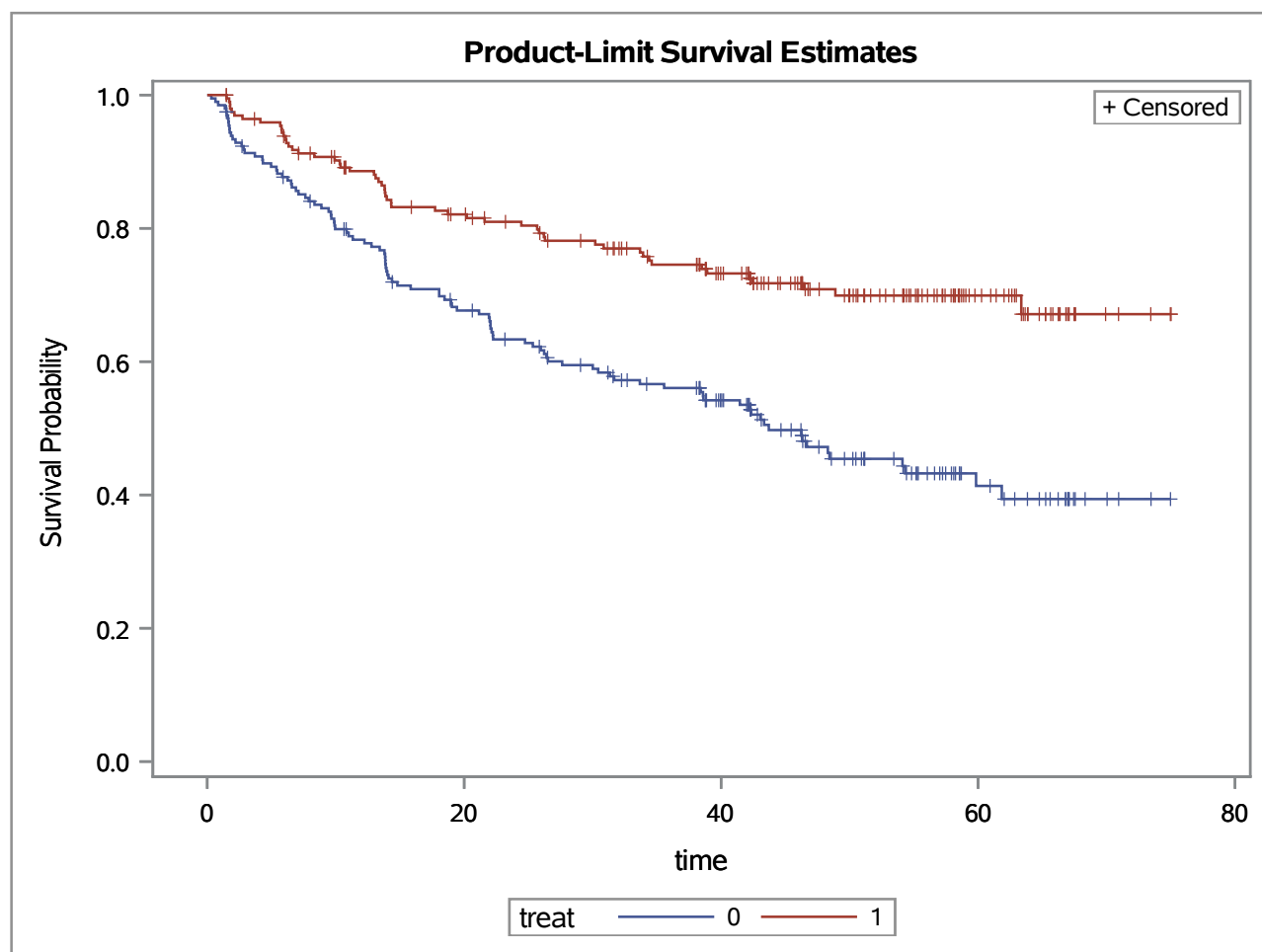


# Comparison of treatment ignoring cluster effect

## The LIFETEST Procedure

Summary of the Number of Censored and Uncensored Values					
Stratum	treat	Total	Failed	Censored	Percent Censored
1	0	197	101	96	48.73
2	1	197	54	143	72.59
Total		394	155	239	60.66

Test of Equality over Strata			
Test	Chi-Square	DF	Pr > Chi-Square
Log-Rank	22.2520	1	<.0001



## The PHREG Procedure

Model Information	
Data Set	SURVIVAL.DIABETES
Dependent Variable	time
Censoring Variable	status
Censoring Value(s)	0
Ties Handling	BRESLOW

Number of Observations Read	394
Number of Observations Used	394

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
394	155	239	60.66

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	1735.902	1713.530
AIC	1735.902	1715.530
SBC	1735.902	1718.573

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	22.3725	1	<.0001
Score	22.2520	1	<.0001
Wald	21.1724	1	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
treat	1	-0.77660	0.16878	21.1724	<.0001	0.460

## The PHREG Procedure

Model Information	
Data Set	SURVIVAL.DIABETES
Dependent Variable	time
Censoring Variable	status
Censoring Value(s)	0
Ties Handling	BRESLOW
Frailty	LOGNORMAL

Number of Observations Read	394
Number of Observations Used	394

## Class Level Information for Random Effects

Class	Levels	Values
id	197	5 14 16 25 29 46 49 56 61 71 100 112 120 127 133 150 167 176 185 190 202 214 220 243 255 264 266 284 295 300 302 315 324 328 335 342 349 357 368 385 396 405 409 419 429 433 445 454 468 480 485 491 503 515 522 538 547 550 554 557 561 568 572 576 581 606 610 615 618 624 631 636 645 653 662 664 683 687 701 706 717 722 731 740 749 757 760 766 769 772 778 780 793 800 804 810 815 832 834 838 857 866 887 903 910 920 925 931 936 945 949 952 962 964 971 978 983 987 1002 1017 1029 1034 1037 1042 1069 1074 1098 1102 1112 1117 1126 1135 1145 1148 1167 1184 1191 1205 1213 1228 1247 1250 1253 1267 1281 1287 1293 1296 1309 1312 1317 1321 1333 1347 1361 1366 1373 1397 1410 1413 1425 1447 1461 1469 1480 1487 1491 1499 1503 1513 1524 1533 1537 1552 1554 1562 1572 1581 1585 1596 1600 1603 1619 1627 1636 1640 1643 1649 1666 1672 1683 1688 1705 1717 1727 1746 1749

## Summary of the Number of Event and Censored Values

Total	Event	Censored	Percent Censored
394	155	239	60.66

## Convergence Status

Convergence criterion (PCONV=0.0001) satisfied.

Marginal Loglikelihood	-851.07605
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## Testing Global Null Hypothesis

Test	Chi-Square	Adjusted DF	Pr > ChiSq
Likelihood Ratio	194.4445	71.86	<.0001
Wald	122.5044	71.86	0.0002

## Covariance Parameter Estimates

Cov Parm	REML Estimate	Standard Error
id	0.7596	0.2060

## The PHREG Procedure

Type 3 Tests					
Effect	Wald Chi-Square	DF	Pr > ChiSq	Adjusted DF	Adjusted Pr > ChiSq
treat	26.4580	1	<.0001	0.9627	<.0001
id	102.6575	.	.	70.8601	0.0081

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
treat	1	-0.89478	0.17395	26.4580	<.0001	0.409