The SAS System

The LIFEREG Procedure

Model Information	
Data Set	WORK.WEEK9
Dependent Variable	Log(l_durat)
Censoring Variable	l_cens
Censoring Value(s)	1
Number of Observations	1445
Noncensored Values	552
Right Censored Values	893
Left Censored Values	0
Interval Censored Values	0
Number of Parameters	6
Name of Distribution	Lognormal
Log Likelihood	-1624.786332

Number of Observations Read	1445
Number of Observations Used	1445

Fit Statistics	
-2 Log Likelihood	3249.573
AIC (smaller is better)	3261.573
AICC (smaller is better)	3261.631
BIC (smaller is better)	3293.228

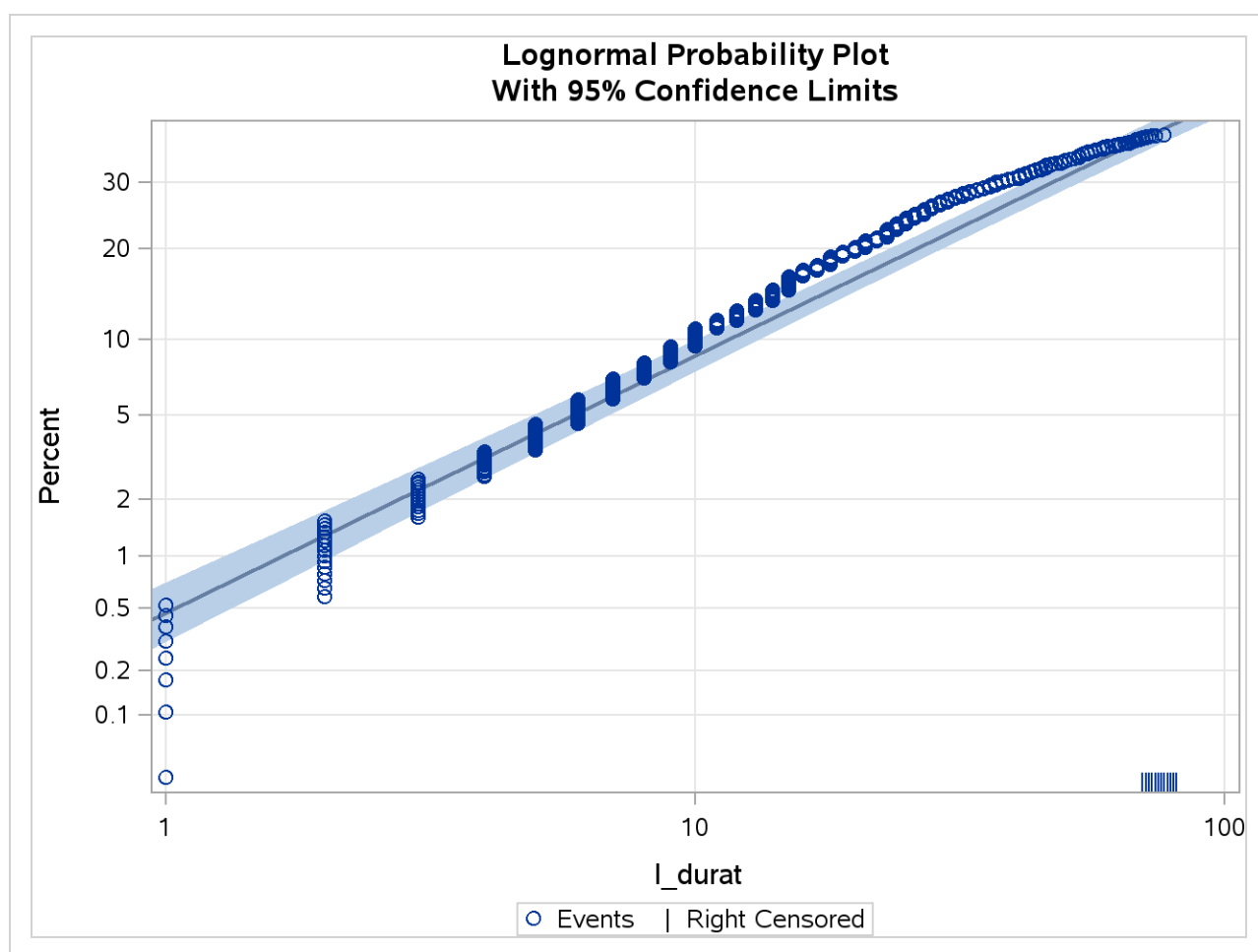| Fit Statistics (Unlogged Response)	
-2 Log Likelihood	6367.725
Lognormal AIC (smaller is better)	6379.725
Lognormal AICC (smaller is better)	6379.784
Lognormal BIC (smaller is better)	6411.381

Algorithm converged.

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
l_priors	1	51.0597	<.0001
l_tserved	1	32.0774	<.0001
l_educ	1	0.4223	0.5158
l_age	1	42.6648	<.0001

The SAS System

The LIFEREG Procedure

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	3.8512	0.3488	3.1676	4.5348	121.92	<.0001
l_priors	1	-0.1562	0.0219	-0.1991	-0.1134	51.06	<.0001
l_tserved	1	-0.0147	0.0026	-0.0198	-0.0096	32.08	<.0001
l_educ	1	0.0167	0.0257	-0.0336	0.0670	0.42	0.5158
l_age	1	0.0038	0.0006	0.0027	0.0050	42.66	<.0001
Scale	1	1.8590	0.0642	1.7374	1.9892		

Lognormal Probability Plot With 95% Confidence Limits

The SAS System

The LIFEREG Procedure

Model Information	
Data Set	WORK.WEEK9
Dependent Variable	Log(l_durat)
Censoring Variable	l_cens
Censoring Value(s)	1
Number of Observations	1445
Noncensored Values	552
Right Censored Values	893
Left Censored Values	0
Interval Censored Values	0
Number of Parameters	5
Name of Distribution	Exponential
Log Likelihood	-1679.660259

Number of Observations Read	1445
Number of Observations Used	1445

Fit Statistics	
-2 Log Likelihood	3359.321
AIC (smaller is better)	3369.321
AICC (smaller is better)	3369.362
BIC (smaller is better)	3395.700

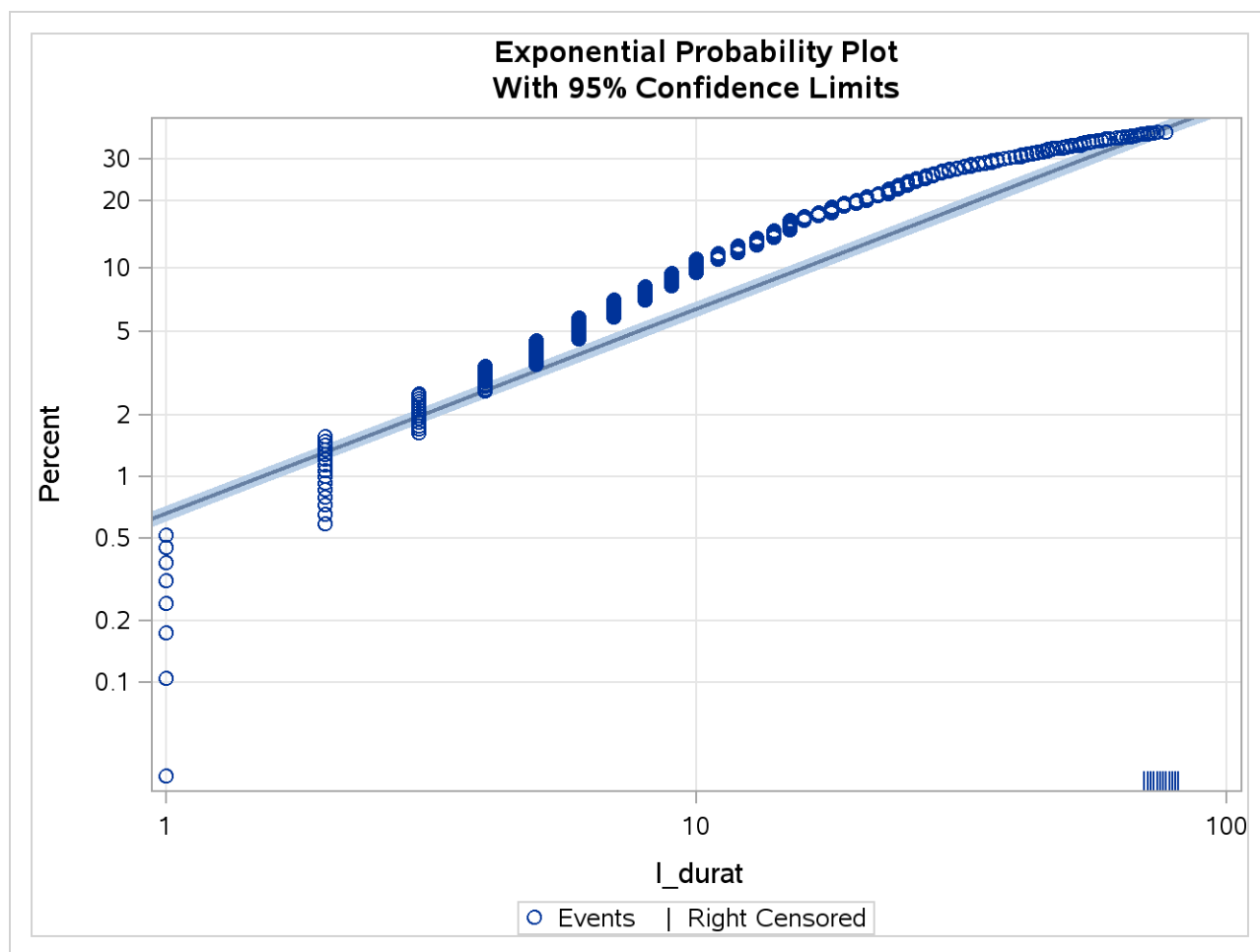| Fit Statistics (Unlogged Response)	
-2 Log Likelihood	6477.473
Exponential AIC (smaller is better)	6487.473
Exponential AICC (smaller is better	6487.515
Exponential BIC (smaller is better)	6513.853

Algorithm converged.

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
l_priors	1	62.9698	<.0001
l_tserved	1	56.6588	<.0001
l_educ	1	1.4209	0.2333
l_age	1	52.4094	<.0001

The SAS System

The LIFEREG Procedure

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	3.9248	0.2661	3.4033	4.4463	217.59	<.0001
l_priors	1	-0.1043	0.0131	-0.1301	-0.0785	62.97	<.0001
l_tserved	1	-0.0113	0.0015	-0.0142	-0.0083	56.66	<.0001
l_educ	1	0.0228	0.0191	-0.0147	0.0602	1.42	0.2333
l_age	1	0.0036	0.0005	0.0026	0.0046	52.41	<.0001
Scale	0	1.0000	0.0000	1.0000	1.0000		
Weibull Shape	0	1.0000	0.0000	1.0000	1.0000		

Lagrange Multiplier Statistics		
Parameter	Chi-Square	Pr > ChiSq
Scale	29.4688	<.0001

Exponential Probability Plot With 95% Confidence Limits

The SAS System

The LIFEREG Procedure

Model Information	
Data Set	WORK.WEEK9
Dependent Variable	Log(l_durat)
Censoring Variable	l_cens
Censoring Value(s)	1
Number of Observations	1445
Noncensored Values	552
Right Censored Values	893
Left Censored Values	0
Interval Censored Values	0
Number of Parameters	6
Name of Distribution	Weibull
Log Likelihood	-1660.401532

Number of Observations Read	1445
Number of Observations Used	1445

Fit Statistics	
-2 Log Likelihood	3320.803
AIC (smaller is better)	3332.803
AICC (smaller is better)	3332.861
BIC (smaller is better)	3364.458

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	6438.956
Weibull AIC (smaller is better)	6450.956
Weibull AICC (smaller is better)	6451.014
Weibull BIC (smaller is better)	6482.611

Algorithm converged.

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
l_priors	1	54.7408	<.0001
l_tserved	1	47.8228	<.0001
l_educ	1	1.2573	0.2622
l_age	1	46.3272	<.0001

The SAS System

The LIFEREG Procedure

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	**DF**	**Estimate**	**Standard Error**	**95% Confidence Limits**		**Chi-Square**	**Pr > ChiSq**
Intercept	1	3.9312	0.3352	3.2742	4.5882	137.55	<.0001
l_priors	1	-0.1276	0.0172	-0.1614	-0.0938	54.74	<.0001
l_tserved	1	-0.0134	0.0019	-0.0173	-0.0096	47.82	<.0001
l_educ	1	0.0271	0.0241	-0.0202	0.0744	1.26	0.2622
l_age	1	0.0043	0.0006	0.0031	0.0056	46.33	<.0001
Scale	1	1.2615	0.0494	1.1684	1.3621		
Weibull Shape	1	0.7927	0.0310	0.7342	0.8559		