored Values					
Stratum	Gender	Total	Failed	Censored	Percent Censored
1	Female	477	156	321	67.30
2	Male	520	190	330	63.46
Total		997	346	651	65.30

Note: 3 observations with invalid time, censoring, or strata values were deleted.

Kaplan-Meier Survival Curve: Time to Non-Adherence by Gender

The LIFETEST Procedure

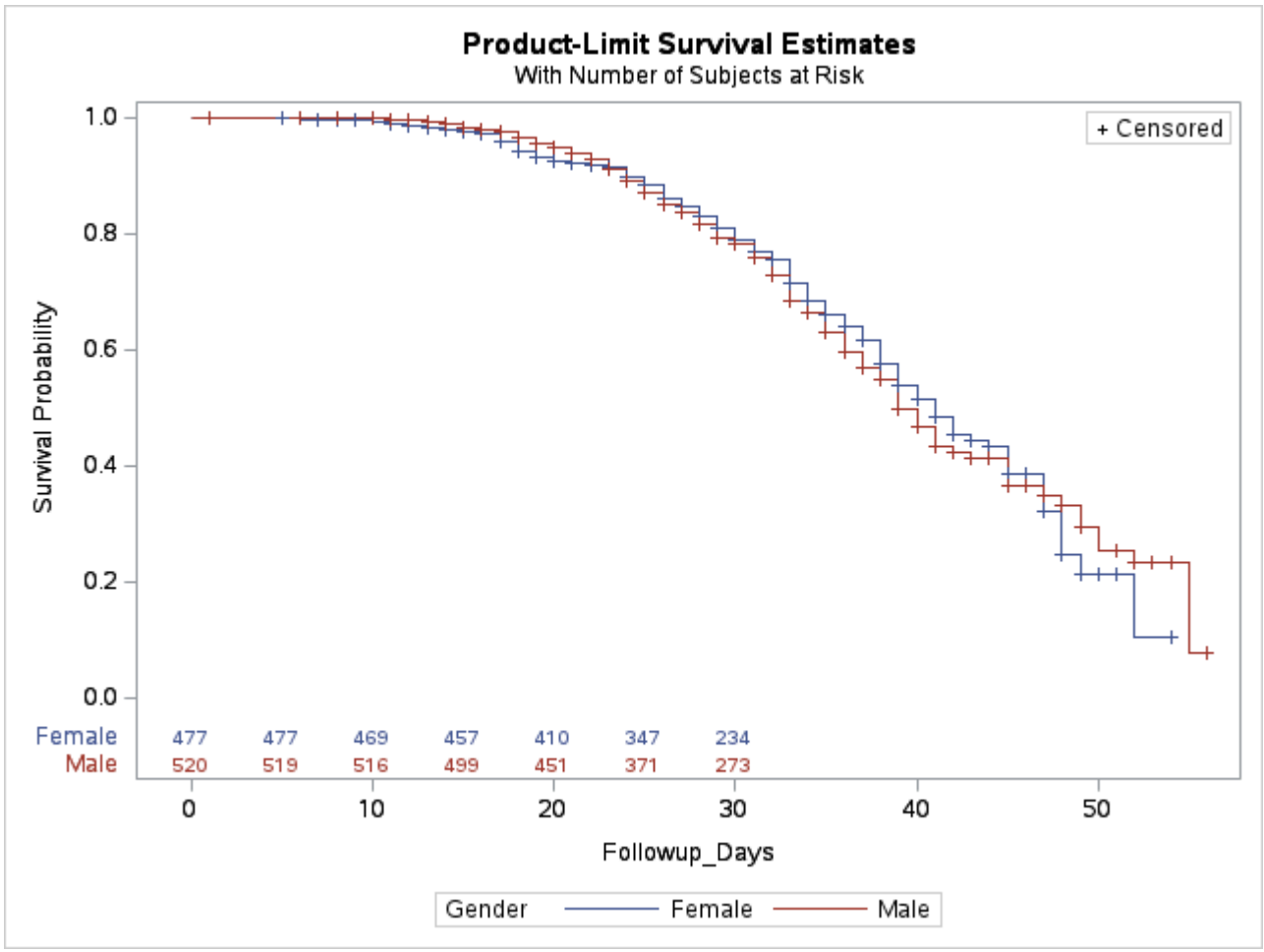
Testing Homogeneity of Survival Curves for Followup_Days over Strata

Rank Statistics		
Gender	Log-Rank	Wilcoxon
Female	-3.4737	-2208.0
Male	3.4737	2208.0

Covariance Matrix for the Log-Rank Statistics		
Gender	Female	Male
Female	82.4539	-82.4539
Male	-82.4539	82.4539

Covariance Matrix for the Wilcoxon Statistics		
Gender	Female	Male
Female	29445266	-2.945E7
Male	-2.945E7	29445266

Test of Equality over Strata			
Test	Chi-Square	DF	Pr > Chi-Square
Log-Rank	0.1463	1	0.7021
Wilcoxon	0.1656	1	0.6841
-2Log(LR)	0.7414	1	0.3892



Cox Regression Model for Predicting Non-Adherence Risk

The PHREG Procedure

Model Information	
Data Set	WORK.PHARMACY_SURV
Dependent Variable	Followup_Days
Censoring Variable	Event
Censoring Value(s)	0
Ties Handling	BRESLOW

Number of Observations Read	1000
Number of Observations Used	997

Class Level Information		
Class	Value	Design Variables
Gender	Female	1
	Male	0

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
997	346	651	65.30

Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	4125.710	3779.069
AIC	4125.710	3787.069
SBC	4125.710	3802.455

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	346.6405	4	<.0001
Score	412.0623	4	<.0001
Wald	374.9398	4	<.0001

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
Age	1	2.5695	0.1089
Gender	1	0.0004	0.9838
MPR	1	371.8892	<.0001
Refill_Interval	1	4.8758	0.0272

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
Age		1	-0.00508	0.00317	2.5695	0.1089	0.995	
Gender	Female	1	0.00222	0.10923	0.0004	0.9838	1.002	Gender Female
MPR		1	-6.62633	0.34361	371.8892	<.0001	0.001	
Refill_Interval		1	-0.02338	0.01059	4.8758	0.0272	0.977	