The SAS System

Obs	Duration	Event1_RegistrationFee	Event2_Overweight	Event3_TitleFee	Event_kind	LaborForce	Employment	CPI_U	Ave_Temperaturate	Ave_Heating_Degree_
1	30	1	0	0	1	4548549	4052924	209.292	60.3	
2	30	1	0	0	1	4619653	4131890	210.988	82.3	
3	30	1	0	0	1	4609741	4128946	211.775	77.3	
4	30	1	0	0	1	4632545	4148330	219.682	83.7	
5	30	1	0	0	1	4653712	4198153	219.469	48.5	
6	30	1	0	0	1	4670723	4234462	223.004	74.6	
7	30	1	0	0	1	4699769	4268377	225.052	71.1	
8	30	1	0	0	1	4716950	4289646	223.404	47.6	
9	30	1	0	0	1	4702054	4288636	225.874	42.1	
10	30	1	0	0	1	4693173	4306304	226.289	66.2	
11	30	1	0	0	1	4681782	4348539	226.811	48.4	
12	30	1	0	0	1	4688207	4384962	231.762	69.8	
13	30	1	0	0	1	4702276	4409779	231.611	75.9	
14	30	1	0	0	1	4720031	4443170	229.845	47.0	
15	30	1	0	0	1	4760422	4480674	229.957	61.5	
16	30	1	0	0	1	4785180	4521814	230.860	60.4	
17	30	1	0	0	1	4859953	4615733	233.292	82.0	
18	30	1	0	0	1	4880584	4632733	234.069	76.4	
19	30	1	0	0	1	4903564	4658756	234.204	44.5	
20	30	1	0	0	1	4955417	4740683	239.649	71.9	
21	30	1	0	0	1	4956898	4745105	238.861	49.9	
22	30	1	0	0	1	4991872	4799281	243.640	76.9	
23	30	1	0	0	1	5017079	4819777	243.484	48.4	
24	30	1	0	0	1	5052626	4847960	243.856	47.6	
25	30	1	0	0	1	5061879	4856683	246.847	61.8	
26	30	1	0	0	1	5074835	4872346	246.515	75.9	
27	30	1	0	0	1	5104251	4918613	247.385	48.1	
28	30	1	0	0	1	4687926	4082234	246.254	59.4	
29	30	0	1	0	2	4550437	4060670	208.912	70.8	
30	30	0	1	0	2	4606035	4080476	210.020	37.6	
31	30	0	1	0	2	4609416	4128264	212.026	63.4	
32	30	0	1	0	2	4656332	4219648	223.314	60.4	
33	30	0	1	0	2	4663979	4227719	223.356	72.0	
34	30	0	1	0	2	4716950	4289646	223.404	47.6	
35	30	0	1	0	2	4693545	4314695	227.148	75.8	
36	30	0	1	0	2	4693963	4330674	227.837	76.0	
37	30	0	1	0	2	4681233	4372743	230.095	46.0	
38	30	0	1	0	2	4688207	4384962	231.762	69.8	
39	30	0	1	0	2	4720031	4443170	229.845	47.0	
40	30	0	1	0	2	4760422	4480674	229.957	61.5	
41	30	0	1	0	2	4772869	4493230	232.026	79.3	
42	30	0	1	0	2	4776483	4504148	231.260	77.9	
43	30	0	1	0	2	4820427	4566317	229.469	39.3	
44	30	0	1	0	2	4859953	4615733	233.292	82.0	
45	30	0	1	0	2	4955417	4740683	239.649	71.9	
46	30	0	1	0	2	4956898	4745105	238.861	49.9	
47	30	0	1	0	2	4983233	4789518	243.776	79.6	
48	30	0	1	0	2	5017079	4819777	243.484	48.4	
49	30	0	1	0	2	5074835	4872346	246.515	75.9	
50	30	0	1	0	2	5100430	4910144	246.891	76.8	
51	30	0	1	0	2	5104251	4918613	247.385	48.1	
52	30	0	1	0	2	4687926	4082234	246.254	59.4	
53	30	0	0	1	3	4548549	4052924	209.292	60.3	
54	30	0	0	1	3	4619653	4131890	210.988	82.3	
55	30	0	0	1	3	4609741	4128946	211.775	77.3	
56	30	0	0	1	3	4644899	4164506	220.371	73.5	

57	30	0	0	1	3	4670723	4234462	223.004	74.6	
58	30	0	0	1	3	4699769	4268377	225.052	71.1	
59	30	0	0	1	3	4716950	4289646	223.404	47.6	
60	30	0	0	1	3	4693963	4330674	227.837	76.0	
61	30	0	0	1	3	4681782	4348539	226.811	48.4	
62	30	0	0	1	3	4702276	4409779	231.611	75.9	
63	30	0	0	1	3	4774945	4498453	231.719	80.0	
64	30	0	0	1	3	4785180	4521814	230.860	60.4	
65	30	0	0	1	3	4859953	4615733	233.292	82.0	
66	30	0	0	1	3	4880584	4632733	234.069	76.4	
67	30	0	0	1	3	4934301	4716865	237.346	75.6	
68	30	0	0	1	3	4955417	4740683	239.649	71.9	
69	30	0	0	1	3	4956898	4745105	238.861	49.9	
70	30	0	0	1	3	4982889	4786558	243.770	78.3	
71	30	0	0	1	3	5017079	4819777	243.484	48.4	
72	30	0	0	1	3	5052626	4847960	243.856	47.6	
73	30	0	0	1	3	5061879	4856683	246.847	61.8	
74	30	0	0	1	3	5074835	4872346	246.515	75.9	
75	30	0	0	1	3	5093224	4898132	246.953	78.4	
76	30	0	0	1	3	5104251	4918613	247.385	48.1	
77	30	0	0	1	3	4687926	4082234	246.254	59.4	
78	60	1	0	0	1	4650085	4176228	219.969	59.2	
79	60	1	0	0	1	4690536	4337411	227.876	70.7	
80	60	1	0	0	1	4740319	4466965	227.944	34.8	
81	60	1	0	0	1	4776483	4504148	231.260	77.9	
82	60	1	0	0	1	4915480	4687202	236.154	52.0	
83	60	1	0	0	1	4943175	4726877	236.942	82.0	
84	60	1	0	0	1	4969833	4766016	241.595	45.8	
85	60	1	0	0	1	5114662	4932056	248.412	48.2	
86	60	0	1	0	2	4632515	4123402	211.423	71.9	
87	60	0	1	0	2	4615841	4137620	213.589	37.7	
88	60	0	1	0	2	4620259	4145987	218.820	63.6	
89	60	0	1	0	2	4653712	4198153	219.469	48.5	
90	60	0	1	0	2	4699769	4268377	225.052	71.1	
91	60	0	1	0	2	4681782	4348539	226.811	48.4	
92	60	0	1	0	2	4708604	4420712	231.762	72.2	
93	60	0	1	0	2	4740319	4466965	227.944	34.8	
94	60	0	1	0	2	4795756	4535703	230.422	55.4	
95	60	0	1	0	2	4845206	4601914	232.906	67.5	
96	60	0	1	0	2	4903564	4658756	234.204	44.5	
97	60	0	1	0	2	4919929	4696347	236.728	66.5	
98	60	0	1	0	2	4943175	4726877	236.942	82.0	
99	60	0	1	0	2	5114662	4932056	248.412	48.2	
100	60	0	0	1	3	4632545	4148330	219.682	83.7	
101	60	0	0	1	3	4720031	4443170	229.845	47.0	
102	60	0	0	1	3	4991872	4799281	243.640	76.9	
103	60	0	0	1	3	5114662	4932056	248.412	48.2	
104	90	1	0	0	1	4659384	4223431	224.275	59.8	
105	90	1	0	0	1	4681233	4372743	230.095	46.0	
106	90	0	1	0	2	5061879	4856683	246.847	61.8	
107	90	0	0	1	3	4620259	4145987	218.820	63.6	
108	90	0	0	1	3	4659384	4223431	224.275	59.8	
109	90	0	0	1	3	4919929	4696347	236.728	66.5	
110	90	0	0	1	3	4977177	4775695	242.486	57.2	
111	120	1	0	0	1	4631285	4112003	211.528	63.0	
112	120	1	0	0	1	4620259	4145987	218.820	63.6	
113	120	1	0	0	1	4840535	4595687	231.975	60.7	
114	120	0	1	0	2	4644899	4164506	220.371	73.5	
115										

	120	0	1	0	2	4694011	4298091	226.202	60.5
116	120	0	1	0	2	4981319	4782348	243.279	74.2
117	120	0	0	1	3	4631285	4112003	211.528	63.0
118	120	0	0	1	3	4693173	4306304	226.289	66.2
119	120	0	0	1	3	4684752	4379091	231.346	60.2
120	120	0	0	1	3	4760422	4480674	229.957	61.5
121	120	0	0	1	3	4840535	4595687	231.975	60.7

The SAS System

The LIFETEST Procedure

Product-Limit Survival Estimates

Duration	Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.000	1.0000	0	0	0	121
30.000	.	.	.	1	120
30.000	.	.	.	2	119
30.000	.	.	.	3	118
30.000	.	.	.	4	117
30.000	.	.	.	5	116
30.000	.	.	.	6	115
30.000	.	.	.	7	114
30.000	.	.	.	8	113
30.000	.	.	.	9	112
30.000	.	.	.	10	111
30.000	.	.	.	11	110
30.000	.	.	.	12	109
30.000	.	.	.	13	108
30.000	.	.	.	14	107
30.000	.	.	.	15	106
30.000	.	.	.	16	105
30.000	.	.	.	17	104
30.000	.	.	.	18	103
30.000	.	.	.	19	102
30.000	.	.	.	20	101
30.000	.	.	.	21	100
30.000	.	.	.	22	99
30.000	.	.	.	23	98
30.000	.	.	.	24	97
30.000	.	.	.	25	96
30.000	.	.	.	26	95
30.000	.	.	.	27	94
30.000	.	.	.	28	93
30.000	.	.	.	29	92
30.000	.	.	.	30	91
30.000	.	.	.	31	90
30.000	.	.	.	32	89
30.000	.	.	.	33	88
30.000	.	.	.	34	87
30.000	.	.	.	35	86
30.000	.	.	.	36	85
30.000	.	.	.	37	84
30.000	.	.	.	38	83
30.000	.	.	.	39	82
30.000	.	.	.	40	81
30.000	.	.	.	41	80
30.000	.	.	.	42	79
30.000	.	.	.	43	78
30.000	.	.	.	44	77
30.000	.	.	.	45	76
30.000	.	.	.	46	75
30.000	.	.	.	47	74
30.000	.	.	.	48	73
30.000	.	.	.	49	72
30.000	.	.	.	50	71
30.000	.	.	.	51	70

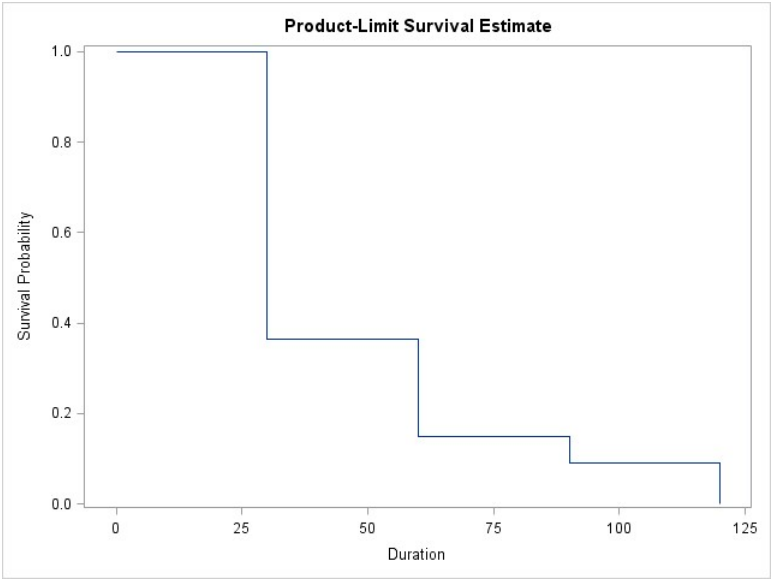
30.000	.	.	.	52	69
30.000	.	.	.	53	68
30.000	.	.	.	54	67
30.000	.	.	.	55	66
30.000	.	.	.	56	65
30.000	.	.	.	57	64
30.000	.	.	.	58	63
30.000	.	.	.	59	62
30.000	.	.	.	60	61
30.000	.	.	.	61	60
30.000	.	.	.	62	59
30.000	.	.	.	63	58
30.000	.	.	.	64	57
30.000	.	.	.	65	56
30.000	.	.	.	66	55
30.000	.	.	.	67	54
30.000	.	.	.	68	53
30.000	.	.	.	69	52
30.000	.	.	.	70	51
30.000	.	.	.	71	50
30.000	.	.	.	72	49
30.000	.	.	.	73	48
30.000	.	.	.	74	47
30.000	.	.	.	75	46
30.000	.	.	.	76	45
30.000	0.3636	0.6364	0.0437	77	44
60.000	.	.	.	78	43
60.000	.	.	.	79	42
60.000	.	.	.	80	41
60.000	.	.	.	81	40
60.000	.	.	.	82	39
60.000	.	.	.	83	38
60.000	.	.	.	84	37
60.000	.	.	.	85	36
60.000	.	.	.	86	35
60.000	.	.	.	87	34
60.000	.	.	.	88	33
60.000	.	.	.	89	32
60.000	.	.	.	90	31
60.000	.	.	.	91	30
60.000	.	.	.	92	29
60.000	.	.	.	93	28
60.000	.	.	.	94	27
60.000	.	.	.	95	26
60.000	.	.	.	96	25
60.000	.	.	.	97	24
60.000	.	.	.	98	23
60.000	.	.	.	99	22
60.000	.	.	.	100	21
60.000	.	.	.	101	20
60.000	.	.	.	102	19
60.000	0.1488	0.8512	0.0324	103	18
90.000	.	.	.	104	17
90.000	.	.	.	105	16
90.000	.	.	.	106	15
90.000	.	.	.	107	14
90.000	.	.	.	108	13
90.000	.	.	.	109	12
90.000					

		0.0909	0.9091	0.0261	110	11
120.000		.	.	.	111	10
120.000		.	.	.	112	9
120.000		.	.	.	113	8
120.000		.	.	.	114	7
120.000		.	.	.	115	6
120.000		.	.	.	116	5
120.000		.	.	.	117	4
120.000		.	.	.	118	3
120.000		.	.	.	119	2
120.000		.	.	.	120	1
120.000		0	1.0000	.	121	0

Summary Statistics for Time Variable Duration

Quartile Estimates				
			95% Confidence Interval	
Percent	Point Estimate	Transform	[Lower	Upper)
75	60.000	LOGLOG	.	.
50	30.000	LOGLOG	.	.
25	30.000	LOGLOG	.	.

Mean	Standard Error
48.099	2.599



Summary of the Number of Censored and Uncensored Values			
Total	Failed	Censored	Percent Censored
121	121	0	0.00

The SAS System

The LIFETEST Procedure

Product-Limit Survival Estimates

Duration	Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.000	1.0000	0	0	0	121
30.000	.	.	.	1	120
30.000	.	.	.	2	119
30.000	.	.	.	3	118
30.000	.	.	.	4	117
30.000	.	.	.	5	116
30.000	.	.	.	6	115
30.000	.	.	.	7	114
30.000	.	.	.	8	113
30.000	.	.	.	9	112
30.000	.	.	.	10	111
30.000	.	.	.	11	110
30.000	.	.	.	12	109
30.000	.	.	.	13	108
30.000	.	.	.	14	107
30.000	.	.	.	15	106
30.000	.	.	.	16	105
30.000	.	.	.	17	104
30.000	.	.	.	18	103
30.000	.	.	.	19	102
30.000	.	.	.	20	101
30.000	.	.	.	21	100
30.000	.	.	.	22	99
30.000	.	.	.	23	98
30.000	.	.	.	24	97
30.000	.	.	.	25	96
30.000	.	.	.	26	95
30.000	.	.	.	27	94
30.000	.	.	.	28	93
30.000	.	.	.	29	92
30.000	.	.	.	30	91
30.000	.	.	.	31	90
30.000	.	.	.	32	89
30.000	.	.	.	33	88
30.000	.	.	.	34	87
30.000	.	.	.	35	86
30.000	.	.	.	36	85
30.000	.	.	.	37	84
30.000	.	.	.	38	83
30.000	.	.	.	39	82
30.000	.	.	.	40	81
30.000	.	.	.	41	80
30.000	.	.	.	42	79
30.000	.	.	.	43	78
30.000	.	.	.	44	77
30.000	.	.	.	45	76
30.000	.	.	.	46	75
30.000	.	.	.	47	74
30.000	.	.	.	48	73
30.000	.	.	.	49	72
30.000	.	.	.	50	71
30.000	.	.	.	51	70

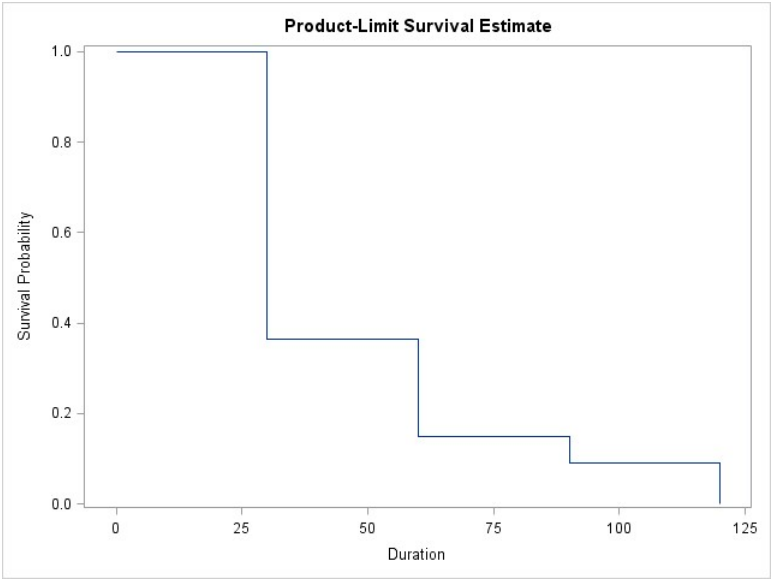
30.000	.	.	.	52	69
30.000	.	.	.	53	68
30.000	.	.	.	54	67
30.000	.	.	.	55	66
30.000	.	.	.	56	65
30.000	.	.	.	57	64
30.000	.	.	.	58	63
30.000	.	.	.	59	62
30.000	.	.	.	60	61
30.000	.	.	.	61	60
30.000	.	.	.	62	59
30.000	.	.	.	63	58
30.000	.	.	.	64	57
30.000	.	.	.	65	56
30.000	.	.	.	66	55
30.000	.	.	.	67	54
30.000	.	.	.	68	53
30.000	.	.	.	69	52
30.000	.	.	.	70	51
30.000	.	.	.	71	50
30.000	.	.	.	72	49
30.000	.	.	.	73	48
30.000	.	.	.	74	47
30.000	.	.	.	75	46
30.000	.	.	.	76	45
30.000	0.3636	0.6364	0.0437	77	44
60.000	.	.	.	78	43
60.000	.	.	.	79	42
60.000	.	.	.	80	41
60.000	.	.	.	81	40
60.000	.	.	.	82	39
60.000	.	.	.	83	38
60.000	.	.	.	84	37
60.000	.	.	.	85	36
60.000	.	.	.	86	35
60.000	.	.	.	87	34
60.000	.	.	.	88	33
60.000	.	.	.	89	32
60.000	.	.	.	90	31
60.000	.	.	.	91	30
60.000	.	.	.	92	29
60.000	.	.	.	93	28
60.000	.	.	.	94	27
60.000	.	.	.	95	26
60.000	.	.	.	96	25
60.000	.	.	.	97	24
60.000	.	.	.	98	23
60.000	.	.	.	99	22
60.000	.	.	.	100	21
60.000	.	.	.	101	20
60.000	.	.	.	102	19
60.000	0.1488	0.8512	0.0324	103	18
90.000	.	.	.	104	17
90.000	.	.	.	105	16
90.000	.	.	.	106	15
90.000	.	.	.	107	14
90.000	.	.	.	108	13
90.000	.	.	.	109	12
90.000					

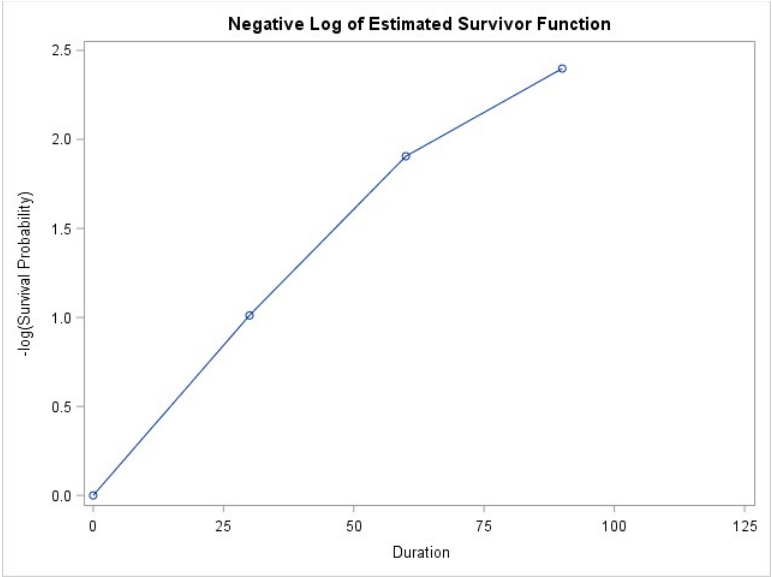
		0.0909	0.9091	0.0261	110	11
120.000		.	.	.	111	10
120.000		.	.	.	112	9
120.000		.	.	.	113	8
120.000		.	.	.	114	7
120.000		.	.	.	115	6
120.000		.	.	.	116	5
120.000		.	.	.	117	4
120.000		.	.	.	118	3
120.000		.	.	.	119	2
120.000		.	.	.	120	1
120.000		0	1.0000	.	121	0

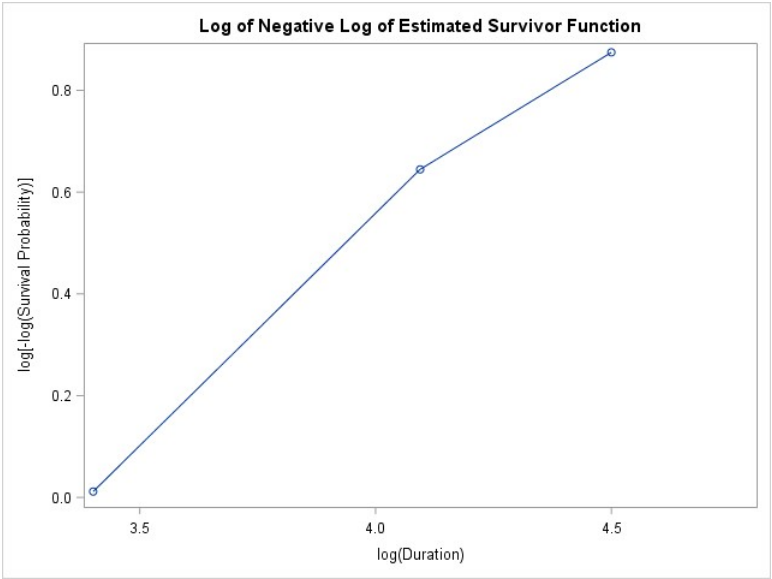
Summary Statistics for Time Variable Duration

Quartile Estimates				
		95% Confidence Interval		
Percent	Point Estimate	Transform	[Lower	Upper)
75	60.000	LOGLOG	.	.
50	30.000	LOGLOG	.	.
25	30.000	LOGLOG	.	.

Mean	Standard Error
48.099	2.599







Summary of the Number of Censored and Uncensored Values			
Total	Failed	Censored	Percent Censored
121	121	0	0.00

The SAS System

The LIFETEST Procedure

Product-Limit Survival Estimates

Duration	Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.000	1.0000	0	0	0	121
30.000	.	.	.	1	120
30.000	.	.	.	2	119
30.000	.	.	.	3	118
30.000	.	.	.	4	117
30.000	.	.	.	5	116
30.000	.	.	.	6	115
30.000	.	.	.	7	114
30.000	.	.	.	8	113
30.000	.	.	.	9	112
30.000	.	.	.	10	111
30.000	.	.	.	11	110
30.000	.	.	.	12	109
30.000	.	.	.	13	108
30.000	.	.	.	14	107
30.000	.	.	.	15	106
30.000	.	.	.	16	105
30.000	.	.	.	17	104
30.000	.	.	.	18	103
30.000	.	.	.	19	102
30.000	.	.	.	20	101
30.000	.	.	.	21	100
30.000	.	.	.	22	99
30.000	.	.	.	23	98
30.000	.	.	.	24	97
30.000	.	.	.	25	96
30.000	.	.	.	26	95
30.000	.	.	.	27	94
30.000	.	.	.	28	93
30.000	.	.	.	29	92
30.000	.	.	.	30	91
30.000	.	.	.	31	90
30.000	.	.	.	32	89
30.000	.	.	.	33	88
30.000	.	.	.	34	87
30.000	.	.	.	35	86
30.000	.	.	.	36	85
30.000	.	.	.	37	84
30.000	.	.	.	38	83
30.000	.	.	.	39	82
30.000	.	.	.	40	81
30.000	.	.	.	41	80
30.000	.	.	.	42	79
30.000	.	.	.	43	78
30.000	.	.	.	44	77
30.000	.	.	.	45	76
30.000	.	.	.	46	75
30.000	.	.	.	47	74
30.000	.	.	.	48	73
30.000	.	.	.	49	72
30.000	.	.	.	50	71
30.000	.	.	.	51	70

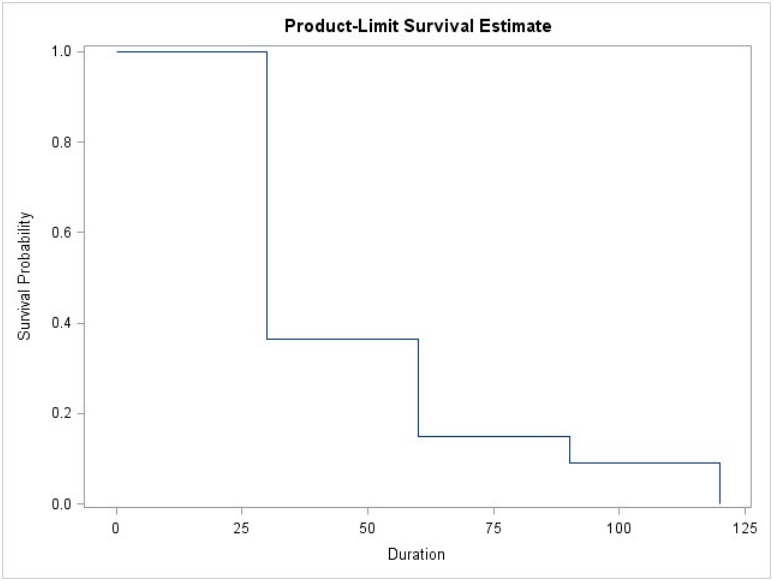
30.000	.	.	.	52	69
30.000	.	.	.	53	68
30.000	.	.	.	54	67
30.000	.	.	.	55	66
30.000	.	.	.	56	65
30.000	.	.	.	57	64
30.000	.	.	.	58	63
30.000	.	.	.	59	62
30.000	.	.	.	60	61
30.000	.	.	.	61	60
30.000	.	.	.	62	59
30.000	.	.	.	63	58
30.000	.	.	.	64	57
30.000	.	.	.	65	56
30.000	.	.	.	66	55
30.000	.	.	.	67	54
30.000	.	.	.	68	53
30.000	.	.	.	69	52
30.000	.	.	.	70	51
30.000	.	.	.	71	50
30.000	.	.	.	72	49
30.000	.	.	.	73	48
30.000	.	.	.	74	47
30.000	.	.	.	75	46
30.000	.	.	.	76	45
30.000	0.3636	0.6364	0.0437	77	44
60.000	.	.	.	78	43
60.000	.	.	.	79	42
60.000	.	.	.	80	41
60.000	.	.	.	81	40
60.000	.	.	.	82	39
60.000	.	.	.	83	38
60.000	.	.	.	84	37
60.000	.	.	.	85	36
60.000	.	.	.	86	35
60.000	.	.	.	87	34
60.000	.	.	.	88	33
60.000	.	.	.	89	32
60.000	.	.	.	90	31
60.000	.	.	.	91	30
60.000	.	.	.	92	29
60.000	.	.	.	93	28
60.000	.	.	.	94	27
60.000	.	.	.	95	26
60.000	.	.	.	96	25
60.000	.	.	.	97	24
60.000	.	.	.	98	23
60.000	.	.	.	99	22
60.000	.	.	.	100	21
60.000	.	.	.	101	20
60.000	.	.	.	102	19
60.000	0.1488	0.8512	0.0324	103	18
90.000	.	.	.	104	17
90.000	.	.	.	105	16
90.000	.	.	.	106	15
90.000	.	.	.	107	14
90.000	.	.	.	108	13
90.000	.	.	.	109	12
90.000					

		0.0909	0.9091	0.0261	110	11
120.000		.	.	.	111	10
120.000		.	.	.	112	9
120.000		.	.	.	113	8
120.000		.	.	.	114	7
120.000		.	.	.	115	6
120.000		.	.	.	116	5
120.000		.	.	.	117	4
120.000		.	.	.	118	3
120.000		.	.	.	119	2
120.000		.	.	.	120	1
120.000		0	1.0000	.	121	0

Summary Statistics for Time Variable Duration

Quartile Estimates				
		95% Confidence Interval		
Percent	Point Estimate	Transform	[Lower	Upper)
75	60.000	LOGLOG	.	.
50	30.000	LOGLOG	.	.
25	30.000	LOGLOG	.	.

Mean	Standard Error
48.099	2.599



Summary of the Number of Censored and Uncensored Values			
Total	Failed	Censored	Percent Censored
121	121	0	0.00

The SAS System

Obs	Duration	_CENSOR_	SURVIVAL	SDF_LCL	SDF_UCL
1	0	.	1.00000	1.00000	1.00000
2	30	0	0.36364	0.27886	0.44873
3	60	0	0.14876	0.09227	0.21795
4	90	0	0.09091	0.04817	0.15021
5	120	0	0.00000	.	.

The SAS System

The LIFETEST Procedure

Stratum 1: Event_kind = 1

Product-Limit Survival Estimates

Duration	Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.000	1.0000	0	0	0	41
30.000	.	.	.	1	40
30.000	.	.	.	2	39
30.000	.	.	.	3	38
30.000	.	.	.	4	37
30.000	.	.	.	5	36
30.000	.	.	.	6	35
30.000	.	.	.	7	34
30.000	.	.	.	8	33
30.000	.	.	.	9	32
30.000	.	.	.	10	31
30.000	.	.	.	11	30
30.000	.	.	.	12	29
30.000	.	.	.	13	28
30.000	.	.	.	14	27
30.000	.	.	.	15	26
30.000	.	.	.	16	25
30.000	.	.	.	17	24
30.000	.	.	.	18	23
30.000	.	.	.	19	22
30.000	.	.	.	20	21
30.000	.	.	.	21	20
30.000	.	.	.	22	19
30.000	.	.	.	23	18
30.000	.	.	.	24	17
30.000	.	.	.	25	16
30.000	.	.	.	26	15
30.000	.	.	.	27	14
30.000	0.3171	0.6829	0.0727	28	13
60.000	.	.	.	29	12
60.000	.	.	.	30	11
60.000	.	.	.	31	10
60.000	.	.	.	32	9
60.000	.	.	.	33	8
60.000	.	.	.	34	7
60.000	.	.	.	35	6
60.000	0.1220	0.8780	0.0511	36	5
90.000	.	.	.	37	4
90.000	0.0732	0.9268	0.0407	38	3
120.000	.	.	.	39	2
120.000	.	.	.	40	1
120.000	0	1.0000	.	41	0

Summary Statistics for Time Variable Duration

Quartile Estimates

Percent	Point Estimate	95% Confidence Interval		
		Transform	[Lower	Upper)
75	60.000	LOGLOG	30.000	60.000
50	30.000	LOGLOG	.	.
25	30.000	LOGLOG	.	.

Mean	Standard Error
45.366	4.207

The SAS System

The LIFETEST Procedure

Stratum 2: Event_kind = 2

Product-Limit Survival Estimates

Duration	Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.000	1.0000	0	0	0	42
30.000	.	.	.	1	41
30.000	.	.	.	2	40
30.000	.	.	.	3	39
30.000	.	.	.	4	38
30.000	.	.	.	5	37
30.000	.	.	.	6	36
30.000	.	.	.	7	35
30.000	.	.	.	8	34
30.000	.	.	.	9	33
30.000	.	.	.	10	32
30.000	.	.	.	11	31
30.000	.	.	.	12	30
30.000	.	.	.	13	29
30.000	.	.	.	14	28
30.000	.	.	.	15	27
30.000	.	.	.	16	26
30.000	.	.	.	17	25
30.000	.	.	.	18	24
30.000	.	.	.	19	23
30.000	.	.	.	20	22
30.000	.	.	.	21	21
30.000	.	.	.	22	20
30.000	.	.	.	23	19
30.000	0.4286	0.5714	0.0764	24	18
60.000	.	.	.	25	17
60.000	.	.	.	26	16
60.000	.	.	.	27	15
60.000	.	.	.	28	14
60.000	.	.	.	29	13
60.000	.	.	.	30	12
60.000	.	.	.	31	11
60.000	.	.	.	32	10
60.000	.	.	.	33	9
60.000	.	.	.	34	8
60.000	.	.	.	35	7
60.000	.	.	.	36	6
60.000	.	.	.	37	5
60.000	0.0952	0.9048	0.0453	38	4
90.000	0.0714	0.9286	0.0397	39	3
120.000	.	.	.	40	2
120.000	.	.	.	41	1
120.000	0	1.0000	.	42	0

Summary Statistics for Time Variable Duration

Quartile Estimates

Percent	Point Estimate	95% Confidence Interval		
		Transform	[Lower	Upper)
75	60.000	LOGLOG	.	.
50	30.000	LOGLOG	30.000	60.000

25	30.000	LOGLOG	.	.

Mean	Standard Error
47.857	3.968

The SAS System

The LIFETEST Procedure

Stratum 3: Event_kind = 3

Product-Limit Survival Estimates

Duration	Survival	Failure	Survival Standard Error	Number Failed	Number Left
0.000	1.0000	0	0	0	38
30.000	.	.	.	1	37
30.000	.	.	.	2	36
30.000	.	.	.	3	35
30.000	.	.	.	4	34
30.000	.	.	.	5	33
30.000	.	.	.	6	32
30.000	.	.	.	7	31
30.000	.	.	.	8	30
30.000	.	.	.	9	29
30.000	.	.	.	10	28
30.000	.	.	.	11	27
30.000	.	.	.	12	26
30.000	.	.	.	13	25
30.000	.	.	.	14	24
30.000	.	.	.	15	23
30.000	.	.	.	16	22
30.000	.	.	.	17	21
30.000	.	.	.	18	20
30.000	.	.	.	19	19
30.000	.	.	.	20	18
30.000	.	.	.	21	17
30.000	.	.	.	22	16
30.000	.	.	.	23	15
30.000	.	.	.	24	14
30.000	0.3421	0.6579	0.0770	25	13
60.000	.	.	.	26	12
60.000	.	.	.	27	11
60.000	.	.	.	28	10
60.000	0.2368	0.7632	0.0690	29	9
90.000	.	.	.	30	8
90.000	.	.	.	31	7
90.000	.	.	.	32	6
90.000	0.1316	0.8684	0.0548	33	5
120.000	.	.	.	34	4
120.000	.	.	.	35	3
120.000	.	.	.	36	2
120.000	.	.	.	37	1
120.000	0	1.0000	.	38	0

Summary Statistics for Time Variable Duration

Quartile Estimates

Percent	Point Estimate	95% Confidence Interval		
		Transform	[Lower	Upper)
75	60.000	LOGLOG	30.000	120.000
50	30.000	LOGLOG	.	.
25	30.000	LOGLOG	.	.

Mean	Standard Error
51.316	5.415

Summary of the Number of Censored and Uncensored Values					
Stratum	Event_kind	Total	Failed	Censored	Percent Censored
1	1	41	41	0	0.00
2	2	42	42	0	0.00
3	3	38	38	0	0.00
Total		121	121	0	0.00

The SAS System

The LIFETEST Procedure

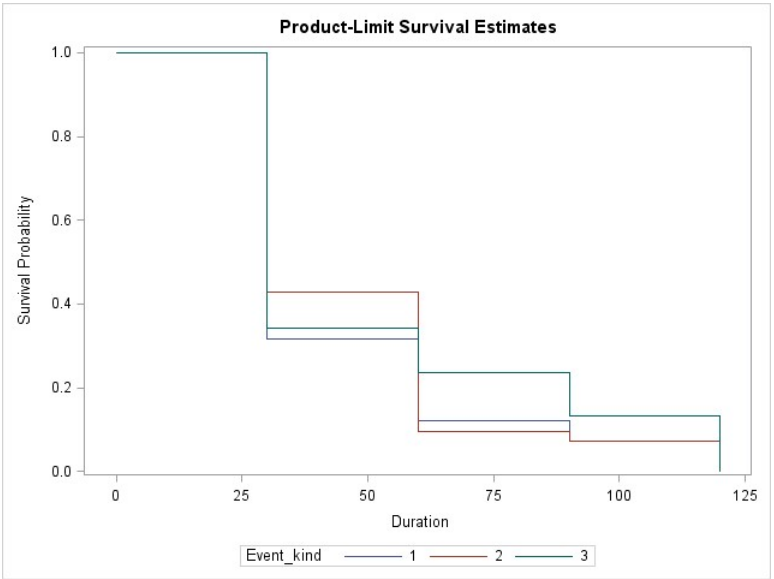
Testing Homogeneity of Survival Curves for Duration over Strata

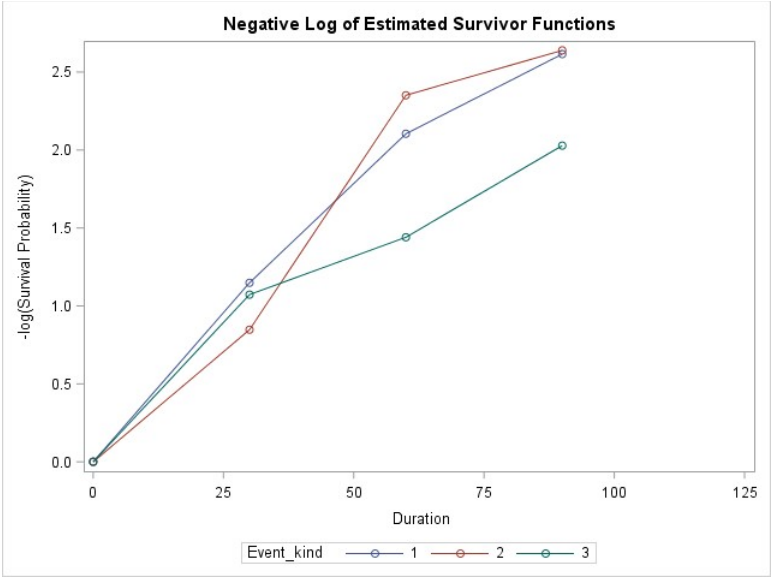
Rank Statistics		
Event_kind	Log-Rank	Wilcoxon
1	2.2828	246.00
2	0.0808	-192.00
3	-2.3636	-54.00

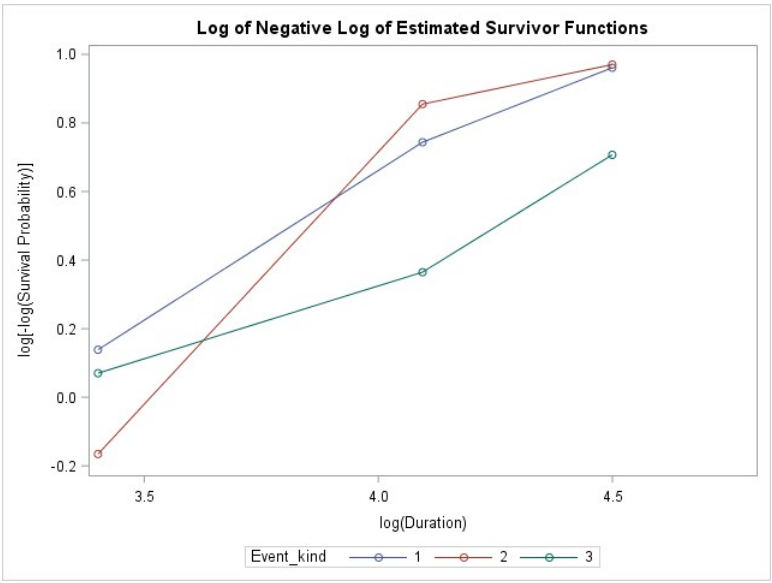
Covariance Matrix for the Log-Rank Statistics			
Event_kind	1	2	3
1	9.49932	-4.91575	-4.58357
2	-4.91575	9.81219	-4.89644
3	-4.58357	-4.89644	9.48001

Covariance Matrix for the Wilcoxon Statistics			
Event_kind	1	2	3
1	97285.9	-51255.2	-46030.7
2	-51255.2	99025.4	-47770.2
3	-46030.7	-47770.2	93801.0

Test of Equality over Strata			
Test	Chi-Square	DF	Pr > Chi-Square
Log-Rank	0.7678	2	0.6812
Wilcoxon	0.6761	2	0.7132
-2Log(LR)	0.3014	2	0.8601




Negative Log of Estimated Survivor Functions
-log(Survival Probability)
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
Duration
Event_kind 1 2 3

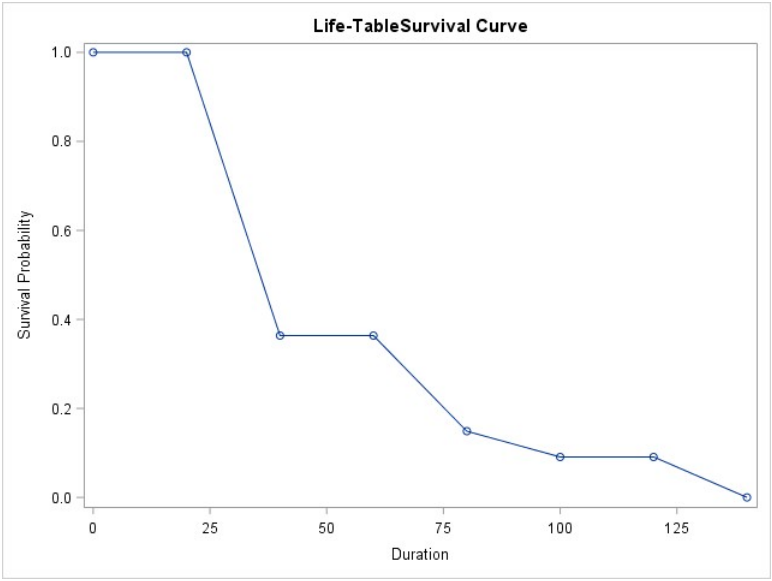

Log of Negative Log of Estimated Survivor Functions
log[-log(Survival Probability)]
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
3.5
4.0
4.5
log(Duration)
Event_kind 1 2 3

The SAS System

The LIFETEST Procedure

Life Table Survival Estimates

Interval												Evaluated at the Midpoint of the Interval			
[Lower,	Upper)	Number Failed	Number Censored	Effective Sample Size	Conditional Probability of Failure	Conditional Probability Standard Error	Survival	Failure	Survival Standard Error	Median Residual Lifetime	Median Standard Error	PDF	PDF Standard Error	Hazard	Hazard Standard Error
0	20	0	0	121.0	0	0	1.0000	0	0	35.7143	1.4286	0	.	0	.
20	40	77	0	121.0	0.6364	0.0437	1.0000	0	0	15.7143	1.4286	0.0318	0.00219	0.046667	0.004704
40	60	0	0	44.0	0	0	0.3636	0.6364	0.0437	36.9231	2.5512	0	.	0	.
60	80	26	0	44.0	0.5909	0.0741	0.3636	0.6364	0.0437	16.9231	2.5512	0.0107	0.00187	0.041935	0.007466
80	100	7	0	18.0	0.3889	0.1149	0.1488	0.8512	0.0324	43.6364	3.8569	0.00289	0.00106	0.024138	0.008854
100	120	0	0	11.0	0	0	0.0909	0.9091	0.0261	30.0000	3.0151	0	.	0	.
120	140	11	0	11.0	1.0000	0	0.0909	0.9091	0.0261	10.0000	3.0151	0.00455	0.00131	0.1	0
140	.	0	0	0.0	0	0	0	1.0000	0	.	.	.	.	.	.



Summary of the Number of Censored and Uncensored Values

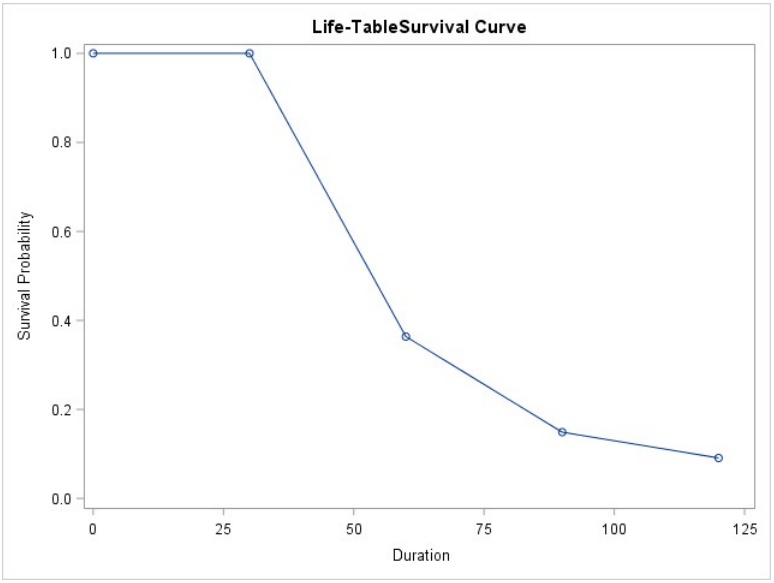
Total	Failed	Censored	Percent Censored
121	121	0	0.00

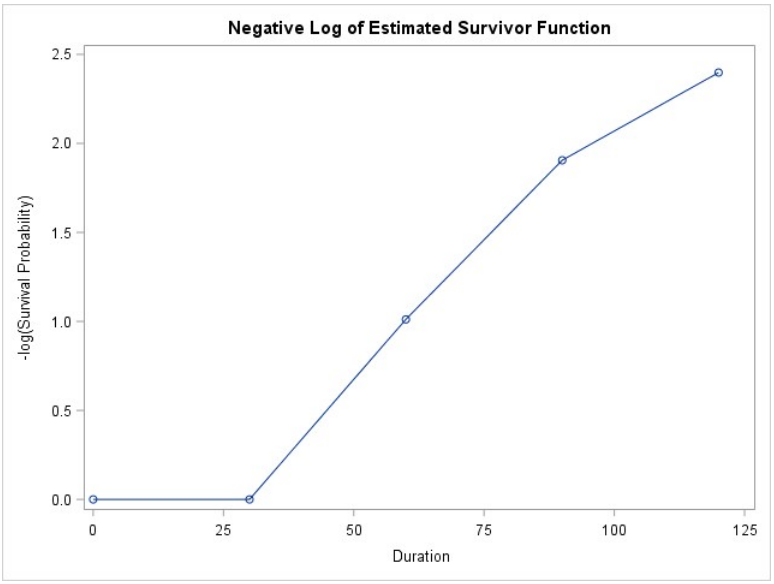
The SAS System

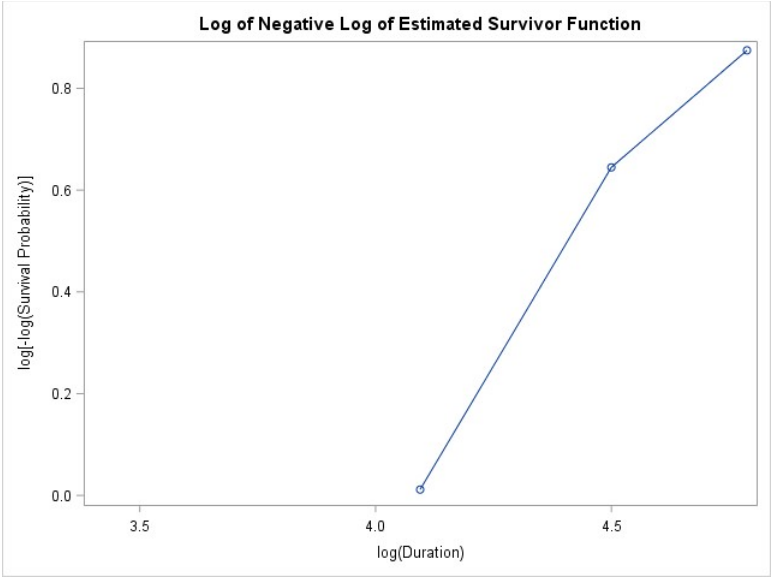
The LIFETEST Procedure

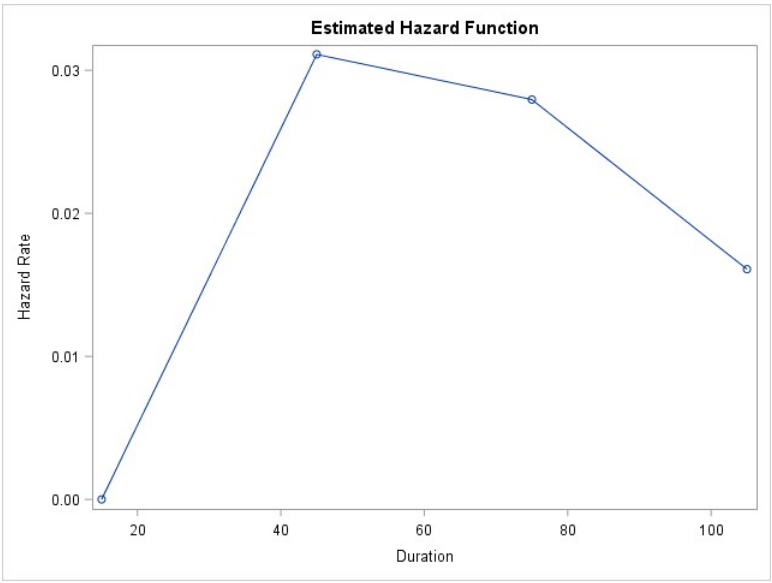
Life Table Survival Estimates

Interval												Evaluated at the Midpoint of the Interval			
[Lower,	Upper)	Number Failed	Number Censored	Effective Sample Size	Conditional Probability of Failure	Conditional Probability Standard Error	Survival	Failure	Survival Standard Error	Median Residual Lifetime	Median Standard Error	PDF	PDF Standard Error	Hazard	Hazard Standard Error
0	30	0	0	121.0	0	0	1.0000	0	0	53.5714	2.1429	0	.	0	.
30	60	77	0	121.0	0.6364	0.0437	1.0000	0	0	23.5714	2.1429	0.0212	0.00146	0.031111	0.003136
60	90	26	0	44.0	0.5909	0.0741	0.3636	0.6364	0.0437	25.3846	3.8269	0.00716	0.00124	0.027957	0.004977
90	120	7	0	18.0	0.3889	0.1149	0.1488	0.8512	0.0324	.	.	0.00193	0.000707	0.016092	0.005902
120	.	11	0	11.0	1.0000	0	0.0909	0.9091	0.0261	.	.	.	.	.	.









Summary of the Number of Censored and Uncensored Values			
Total	Failed	Censored	Percent Censored
121	121	0	0.00