SAS 시스템

The PHREG Procedure

Model Information	
Data Set	WORK.PHREG_DATA2
Dependent Variable	start
Dependent Variable	stop
Censoring Variable	bad
Censoring Value(s)	0
Weight Variable	wa1
Ties Handling	BRESLOW

Number of Observations Read	5576
Number of Observations Used	5576

Class Level Information		
Class	Value	Design Variables
cat	1	1
	0	0

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
5576	35	5541	99.37

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
−2 LOG L	321.853	308.365
AIC	321.853	310.365
SBC	321.853	311.920

Testing Global Null Hypothesis: BETA=0			
Test	Chi−Square	DF	Pr > ChiSq
Likelihood Ratio	13.4880	1	0.0002
Score (Model−Based)	12.1564	1	0.0005
Score (Sandwich)	15.0840	1	0.0001
Wald (Model−Based)	10.1054	1	0.0015
Wald (Sandwich)	10.7486	1	0.0010

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
cat	1	10.7486	0.0010

Analysis of Maximum Likelihood Estimates										
Parameter		DF	Parameter Estimate	Standard Error	StdErr Ratio	Chi-Square	Pr > ChiSq	Hazard Ratio	95% Hazard Ratio Confidence Limits		Label
cat	1	1	−1.55904	0.47553	0.970	10.7486	0.0010	0.210	0.083	0.534	cat 1

SAS 시스템

The PHREG Procedure

Model Information	
Data Set	WORK.ALLPROG2
Dependent Variable	start
Dependent Variable	stop
Censoring Variable	prog
Censoring Value(s)	0
Weight Variable	wa1
Ties Handling	BRESLOW

Number of Observations Read	5429
Number of Observations Used	5429

Class Level Information		
Class	Value	Design Variables
cat	1	1
	0	0

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
5429	30	5399	99.45

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
−2 LOG L	283.278	274.048
AIC	283.278	276.048
SBC	283.278	277.449

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	9.2308	1	0.0024
Score (Model-Based)	8.3949	1	0.0038
Score (Sandwich)	10.5953	1	0.0011
Wald (Model-Based)	7.3068	1	0.0069
Wald (Sandwich)	7.8861	1	0.0050

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
cat	1	7.8861	0.0050

Analysis of Maximum Likelihood Estimates									95% Hazard Ratio Confidence Limits		
Parameter		DF	Parameter Estimate	Standard Error	StdErr Ratio	Chi-Square	Pr > ChiSq	Hazard Ratio			Label
cat	1	1	−1.34024	0.47725	0.963	7.8861	0.0050	0.262	0.103	0.667	cat 1

SAS 시스템

The PHREG Procedure

Model Information	
Data Set	WORK.PHREG_DATA2
Dependent Variable	start
Dependent Variable	stop
Censoring Variable	pdr
Censoring Value(s)	0
Weight Variable	wa1
Ties Handling	BRESLOW

Number of Observations Read	5576
Number of Observations Used	5576

Class Level Information		
Class	Value	Design Variables
cat	1	1
	0	0

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
5576	26	5550	99.53

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
−2 LOG L	229.732	217.300
AIC	229.732	219.300
SBC	229.732	220.558

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	12.4317	1	0.0004
Score (Model-Based)	10.9371	1	0.0009
Score (Sandwich)	13.8767	1	0.0002
Wald (Model-Based)	8.4608	1	0.0036
Wald (Sandwich)	9.3255	1	0.0023

Type 3 Tests			
Effect	DF	Wald Chi-Square	Pr > ChiSq
cat	1	9.3255	0.0023

Analysis of Maximum Likelihood Estimates										
Parameter		DF	Parameter Estimate	Standard Error	StdErr Ratio	Chi-Square	Pr > ChiSq	Hazard Ratio	95% Hazard Ratio Confidence Limits		Label
cat	1	1	−1.85124	0.60621	0.953	9.3255	0.0023	0.157	0.048	0.515	cat 1