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

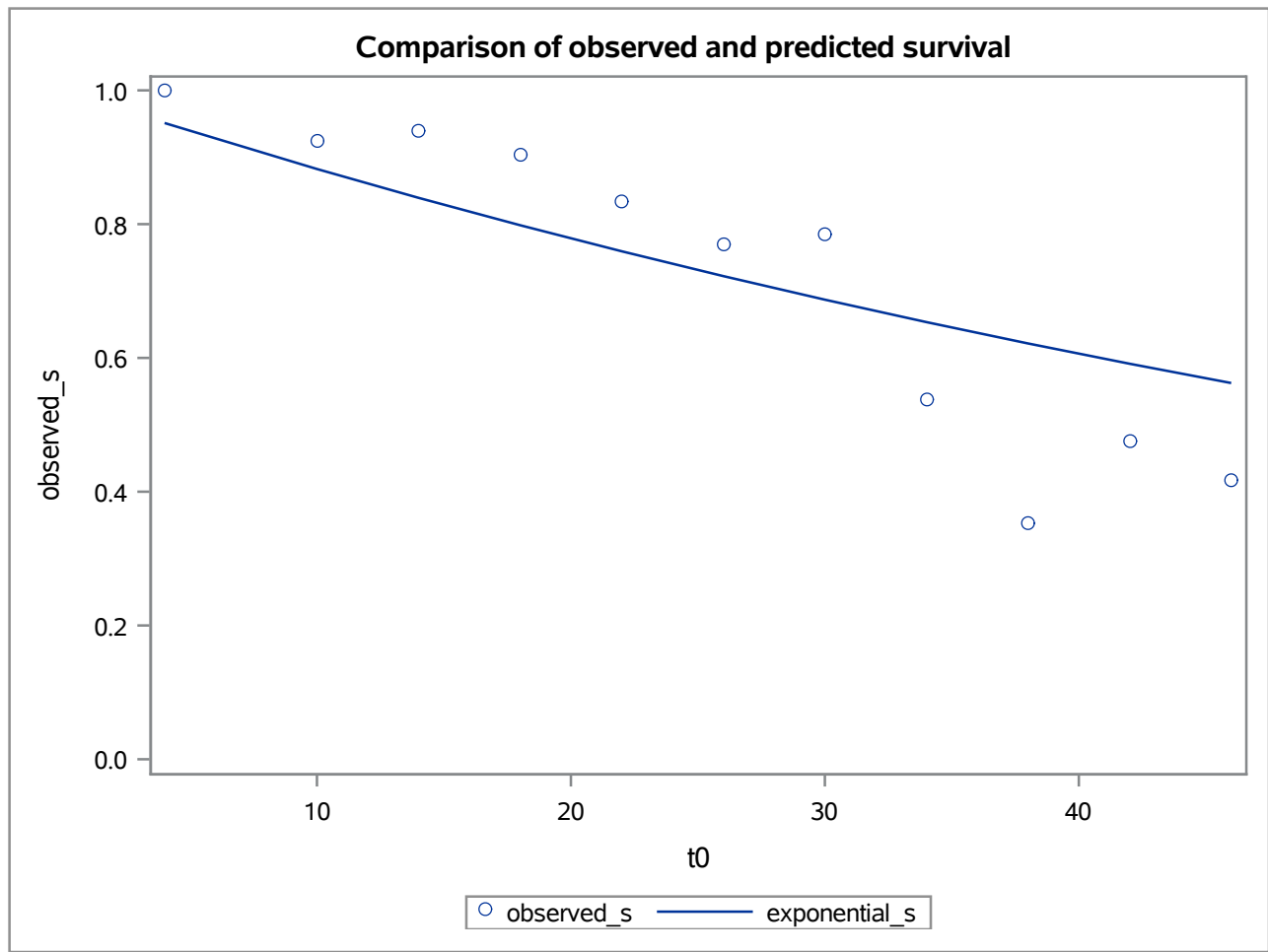| Fit Statistics (Unlogged Response)	
-2 Log Likelihood	402.247
Exponential AIC (smaller is better)	404.247
Exponential AICC (smaller is better)	404.257
Exponential BIC (smaller is better)	408.316

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	.	.

Comparison of observed and predicted survival

Obs	t0	exponential_s	np	nq	observed_s
1	4	0.95119	0	39	1.00000
2	10	0.88240	4	49	0.92453
3	14	0.83933	2	31	0.93939
4	18	0.79836	7	66	0.90411
5	22	0.75939	5	25	0.83333
6	26	0.72233	9	30	0.76923
7	30	0.68707	9	33	0.78571
8	34	0.65353	6	7	0.53846
9	38	0.62163	22	12	0.35294
10	42	0.59129	21	19	0.47500
11	46	0.56243	21	15	0.41667

Comparison of observed and predicted survival

Obs	t0	t1	n	c
1	.	6.12	5	5
2	6.12	19.92	16	21
3	19.92	29.64	12	33
4	29.64	35.40	18	51
5	35.40	39.72	18	69

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

Comparison of observed and predicted probabilities

Obs	t	exponential_s	n	observed_s
1	6.12	0.92864	5	0.97006
2	19.92	0.78586	16	0.87425
3	29.64	0.69869	12	0.80240
4	35.40	0.65166	18	0.69461
5	39.72	0.61848	18	0.58683
6	45.24	0.57853	2	0.57485
7	52.32	0.53104	6	0.53892
8	63.48	0.46398	17	0.43713

Comparison of observed and predicted probabilities