The LIFETEST Procedure

Stratum 1: X1 = 0

Product-Limit Survival Estimates						
X9		Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.0000		1.0000	0	0	0	69
3.0000		0.9855	0.0145	0.0144	1	68
4.0000		0.9710	0.0290	0.0202	2	67
7.0000		0.9565	0.0435	0.0246	3	66
8.0000		.	.	.	4	65
8.0000		0.9275	0.0725	0.0312	5	64
10.0000		.	.	.	6	63
10.0000		0.8986	0.1014	0.0363	7	62
11.0000		0.8841	0.1159	0.0385	8	61
12.0000		.	.	.	9	60
12.0000		0.8551	0.1449	0.0424	10	59
13.0000		0.8406	0.1594	0.0441	11	58
16.0000		0.8261	0.1739	0.0456	12	57
18.0000		.	.	.	13	56
18.0000		0.7971	0.2029	0.0484	14	55
20.0000		0.7826	0.2174	0.0497	15	54
21.0000		0.7681	0.2319	0.0508	16	53
22.0000		0.7536	0.2464	0.0519	17	52
25.0000		0.7391	0.2609	0.0529	18	51
27.0000		0.7246	0.2754	0.0538	19	50
30.0000		0.7101	0.2899	0.0546	20	49
31.0000		0.6957	0.3043	0.0554	21	48
35.0000		0.6812	0.3188	0.0561	22	47
42.0000		0.6667	0.3333	0.0568	23	46
51.0000		0.6522	0.3478	0.0573	24	45
52.0000		0.6377	0.3623	0.0579	25	44
54.0000		.	.	.	26	43
54.0000		0.6087	0.3913	0.0588	27	42
56.0000		0.5942	0.4058	0.0591	28	41
59.0000		0.5797	0.4203	0.0594	29	40
63.0000		0.5652	0.4348	0.0597	30	39
72.0000		0.5507	0.4493	0.0599	31	38
82.0000		0.5362	0.4638	0.0600	32	37

The LIFETEST Procedure

Stratum 1: X1 = 0

Product-Limit Survival Estimates						
X9		Survival	Failure	Survival Standard Error	Number Failed	Number Left
90.0000	*	.	.	.	32	36
90.0000	*	.	.	.	32	35
90.0000	*	.	.	.	32	34
90.0000	*	.	.	.	32	33
90.0000	*	.	.	.	32	32
90.0000	*	.	.	.	32	31
90.0000	*	.	.	.	32	30
90.0000	*	.	.	.	32	29
90.0000	*	.	.	.	32	28
90.0000	*	.	.	.	32	27
90.0000	*	.	.	.	32	26
90.0000	*	.	.	.	32	25
90.0000	*	.	.	.	32	24
90.0000	*	.	.	.	32	23
90.0000	*	.	.	.	32	22
90.0000	*	.	.	.	32	21
90.0000	*	.	.	.	32	20
90.0000	*	.	.	.	32	19
90.0000	*	.	.	.	32	18
90.0000	*	.	.	.	32	17
90.0000	*	.	.	.	32	16
90.0000	*	.	.	.	32	15
90.0000	*	.	.	.	32	14
90.0000	*	.	.	.	32	13
90.0000	*	.	.	.	32	12
90.0000	*	.	.	.	32	11
90.0000	*	.	.	.	32	10
90.0000	*	.	.	.	32	9
90.0000	*	.	.	.	32	8
90.0000	*	.	.	.	32	7
90.0000	*	.	.	.	32	6
90.0000	*	.	.	.	32	5
90.0000	*	.	.	.	32	4

The LIFETEST Procedure

Stratum 1: X1 = 0

Product-Limit Survival Estimates						
X9		Survival	Failure	Survival Standard Error	Number Failed	Number Left
90.0000	*	.	.	.	32	3
90.0000	*	.	.	.	32	2
90.0000	*	.	.	.	32	1
90.0000	*	0.5362	0.4638	.	32	0

Note: The marked survival times are censored observations.

Summary Statistics for Time Variable X9

Quartile Estimates				
		95% Confidence Interval		
Percent	Point Estimate	Transform	[Lower	Upper)
75	.	LOGLOG	.	.
50	.	LOGLOG	54.0000	.
25	25.0000	LOGLOG	12.0000	52.0000

Mean	Standard Error
57.6812	3.6741

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.

The LIFETEST Procedure

Stratum 2: X1 = 1

Product-Limit Survival Estimates						
X9		Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.0000		1.0000	0	0	0	68
1.0000		.	.	.	1	67
1.0000		0.9706	0.0294	0.0205	2	66
2.0000		0.9559	0.0441	0.0249	3	65
7.0000		.	.	.	4	64
7.0000		0.9265	0.0735	0.0317	5	63
8.0000		.	.	.	6	62
8.0000		0.8971	0.1029	0.0369	7	61
13.0000		0.8824	0.1176	0.0391	8	60
15.0000		.	.	.	9	59
15.0000		0.8529	0.1471	0.0429	10	58
18.0000		0.8382	0.1618	0.0447	11	57
19.0000		.	.	.	12	56
19.0000		0.8088	0.1912	0.0477	13	55
20.0000		0.7941	0.2059	0.0490	14	54
21.0000		0.7794	0.2206	0.0503	15	53
24.0000		.	.	.	16	52
24.0000		0.7500	0.2500	0.0525	17	51
25.0000		.	.	.	18	50
25.0000		.	.	.	19	49
25.0000		0.7059	0.2941	0.0553	20	48
29.0000		0.6912	0.3088	0.0560	21	47
30.0000		0.6765	0.3235	0.0567	22	46
31.0000		0.6618	0.3382	0.0574	23	45
33.0000		0.6471	0.3529	0.0580	24	44
36.0000		0.6324	0.3676	0.0585	25	43
43.0000		0.6176	0.3824	0.0589	26	42
44.0000		0.6029	0.3971	0.0593	27	41
45.0000		0.5882	0.4118	0.0597	28	40
48.0000		0.5735	0.4265	0.0600	29	39
49.0000		0.5588	0.4412	0.0602	30	38
51.0000		.	.	.	31	37
51.0000		0.5294	0.4706	0.0605	32	36

The LIFETEST Procedure

Stratum 2: X1 = 1

Product-Limit Survival Estimates						
X9		Survival	Failure	Survival Standard Error	Number Failed	Number Left
52.0000		.	.	.	33	35
52.0000		0.5000	0.5000	0.0606	34	34
53.0000		0.4853	0.5147	0.0606	35	33
61.0000		0.4706	0.5294	0.0605	36	32
73.0000		0.4559	0.5441	0.0604	37	31
80.0000		.	.	.	38	30
80.0000		0.4265	0.5735	0.0600	39	29
83.0000		0.4118	0.5882	0.0597	40	28
84.0000		0.3971	0.6029	0.0593	41	27
87.0000		0.3824	0.6176	0.0589	42	26
87.0000	*	.	.	.	42	25
90.0000		0.3671	0.6329	0.0585	43	24
90.0000	*	.	.	.	43	23
90.0000	*	.	.	.	43	22
90.0000	*	.	.	.	43	21
90.0000	*	.	.	.	43	20
90.0000	*	.	.	.	43	19
90.0000	*	.	.	.	43	18
90.0000	*	.	.	.	43	17
90.0000	*	.	.	.	43	16
90.0000	*	.	.	.	43	15
90.0000	*	.	.	.	43	14
90.0000	*	.	.	.	43	13
90.0000	*	.	.	.	43	12
90.0000	*	.	.	.	43	11
90.0000	*	.	.	.	43	10
90.0000	*	.	.	.	43	9
90.0000	*	.	.	.	43	8
90.0000	*	.	.	.	43	7
90.0000	*	.	.	.	43	6
90.0000	*	.	.	.	43	5
90.0000	*	.	.	.	43	4
90.0000	*	.	.	.	43	3

The LIFETEST Procedure

Stratum 2: X1 = 1

Product-Limit Survival Estimates						
X9		Survival	Failure	Survival Standard Error	Number Failed	Number Left
90.0000	*	.	.	.	43	2
90.0000	*	.	.	.	43	1
90.0000	*	0.3671	0.6329	.	43	0

Note: The marked survival times are censored observations.

Summary Statistics for Time Variable X9

Quartile Estimates				
		95% Confidence Interval		
Percent	Point Estimate	Transform	[Lower	Upper)
75	.	LOGLOG	.	.
50	52.5000	LOGLOG	43.0000	87.0000
25	24.5000	LOGLOG	15.0000	33.0000

Mean	Standard Error
56.3529	4.0150

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	X1	Total	Failed	Censored	Percent Censored
1	0	69	32	37	53.62
2	1	68	43	25	36.76
Total		137	75	62	45.26

The LIFETEST Procedure

Testing Homogeneity of Survival Curves for X9 over Strata

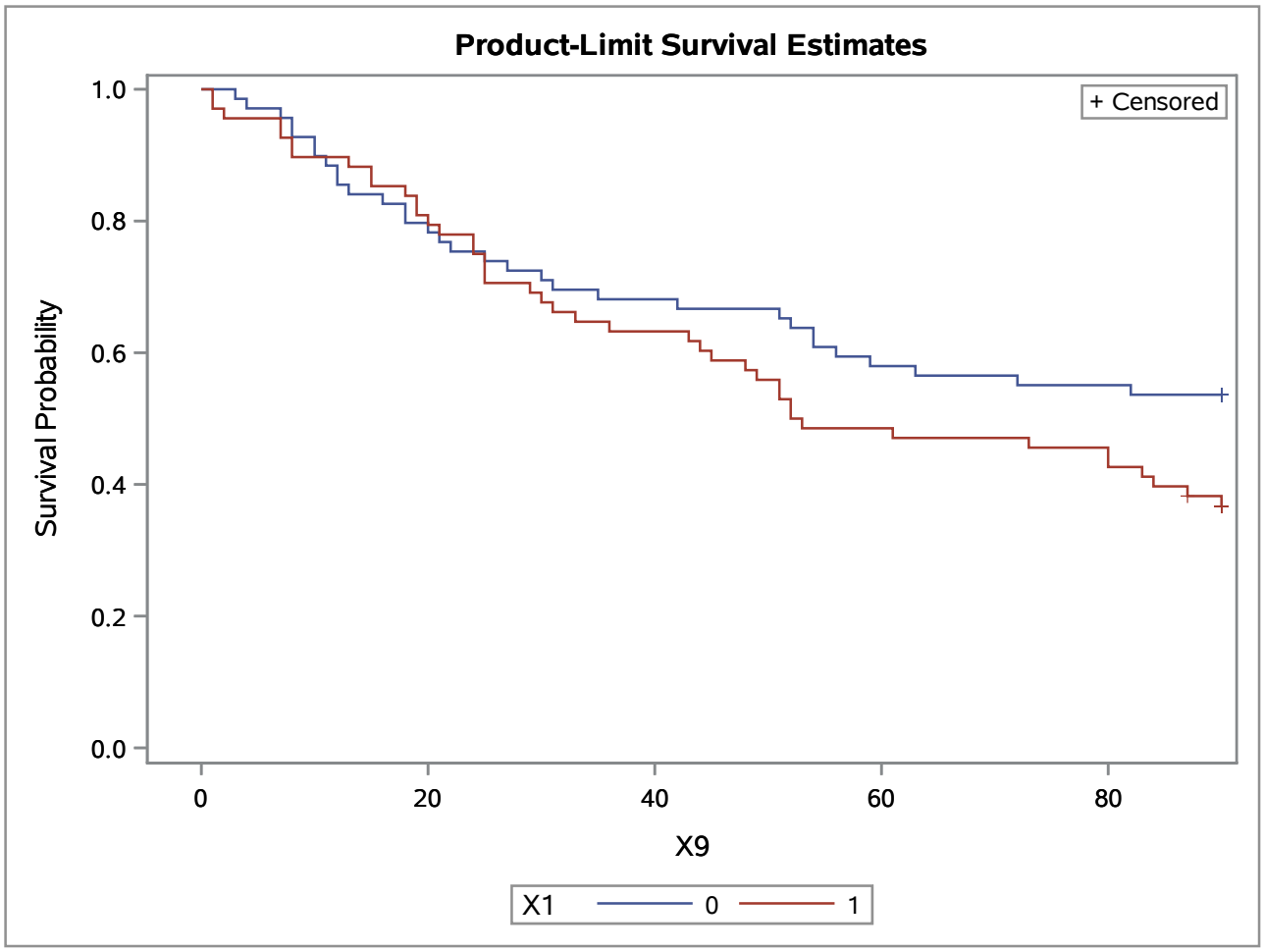
Rank Statistics		
X1	**Log-Rank**	**Wilcoxon**
0	-7.1956	-585.00
1	7.1956	585.00

Covariance Matrix for the Log-Rank Statistics		
X1	**0**	**1**
0	18.4834	-18.4834
1	-18.4834	18.4834

Covariance Matrix for the Wilcoxon Statistics		
X1	**0**	**1**
0	195712	-195712
1	-195712	195712

Test of Equality over Strata			
Test	**Chi-Square**	**DF**	**Pr > Chi-Square**
Log-Rank	2.8013	1	0.0942
Wilcoxon	1.7486	1	0.1861
-2Log(LR)	3.0622	1	0.0801

The LIFETEST Procedure



The LIFETEST Procedure