

The PHREG Procedure

Model Information	
Data Set	WORK.SIMFRAIL
Dependent Variable	time
Censoring Variable	censored
Censoring Value(s)	1
Ties Handling	BRESLOW

Number of Observations Read	1250
Number of Observations Used	1250

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
1250	748	502	40.16

Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	9618.237	8424.425
AIC	9618.237	8428.425
SBC	9618.237	8437.660

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	1193.8120	2	<.0001
Score	971.8831	2	<.0001
Wald	947.6997	2	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
x1	1	1.78226	0.05977	889.1900	<.0001	5.943
x2	1	-0.96143	0.04387	480.2327	<.0001	0.382

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Data Set	WORK.SIMFRAIL
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Censoring Variable	censored
Censoring Value(s)	1
Ties Handling	BRESLOW
Frailty	GAMMA

Number of Observations Read	1250
Number of Observations Used	1250

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
1250	748	502	40.16

Convergence Status
Convergence criterion (PCONV=0.0001) satisfied.

Marginal Loglikelihood	-4925.8
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Testing Global Null Hypothesis			
Test	Chi-Square	Adjusted DF	Pr > ChiSq
Likelihood Ratio	1577.1699	129.32	<.0001
Wald	1075.8206	129.32	<.0001

Covariance Parameter Estimates	
Cov Parm	Estimate
i	0.3498

Type 3 Tests					
Effect	Wald Chi-Square	DF	Pr > ChiSq	Adjusted DF	Adjusted Pr > ChiSq
x1	892.0759	1	<.0001	0.9129	<.0001
x2	460.9464	1	<.0001	0.9121	<.0001
i	231.3281	.	.	127.32	<.0001

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Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
x1	1	2.07971	0.06963	892.0759	<.0001	8.002
x2	1	-1.08677	0.05062	460.9464	<.0001	0.337