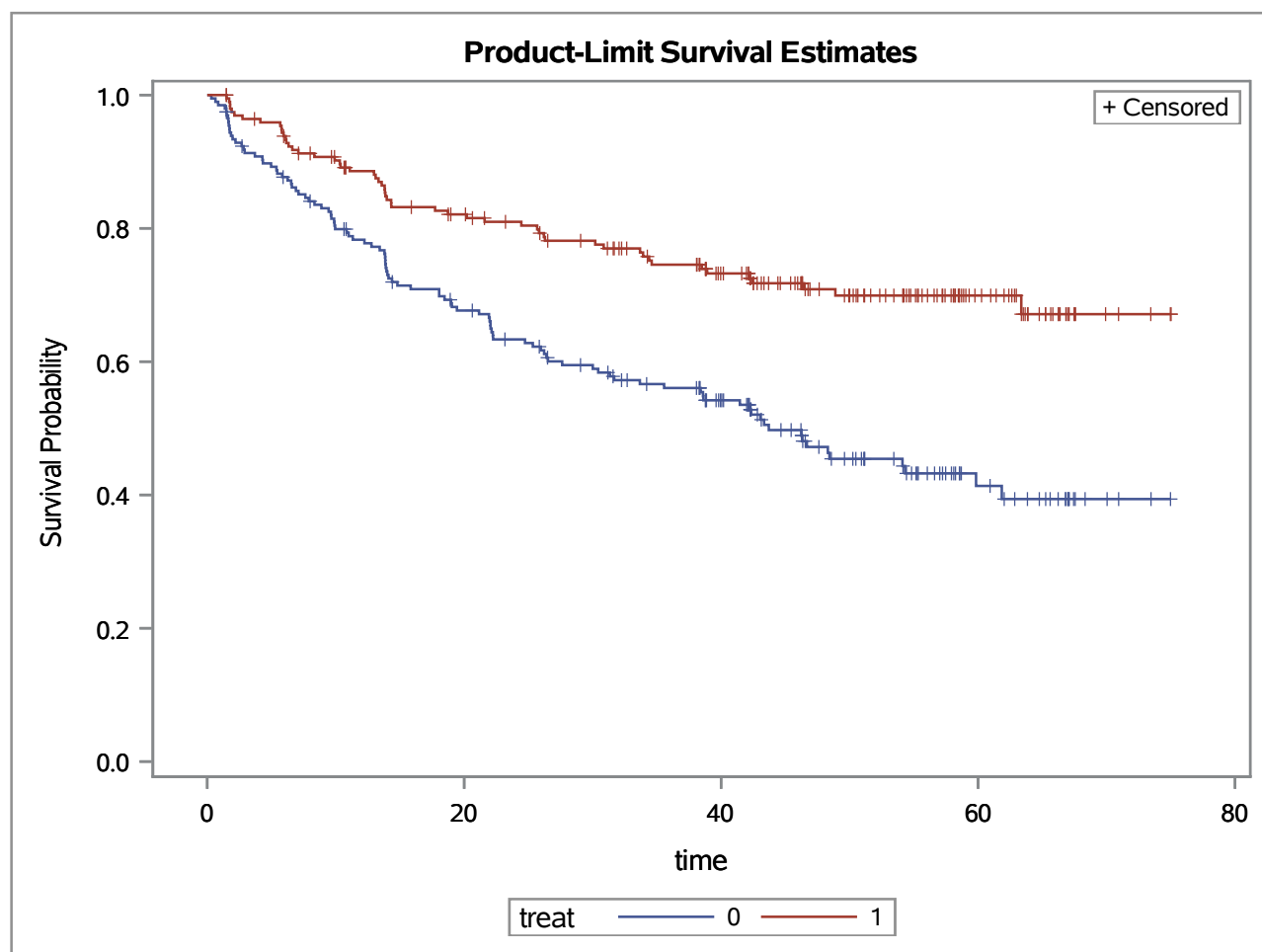


Comparison of treatment ignoring cluster effect

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 |
|------------------------|------------|

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 |