

## The PHREG Procedure

Model Information	
Data Set	WORK.SURVIVAL1
Dependent Variable	days
Censoring Variable	censor
Censoring Value(s)	1
Ties Handling	BRESLOW

Number of Observations Read	3044
Number of Observations Used	3043

Class Level Information				
Class	Value	Design Variables		
q4u	1st quartile	1	0	0
	2nd quartile	0	1	0
	3rd quartile	0	0	1
	4th quartile	0	0	0

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
3043	701	2342	76.96

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	10870.464	10785.969
AIC	10870.464	10791.969
SBC	10870.464	10805.627

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	84.4946	3	<.0001
Score	90.2558	3	<.0001
Wald	86.2866	3	<.0001

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Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
q4u	3	86.2866	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
q4u	1st quartile	1	-0.76935	0.10620	52.4831	<.0001	0.463	4 Quartiles 1st quartile
q4u	2nd quartile	1	-0.86400	0.10916	62.6473	<.0001	0.421	4 Quartiles 2nd quartile
q4u	3rd quartile	1	-0.43152	0.09688	19.8390	<.0001	0.650	4 Quartiles 3rd quartile

Hazard Ratios for 4 Quartiles			
Description	Point Estimate	95% Wald Confidence Limits	
q4u 1st quartile vs 2nd quartile	1.099	0.862	1.402
q4u 1st quartile vs 3rd quartile	0.713	0.571	0.891
q4u 1st quartile vs 4th quartile	0.463	0.376	0.571
q4u 2nd quartile vs 3rd quartile	0.649	0.517	0.815
q4u 2nd quartile vs 4th quartile	0.421	0.340	0.522
q4u 3rd quartile vs 4th quartile	0.650	0.537	0.785