Appendix 1

The LIFEREG Procedure

Model Information	
Data Set	WORK.WEEK9
Dependent Variable	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	2
Name of Distribution	Normal
Log Likelihood	-3584.355095

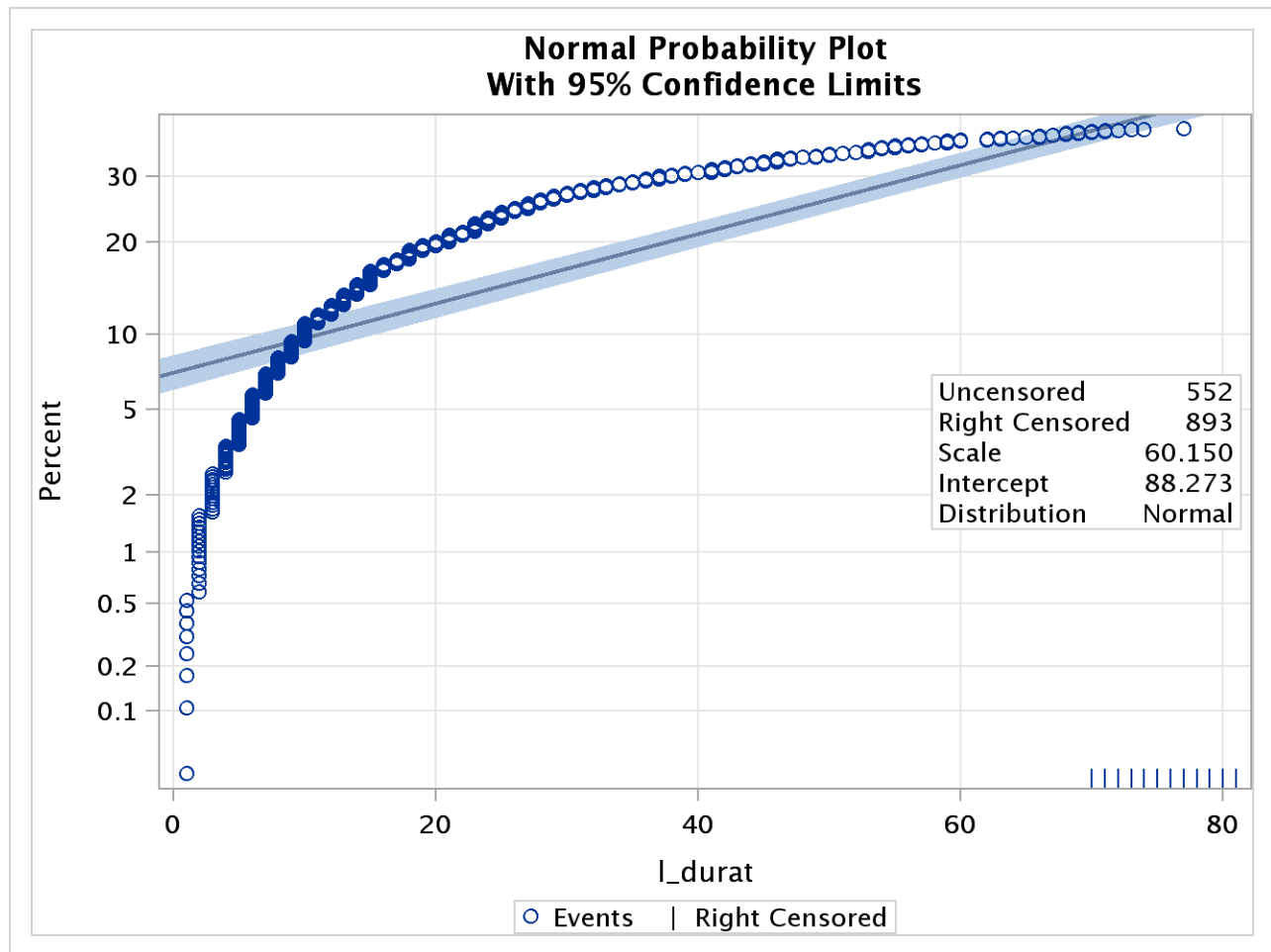|	
Number of Observations Read	1445
Number of Observations Used	1445

Fit Statistics	
-2 Log Likelihood	7168.710
AIC (smaller is better)	7172.710
AICC (smaller is better)	7172.719
BIC (smaller is better)	7183.262

Algorithm converged.

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	88.2733	2.3096	83.7466	92.7999	1460.81	<.0001
Scale	1	60.1504	2.1312	56.1151	64.4758		

Appendix 1

The LIFEREG Procedure

Normal Probability Plot
With 95% Confidence Limits

Uncensored	552
Right Censored	893
Scale	60.150
Intercept	88.273
Distribution	Normal

○ Events | Right Censored

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	1
Name of Distribution	Exponential
Log Likelihood	-1739.894437

Number of Observations Read	1445
Number of Observations Used	1445

Fit Statistics	
-2 Log Likelihood	3479.789
AIC (smaller is better)	3481.789
AICC (smaller is better)	3481.792
BIC (smaller is better)	3487.065

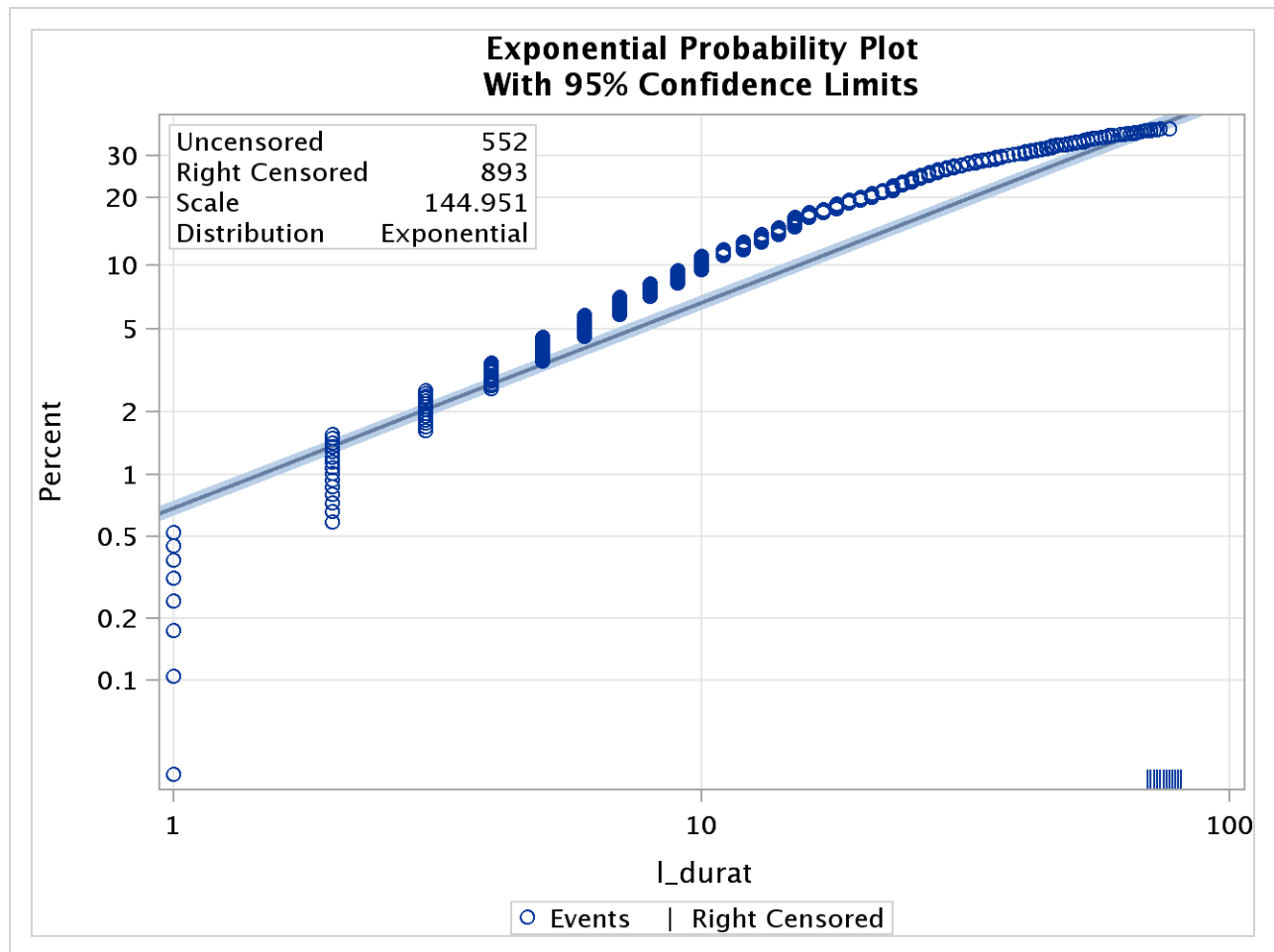| Fit Statistics (Unlogged Response)	
-2 Log Likelihood	6597.942
Exponential AIC (smaller is better)	6599.942
Exponential AICC (smaller is better)	6599.944
Exponential BIC (smaller is better)	6605.217

Algorithm converged.

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	4.9764	0.0426	4.8930	5.0598	13670.0	<.0001
Scale	0	1.0000	0.0000	1.0000	1.0000		
Weibull Scale	1	144.9511	6.1695	133.3497	157.5618		
Weibull Shape	0	1.0000	0.0000	1.0000	1.0000		

Lagrange Multiplier Statistics		
Parameter	Chi-Square	Pr > ChiSq
Scale	35.9078	<.0001

The SAS System

The LIFEREG Procedure

**Exponential Probability Plot
With 95% Confidence Limits**

Uncensored	552
Right Censored	893
Scale	144.951
Distribution	Exponential

Percent

l_durat

○ Events | Right Censored

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	2
Name of Distribution	Weibull
Log Likelihood	-1715.771096

Number of Observations Read	1445
Number of Observations Used	1445

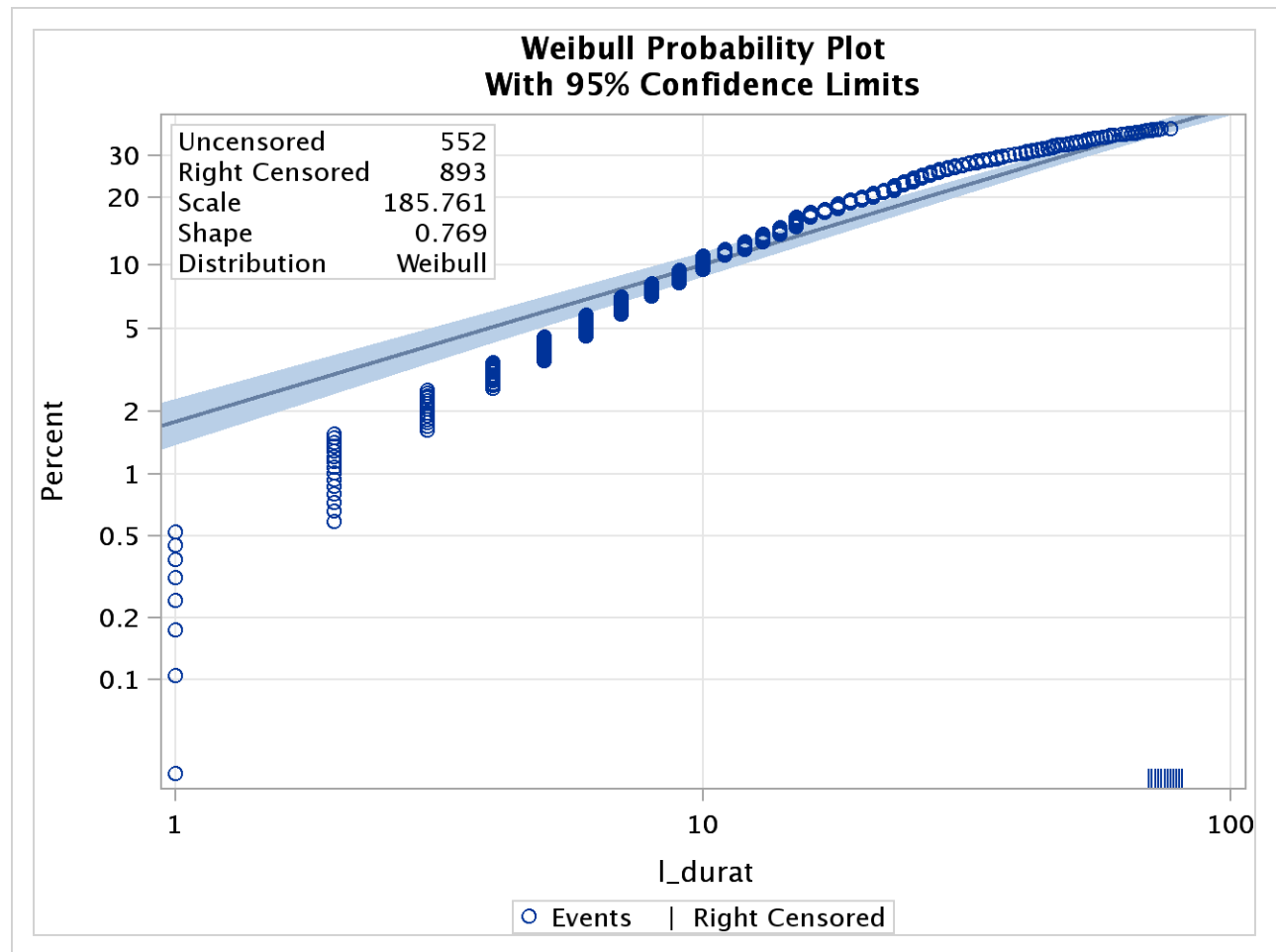| Fit Statistics	
-2 Log Likelihood	3431.542
AIC (smaller is better)	3435.542
AICC (smaller is better)	3435.551
BIC (smaller is better)	3446.094

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	6549.695
Weibull AIC (smaller is better)	6553.695
Weibull AICC (smaller is better)	6553.703
Weibull BIC (smaller is better)	6564.247

Algorithm converged.

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	5.2245	0.0705	5.0863	5.3627	5490.88	<.0001
Scale	1	1.3004	0.0516	1.2030	1.4057		
Weibull Scale	1	185.7613	13.0971	161.7861	213.2895		
Weibull Shape	1	0.7690	0.0305	0.7114	0.8312		

The SAS System

The LIFEREG Procedure

**Weibull Probability Plot
With 95% Confidence Limits**

Uncensored	552
Right Censored	893
Scale	185.761
Shape	0.769
Distribution	Weibull

Percent

l_durat

○ Events | Right Censored

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	2
Name of Distribution	Lognormal
Log Likelihood	-1680.426985

Number of Observations Read	1445
Number of Observations Used	1445

Fit Statistics	
-2 Log Likelihood	3360.854
AIC (smaller is better)	3364.854
AICC (smaller is better)	3364.862
BIC (smaller is better)	3375.406

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	6479.007
Lognormal AIC (smaller is better)	6483.007
Lognormal AICC (smaller is better)	6483.015
Lognormal BIC (smaller is better)	6493.558

Algorithm converged.

Analysis of Maximum Likelihood Parameter Estimates

Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	4.8454	0.0755	4.6975	4.9933	4121.78	<.0001
Scale	1	1.9688	0.0684	1.8392	2.1077		

The SAS System

The LIFEREG Procedure

Lognormal Probability Plot With 95% Confidence Limits

Uncensored	552
Right Censored	893
Scale	1.969
Intercept	4.845
Distribution	Lognormal