

The PHREG Procedure

Model Information	
Data Set	SURV_ANA.ADDICTS
Dependent Variable	survt
Censoring Variable	status
Censoring Value(s)	0
Ties Handling	BRESLOW

Number of Observations Read	238
Number of Observations Used	238

Summary of the Number of Event and Censored Values					
Stratum	clinic	Total	Event	Censored	Percent Censored
1	1	163	122	41	25.15
2	2	75	28	47	62.67
Total		238	150	88	36.97

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	1229.367	1195.428
AIC	1229.367	1199.428
SBC	1229.367	1205.449

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	33.9393	2	<.0001
Score	33.3628	2	<.0001
Wald	32.6858	2	<.0001

Analysis of Maximum Likelihood Estimates								
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	95% Hazard Ratio Confidence Limits	
prison	1	0.38877	0.16892	5.2974	0.0214	1.475	1.059	2.054
dose	1	-0.03514	0.00647	29.5471	<.0001	0.965	0.953	0.978

Stratified Cox model giving the HR for prison among Clinics 1 and 2 and the test for interaction

The PHREG Procedure

Model Information	
Data Set	SURV_ANA.ADDICTS3
Dependent Variable	survt
Censoring Variable	status
Censoring Value(s)	0
Ties Handling	BRESLOW

Number of Observations Read	238
Number of Observations Used	238

Summary of the Number of Event and Censored Values					
Stratum	clinic	Total	Event	Censored	Percent Censored
1	1	163	122	41	25.15
2	2	75	28	47	62.67
Total		238	150	88	36.97

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	1229.367	1193.558
AIC	1229.367	1201.558
SBC	1229.367	1213.600

Testing Global Null Hypothesis: BETA=0				
Test	Chi-Square	DF	Pr > ChiSq	
Likelihood Ratio	35.8095	4	<.0001	
Score	35.0111	4	<.0001	
Wald	34.1187	4	<.0001	

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
prison	1	1.08716	0.53861	4.0741	0.0435	2.966
dose	1	-0.03482	0.01980	3.0930	0.0786	0.966
Clin_Pr	1	-0.58467	0.42813	1.8650	0.1721	0.557
Clin_Do	1	-0.00105	0.01457	0.0052	0.9427	0.999

Stratified Cox model giving the HR for prison among Clinics 1 and 2 and the test for interaction

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Contrast Test Results				
Contrast	DF	Wald Chi-Square	Pr > ChiSq	
HR for prison among clinic=1	1	7.0918	0.0077	
HR for prison among clinic=2	1	0.0457	0.8307	
TEST INTERACTION	2	1.8650	0.3936	

Contrast Estimation and Testing Results by Row									
Contrast	Type	Row	Estimate	Standard Error	Alpha	Confidence Limits	Wald Chi-Square	Pr > ChiSq	
HR for prison among clinic=1	EXP	1	1.6528	0.3119	0.05	1.1419 2.3925	7.0918	0.0077	
HR for prison among clinic=2	EXP	1	0.9211	0.3540	0.05	0.4337 1.9563	0.0457	0.8307	

Cox model run only on data where clinic=1

The PHREG Procedure

Model Information	
Data Set	SURV_ANA.ADDICTS3
Dependent Variable	survt
Censoring Variable	status
Censoring Value(s)	0
Ties Handling	BRESLOW

Number of Observations Read	163
Number of Observations Used	163

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
163	122	41	25.15

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	1010.924	984.815
AIC	1010.924	988.815
SBC	1010.924	994.423

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	26.1085	2	<.0001
Score	25.6222	2	<.0001
Wald	25.1597	2	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
prison	1	0.50249	0.18869	7.0918	0.0077	1.653
dose	1	-0.03586	0.00774	21.4761	<.0001	0.965

Cox model run only on data where clinic=2

The PHREG Procedure

Model Information	
Data Set	SURV_ANA.ADDICTS3
Dependent Variable	survt
Censoring Variable	status
Censoring Value(s)	0
Ties Handling	BRESLOW

Number of Observations Read	75
Number of Observations Used	75

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
75	28	47	62.67

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	218.444	208.743
AIC	218.444	212.743
SBC	218.444	215.407

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	9.7010	2	0.0078
Score	9.3889	2	0.0091
Wald	8.9665	2	0.0113

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
prison	1	-0.08226	0.38430	0.0458	0.8305	0.921
dose	1	-0.03693	0.01234	8.9500	0.0028	0.964