```
  USE ALL.
COMPUTE filter_$=(SURGICAL_COMPLICATION= 0).
VARIABLE LABELS filter_$ 'SURGICAL_COMPLICATION= 0 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE
KM SURVIVAL_DAYSBY GROUP
  /STATUS=DEATH(1)
  /PRINT TABLE MEAN
  /PLOT SURVIVAL
  /TEST LOGRANK
  /COMPARE OVERALL POOLED.
```

## Kaplan-Meier

### Notes

| | | |
|---|---|---|
| Output Created | | 22-MAY-2024 18:34:10 |
| Comments | | |
| Input | Data | C:\Users\Lucas Figueiredo\Desktop\DATA - FINAL.sav |
| | Active Dataset | ConjuntodeDados1 |
| | Filter | SURGICAL_COMPLICATION = 0 (FILTER) |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 56 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the analysis. |
| Syntax | | KM SURVIVAL_DAYS BY GROUP<br>/STATUS=DEATH(1)<br>/PRINT TABLE MEAN<br>/PLOT SURVIVAL<br>/TEST LOGRANK<br>/COMPARE OVERALL POOLED. |
| Resources | Processor Time | 00:00:01,42 |
| | Elapsed Time | 00:00:01,25 |

## Case Processing Summary

| GROUP | Total N | N of Events | Censored | |
|---|---|---|---|---|
| | | | N | Percent |
| Operated group | 29 | 20 | 9 | 31,0% |
| Inoperable group | 27 | 25 | 2 | 7,4% |
| Overall | 56 | 45 | 11 | 19,6% |

## Survival Table

| GROUP | | Time | Status | Cumulative Proportion Surviving at the Time | |
|---|---|---|---|---|---|
| | | | | Estimate | Std. Error |
| Operated group | 1 | 31,000 | Death event | ,966 | ,034 |
| | 2 | 48,000 | Death event | ,931 | ,047 |
| | 3 | 71,000 | Death event | ,897 | ,057 |
| | 4 | 121,000 | Death event | ,862 | ,064 |
| | 5 | 128,000 | Death event | ,828 | ,070 |
| | 6 | 178,000 | Death event | ,793 | ,075 |
| | 7 | 193,000 | Censored data | . | . |
| | 8 | 199,000 | Death event | ,757 | ,080 |
| | 9 | 210,000 | Death event | ,721 | ,084 |
| | 10 | 218,000 | Censored data | . | . |
| | 11 | 230,000 | Death event | ,683 | ,088 |
| | 12 | 255,000 | Censored data | . | . |
| | 13 | 317,000 | Censored data | . | . |
| | 14 | 321,000 | Death event | ,640 | ,092 |
| | 15 | 335,000 | Censored data | . | . |
| | 16 | 338,000 | Death event | ,595 | ,096 |
| | 17 | 345,000 | Death event | ,549 | ,099 |
| | 18 | 424,000 | Death event | ,503 | ,101 |
| | 19 | 428,000 | Death event | ,457 | ,101 |
| | 20 | 533,000 | Censored data | . | . |
| | 21 | 546,000 | Censored data | . | . |
| | 22 | 698,000 | Death event | ,400 | ,104 |
| | 23 | 699,000 | Death event | ,343 | ,103 |
| | 24 | 782,000 | Death event | ,286 | ,101 |
| | 25 | 843,000 | Death event | ,229 | ,095 |

## Survival Table

| GROUP | | N of Cumulative Events | N of Remaining Cases |
|---|---|---|---|
| Operated group | 1 | 1 | 28 |
| | 2 | 2 | 27 |
| | 3 | 3 | 26 |
| | 4 | 4 | 25 |
| | 5 | 5 | 24 |
| | 6 | 6 | 23 |
| | 7 | 6 | 22 |
| | 8 | 7 | 21 |
| | 9 | 8 | 20 |
| | 10 | 8 | 19 |
| | 11 | 9 | 18 |
| | 12 | 9 | 17 |
| | 13 | 9 | 16 |
| | 14 | 10 | 15 |
| | 15 | 10 | 14 |
| | 16 | 11 | 13 |
| | 17 | 12 | 12 |
| | 18 | 13 | 11 |
| | 19 | 14 | 10 |
| | 20 | 14 | 9 |
| | 21 | 14 | 8 |
| | 22 | 15 | 7 |
| | 23 | 16 | 6 |
| | 24 | 17 | 5 |
| | 25 | 18 | 4 |

## Survival Table

| GROUP | | Time | Status | Cumulative Proportion Surviving at the Time | |
|---|---|---|---|---|---|
| | | | | Estimate | Std. Error |
| | 26 | 1083,000 | Censored data | . | . |
| | 27 | 1483,000 | Death event | ,152 | ,089 |
| | 28 | 1677,000 | Death event | ,076 | ,070 |
| | 29 | 2165,000 | Censored data | . | . |
| Inoperable group | 1 | 10,000 | Death event | ,963 | ,036 |
| | 2 | 28,000 | Death event | ,926 | ,050 |
| | 3 | 58,000 | Death event | ,889 | ,060 |
| | 4 | 61,000 | Death event | ,852 | ,068 |
| | 5 | 74,000 | Death event | ,815 | ,075 |
| | 6 | 90,000 | Death event | ,778 | ,080 |
| | 7 | 124,000 | Death event | ,741 | ,084 |
| | 8 | 129,000 | Death event | ,704 | ,088 |
| | 9 | 138,000 | Death event | ,667 | ,091 |
| | 10 | 166,000 | Death event | . | . |
| | 11 | 166,000 | Death event | ,593 | ,095 |
| | 12 | 181,000 | Death event | ,556 | ,096 |
| | 13 | 181,000 | Censored data | . | . |
| | 14 | 189,000 | Death event | ,516 | ,097 |
| | 15 | 210,000 | Censored data | . | . |
| | 16 | 270,000 | Death event | ,473 | ,098 |
| | 17 | 278,000 | Death event | ,430 | ,098 |
| | 18 | 299,000 | Death event | ,387 | ,097 |
| | 19 | 302,000 | Death event | ,344 | ,095 |
| | 20 | 331,000 | Death event | ,301 | ,093 |
| | 21 | 434,000 | Death event | ,258 | ,089 |
| | 22 | 443,000 | Death event | ,215 | ,084 |
| | 23 | 606,000 | Death event | ,172 | ,077 |
| | 24 | 728,000 | Death event | ,129 | ,069 |
| | 25 | 738,000 | Death event | ,086 | ,058 |
| | 26 | 920,000 | Death event | ,043 | ,042 |
| | 27 | 958,000 | Death event | ,000 | ,000 |

## Survival Table

| GROUP | | N of Cumulative Events | N of Remaining Cases |
|---|---|---|---|
| | 26 | 18 | 3 |
| | 27 | 19 | 2 |
| | 28 | 20 | 1 |
| | 29 | 20 | 0 |
| Inoperable group | 1 | 1 | 26 |
| | 2 | 2 | 25 |
| | 3 | 3 | 24 |
| | 4 | 4 | 23 |
| | 5 | 5 | 22 |
| | 6 | 6 | 21 |
| | 7 | 7 | 20 |
| | 8 | 8 | 19 |
| | 9 | 9 | 18 |
| | 10 | 10 | 17 |
| | 11 | 11 | 16 |
| | 12 | 12 | 15 |
| | 13 | 12 | 14 |
| | 14 | 13 | 13 |
| | 15 | 13 | 12 |
| | 16 | 14 | 11 |
| | 17 | 15 | 10 |
| | 18 | 16 | 9 |
| | 19 | 17 | 8 |
| | 20 | 18 | 7 |
| | 21 | 19 | 6 |
| | 22 | 20 | 5 |
| | 23 | 21 | 4 |
| | 24 | 22 | 3 |
| | 25 | 23 | 2 |
| | 26 | 24 | 1 |
| | 27 | 25 | 0 |

## Means and Medians for Survival Time

| | Mean[a] | | | | Median | |
|---|---|---|---|---|---|---|
| | | | 95% Confidence Interval | | | |
| GROUP | Estimate | Std. Error | Lower Bound | Upper Bound | Estimate | Std. Error |
| Operated group | 706,014 | 138,266 | 435,012 | 977,015 | 428,000 | 187,893 |
| Inoperable group | 324,005 | 55,873 | 214,493 | 433,516 | 270,000 | 75,429 |
| Overall | 508,711 | 76,482 | 358,806 | 658,617 | 321,000 | 35,632 |

## Means and Medians for Survival Time

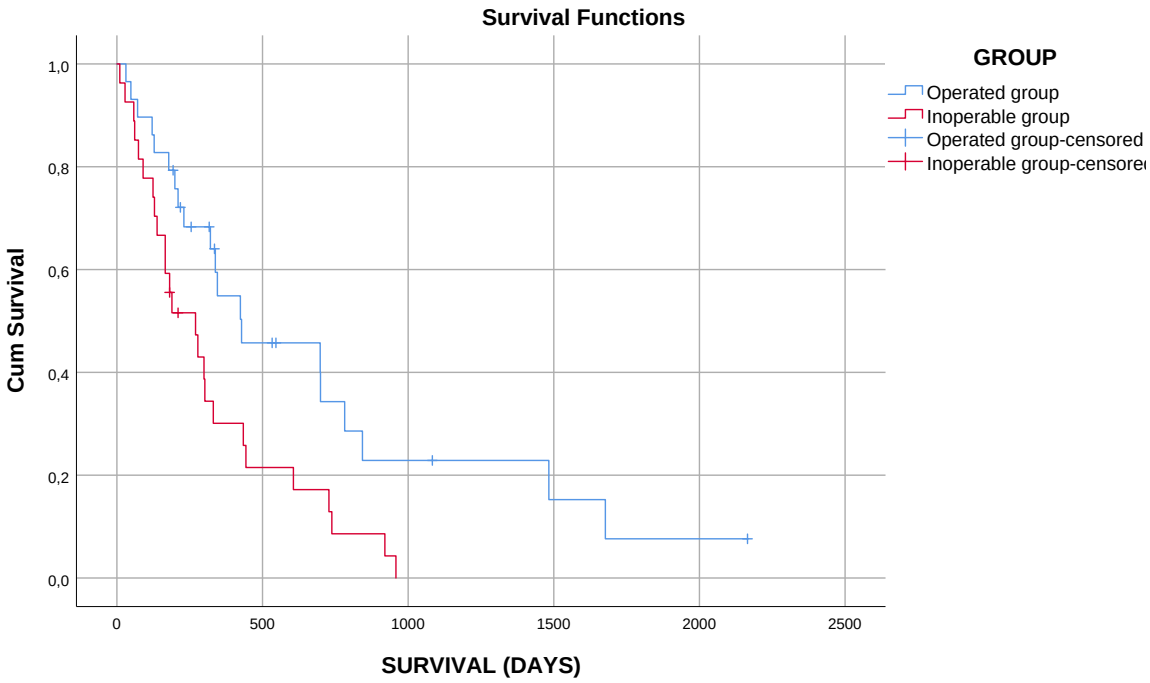
| | Median | |
|---|---|---|
| | 95% Confidence Interval | |
| GROUP | Lower Bound | Upper Bound |
| Operated group | 59,731 | 796,269 |
| Inoperable group | 122,159 | 417,841 |
| Overall | 251,162 | 390,838 |

a. Estimation is limited to the largest survival time if it is censored.

## Overall Comparisons

| | Chi-Square | df | Sig. |
|---|---|---|---|
| Log Rank (Mantel-Cox) | 6,381 | 1 | ,012 |

Test of equality of survival distributions for the different levels of GROUP .



```
  USE ALL.
COMPUTE filter_$=(SURGICAL_COMPLICATION= 0 & GROUP = 1).
VARIABLE LABELS filter_$ 'SURGICAL_COMPLICATION= 0 & GROUP = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE
KM SURVIVAL_DAYSBY PDL1_DIC
  /STATUS=DEATH(1)
  /PRINT TABLE MEAN
  /PLOT SURVIVAL
  /TEST LOGRANK
  /COMPARE OVERALL POOLED.
```

## Kaplan-Meier

**Notes**

| | | |
|---|---|---|
| Output Created | | 22-MAY-2024 18:36:01 |
| Comments | | |
| Input | Data | C:\Users\Lucas Figueiredo\Desktop\DATA - FINAL.sav |
| | Active Dataset | ConjuntodeDados1 |
| | Filter | SURGICAL_COMPLICATION = 0 & GROUP = 1 (FILTER) |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 29 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the analysis. |
| Syntax | | KM SURVIVAL_DAYS BY PDL1_DIC<br>/STATUS=DEATH(1)<br>/PRINT TABLE MEAN<br>/PLOT SURVIVAL<br>/TEST LOGRANK<br>/COMPARE OVERALL POOLED. |
| Resources | Processor Time | 00:00:00,66 |
| | Elapsed Time | 00:00:00,18 |

## Case Processing Summary

| PDL1 DICHOTMOUS | Total N | N of Events | Censored | |
|---|---|---|---|---|
| | | | N | Percent |
| Negative | 21 | 15 | 6 | 28,6% |
| Positive | 8 | 5 | 3 | 37,5% |
| Overall | 29 | 20 | 9 | 31,0% |

## Survival Table

| PDL1 DICHOTMOUS | | Time | Status | Cumulative Proportion Surviving at the Time | | N of Cumulative Events |
|---|---|---|---|---|---|---|
| | | | | Estimate | Std. Error | |
| Negative | 1 | 31,000 | Death event | ,952 | ,046 | 1 |
| | 2 | 121,000 | Death event | ,905 | ,064 | 2 |
| | 3 | 128,000 | Death event | ,857 | ,076 | 3 |
| | 4 | 193,000 | Censored data | . | . | 3 |
| | 5 | 199,000 | Death event | ,807 | ,087 | 4 |
| | 6 | 218,000 | Censored data | . | . | 4 |
| | 7 | 230,000 | Death event | ,753 | ,096 | 5 |
| | 8 | 255,000 | Censored data | . | . | 5 |
| | 9 | 321,000 | Death event | ,695 | ,105 | 6 |
| | 10 | 335,000 | Censored data | . | . | 6 |
| | 11 | 338,000 | Death event | ,632 | ,113 | 7 |
| | 12 | 345,000 | Death event | ,569 | ,118 | 8 |
| | 13 | 428,000 | Death event | ,505 | ,121 | 9 |
| | 14 | 698,000 | Death event | ,442 | ,121 | 10 |
| | 15 | 699,000 | Death event | ,379 | ,119 | 11 |
| | 16 | 782,000 | Death event | ,316 | ,115 | 12 |
| | 17 | 843,000 | Death event | ,253 | ,108 | 13 |
| | 18 | 1083,000 | Censored data | . | . | 13 |
| | 19 | 1483,000 | Death event | ,168 | ,099 | 14 |
| | 20 | 1677,000 | Death event | ,084 | ,078 | 15 |
| | 21 | 2165,000 | Censored data | . | . | 15 |
| Positive | 1 | 48,000 | Death event | ,875 | ,117 | 1 |
| | 2 | 71,000 | Death event | ,750 | ,153 | 2 |
| | 3 | 178,000 | Death event | ,625 | ,171 | 3 |
| | 4 | 210,000 | Death event | ,500 | ,177 | 4 |

## Survival Table

| PDL1 DICHOTMOUS | | N of Remaining Cases |
|---|---|---|
| Negative | 1 | 20 |
| | 2 | 19 |
| | 3 | 18 |
| | 4 | 17 |
| | 5 | 16 |
| | 6 | 15 |
| | 7 | 14 |
| | 8 | 13 |
| | 9 | 12 |
| | 10 | 11 |
| | 11 | 10 |
| | 12 | 9 |
| | 13 | 8 |
| | 14 | 7 |
| | 15 | 6 |
| | 16 | 5 |
| | 17 | 4 |
| | 18 | 3 |
| | 19 | 2 |
| | 20 | 1 |
| | 21 | 0 |
| Positive | 1 | 7 |
| | 2 | 6 |
| | 3 | 5 |
| | 4 | 4 |

## Survival Table

| PDL1 DICHOTMOUS | Time | Status | Cumulative Proportion Surviving at the Time | | N of Cumulative Events |
|---|---|---|---|---|---|
| | | | Estimate | Std. Error | |
| 5 | 317,000 | Censored data | . | . | 4 |
| 6 | 424,000 | Death event | ,333 | ,180 | 5 |
| 7 | 533,000 | Censored data | . | . | 5 |
| 8 | 546,000 | Censored data | . | . | 5 |

## Survival Table

| PDL1 DICHOTMOUS | N of Remaining Cases |
|---|---|
| 5 | 3 |
| 6 | 2 |
| 7 | 1 |
| 8 | 0 |

## Means and Medians for Survival Time

| PDL1 DICHOTMOUS | Mean[a] | | | | Median | |
|---|---|---|---|---|---|---|
| | | | 95% Confidence Interval | | | |
| | Estimate | Std. Error | Lower Bound | Upper Bound | Estimate | Std. Error |
| Negative | 764,073 | 157,841 | 454,704 | 1073,442 | 698,000 | 337,753 |
| Positive | 316,042 | 71,059 | 176,767 | 455,317 | 210,000 | 149,099 |
| Overall | 706,014 | 138,266 | 435,012 | 977,015 | 428,000 | 187,893 |

## Means and Medians for Survival Time

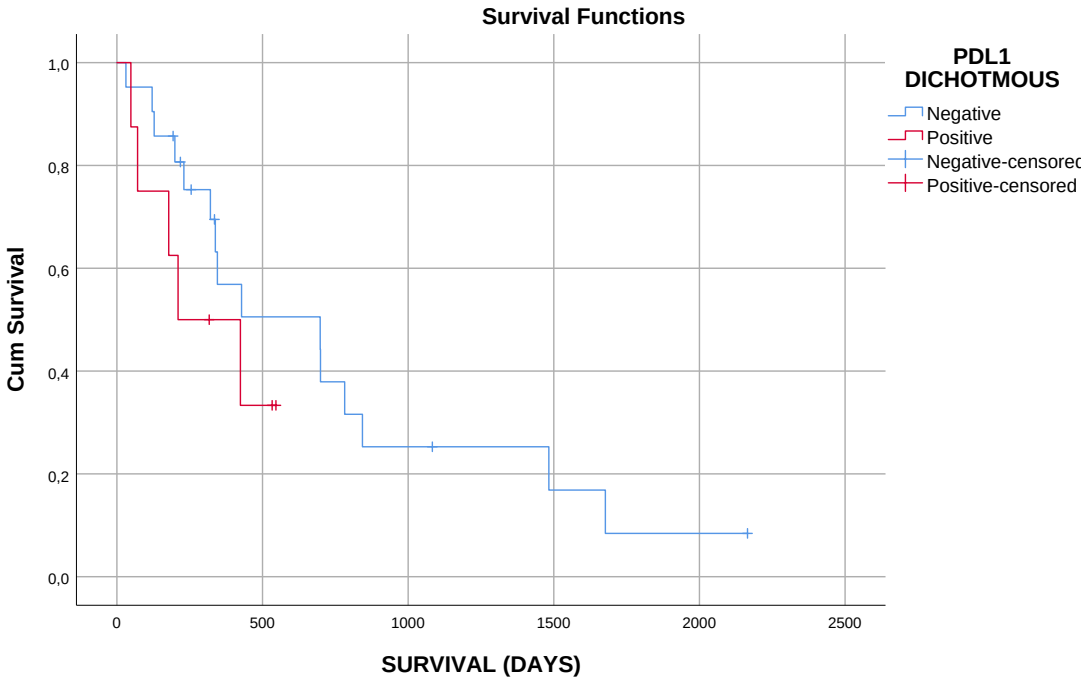
| PDL1 DICHOTMOUS | Median | |
|---|---|---|
| | 95% Confidence Interval | |
| | Lower Bound | Upper Bound |
| Negative | 36,004 | 1359,996 |
| Positive | ,000 | 502,233 |
| Overall | 59,731 | 796,269 |

a. Estimation is limited to the largest survival time if it is censored.

## Overall Comparisons

| | Chi-Square | df | Sig. |
|---|---|---|---|
| Log Rank (Mantel-Cox) | 1,180 | 1 | ,277 |

Test of equality of survival distributions for the different levels of PDL1 DICHOTMOUS.




```
KM SURVIVAL_DAYSBY PDL2_DIC
/STATUS=DEATH(1)
/PRINT TABLE MEAN
/PLOT SURVIVAL
/TEST LOGRANK
/COMPARE OVERALL POOLED.
```

# Kaplan-Meier

## Notes

| | | |
|---|---|---|
| Output Created | | 22-MAY-2024 18:36:54 |
| Comments | | |
| Input | Data | C:\Users\Lucas Figueiredo\Desktop\DATA - FINAL.sav |
| | Active Dataset | ConjuntodeDados1 |
| | Filter | SURGICAL_COMPLICATION = 0 & GROUP = 1 (FILTER) |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 29 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the analysis. |
| Syntax | | KM SURVIVAL_DAYS BY PDL2_DIC<br>/STATUS=DEATH(1)<br>/PRINT TABLE MEAN<br>/PLOT SURVIVAL<br>/TEST LOGRANK<br>/COMPARE OVERALL POOLED. |
| Resources | Processor Time | 00:00:00,27 |
| | Elapsed Time | 00:00:00,14 |

## Case Processing Summary

| | | | Censored | |
|---|---|---|---|---|
| PDL2 DICHOTMOUS | Total N | N of Events | N | Percent |
| Negative | 5 | 2 | 3 | 60,0% |
| Positive | 24 | 18 | 6 | 25,0% |
| Overall | 29 | 20 | 9 | 31,0% |

## Survival Table

| PDL2 DICHOTMOUS | | Time | Status | Cumulative Proportion Surviving at the Time | | N of Cumulative Events |
|---|---|---|---|---|---|---|
| | | | | Estimate | Std. Error | |
| Negative | 1 | 335,000 | Censored data | . | . | 0 |
| | 2 | 698,000 | Death event | ,750 | ,217 | 1 |
| | 3 | 782,000 | Death event | ,500 | ,250 | 2 |
| | 4 | 1083,000 | Censored data | . | . | 2 |
| | 5 | 2165,000 | Censored data | . | . | 2 |
| Positive | 1 | 31,000 | Death event | ,958 | ,041 | 1 |
| | 2 | 48,000 | Death event | ,917 | ,056 | 2 |
| | 3 | 71,000 | Death event | ,875 | ,068 | 3 |
| | 4 | 121,000 | Death event | ,833 | ,076 | 4 |
| | 5 | 128,000 | Death event | ,792 | ,083 | 5 |
| | 6 | 178,000 | Death event | ,750 | ,088 | 6 |
| | 7 | 193,000 | Censored data | . | . | 6 |
| | 8 | 199,000 | Death event | ,706 | ,094 | 7 |
| | 9 | 210,000 | Death event | ,662 | ,098 | 8 |
| | 10 | 218,000 | Censored data | . | . | 8 |
| | 11 | 230,000 | Death event | ,614 | ,101 | 9 |
| | 12 | 255,000 | Censored data | . | . | 9 |
| | 13 | 317,000 | Censored data | . | . | 9 |
| | 14 | 321,000 | Death event | ,559 | ,106 | 10 |
| | 15 | 338,000 | Death event | ,503 | ,109 | 11 |
| | 16 | 345,000 | Death event | ,447 | ,111 | 12 |
| | 17 | 424,000 | Death event | ,391 | ,110 | 13 |
| | 18 | 428,000 | Death event | ,335 | ,108 | 14 |
| | 19 | 533,000 | Censored data | . | . | 14 |
| | 20 | 546,000 | Censored data | . | . | 14 |
| | 21 | 699,000 | Death event | ,251 | ,109 | 15 |
| | 22 | 843,000 | Death event | ,168 | ,100 | 16 |
| | 23 | 1483,000 | Death event | ,084 | ,077 | 17 |
| | 24 | 1677,000 | Death event | ,000 | ,000 | 18 |

## Survival Table

| PDL2 DICHOTMOUS | | N of Remaining Cases |
|---|---|---|
| Negative | 1 | 4 |
| | 2 | 3 |
| | 3 | 2 |
| | 4 | 1 |
| | 5 | 0 |
| Positive | 1 | 23 |
| | 2 | 22 |
| | 3 | 21 |
| | 4 | 20 |
| | 5 | 19 |
| | 6 | 18 |
| | 7 | 17 |
| | 8 | 16 |
| | 9 | 15 |
| | 10 | 14 |
| | 11 | 13 |
| | 12 | 12 |
| | 13 | 11 |
| | 14 | 10 |
| | 15 | 9 |
| | 16 | 8 |
| | 17 | 7 |
| | 18 | 6 |
| | 19 | 5 |
| | 20 | 4 |
| | 21 | 3 |
| | 22 | 2 |
| | 23 | 1 |
| | 24 | 0 |

## Means and Medians for Survival Time

| | Mean[a] | | | | Median | |
|---|---|---|---|---|---|---|
| | | | 95% Confidence Interval | | | |
| PDL2 DICHOTMOUS | Estimate | Std. Error | Lower Bound | Upper Bound | Estimate | Std. Error |
| Negative | 1452,500 | 356,559 | 753,644 | 2151,356 | 782,000 | . |
| Positive | 550,643 | 126,128 | 303,433 | 797,854 | 345,000 | 23,772 |
| Overall | 706,014 | 138,266 | 435,012 | 977,015 | 428,000 | 187,893 |

## Means and Medians for Survival Time

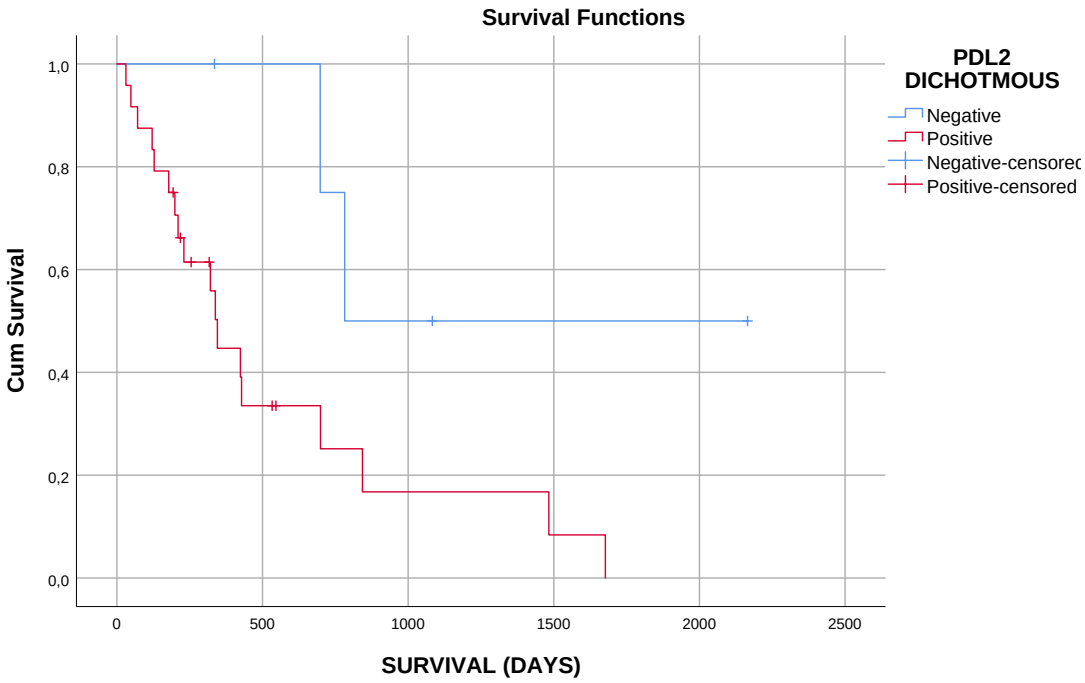
| | Median | |
|---|---|---|
| | 95% Confidence Interval | |
| PDL2 DICHOTMOUS | Lower Bound | Upper Bound |
| Negative | . | . |
| Positive | 298,407 | 391,593 |
| Overall | 59,731 | 796,269 |

a. Estimation is limited to the largest survival time if it is censored.

## Overall Comparisons

| | Chi-Square | df | Sig. |
|---|---|---|---|
| Log Rank (Mantel-Cox) | 4,249 | 1 | ,039 |

Test of equality of survival distributions for the different levels of PDL2 DICHOTMOUS.



```
KM SURVIVAL_DAYSBY HLAG_DIC
/STATUS=DEATH(1)
/PRINT TABLE MEAN
/PLOT SURVIVAL
/TEST LOGRANK
/COMPARE OVERALL POOLED.
```

## Kaplan-Meier

### Notes

| | | |
|---|---|---|
| Output Created | | 22-MAY-2024 18:37:11 |
| Comments | | |
| Input | Data | C:\Users\Lucas Figueiredo\Desktop\DATA - FINAL.sav |
| | Active Dataset | ConjuntodeDados1 |
| | Filter | SURGICAL_COMPLICATION = 0 & GROUP = 1 (FILTER) |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 29 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the analysis. |
| Syntax | | KM SURVIVAL_DAYS BY HLAG_DIC<br>/STATUS=DEATH(1)<br>/PRINT TABLE MEAN<br>/PLOT SURVIVAL<br>/TEST LOGRANK<br>/COMPARE OVERALL POOLED. |
| Resources | Processor Time | 00:00:00,19 |
| | Elapsed Time | 00:00:00,13 |

## Case Processing Summary

| HLA G - DICHOTOMOUS | Total N | N of Events | Censored | |
|---|---|---|---|---|
| | | | N | Percent |
| Negative | 15 | 8 | 7 | 46,7% |
| Positive | 14 | 12 | 2 | 14,3% |
| Overall | 29 | 20 | 9 | 31,0% |

## Survival Table

| HLA G - DICHOTOMOUS | | Time | Status | Cumulative Proportion Surviving at the Time | |
|---|---|---|---|---|---|
| | | | | Estimate | Std. Error |
| Negative | 1 | 128,000 | Death event | ,933 | ,064 |
| | 2 | 199,000 | Death event | ,867 | ,088 |
| | 3 | 218,000 | Censored data | . | . |
| | 4 | 317,000 | Censored data | . | . |
| | 5 | 321,000 | Death event | ,788 | ,110 |
| | 6 | 335,000 | Censored data | . | . |
| | 7 | 338,000 | Death event | ,700 | ,128 |
| | 8 | 533,000 | Censored data | . | . |
| | 9 | 546,000 | Censored data | . | . |
| | 10 | 698,000 | Death event | ,584 | ,151 |
| | 11 | 699,000 | Death event | ,467 | ,159 |
| | 12 | 782,000 | Death event | ,350 | ,157 |
| | 13 | 1083,000 | Censored data | . | . |
| | 14 | 1677,000 | Death event | ,175 | ,146 |
| | 15 | 2165,000 | Censored data | . | . |
| Positive | 1 | 31,000 | Death event | ,929 | ,069 |
| | 2 | 48,000 | Death event | ,857 | ,094 |
| | 3 | 71,000 | Death event | ,786 | ,110 |
| | 4 | 121,000 | Death event | ,714 | ,121 |
| | 5 | 178,000 | Death event | ,643 | ,128 |
| | 6 | 193,000 | Censored data | . | . |
| | 7 | 210,000 | Death event | ,563 | ,135 |
| | 8 | 230,000 | Death event | ,482 | ,138 |

## Survival Table

| HLA G - DICHOTOMOUS | | N of Cumulative Events | N of Remaining Cases |
|---|---|---|---|
| Negative | 1 | 1 | 14 |
| | 2 | 2 | 13 |
| | 3 | 2 | 12 |
| | 4 | 2 | 11 |
| | 5 | 3 | 10 |
| | 6 | 3 | 9 |
| | 7 | 4 | 8 |
| | 8 | 4 | 7 |
| | 9 | 4 | 6 |
| | 10 | 5 | 5 |
| | 11 | 6 | 4 |
| | 12 | 7 | 3 |
| | 13 | 7 | 2 |
| | 14 | 8 | 1 |
| | 15 | 8 | 0 |
| Positive | 1 | 1 | 13 |
| | 2 | 2 | 12 |
| | 3 | 3 | 11 |
| | 4 | 4 | 10 |
| | 5 | 5 | 9 |
| | 6 | 5 | 8 |
| | 7 | 6 | 7 |
| | 8 | 7 | 6 |

## Survival Table

| HLA G - DICHOTOMOUS | Time | Status | Cumulative Proportion Surviving at the Time | |
|---|---|---|---|---|
| | | | Estimate | Std. Error |
| 9 | 255,000 | Censored data | . | . |
| 10 | 345,000 | Death event | ,386 | ,140 |
| 11 | 424,000 | Death event | ,289 | ,134 |
| 12 | 428,000 | Death event | ,193 | ,119 |
| 13 | 843,000 | Death event | ,096 | ,091 |
| 14 | 1483,000 | Death event | ,000 | ,000 |

## Survival Table

| HLA G - DICHOTOMOUS | N of Cumulative Events | N of Remaining Cases |
|---|---|---|
| 9 | 7 | 5 |
| 10 | 8 | 4 |
| 11 | 9 | 3 |
| 12 | 10 | 2 |
| 13 | 11 | 1 |
| 14 | 12 | 0 |

## Means and Medians for Survival Time

| HLA G - DICHOTOMOUS | Mean[a] | | | | Median |
|---|---|---|---|---|---|
| | | | 95% Confidence Interval | | |
| | Estimate | Std. Error | Lower Bound | Upper Bound | Estimate |
| Negative | 1003,692 | 226,389 | 559,970 | 1447,415 | 699,000 |
| Positive | 407,146 | 127,079 | 158,071 | 656,221 | 230,000 |
| Overall | 706,014 | 138,266 | 435,012 | 977,015 | 428,000 |

## Means and Medians for Survival Time

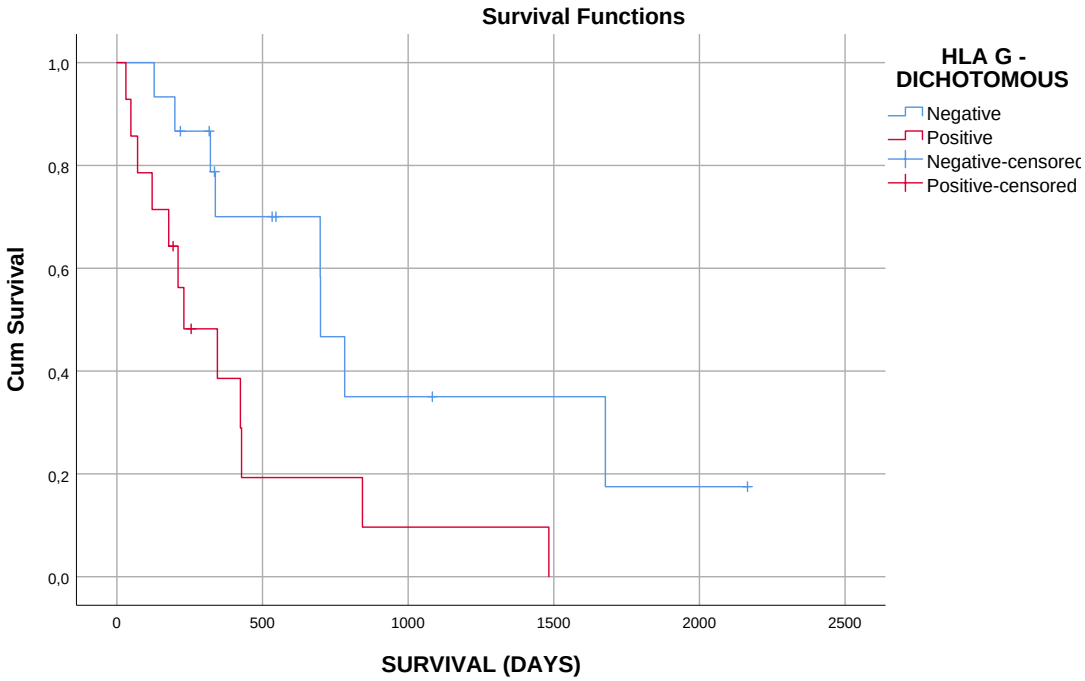
| HLA G - DICHOTOMOUS | Median | | |
|---|---|---|---|
| | | 95% Confidence Interval | |
| | Std. Error | Lower Bound | Upper Bound |
| Negative | 57,359 | 586,576 | 811,424 |
| Positive | 105,012 | 24,176 | 435,824 |
| Overall | 187,893 | 59,731 | 796,269 |

a. Estimation is limited to the largest survival time if it is censored.

**Overall Comparisons**

| | Chi-Square | df | Sig. |
|---|---|---|---|
| Log Rank (Mantel-Cox) | 5,731 | 1 | ,017 |

Test of equality of survival distributions for the different levels of HLA G - DICHOTOMOUS.




```
  USE ALL.
COMPUTE filter_$=(SURGICAL_COMPLICATION= 0 & GROUP = 2).
VARIABLE LABELS filter_$ 'SURGICAL_COMPLICATION= 0 & GROUP = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE
KM SURVIVAL_DAYSBY PDL1_DIC
  /STATUS=DEATH(1)
  /PRINT TABLE MEAN
  /PLOT SURVIVAL
  /TEST LOGRANK
  /COMPARE OVERALL POOLED.
```

## Kaplan-Meier

## Notes

| | | |
|---|---|---|
| Output Created | | 22-MAY-2024 18:43:43 |
| Comments | | |
| Input | Data | C:\Users\Lucas Figueiredo\Desktop\DATA - FINAL.sav |
| | Active Dataset | ConjuntodeDados1 |
| | Filter | SURGICAL_COMPLICATION = 0 & GROUP = 2 (FILTER) |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 27 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the analysis. |
| Syntax | | KM SURVIVAL_DAYS BY PDL1_DIC<br>/STATUS=DEATH(1)<br>/PRINT TABLE MEAN<br>/PLOT SURVIVAL<br>/TEST LOGRANK<br>/COMPARE OVERALL POOLED. |
| Resources | Processor Time | 00:00:00,13 |
| | Elapsed Time | 00:00:00,13 |

## Case Processing Summary

| | | | Censored | |
|---|---|---|---|---|
| PDL1 DICHOTMOUS | Total N | N of Events | N | Percent |
| Negative | 18 | 17 | 1 | 5,6% |
| Positive | 9 | 8 | 1 | 11,1% |
| Overall | 27 | 25 | 2 | 7,4% |

## Survival Table

| PDL1 DICHOTMOUS | | Time | Status | Cumulative Proportion Surviving at the Time | | N of Cumulative Events |
|---|---|---|---|---|---|---|
| | | | | Estimate | Std. Error | |
| Negative | 1 | 28,000 | Death event | ,944 | ,054 | 1 |
| | 2 | 58,000 | Death event | ,889 | ,074 | 2 |
| | 3 | 61,000 | Death event | ,833 | ,088 | 3 |
| | 4 | 74,000 | Death event | ,778 | ,098 | 4 |
| | 5 | 90,000 | Death event | ,722 | ,106 | 5 |
| | 6 | 124,000 | Death event | ,667 | ,111 | 6 |
| | 7 | 129,000 | Death event | ,611 | ,115 | 7 |
| | 8 | 138,000 | Death event | ,556 | ,117 | 8 |
| | 9 | 166,000 | Death event | ,500 | ,118 | 9 |
| | 10 | 181,000 | Censored data | . | . | 9 |
| | 11 | 189,000 | Death event | ,438 | ,119 | 10 |
| | 12 | 270,000 | Death event | ,375 | ,117 | 11 |
| | 13 | 278,000 | Death event | ,313 | ,113 | 12 |
| | 14 | 302,000 | Death event | ,250 | ,106 | 13 |
| | 15 | 443,000 | Death event | ,188 | ,096 | 14 |
| | 16 | 606,000 | Death event | ,125 | ,082 | 15 |
| | 17 | 738,000 | Death event | ,063 | ,060 | 16 |
| | 18 | 958,000 | Death event | ,000 | ,000 | 17 |
| Positive | 1 | 10,000 | Death event | ,889 | ,105 | 1 |
| | 2 | 166,000 | Death event | ,778 | ,139 | 2 |
| | 3 | 181,000 | Death event | ,667 | ,157 | 3 |
| | 4 | 210,000 | Censored data | . | . | 3 |
| | 5 | 299,000 | Death event | ,533 | ,173 | 4 |
| | 6 | 331,000 | Death event | ,400 | ,174 | 5 |
| | 7 | 434,000 | Death event | ,267 | ,159 | 6 |
| | 8 | 728,000 | Death event | ,133 | ,123 | 7 |
| | 9 | 920,000 | Death event | ,000 | ,000 | 8 |

## Survival Table

| PDL1 DICHOTMOUS | | N of Remaining Cases |
|---|---|---|
| Negative | 1 | 17 |
| | 2 | 16 |
| | 3 | 15 |
| | 4 | 14 |
| | 5 | 13 |
| | 6 | 12 |
| | 7 | 11 |
| | 8 | 10 |
| | 9 | 9 |
| | 10 | 8 |
| | 11 | 7 |
| | 12 | 6 |
| | 13 | 5 |
| | 14 | 4 |
| | 15 | 3 |
| | 16 | 2 |
| | 17 | 1 |
| | 18 | 0 |
| Positive | 1 | 8 |
| | 2 | 7 |
| | 3 | 6 |
| | 4 | 5 |
| | 5 | 4 |
| | 6 | 3 |
| | 7 | 2 |
| | 8 | 1 |
| | 9 | 0 |

## Means and Medians for Survival Time

| | Mean[a] | | | | Median | |
|---|---|---|---|---|---|---|
| | | | 95% Confidence Interval | | | |
| PDL1 DICHOTMOUS | Estimate | Std. Error | Lower Bound | Upper Bound | Estimate | Std. Error |
| Negative | 284,722 | 65,390 | 156,557 | 412,888 | 166,000 | 50,912 |
| Positive | 401,267 | 106,108 | 193,295 | 609,238 | 331,000 | 97,788 |
| Overall | 324,005 | 55,873 | 214,493 | 433,516 | 270,000 | 75,429 |

## Means and Medians for Survival Time

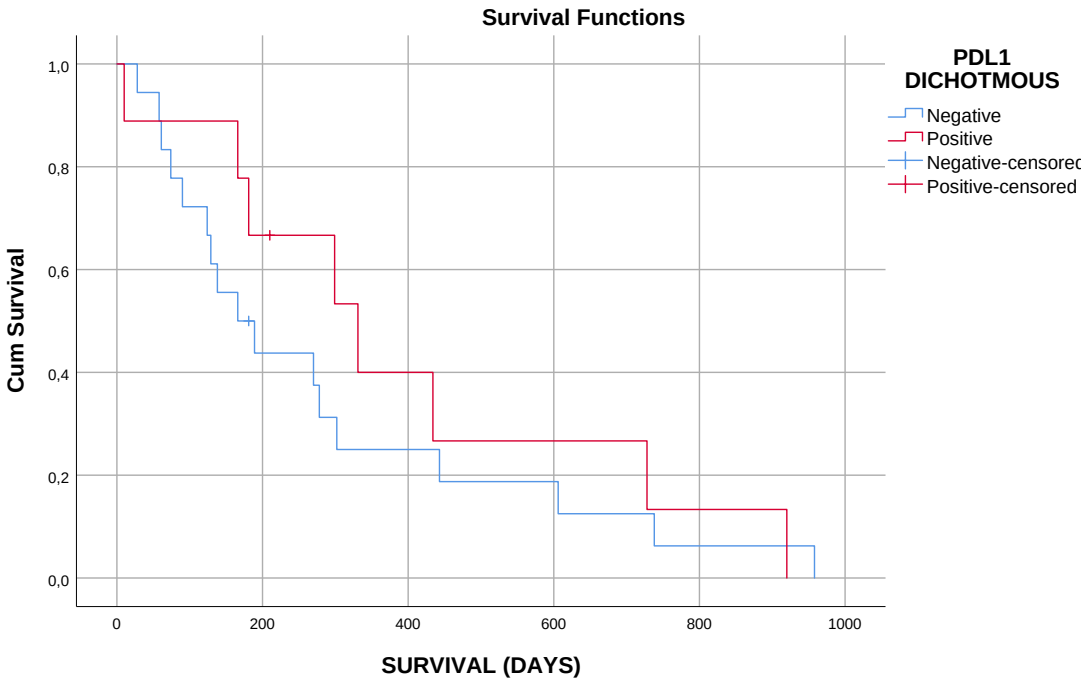
| | Median | |
|---|---|---|
| | 95% Confidence Interval | |
| PDL1 DICHOTMOUS | Lower Bound | Upper Bound |
| Negative | 66,213 | 265,787 |
| Positive | 139,335 | 522,665 |
| Overall | 122,159 | 417,841 |

a. Estimation is limited to the largest survival time if it is censored.

## Overall Comparisons

| | Chi-Square | df | Sig. |
|---|---|---|---|
| Log Rank (Mantel-Cox) | ,554 | 1 | ,457 |

Test of equality of survival distributions for the different levels of PDL1 DICHOTMOUS.



```
KM SURVIVAL_DAYSBY PDL2_DIC
/STATUS=DEATH(1)
/PRINT TABLE MEAN
/PLOT SURVIVAL
/TEST LOGRANK
/COMPARE OVERALL POOLED.
```

## Kaplan-Meier

### Notes

| | | |
|---|---|---|
| Output Created | | 22-MAY-2024 18:43:54 |
| Comments | | |
| Input | Data | C:\Users\Lucas Figueiredo\Desktop\DATA - FINAL.sav |
| | Active Dataset | ConjuntodeDados1 |
| | Filter | SURGICAL_COMPLICATION = 0 & GROUP = 2 (FILTER) |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 27 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the analysis. |
| Syntax | | KM SURVIVAL_DAYS BY PDL2_DIC<br>/STATUS=DEATH(1)<br>/PRINT TABLE MEAN<br>/PLOT SURVIVAL<br>/TEST LOGRANK<br>/COMPARE OVERALL POOLED. |
| Resources | Processor Time | 00:00:00,11 |
| | Elapsed Time | 00:00:00,13 |

## Case Processing Summary

| PDL2 DICHOTMOUS | Total N | N of Events | Censored | |
|---|---|---|---|---|
| | | | N | Percent |
| Negative | 3 | 2 | 1 | 33,3% |
| Positive | 24 | 23 | 1 | 4,2% |
| Overall | 27 | 25 | 2 | 7,4% |

## Survival Table

| PDL2 DICHOTMOUS | | Time | Status | Cumulative Proportion Surviving at the Time | | N of Cumulative Events |
|---|---|---|---|---|---|---|
| | | | | Estimate | Std. Error | |
| Negative | 1 | 181,000 | Censored data | . | . | 0 |
| | 2 | 738,000 | Death event | ,500 | ,354 | 1 |
| | 3 | 958,000 | Death event | ,000 | ,000 | 2 |
| Positive | 1 | 10,000 | Death event | ,958 | ,041 | 1 |
| | 2 | 28,000 | Death event | ,917 | ,056 | 2 |
| | 3 | 58,000 | Death event | ,875 | ,068 | 3 |
| | 4 | 61,000 | Death event | ,833 | ,076 | 4 |
| | 5 | 74,000 | Death event | ,792 | ,083 | 5 |
| | 6 | 90,000 | Death event | ,750 | ,088 | 6 |
| | 7 | 124,000 | Death event | ,708 | ,093 | 7 |
| | 8 | 129,000 | Death event | ,667 | ,096 | 8 |
| | 9 | 138,000 | Death event | ,625 | ,099 | 9 |
| | 10 | 166,000 | Death event | . | . | 10 |
| | 11 | 166,000 | Death event | ,542 | ,102 | 11 |
| | 12 | 181,000 | Death event | ,500 | ,102 | 12 |
| | 13 | 189,000 | Death event | ,458 | ,102 | 13 |
| | 14 | 210,000 | Censored data | . | . | 13 |
| | 15 | 270,000 | Death event | ,413 | ,101 | 14 |
| | 16 | 278,000 | Death event | ,367 | ,100 | 15 |
| | 17 | 299,000 | Death event | ,321 | ,097 | 16 |
| | 18 | 302,000 | Death event | ,275 | ,094 | 17 |
| | 19 | 331,000 | Death event | ,229 | ,089 | 18 |
| | 20 | 434,000 | Death event | ,183 | ,082 | 19 |
| | 21 | 443,000 | Death event | ,138 | ,073 | 20 |
| | 22 | 606,000 | Death event | ,092 | ,061 | 21 |
| | 23 | 728,000 | Death event | ,046 | ,045 | 22 |
| | 24 | 920,000 | Death event | ,000 | ,000 | 23 |

## Survival Table

| PDL2 DICHOTMOUS | | N of Remaining Cases |
|---|---|---|
| Negative | 1 | 2 |
| | 2 | 1 |
| | 3 | 0 |
| Positive | 1 | 23 |
| | 2 | 22 |
| | 3 | 21 |
| | 4 | 20 |
| | 5 | 19 |
| | 6 | 18 |
| | 7 | 17 |
| | 8 | 16 |
| | 9 | 15 |
| | 10 | 14 |
| | 11 | 13 |
| | 12 | 12 |
| | 13 | 11 |
| | 14 | 10 |
| | 15 | 9 |
| | 16 | 8 |
| | 17 | 7 |
| | 18 | 6 |
| | 19 | 5 |
| | 20 | 4 |
| | 21 | 3 |
| | 22 | 2 |
| | 23 | 1 |
| | 24 | 0 |

## Means and Medians for Survival Time

| PDL2 DICHOTMOUS | Mean[a] | | | | Median | |
|---|---|---|---|---|---|---|
| | | | 95% Confidence Interval | | | |
| | Estimate | Std. Error | Lower Bound | Upper Bound | Estimate | Std. Error |
| Negative | 848,000 | 110,000 | 632,400 | 1063,600 | 738,000 | . |
| Positive | 270,254 | 48,899 | 174,412 | 366,096 | 181,000 | 63,399 |
| Overall | 324,005 | 55,873 | 214,493 | 433,516 | 270,000 | 75,429 |

## Means and Medians for Survival Time

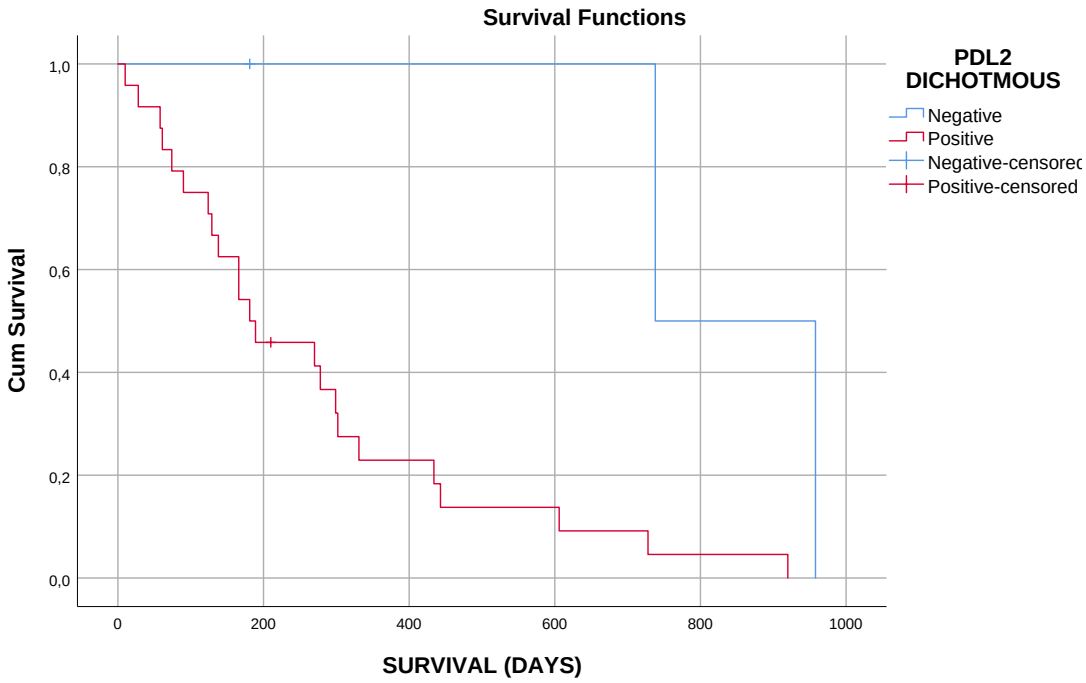
| PDL2 DICHOTMOUS | Median | |
|---|---|---|
| | 95% Confidence Interval | |
| | Lower Bound | Upper Bound |
| Negative | . | . |
| Positive | 56,739 | 305,261 |
| Overall | 122,159 | 417,841 |

a. Estimation is limited to the largest survival time if it is censored.

## Overall Comparisons

| | Chi-Square | df | Sig. |
|---|---|---|---|
| Log Rank (Mantel-Cox) | 5,524 | 1 | ,019 |

Test of equality of survival distributions for the different levels of PDL2 DICHOTMOUS.



```
KM SURVIVAL_DAYSBY HLAG_DIC
/STATUS=DEATH(1)
/PRINT TABLE MEAN
/PLOT SURVIVAL
/TEST LOGRANK
/COMPARE OVERALL POOLED.
```

## Kaplan-Meier

### Notes

| | | |
|---|---|---|
| Output Created | | 22-MAY-2024 18:44:09 |
| Comments | | |
| Input | Data | C:\Users\Lucas Figueiredo\Desktop\DATA - FINAL.sav |
| | Active Dataset | ConjuntodeDados1 |
| | Filter | SURGICAL_COMPLICATION = 0 & GROUP = 2 (FILTER) |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 27 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the analysis. |
| Syntax | | KM SURVIVAL_DAYS BY HLAG_DIC<br>/STATUS=DEATH(1)<br>/PRINT TABLE MEAN<br>/PLOT SURVIVAL<br>/TEST LOGRANK<br>/COMPARE OVERALL POOLED. |
| Resources | Processor Time | 00:00:00,17 |
| | Elapsed Time | 00:00:00,14 |

## Case Processing Summary

| HLA G - DICHOTOMOUS | Total N | N of Events | Censored | |
|---|---|---|---|---|
| | | | N | Percent |
| Negative | 15 | 14 | 1 | 6,7% |
| Positive | 12 | 11 | 1 | 8,3% |
| Overall | 27 | 25 | 2 | 7,4% |

## Survival Table

| HLA G - DICHOTOMOUS | | Time | Status | Cumulative Proportion Surviving at the Time | |
|---|---|---|---|---|---|
| | | | | Estimate | Std. Error |
| Negative | 1 | 28,000 | Death event | ,933 | ,064 |
| | 2 | 61,000 | Death event | ,867 | ,088 |
| | 3 | 74,000 | Death event | ,800 | ,103 |
| | 4 | 90,000 | Death event | ,733 | ,114 |
| | 5 | 138,000 | Death event | ,667 | ,122 |
| | 6 | 166,000 | Death event | ,600 | ,126 |
| | 7 | 181,000 | Censored data | . | . |
| | 8 | 278,000 | Death event | ,525 | ,131 |
| | 9 | 302,000 | Death event | ,450 | ,132 |
| | 10 | 331,000 | Death event | ,375 | ,130 |
| | 11 | 443,000 | Death event | ,300 | ,123 |
| | 12 | 606,000 | Death event | ,225 | ,113 |
| | 13 | 738,000 | Death event | ,150 | ,097 |
| | 14 | 920,000 | Death event | ,075 | ,072 |
| | 15 | 958,000 | Death event | ,000 | ,000 |
| Positive | 1 | 10,000 | Death event | ,917 | ,080 |
| | 2 | 58,000 | Death event | ,833 | ,108 |
| | 3 | 124,000 | Death event | ,750 | ,125 |
| | 4 | 129,000 | Death event | ,667 | ,136 |
| | 5 | 166,000 | Death event | ,583 | ,142 |
| | 6 | 181,000 | Death event | ,500 | ,144 |
| | 7 | 189,000 | Death event | ,417 | ,142 |
| | 8 | 210,000 | Censored data | . | . |
| | 9 | 270,000 | Death event | ,313 | ,140 |
| | 10 | 299,000 | Death event | ,208 | ,126 |
| | 11 | 434,000 | Death event | ,104 | ,097 |
| | 12 | 728,000 | Death event | ,000 | ,000 |

## Survival Table

| HLA G - DICHOTOMOUS | | N of Cumulative Events | N of Remaining Cases |
|---|---|---|---|
| Negative | 1 | 1 | 14 |
| | 2 | 2 | 13 |
| | 3 | 3 | 12 |
| | 4 | 4 | 11 |
| | 5 | 5 | 10 |
| | 6 | 6 | 9 |
| | 7 | 6 | 8 |
| | 8 | 7 | 7 |
| | 9 | 8 | 6 |
| | 10 | 9 | 5 |
| | 11 | 10 | 4 |
| | 12 | 11 | 3 |
| | 13 | 12 | 2 |
| | 14 | 13 | 1 |
| | 15 | 14 | 0 |
| Positive | 1 | 1 | 11 |
| | 2 | 2 | 10 |
| | 3 | 3 | 9 |
| | 4 | 4 | 8 |
| | 5 | 5 | 7 |
| | 6 | 6 | 6 |
| | 7 | 7 | 5 |
| | 8 | 7 | 4 |
| | 9 | 8 | 3 |
| | 10 | 9 | 2 |
| | 11 | 10 | 1 |
| | 12 | 11 | 0 |

## Means and Medians for Survival Time

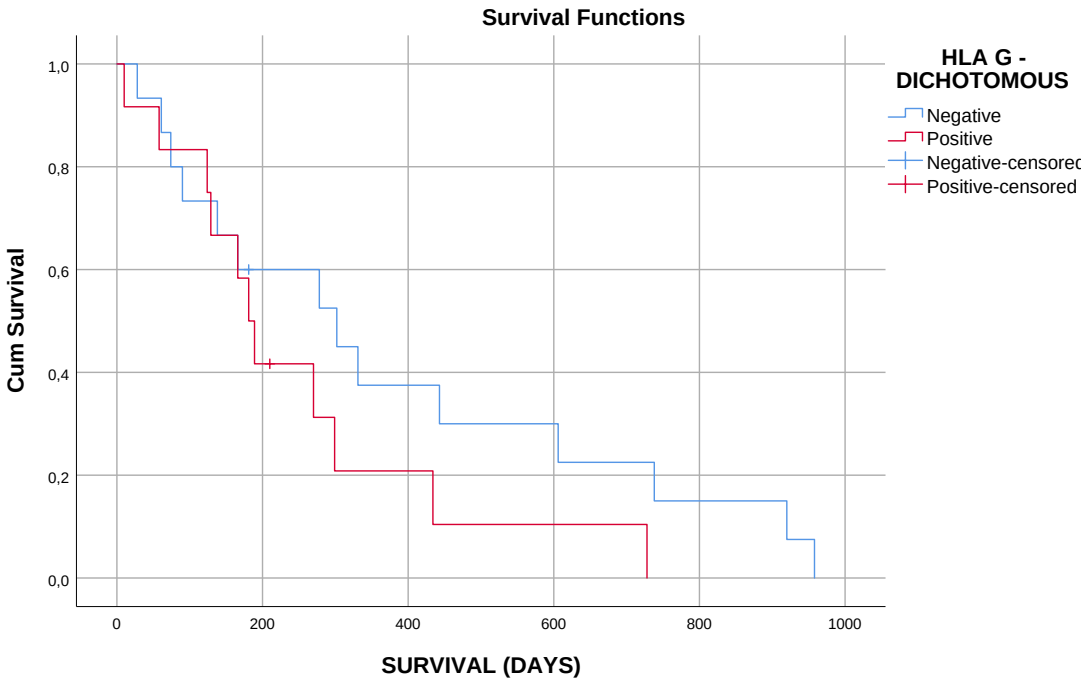
| | Mean[a] | | | | Median |
|---|---|---|---|---|---|
| | | | 95% Confidence Interval | | |
| HLA G - DICHOTOMOUS | Estimate | Std. Error | Lower Bound | Upper Bound | Estimate |
| Negative | 380,333 | 85,125 | 213,488 | 547,178 | 302,000 |
| Positive | 251,729 | 62,601 | 129,031 | 374,427 | 181,000 |
| Overall | 324,005 | 55,873 | 214,493 | 433,516 | 270,000 |

## Means and Medians for Survival Time

| | | Median | |
|---|---|---|---|
| | | 95% Confidence Interval | |
| HLA G - DICHOTOMOUS | Std. Error | Lower Bound | Upper Bound |
| Negative | 119,726 | 67,336 | 536,664 |
| Positive | 19,919 | 141,960 | 220,040 |
| Overall | 75,429 | 122,159 | 417,841 |

a. Estimation is limited to the largest survival time if it is censored.

## Overall Comparisons

| | Chi-Square | df | Sig. |
|---|---|---|---|
| Log Rank (Mantel-Cox) | 1,859 | 1 | ,173 |

Test of equality of survival distributions for the different levels of HLA G - DICHOTOMOUS.