Partial listing of crack1 data

Obs	t0	t1	n
1	4	.	39
2	10	.	49
3	14	.	31
4	18	.	66
5	22	.	25

The LIFEREG Procedure

Model Information	
Data Set	SURVIVAL.CRACK1
Dependent Variable	Log(t0)
Dependent Variable	Log(t1)
Weight Variable	n
Number of Observations	21
Noncensored Values	0
Right Censored Values	11
Left Censored Values	10
Interval Censored Values	0
Number of Parameters	1
Name of Distribution	Exponential
Log Likelihood	-201.1237255

Number of Observations Read	22
Number of Observations Used	21
Sum of Weights	432
Missing Values	1

Fit Statistics	
-2 Log Likelihood	402.247
AIC (smaller is better)	404.247
AICC (smaller is better)	404.257
BIC (smaller is better)	408.316

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	402.247
Exponential AIC (smaller is better)	404.247
Exponential AICC (smaller is better)	404.257
Exponential BIC (smaller is better)	408.316

Algorithm converged.

The LIFEREG Procedure

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	4.3812	0.0980	4.1892	4.5732	2000.07	<.0001
Scale	0	1.0000	0.0000	1.0000	1.0000		
Weibull Scale	1	79.9322	7.8305	65.9682	96.8522		
Weibull Shape	0	1.0000	0.0000	1.0000	1.0000		

Lagrange Multiplier Statistics		
Parameter	Chi-Square	Pr > ChiSq
Scale	.	.

Parameter estimates for exponential model

Obs	_MODEL_	_NAME_	_TYPE_	_DIST_	_STATUS_	_LNLIKE_	t0	Intercept	_SCALE_
1		t0	PARMS	Exponential	0 Converged	-201.124	-1	4.38118	1

Comparison of observed and predicted probabilities

Obs	t0	exp_prob	np	nq	observed_p
1	4	0.04881	0	39	0.00000
2	10	0.11760	4	49	0.07547
3	14	0.16067	2	31	0.06061
4	18	0.20164	7	66	0.09589
5	22	0.24061	5	25	0.16667
6	26	0.27767	9	30	0.23077
7	30	0.31293	9	33	0.21429
8	34	0.34647	6	7	0.46154
9	38	0.37837	22	12	0.64706
10	42	0.40871	21	19	0.52500
11	46	0.43757	21	15	0.58333

Comparison of observed and predicted probabilities
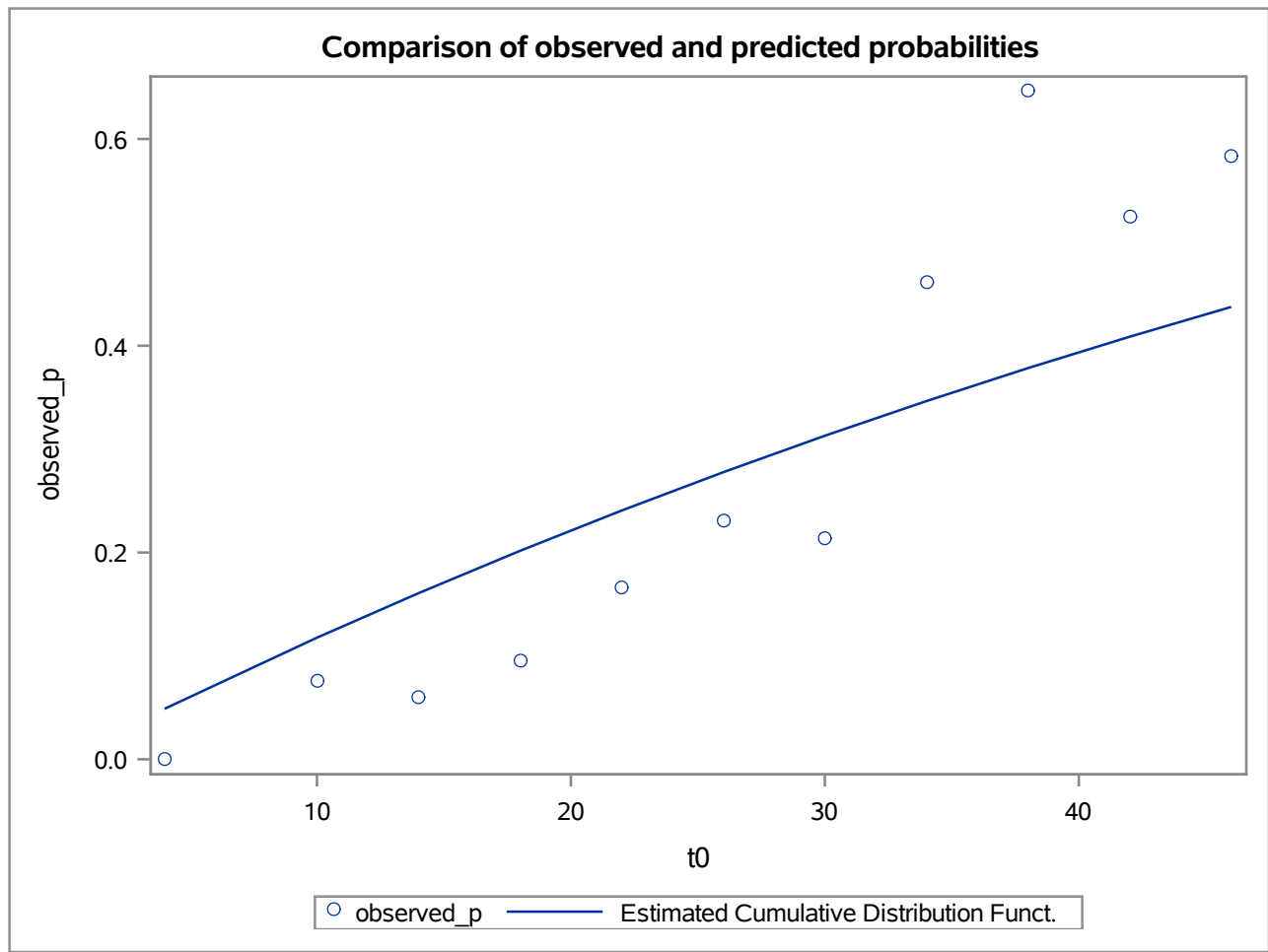
Obs	t0	t1	n
1	.	6.12	5
2	6.12	19.92	16
3	19.92	29.64	12
4	29.64	35.40	18
5	35.40	39.72	18

The LIFEREG Procedure

Model Information	
Data Set	SURVIVAL.CRACK2
Dependent Variable	Log(t0)
Dependent Variable	Log(t1)
Weight Variable	n
Number of Observations	9
Noncensored Values	0
Right Censored Values	1
Left Censored Values	1
Interval Censored Values	7
Number of Parameters	1
Name of Distribution	Exponential
Log Likelihood	-316.6705484

Number of Observations Read	9
Number of Observations Used	9
Sum of Weights	167

Fit Statistics	
-2 Log Likelihood	633.341
AIC (smaller is better)	635.341
AICC (smaller is better)	635.365
BIC (smaller is better)	638.459

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	633.341
Exponential AIC (smaller is better)	635.341
Exponential AICC (smaller is better)	635.365
Exponential BIC (smaller is better)	638.459

Algorithm converged.

The LIFEREG Procedure

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	4.4148	0.1032	4.2125	4.6171	1830.26	<.0001
Scale	0	1.0000	0.0000	1.0000	1.0000		
Weibull Scale	1	82.6655	8.5306	67.5282	101.1960		
Weibull Shape	0	1.0000	0.0000	1.0000	1.0000		

Lagrange Multiplier Statistics		
Parameter	Chi-Square	Pr > ChiSq
Scale	32.6620	<.0001

Obs	exp_prob	t
1	0.07136	6.12
2	0.21414	19.92
3	0.30131	29.64
4	0.34834	35.40
5	0.38152	39.72
6	0.42147	45.24
7	0.46896	52.32
8	0.53602	63.48

Obs	n	t	observed_p
1	5	6.12	0.02994
2	16	19.92	0.09581
3	12	29.64	0.07186
4	18	35.40	0.10778
5	18	39.72	0.10778
6	2	45.24	0.01198
7	6	52.32	0.03593
8	17	63.48	0.10180
9	73	.	0.43713

Comparison of observed and predicted probabilities

Obs	exp_prob	t	n	observed_p
1	0.07136	6.12	5	0.02994
2	0.21414	19.92	16	0.09581
3	0.30131	29.64	12	0.07186
4	0.34834	35.40	18	0.10778
5	0.38152	39.72	18	0.10778
6	0.42147	45.24	2	0.01198
7	0.46896	52.32	6	0.03593