HR for Mortality from Cancer For Log UTXB by ASA Group

The PHREG Procedure

Aspirin Use=No Aspirin Use

Model Information	
Data Set	WORK.SURVIVALCANCER
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	117	1563	93.04

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	1700.924	1692.366
AIC	1700.924	1694.366
SBC	1700.924	1697.128

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	8.5577	1	0.0034
Score	8.2475	1	0.0041
Wald	8.2852	1	0.0040

Analysis of Maximum Likelihood Estimates						
Parameter	**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**
logtxb	1	0.35669	0.12392	8.2852	0.0040	1.429

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The PHREG Procedure

Aspirin Use=No Aspirin Use

Hazard Ratios for logtxb			
Description	Point Estimate	95% Wald Confidence Limits	
logtxb Unit=1	1.429	1.121	1.821

HR for Mortality from Cancer For Log UTXB by ASA Group

The PHREG Procedure

Aspirin Use=Aspirin Use

Model Information	
Data Set	WORK.SURVIVALCANCER
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	113	1250	91.71

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	1569.437	1566.205
AIC	1569.437	1568.205
SBC	1569.437	1570.932

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	3.2322	1	0.0722
Score	3.4283	1	0.0641
Wald	3.4368	1	0.0638

Analysis of Maximum Likelihood Estimates						
Parameter	**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**
logtxb	1	0.26067	0.14061	3.4368	0.0638	1.298

HR for Mortality from Cancer For Log UTXB by ASA Group

The PHREG Procedure

Aspirin Use=Aspirin Use

Hazard Ratios for logtxb			
Description	Point Estimate	95% Wald Confidence Limits	
logtxb Unit=1	1.298	0.985	1.710

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

The PHREG Procedure

Model Information	
Data Set	WORK.SURVIVALCANCER
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	230	2813	92.44

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	3590.186	3567.916
AIC	3590.186	3569.916
SBC	3590.186	3573.354

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	22.2698	1	<.0001
Score	23.4685	1	<.0001
Wald	22.7131	1	<.0001

HR for Mortality from Cancer 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	22.7131	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	Label
combined	Q4 or > median	1	0.62906	0.13199	22.7131	<.0001	1.876	combined Q4 or > median

Hazard Ratios for combined			
Description	Point Estimate	95% Wald Confidence Limits	
combined Q4 or > median vs Q1_Q3 or <= median	1.876	1.448	2.430

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

The PHREG Procedure

Model Information	
Data Set	WORK.SURVIVALCANCER
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	113	1250	91.71

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	1569.437	1563.601
AIC	1569.437	1565.601
SBC	1569.437	1568.328

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	5.8362	1	0.0157
Score	5.8220	1	0.0158
Wald	5.7214	1	0.0168

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

The PHREG Procedure

Type 3 Tests			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
medianu	1	5.7214	0.0168

Analysis of Maximum Likelihood Estimates								
Parameter		**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**	**Label**
medianu	**> median**	1	0.45817	0.19155	5.7214	0.0168	1.581	medianu > median

Hazard Ratios for medianu			
Description	**Point Estimate**	**95% Wald Confidence Limits**	
medianu > median vs <= median	1.581	1.086	2.302

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

The PHREG Procedure

Model Information	
Data Set	WORK.SURVIVALCANCER
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	117	1563	93.04

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

Model Fit Statistics		
Criterion	**Without Covariates**	**With Covariates**
-2 LOG L	1700.924	1685.337
AIC	1700.924	1687.337
SBC	1700.924	1690.099

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	15.5867	1	<.0001
Score	17.6783	1	<.0001
Wald	16.8181	1	<.0001

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

The PHREG Procedure

Type 3 Tests			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
q2u	1	16.8181	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter		**DF**	**Parameter Estimate**	**Standard Error**	**Chi-Square**	**Pr > ChiSq**	**Hazard Ratio**	**Label**
q2u	**Q4**	1	0.77668	0.18939	16.8181	<.0001	2.174	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	2.174	1.500	3.151