## The LIFEREG Procedure

Model Information					
Data Set WORK.WEEK					
Dependent Variable	Log(I_durat)				
Censoring Variable	l_cens				
Censoring Value(s)	1				
Number of Observations	1445				
Noncensored Values	552				
Right Censored Values	893				
Left Censored Values					
Interval Censored Values	0				
Number of Parameters	12				
Name of Distribution	Lognormal				
Log Likelihood	-1597.058956				

Number of Observations Read 1445 Number of Observations Used 1445

Fit Statistics						
-2 Log Likelihood	3194.118					
AIC (smaller is better)	3218.118					
AICC (smaller is better)	3218.336					
BIC (smaller is better)	3281.428					

Fit Statistics (Unlogged Response)					
-2 Log Likelihood	6312.271				
Lognormal AIC (smaller is better)	6336.271				
Lognormal AICC (smaller is better)	6336.488				
Lognormal BIC (smaller is better)	6399.581				

Algorithm converged.

Type III Analysis of Effects						
Effect	Wald DF Chi-Square Pr > ChiSq					
I_black	1	21.3548	<.0001			
I_drugs	1	5.0457	0.0247			
I_workprg	1	0.2717	0.6022			
I_priors	1	40.9108	<.0001			
I_tserved	1	42.1368	<.0001			
I_felon	1	9.3649	0.0022			
I_alcohol	1	19.3817	<.0001			
I_marry	1	5.9350	0.0148			

## The LIFEREG Procedure

Type III Analysis of Effects						
Effect	Wald fect DF Chi-Square Pr > ChiSq					
I_educ	1	0.8144	0.3668			
I_age	1	41.6081	<.0001			

Analysis of Maximum Likelihood Parameter Estimates								
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq	
Intercept	1	4.0994	0.3475	3.4182	4.7805	139.14	<.0001	
I_black	1	-0.5427	0.1174	-0.7729	-0.3125	21.35	<.0001	
l_drugs	1	-0.2982	0.1327	-0.5583	-0.0380	5.05	0.0247	
l_workprg	1	-0.0626	0.1200	-0.2978	0.1727	0.27	0.6022	
<b>I_priors</b>	1	-0.1373	0.0215	-0.1793	-0.0952	40.91	<.0001	
I_tserved	1	-0.0193	0.0030	-0.0252	-0.0135	42.14	<.0001	
I_felon	1	0.4440	0.1451	0.1596	0.7284	9.36	0.0022	
I_alcohol	1	-0.6349	0.1442	-0.9176	-0.3522	19.38	<.0001	
I_marry	1	0.3407	0.1398	0.0666	0.6148	5.94	0.0148	
I_educ	1	0.0229	0.0254	-0.0269	0.0727	0.81	0.3668	
I_age	1	0.0039	0.0006	0.0027	0.0051	41.61	<.0001	
Scale	1	1.8105	0.0623	1.6924	1.9368			

## The LIFEREG Procedure

Model Information					
Data Set WORK.WEEK					
Dependent Variable	Log(I_durat)				
Censoring Variable	I_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	11				
Name of Distribution	Exponential				
Log Likelihood	-1649.753126				

Number of Observations Read 1445 Number of Observations Used 1445

Fit Statistics						
-2 Log Likelihood	3299.506					
AIC (smaller is better)	3321.506					
AICC (smaller is better)	3321.690					
BIC (smaller is better)	3379.541					

Fit Statistics (Unlogged Response)						
-2 Log Likelihood	6417.659					
Exponential AIC (smaller is better)	6439.659					
Exponential AICC (smaller is better	6439.843					
Exponential BIC (smaller is better)	6497.693					

Algorithm converged.

Type III Analysis of Effects						
Effect	Wald DF Chi-Square Pr > ChiSq					
I_black	1	29.0885	<.0001			
I_drugs	1	9.0362	0.0026			
I_workprg	1	1.1142	0.2912			
I_priors	1	46.8556	<.0001			
I_tserved	1	75.2645	<.0001			
I_felon	1	8.7327	0.0031			
I_alcohol	1	19.5485	<.0001			
I_marry	1	1.9342	0.1643			

## The LIFEREG Procedure

Type III Analysis of Effects						
Effect	Wald DF Chi-Square Pr > ChiSq					
I_educ	1	1.5564	0.2122			
I_age	1	54.8321	<.0001			

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	4.1692	0.2756	3.6290	4.7094	228.80	<.0001
I_black	1	-0.4757	0.0882	-0.6485	-0.3028	29.09	<.0001
I_drugs	1	-0.2942	0.0979	-0.4860	-0.1024	9.04	0.0026
I_workprg	1	-0.0956	0.0906	-0.2731	0.0819	1.11	0.2912
I_priors	1	-0.0913	0.0133	-0.1175	-0.0652	46.86	<.0001
I_tserved	1	-0.0144	0.0017	-0.0177	-0.0111	75.26	<.0001
I_felon	1	0.3122	0.1057	0.1051	0.5193	8.73	0.0031
I_alcohol	1	-0.4677	0.1058	-0.6750	-0.2604	19.55	<.0001
I_marry	1	0.1520	0.1093	-0.0622	0.3661	1.93	0.1643
I_educ	1	0.0242	0.0194	-0.0138	0.0623	1.56	0.2122
I_age	1	0.0039	0.0005	0.0029	0.0049	54.83	<.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	25.9844	<.0001			

## The LIFEREG Procedure

Model Information			
Data Set	WORK.WEEK9		
Dependent Variable	Log(I_durat)		
Censoring Variable	I_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	12		
Name of Distribution	Weibull		
Log Likelihood	-1633.032475		

Number of Observations Read 1445 Number of Observations Used 1445

Fit Statistics				
-2 Log Likelihood	3266.065			
AIC (smaller is better)	3290.065			
AICC (smaller is better)	3290.283			
BIC (smaller is better)	3353.375			

Fit Statistics (Unlogged Response)					
-2 Log Likelihood	6384.218				
Weibull AIC (smaller is better)	6408.218				
Weibull AICC (smaller is better)	6408.436				
Weibull BIC (smaller is better)	6471.528				

Algorithm converged.

Type III Analysis of Effects					
Effect	DF	Wald Chi-Square	Pr > ChiSq		
I_black	1	25.8124	<.0001		
I_drugs	1	8.2119	0.0042		
<b>I_workprg</b>	1	1.0045	0.3162		
I_priors	1	41.6710	<.0001		
I_tserved	1	62.4133	<.0001		
I_felon	1	7.9266	0.0049		
I_alcohol	1	17.6217	<.0001		
I_marry	1	1.9200	0.1659		

## The LIFEREG Procedure

Type III Analysis of Effects						
Effect	Wald ect DF Chi-Square Pr > 0					
I_educ	1	1.4373	0.2306			
I_age	1	48.3314	<.0001			

An	Analysis of Maximum Likelihood Parameter Estimates						
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	4.2217	0.3413	3.5527	4.8906	152.99	<.0001
l_black	1	-0.5630	0.1108	-0.7802	-0.3458	25.81	<.0001
I_drugs	1	-0.3493	0.1219	-0.5881	-0.1104	8.21	0.0042
l_workprg	1	-0.1128	0.1125	-0.3333	0.1078	1.00	0.3162
I_priors	1	-0.1102	0.0171	-0.1436	-0.0767	41.67	<.0001
I_tserved	1	-0.0168	0.0021	-0.0210	-0.0127	62.41	<.0001
I_felon	1	0.3716	0.1320	0.1129	0.6303	7.93	0.0049
I_alcohol	1	-0.5551	0.1322	-0.8143	-0.2959	17.62	<.0001
I_marry	1	0.1881	0.1358	-0.0780	0.4542	1.92	0.1659
I_educ	1	0.0289	0.0241	-0.0184	0.0762	1.44	0.2306
I_age	1	0.0046	0.0007	0.0033	0.0059	48.33	<.0001
Scale	1	1.2409	0.0483	1.1498	1.3393		
Weibull Shape	1	0.8059	0.0314	0.7467	0.8697		