The PHREG Procedure

Aspirin Use=No Aspirin Use

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

Number of Observations Read	1681
Number of Observations Used	1680

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
1680	312	1368	81.43

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	4507.960	4466.390
AIC	4507.960	4468.390
SBC	4507.960	4472.133

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	41.5700	1	<.0001
Score	39.6054	1	<.0001
Wald	39.9514	1	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**
logtxb	1	0.48724	0.07709	39.9514	<.0001	1.628

The PHREG Procedure

Aspirin Use=No Aspirin Use

Hazard Ratios for logtxb			
Description	**Point Estimate**	**95% Wald Confidence Limits**	
logtxb Unit=1	1.628	1.400	1.893

The PHREG Procedure

Aspirin Use=Aspirin Use

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

Number of Observations Read	1363
Number of Observations Used	1363

Summary of the Number of Event and Censored Values			
Total	**Event**	**Censored**	**Percent Censored**
1363	389	974	71.46

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	5363.731	5338.254
AIC	5363.731	5340.254
SBC	5363.731	5344.218

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	25.4768	1	<.0001
Score	27.8667	1	<.0001
Wald	27.8849	1	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**
logtxb	1	0.38530	0.07296	27.8849	<.0001	1.470

The PHREG Procedure

Aspirin Use=Aspirin Use

Hazard Ratios for logtxb			
Description	**Point Estimate**	**95% Wald Confidence Limits**	
logtxb Unit=1	1.470	1.274	1.696

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

The PHREG Procedure

Model Information	
Data Set	WORK.SURVIVAL
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
combined	Q4 or > median	1
	Q1_Q3 or <= median	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	10771.106
AIC	10870.464	10773.106
SBC	10870.464	10777.658

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	99.3582	1	<.0001
Score	105.6295	1	<.0001
Wald	100.6794	1	<.0001

HR for Any Mortality 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	100.6794	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
combined	Q4 or > median	1	0.75961	0.07570	100.6794	<.0001	2.137	combined Q4 or > median

Hazard Ratios for combined			
Description	Point Estimate	95% Wald Confidence Limits	
combined Q4 or > median vs Q1_Q3 or <= median	2.137	1.843	2.479

The PHREG Procedure

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

Number of Observations Read	1363
Number of Observations Used	1363

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
1363	389	974	71.46

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	5363.731	5334.480
AIC	5363.731	5336.480
SBC	5363.731	5340.443

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	29.2515	1	<.0001
Score	29.1337	1	<.0001
Wald	28.3965	1	<.0001

The PHREG Procedure

Type 3 Tests			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
medianu	1	28.3965	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**	**Label**
medianu	**> median**	1	0.55576	0.10429	28.3965	<.0001	1.743	medianu > median

Hazard Ratios for medianu			
Description	**Point Estimate**	**95% Wald Confidence Limits**	
medianu > median vs <= median	1.743	1.421	2.139

The PHREG Procedure

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

Number of Observations Read	1681
Number of Observations Used	1680

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**
1680	312	1368	81.43

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	4507.960	4459.708
AIC	4507.960	4461.708
SBC	4507.960	4465.451

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	48.2521	1	<.0001
Score	55.2322	1	<.0001
Wald	52.1501	1	<.0001

The PHREG Procedure

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
q2u	1	52.1501	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
q2u	Q4	1	0.83382	0.11546	52.1501	<.0001	2.302	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	2.302	1.836 2.887