

## 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			
Total	Event	Censored	Percent Censored
238	150	88	36.97

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	1411.324	1345.034
AIC	1411.324	1353.034
SBC	1411.324	1365.076

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	66.2899	4	<.0001
Score	57.2431	4	<.0001
Wald	55.9168	4	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
prison	1	0.34047	0.16747	4.1333	0.0420	1.406
dose	1	-0.08243	0.03599	5.2468	0.0220	0.921
clinic	1	-1.01857	0.21538	22.3655	<.0001	0.361
Logtdose	1	0.00858	0.00646	1.7646	0.1841	1.009

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

Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	1411.324	1337.149
AIC	1411.324	1345.149
SBC	1411.324	1357.191

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	74.1749	4	<.0001
Score	64.1371	4	<.0001
Wald	57.4441	4	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
prison	1	0.37770	0.16840	5.0304	0.0249	1.459
dose	1	-0.03551	0.00644	30.4503	<.0001	0.965
HV1	1	-0.45956	0.25529	3.2405	0.0718	0.632
HV2	1	-1.82823	0.38595	22.4392	<.0001	0.161

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Contrast Test Results			
Contrast	DF	Wald Chi-Square	Pr > ChiSq
Test for equality of heavisides Null=PH assumption met	1	8.7993	0.0030

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-2 LOG L	1411.324	1337.149
AIC	1411.324	1345.149
SBC	1411.324	1357.191

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	74.1749	4	<.0001
Score	64.1371	4	<.0001
Wald	57.4441	4	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
clinic	1	-0.45956	0.25529	3.2405	0.0718	0.632
prison	1	0.37770	0.16840	5.0304	0.0249	1.459
dose	1	-0.03551	0.00644	30.4503	<.0001	0.965
HV	1	-1.36866	0.46139	8.7993	0.0030	0.254

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Contrast Test Results			
Contrast	DF	Wald Chi-Square	Pr > ChiSq
HR for clinic <365 days	1	3.2405	0.0718
HR for clinic >=365 days	1	22.4392	<.0001

Contrast Estimation and Testing Results by Row									
Contrast	Type	Row	Estimate	Standard Error	Alpha	Confidence Limits		Wald Chi-Square	Pr > ChiSq
HR for clinic <365 days	EXP	1	0.6316	0.1612	0.05	0.3829	1.0416	3.2405	0.0718
HR for clinic >=365 days	EXP	1	0.1607	0.0620	0.05	0.0754	0.3424	22.4392	<.0001

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Model Fit Statistics		
Criterion	Without Covariates	With Covariates
-2 LOG L	1411.324	1335.755
AIC	1411.324	1343.755
SBC	1411.324	1355.798

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	75.5685	4	<.0001
Score	66.8326	4	<.0001
Wald	55.2726	4	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio
clinic	1	-0.54786	0.23835	5.2832	0.0215	0.578
prison	1	0.38840	0.16893	5.2862	0.0215	1.475
dose	1	-0.03506	0.00643	29.6956	<.0001	0.966
Clintime	1	-0.00519	0.00184	7.9732	0.0047	0.995