The LIFEREG Procedure

Model Information	
Data Set	WORK.DATA
Dependent Variable	Log(time)
Censoring Variable	status
Censoring Value(s)	0
Number of Observations	37
Noncensored Values	17
Right Censored Values	20
Left Censored Values	0
Interval Censored Values	0
Number of Parameters	9
Name of Distribution	Weibull
Log Likelihood	-36.53433756

Number of Observations Read	37
Number of Observations Used	37

Class Level Information		
Name	**Levels**	**Values**
type	3	1 2 3
preg	2	0 1
gvhd	2	0 1

Parameter Information				
Parameter	**Effect**	**type**	**preg**	**gvhd**
Intercept	Intercept			
rage	rage			
dage	dage			
type1	type	1		
type2	type	2		
type3	type	3		
preg0	preg		0	
preg1	preg		1	
index	index			
gvhd0	gvhd			0
gvhd1	gvhd			1

The LIFEREG Procedure

Fit Statistics	
-2 Log Likelihood	73.069
AIC (smaller is better)	91.069
AICC (smaller is better)	97.735
BIC (smaller is better)	105.567

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	248.501
Weibull AIC (smaller is better)	266.501
Weibull AICC (smaller is better)	273.168
Weibull BIC (smaller is better)	281.000

Algorithm converged.

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
rage	1	0.0673	0.7953
dage	1	1.4143	0.2344
type	2	11.0984	0.0039
preg	1	0.2105	0.6464
index	1	0.3872	0.5338
gvhd	1	12.8012	0.0003

Analysis of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept		1	8.6409	1.9014	4.9143	12.3675	20.65	<.0001
rage		1	0.0103	0.0397	-0.0675	0.0880	0.07	0.7953
dage		1	-0.0409	0.0344	-0.1084	0.0265	1.41	0.2344
type	1	1	-2.9802	0.9028	-4.7497	-1.2107	10.90	0.0010
type	2	1	-2.7947	0.9707	-4.6973	-0.8921	8.29	0.0040
type	3	0	0.0000	.	.	.	.	.
preg	0	1	-0.3725	0.8119	-1.9638	1.2188	0.21	0.6464
preg	1	0	0.0000	.	.	.	.	.
index		1	0.0928	0.1491	-0.1994	0.3849	0.39	0.5338
gvhd	0	1	2.9207	0.8163	1.3207	4.5207	12.80	0.0003
gvhd	1	0	0.0000	.	.	.	.	.

The LIFEREG Procedure

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Scale	1	0.8808	0.1845	0.5842	1.3279		
Weibull Shape	1	1.1354	0.2379	0.7531	1.7119		

Estimated Covariance Matrix								
	Intercept	rage	dage	type1	type2	preg0	index	gvhd0	Scale
Intercept	3.615235	-0.038207	-0.036243	-1.219412	-0.989120	-1.066140	-0.006635	0.324453	0.086218
rage	-0.038207	0.001573	-0.000372	0.009598	-0.003995	0.013882	-0.002067	0.001045	-0.001018
dage	-0.036243	-0.000372	0.001185	0.007329	0.010697	0.008267	0.000835	-0.005031	-0.000676
type1	-1.219412	0.009598	0.007329	0.815064	0.691040	0.392172	-0.018668	-0.302246	-0.057865
type2	-0.989120	-0.003995	0.010697	0.691040	0.942331	0.341861	0.005186	-0.445904	-0.056591
preg0	-1.066140	0.013882	0.008267	0.392172	0.341861	0.659168	-0.047553	-0.396247	-0.024468
index	-0.006635	-0.002067	0.000835	-0.018668	0.005186	-0.047553	0.022224	0.053772	0.006009
gvhd0	0.324453	0.001045	-0.005031	-0.302246	-0.445904	-0.396247	0.053772	0.666397	0.055300
Scale	0.086218	-0.001018	-0.000676	-0.057865	-0.056591	-0.024468	0.006009	0.055300	0.034044