The PHREG Procedure

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

Number of Observations Read	3044
Number of Observations Used	2475

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
2475	133	2342	94.63

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	2033.121	2002.793
AIC	2033.121	2004.793
SBC	2033.121	2007.683

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	30.3277	1	<.0001
Score	30.6388	1	<.0001
Wald	28.3218	1	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter	**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**	**Label**
H010	1	0.97536	0.18327	28.3218	<.0001	2.652	Aspirin Use

The PHREG Procedure

Hazard Ratios for Aspirin Use			
Description	Point Estimate	95% Wald Confidence Limits	
H010 Unit=1	2.652	1.852	3.798

The PHREG Procedure

Aspirin Use=No Aspirin Use

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

Number of Observations Read	1681
Number of Observations Used	1413

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

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
1413	45	1368	96.82

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	640.354	615.155
AIC	640.354	621.155
SBC	640.354	626.575

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	25.1993	3	<.0001
Score	30.6646	3	<.0001
Wald	25.1933	3	<.0001

The PHREG Procedure

Aspirin Use=No Aspirin Use

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
q4u	3	25.1933	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
q4u	4th quartile	1	1.56499	0.45466	11.8484	0.0006	4.783	q4u 4th quartile
q4u	1st quartile	1	-0.22140	0.60559	0.1337	0.7147	0.801	q4u 1st quartile
q4u	2nd quartile	1	0.32135	0.52705	0.3717	0.5421	1.379	q4u 2nd quartile

Hazard Ratios for q4u			
Description	Point Estimate	95% Wald Confidence Limits	
q4u 4th quartile vs 1st quartile	5.968	2.284	15.594
q4u 4th quartile vs 2nd quartile	3.468	1.619	7.431
q4u 4th quartile vs 3rd quartile	4.783	1.962	11.659
q4u 1st quartile vs 2nd quartile	0.581	0.195	1.734
q4u 1st quartile vs 3rd quartile	0.801	0.245	2.626
q4u 2nd quartile vs 3rd quartile	1.379	0.491	3.874

The PHREG Procedure

Aspirin Use=Aspirin Use

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

Number of Observations Read	1363
Number of Observations Used	1062

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

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
1062	88	974	91.71

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	1192.338	1178.002
AIC	1192.338	1184.002
SBC	1192.338	1191.434

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	14.3361	3	0.0025
Score	15.2881	3	0.0016
Wald	14.3739	3	0.0024

The PHREG Procedure

Aspirin Use=Aspirin Use

Type 3 Tests			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
q4u	3	14.3739	0.0024

Analysis of Maximum Likelihood Estimates								
Parameter		**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**	**Label**
q4u	**4th quartile**	1	0.46347	0.27171	2.9096	0.0881	1.590	q4u 4th quartile
q4u	**1st quartile**	1	-0.35932	0.31473	1.3034	0.2536	0.698	q4u 1st quartile
q4u	**2nd quartile**	1	-0.59573	0.33900	3.0881	0.0789	0.551	q4u 2nd quartile

Hazard Ratios for q4u			
Description	**Point Estimate**	**95% Wald Confidence Limits**	
q4u 4th quartile vs 1st quartile	2.277	1.282	4.044
q4u 4th quartile vs 2nd quartile	2.884	1.543	5.389
q4u 4th quartile vs 3rd quartile	1.590	0.933	2.707
q4u 1st quartile vs 2nd quartile	1.267	0.630	2.547
q4u 1st quartile vs 3rd quartile	0.698	0.377	1.294
q4u 2nd quartile vs 3rd quartile	0.551	0.284	1.071

HR for Mortality from CVD For UTXB > Q1&2 ASA = Y and > Q1 to Q3 for ASA = N

The PHREG Procedure

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

Number of Observations Read	3044
Number of Observations Used	2475

Class Level Information		
Class	**Value**	**Design Variables**
combined	**Q4 or > median**	1
	Q1_Q3 or <= median	0

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
2475	133	2342	94.63

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	2033.121	1986.692
AIC	2033.121	1988.692
SBC	2033.121	1991.582

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	46.4292	1	<.0001
Score	50.7242	1	<.0001
Wald	45.1129	1	<.0001

HR for Mortality from CVD For UTXB > Q1&2 ASA = Y and > Q1 to Q3 for ASA = N

The PHREG Procedure

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
combined	1	45.1129	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
combined	Q4 or > median	1	1.19377	0.17773	45.1129	<.0001	3.299	combined Q4 or > median

Hazard Ratios for combined			
Description	Point Estimate	95% Wald Confidence Limits	
combined Q4 or > median vs Q1_Q3 or <= median	3.299	2.329	4.674

HR for Mortality from CVD For UTXB > Q3 for ASA = No

The PHREG Procedure

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

Number of Observations Read	1681
Number of Observations Used	1413

Class Level Information		
Class	**Value**	**Design Variables**
q2u	**Q4**	1
	Q1-Q3	0

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
1413	45	1368	96.82

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	640.354	616.177
AIC	640.354	618.177
SBC	640.354	619.983

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	24.1774	1	<.0001
Score	30.0757	1	<.0001
Wald	25.0190	1	<.0001

HR for Mortality from CVD For UTXB > Q3 for ASA = No

The PHREG Procedure

Type 3 Tests			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
q2u	1	25.0190	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**	**Label**
q2u	**Q4**	1	1.50117	0.30012	25.0190	<.0001	4.487	4th Q vs Q1-3 Q4

Hazard Ratios for 4th Q vs Q1-3			
Description	**Point Estimate**	**95% Wald Confidence Limits**	
q2u Q4 vs Q1-Q3	4.487	2.492	8.080

HR for Mortality from CVD For UTXB > Median for ASA = Yes

The PHREG Procedure

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

Number of Observations Read	1363
Number of Observations Used	1062

Class Level Information		
Class	**Value**	**Design Variables**
medianu	**> median**	1
	<= median	0

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
1062	88	974	91.71

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	1192.338	1181.410
AIC	1192.338	1183.410
SBC	1192.338	1185.887

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	10.9277	1	0.0009
Score	10.9013	1	0.0010
Wald	10.4467	1	0.0012

HR for Mortality from CVD For UTXB > Median for ASA = Yes

The PHREG Procedure

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
medianu	1	10.4467	0.0012

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
medianu	> median	1	0.71630	0.22162	10.4467	0.0012	2.047	medianu > median

Hazard Ratios for medianu			
Description	Point Estimate	95% Wald Confidence Limits	
medianu > median vs <= median	2.047	1.326	3.160