

| Obs | id | admitdate | foldate  | los | lenfol | fstat | age | gender | bmi     | time_yrs |
|-----|----|-----------|----------|-----|--------|-------|-----|--------|---------|----------|
| 1   | 1  | 03/13/19  | 03/19/19 | 4   | 6      | 1     | 65  | 0      | 31.3813 | 0.01643  |
| 2   | 2  | 01/14/19  | 01/23/19 | 5   | 374    | 1     | 88  | 1      | 22.6579 | 1.02396  |
| 3   | 3  | 02/17/19  | 10/04/20 | 5   | 2421   | 1     | 77  | 0      | 27.8789 | 6.62834  |
| 4   | 4  | 04/07/19  | 07/14/19 | 9   | 98     | 1     | 81  | 1      | 21.4788 | 0.26831  |
| 5   | 5  | 02/09/19  | 05/29/19 | 4   | 1205   | 1     | 78  | 0      | 30.7060 | 3.29911  |
| 6   | 6  | 01/16/19  | 09/11/20 | 7   | 2065   | 1     | 82  | 1      | 26.4529 | 5.65366  |
| 7   | 7  | 01/17/19  | 10/15/19 | 3   | 1002   | 1     | 66  | 1      | 35.7115 | 2.74333  |
| 8   | 8  | 11/15/19  | 11/24/20 | 56  | 2201   | 1     | 81  | 1      | 28.2768 | 6.02601  |
| 9   | 9  | 08/18/19  | 02/23/19 | 5   | 189    | 1     | 76  | 0      | 27.1208 | 0.51745  |
| 10  | 10 | 07/22/19  | 12/31/20 | 9   | 2719   | 0     | 40  | 0      | 21.7897 | 7.44422  |

**The FREQ Procedure**

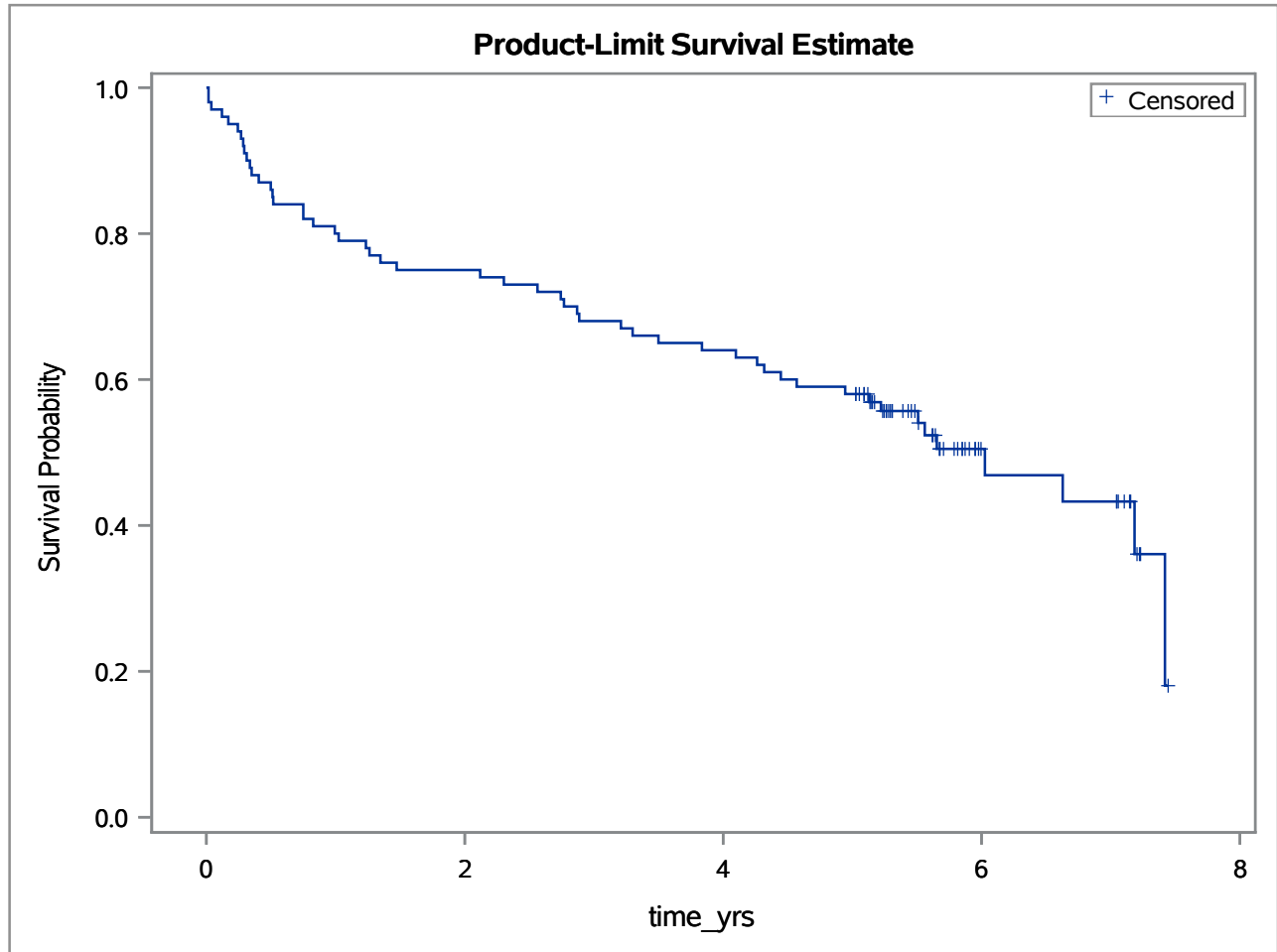
| <b>fstat</b> | <b>Frequency</b> | <b>Cumulative<br/>Frequency</b> |
|--------------|------------------|---------------------------------|
| <b>0</b>     | 49               | 49                              |
| <b>1</b>     | 51               | 100                             |

**The MEANS Procedure**

| Analysis Variable : time_yrs |           |           |           |           |
|------------------------------|-----------|-----------|-----------|-----------|
| N                            | Mean      | Std Dev   | Minimum   | Maximum   |
| 100                          | 4.1215606 | 2.3515380 | 0.0164271 | 7.4442163 |

**Kaplan-Meier curve for WHAS100 data**

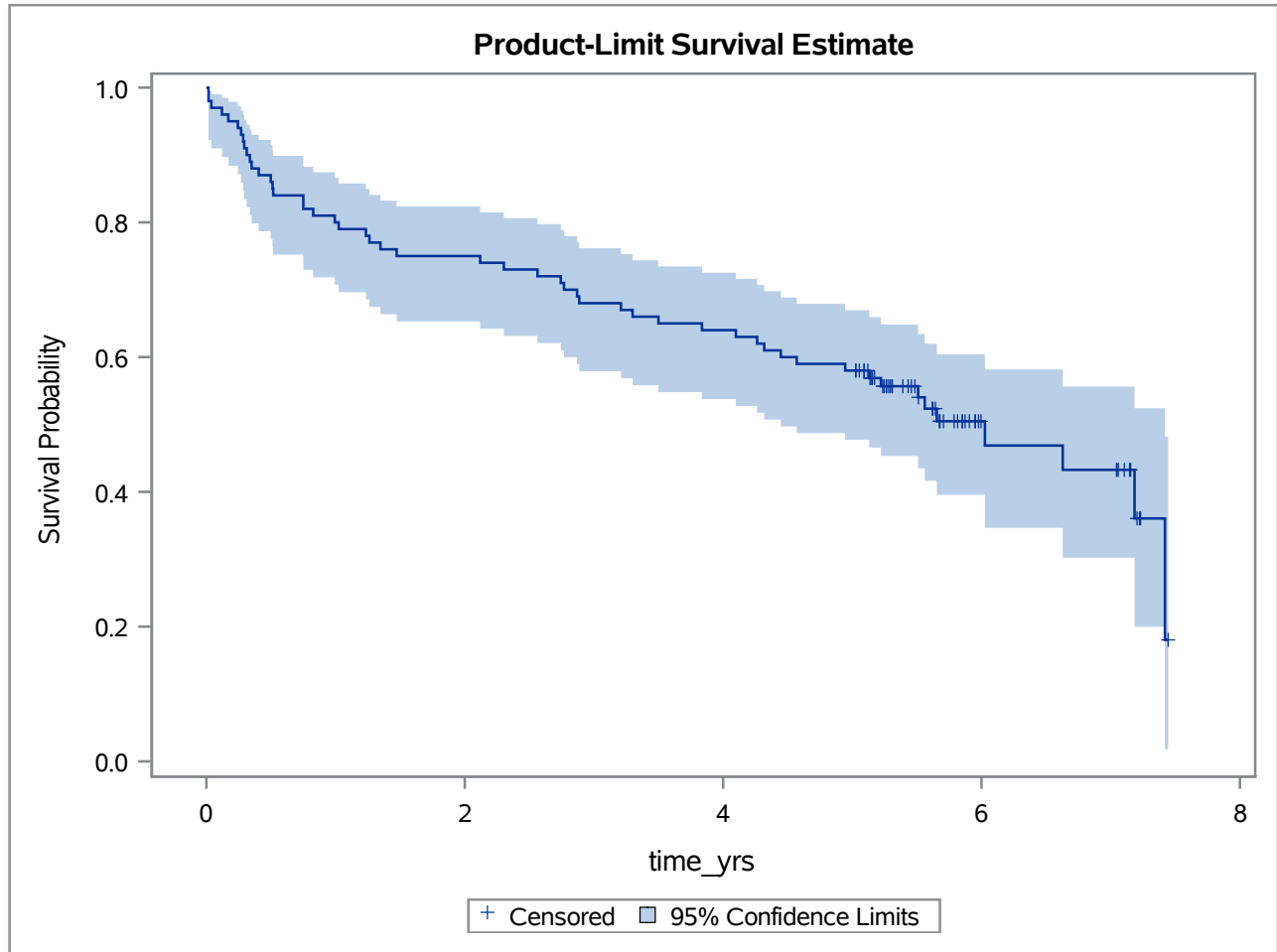
The LIFETEST Procedure

**Summary of the Number of Censored and Uncensored Values**

| Total | Failed | Censored | Percent Censored |
|-------|--------|----------|------------------|
| 100   | 51     | 49       | 49.00            |

## Kaplan-Meier curve for WHAS100 data

The LIFETEST Procedure



Summary of the Number of Censored and Uncensored Values

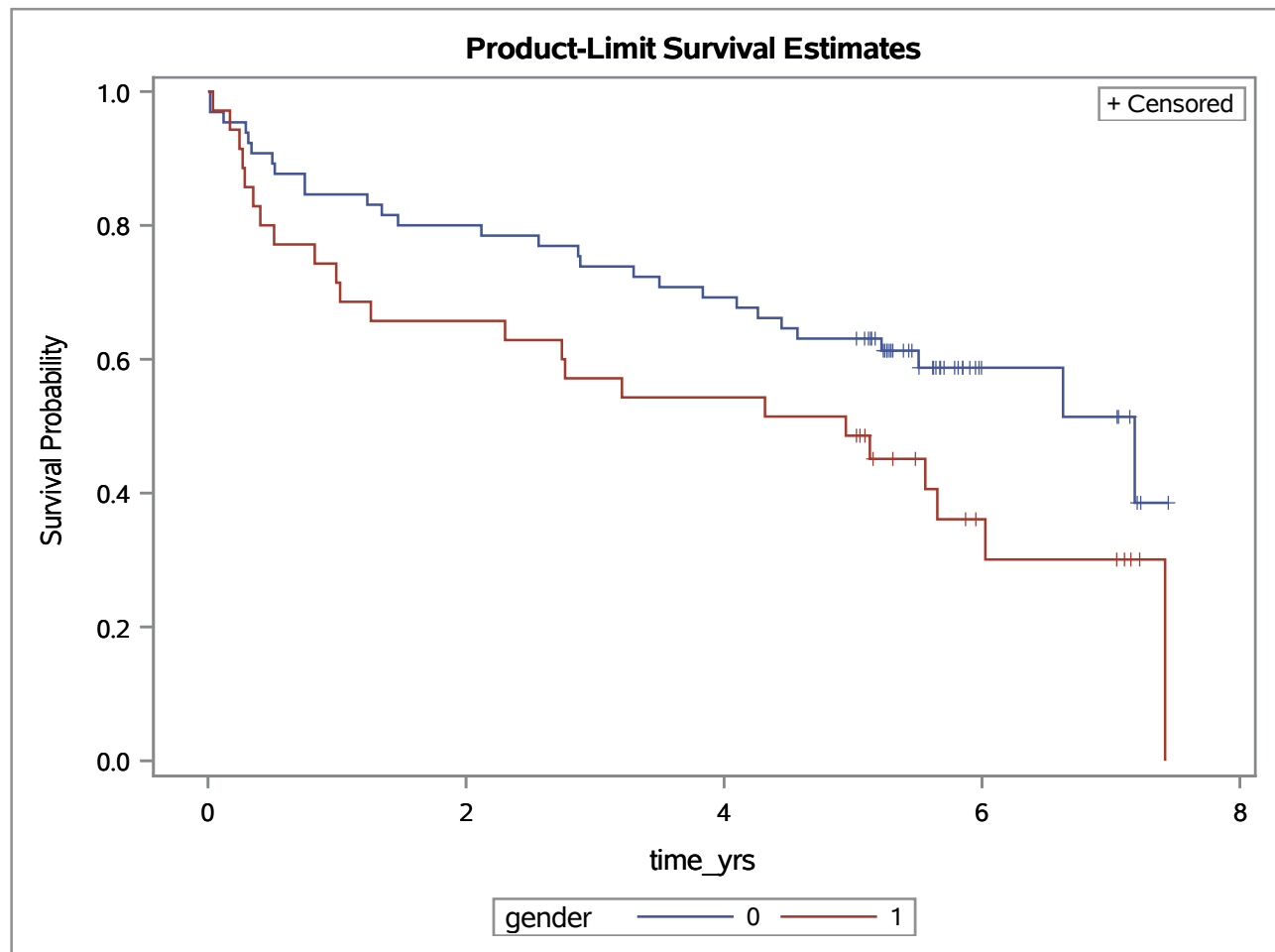
| Total | Failed | Censored | Percent Censored |
|-------|--------|----------|------------------|
| 100   | 51     | 49       | 49.00            |

# Comparison of survival for gender for WHAS100 data

## The LIFETEST Procedure

| Summary of the Number of Censored and Uncensored Values |        |       |        |          |                  |
|---|--------|-------|--------|----------|------------------|
| Stratum   | gender | Total | Failed | Censored | Percent Censored |
| 1   | 0      | 65    | 28     | 37       | 56.92            |
| 2   | 1      | 35    | 23     | 12       | 34.29            |
| Total   |        | 100   | 51     | 49       | 49.00            |

| Test of Equality over Strata |            |    |                 |
|------------------------------|------------|----|-----------------|
| Test                         | Chi-Square | DF | Pr > Chi-Square |
| Log-Rank                     | 3.9714     | 1  | 0.0463          |



## Comparison of survival for age groups for WHAS100 data

### The LIFETEST Procedure

| Summary of the Number of Censored and Uncensored Values |      |       |        |          |                  |
|---|------|-------|--------|----------|------------------|
| Stratum   | age  | Total | Failed | Censored | Percent Censored |
| 1   | <60  | 25    | 8      | 17       | 68.00            |
| 2   | 65   | 23    | 7      | 16       | 69.57            |
| 3   | 75   | 22    | 14     | 8        | 36.36            |
| 4   | >=80 | 30    | 22     | 8        | 26.67            |
| Total   |      | 100   | 51     | 49       | 49.00            |

| Test of Equality over Strata |            |    |                 |
|------------------------------|------------|----|-----------------|
| Test                         | Chi-Square | DF | Pr > Chi-Square |
| Log-Rank                     | 15.5721    | 3  | 0.0014          |

