“stima esponenziale a tre pezzi con covariate”

The LIFEREG Procedure

Model Information	
Data Set	WORK.M
Dependent Variable	Log(tempo)
Censoring Variable	evento
Censoring Value(s)	0
Number of Observations	1202
Noncensored Values	458
Right Censored Values	744
Left Censored Values	0
Interval Censored Values	0
Number of Parameters	9
Name of Distribution	Exponential
Log Likelihood	-1203.742704

Number of Observations Read	1202
Number of Observations Used	1202

Class Level Information		
Name	**Levels**	**Values**
j	3	1 2 3

Fit Statistics	
-2 Log Likelihood	2407.485
AIC (smaller is better)	2425.485
AICC (smaller is better)	2425.636
BIC (smaller is better)	2471.311

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	4874.105
Exponential AIC (smaller is better)	4892.105
Exponential AICC (smaller is better)	4892.256
Exponential BIC (smaller is better)	4937.931

Algorithm converged.

“stima esponenziale a tre pezzi con covariate”

The LIFEREG Procedure

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
EDU	1	6.5967	0.0102
coho2	1	16.8238	<.0001
coho3	1	9.7381	0.0018
lfx	1	15.1566	<.0001
pnoj	1	1.7009	0.1922
PRES	1	21.0135	<.0001
j	2	52.9284	<.0001

Analysis of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept		1	4.8473	0.2813	4.2959	5.3986	296.92	<.0001
EDU		1	-0.0639	0.0249	-0.1127	-0.0151	6.60	0.0102
coho2		1	-0.4721	0.1151	-0.6977	-0.2465	16.82	<.0001
coho3		1	-0.3801	0.1218	-0.6188	-0.1414	9.74	0.0018
lfx		1	0.0036	0.0009	0.0018	0.0054	15.16	<.0001
pnoj		1	-0.0576	0.0442	-0.1442	0.0290	1.70	0.1922
PRES		1	0.0251	0.0055	0.0144	0.0358	21.01	<.0001
j	1	1	-0.7265	0.1238	-0.9692	-0.4839	34.44	<.0001
j	2	1	-0.8744	0.1247	-1.1188	-0.6300	49.19	<.0001
j	3	0	0.0000	.	.	.	.	.
Scale		0	1.0000	0.0000	1.0000	1.0000		
Weibull Shape		0	1.0000	0.0000	1.0000	1.0000		

Lagrange Multiplier Statistics		
Parameter	Chi-Square	Pr > ChiSq
Scale	1.3104	0.2523

“stima esponenziale a tre pezzi con interazione tratti e pres

The LIFEREG Procedure

Model Information	
Data Set	WORK.M
Dependent Variable	Log(tempo)
Censoring Variable	evento
Censoring Value(s)	0
Number of Observations	1202
Noncensored Values	458
Right Censored Values	744
Left Censored Values	0
Interval Censored Values	0
Number of Parameters	11
Name of Distribution	Exponential
Log Likelihood	-1201.99778

Number of Observations Read	1202
Number of Observations Used	1202

Class Level Information		
Name	**Levels**	**Values**
j	3	1 2 3

Fit Statistics	
-2 Log Likelihood	2403.996
AIC (smaller is better)	2425.996
AICC (smaller is better)	2426.217
BIC (smaller is better)	2482.005

Fit Statistics (Unlogged Response)	
-2 Log Likelihood	4870.616
Exponential AIC (smaller is better)	4892.616
Exponential AICC (smaller is better)	4892.837
Exponential BIC (smaller is better)	4948.625

Algorithm converged.

“stima esponenziale a tre pezzi con interazione tratti e pres

The LIFEREG Procedure

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
EDU	1	6.9187	0.0085
coho2	1	17.2585	<.0001
coho3	1	10.3582	0.0013
lfx	1	14.8858	0.0001
pnoj	1	1.4454	0.2293
PRES	1	15.8260	<.0001
j	2	12.2426	0.0022
PRES*j	2	3.5637	0.1683

Analysis of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept		1	5.5127	0.4600	4.6111	6.4142	143.63	<.0001
EDU		1	-0.0655	0.0249	-0.1143	-0.0167	6.92	0.0085
coho2		1	-0.4780	0.1151	-0.7036	-0.2525	17.26	<.0001
coho3		1	-0.3925	0.1220	-0.6316	-0.1535	10.36	0.0013
lfx		1	0.0036	0.0009	0.0018	0.0054	14.89	0.0001
pnoj		1	-0.0532	0.0443	-0.1400	0.0336	1.45	0.2293
PRES		1	0.0081	0.0106	-0.0127	0.0289	0.58	0.4456
j	1	1	-1.6102	0.4971	-2.5846	-0.6359	10.49	0.0012
j	2	1	-1.6079	0.5113	-2.6100	-0.6058	9.89	0.0017
j	3	0	0.0000	.	.	.	.	.
PRES*j	1	1	0.0236	0.0128	-0.0014	0.0486	3.41	0.0647
PRES*j	2	1	0.0194	0.0130	-0.0061	0.0448	2.22	0.1363
PRES*j	3	0	0.0000	.	.	.	.	.
Scale		0	1.0000	0.0000	1.0000	1.0000		
Weibull Shape		0	1.0000	0.0000	1.0000	1.0000		

Lagrange Multiplier Statistics		
Parameter	Chi-Square	Pr > ChiSq
Scale	1.5600	0.2117